

Supplemental Table S2. Genes identified in the genome of COPSEMAR9. A. Genes identified by the variant calling analysis (Assignment Variants) or bit score difference (Assignment Similarity) are listed and assigned as *indica* or *japonica* genes.

Locus	Assignment Variants	Assignment Similarity	Resistance Gene Class	Japonica Locus	Indica Locus	Description
augustus-1-processed-gene-15.2-mRNA-1	Indica	Japonica		Os01g0127600	OsR498G0100091300.01.T01	
augustus-1-processed-gene-15.3-mRNA-1	Indica	NA	Kinase		OsR498G0100091500.01.T01	G-type lectin 5-receptor-like serine/threonine-protein kinase
augustus-1-processed-gene-17.20-mRNA-1	Indica	NA		Os01g0131300	OsR498G0100108700.01.T01	PORR domain-containing protein
augustus-1-processed-gene-17.23-mRNA-1	Indica	NA		Os01g0131600	OsR498G0100109900.01.T06	Pathogenesis-related transcriptional activator PTI6
augustus-1-processed-gene-18.41-mRNA-1	Indica	NA		Os02g0452800	OsR498G0714367900.01.T01	Epimerase domain-containing protein
augustus-1-processed-gene-19.26-mRNA-1	Indica	NA		Os01g0135800	OsR498G0100121300.01.T01	16.9 kDa class I heat shock protein 3
augustus-1-processed-gene-19.37-mRNA-1	Indica	Indica		Os01g0134800	OsR498G0100119800.01.T01	Endo-1,4-beta-xylanase
augustus-1-processed-gene-19.38-mRNA-1	Indica	Indica		Os01g0134900	OsR498G0100120000.01.T01	Endo-1,4-beta-xylanase
augustus-1-processed-gene-19.42-mRNA-1	Indica	NA		Os01g0136200	OsR498G0100124300.01.T01	Class I heat shock protein 1
augustus-1-processed-gene-21.29-mRNA-1	Indica	NA				WAK1-OsWAK receptor-like cytoplasmic kinase (OsWAK-RLCK)
augustus-1-processed-gene-21.32-mRNA-1	Indica	NA		Os01g0138300	OsR498G0100133900.01.T01	Putative serine/threonine-protein kinase
augustus-1-processed-gene-21.48-mRNA-1	Indica	NA		Os01g0139600	OsR498G0100138300.01.T01	Lipid phosphate phosphatase
augustus-1-processed-gene-222.16-mRNA-1	Indica	Japonica		Os01g0564300	OsR498G0101347500.01.T01	Peptidylprolyl isomerase
augustus-1-processed-gene-23.56-mRNA-1	Indica	Japonica		Os01g0141700	OsR498G0100150400.01.T02	Protein DAMAGED DNA-BINDING 2 isoform A
augustus-1-processed-gene-23.61-mRNA-1	Indica	Indica		Os02g0547100	OsR498G0101158000.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-1-processed-gene-234.11-mRNA-1	Indica	NA		Os01g0585200	OsR498G0101417500.01.T01	Glycerophosphocholine acyltransferase 1
augustus-1-processed-gene-260.34-mRNA-1	Indica	NA		Os01g0633200	OsR498G0101598900.01.T01	Factor of DNA methylation 1
augustus-1-processed-gene-28.37-mRNA-1	Indica	NA		Os01g0151100	OsR498G0100183100.01.T06	Putative translation initiation factor IF-2
augustus-1-processed-gene-29.20-mRNA-1	Indica	NA		Os01g0153800	OsR498G0100193100.01.T01	Putative carboxylesterase 15
augustus-1-processed-gene-29.21-mRNA-1	Indica	NA		Os01g0154300	OsR498G0100194100.01.T01	Ubiquitin-like domain-containing protein
augustus-1-processed-gene-30.34-mRNA-1	Indica	NA	Kinase-TM	Os01g0155500	OsR498G0100197900.01.T01	Receptor-like protein kinase HERK 1
augustus-1-processed-gene-30.53-mRNA-1	Indica	NA		Os01g0157200		
augustus-1-processed-gene-30.54-mRNA-1	Indica	NA			OsR498G0100202500.01.T01	
augustus-1-processed-gene-31.35-mRNA-1	Indica	Indica		Os05g0163100	OsR498G0100208400.01.T01	PHD finger protein ALFIN-LIKE 1-like
augustus-1-processed-gene-33.59-mRNA-1	Indica	NA		Os01g0165000	OsR498G0100216100.01.T03	Dehydration-responsive element-binding protein 2
augustus-1-processed-gene-34.49-mRNA-1	Indica	Indica		Os01g0166700	OsR498G0100220900.01.T02	Sapoin-like type B, 1
augustus-1-processed-gene-34.53-mRNA-1	Indica	NA		Os01g0167400	OsR498G0100222500.01.T01	rRNA N-glycosidase
augustus-1-processed-gene-351.41-mRNA-1	Indica	NA			OsR498G0102186300.01.T01	
augustus-1-processed-gene-352.13-mRNA-1	Indica	NA		Os01g0811200	OsR498G0102193100.01.T01	Serine-type endopeptidase inhibitor
augustus-1-processed-gene-352.14-mRNA-1	Indica	NA		Os01g0811300	OsR498G0102193500.01.T01	Histone-lysine N-methyltransferase H3 lysine-9 specific SUVH3
augustus-1-processed-gene-353.52-mRNA-1	Indica	NA		Os01g0812200	OsR498G0102197300.01.T01	CMP/dCMP-type deaminase domain-containing protein (Fragment)
augustus-1-processed-gene-353.68-mRNA-1	Indica	NA		Os01g0813400	OsR498G0102200300.01.T05	ADP-ribosylation factor
augustus-1-processed-gene-353.71-mRNA-1	Indica	Indica		Os01g0814100	OsR498G0102202300.01.T01	AAI domain-containing protein
augustus-1-processed-gene-354.59-mRNA-1	Indica	NA		Os01g0816000	OsR498G0102207500.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus-1-processed-gene-355.34-mRNA-1	Indica	NA		Os01g0816700	OsR498G0102211100.01.T01	L-ascorbate oxidase like
augustus-1-processed-gene-359.17-mRNA-1	Indica	NA			OsR498G0100075100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-1-processed-gene-360.26-mRNA-1	Indica	NA			OsR498G0102241700.01.T01	Epidermal patterning factor-like protein 6-like
augustus-1-processed-gene-361.11-mRNA-1	Indica	NA		Os01g0827500	OsR498G0102253700.01.T05	Exocyst complex component EXO70B1
augustus-1-processed-gene-361.12-mRNA-1	Indica	NA		Os01g0827600		Exocyst subunit Exo70 family protein (Fragment)
augustus-1-processed-gene-361.13-mRNA-1	Indica	NA		Os05g0473000	OsR498G0511028200.01.T01	Abscisic acid receptor 6
augustus-1-processed-gene-362.10-mRNA-1	Indica	Indica		Os01g0829800	OsR498G0102260500.01.T01	Malate dehydrogenase
augustus-1-processed-gene-362.11-mRNA-1	Indica	NA		Os01g0830100	OsR498G0102261300.01.T03	Internal alternative NAD(P)H-ubiquinone oxidoreductase
augustus-1-processed-gene-364.40-mRNA-1	Indica	NA		Os01g0832900	OsR498G0102273300.01.T03	Dual specificity tyrosine-phosphorylation-regulated kinase mbk-1
augustus-1-processed-gene-364.41-mRNA-1	Indica	NA		Os01g0833000		Pentatricopeptide repeat-containing protein chloroplastic
augustus-1-processed-gene-365.39-mRNA-1	Indica	NA		Os01g0835900	OsR498G0102286500.01.T01	Multifunctional fusion protein
augustus-1-processed-gene-366.1-mRNA-1	Indica	NA		Os01g0836600	OsR498G0102288300.01.T01	ABC transporter domain-containing protein (Fragment)
augustus-1-processed-gene-366.10-mRNA-1	Indica	NA		Os01g0836900		probable membrane-associated kinase regulator 4
augustus-1-processed-gene-367.49-mRNA-1	Indica	NA		Os01g0839400	OsR498G0102299500.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus-1-processed-gene-45.5-mRNA-1	Indica	NA			OsR498G0100283300.01.T01	Alkane hydroxylase MAH1
augustus-1-processed-gene-46.17-mRNA-1	Indica	NA		Os01g0186600	OsR498G0100291700.01.T01	
augustus-1-processed-gene-46.8-mRNA-1	Indica	NA		Os01g0658300		Glutaminyl-tRNA synthetase
augustus-1-processed-gene-470.17-mRNA-1	Indica	NA		Os01g0905700	OsR498G0102537700.01.T01	peroxisome biogenesis factor 10-like
augustus-1-processed-gene-472.32-mRNA-1	Indica	NA		Os01g0908800	OsR498G0102549700.01.T02	Fertility restorer homologue A-like
augustus-1-processed-gene-474.14-mRNA-1	Indica	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-1-processed-gene-494.2-mRNA-1	Indica	NA			OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-1-processed-gene-7.38-mRNA-1	Indica	NA		Os01g0112600		
augustus-1-processed-gene-8.0-mRNA-1	Indica	Indica	CC-Kinase-TM	Os01g0113350	OsR498G0100044500.01.T01	Putative receptor serine/threonine kinase PR5K
augustus-1-processed-gene-8.3-mRNA-1	Indica	Japonica	Kinase-TM	Os01g0113650	OsR498G0100044500.01.T01	Putative receptor serine/threonine kinase PR5K
augustus-10-processed-gene-1.21-mRNA-1	Indica	NA	Kinase-TM	Os10g0101000	OsR498G1017996700.01.T01	Non-specific serine/threonine protein kinase

augustus-10-processed-gene-11.10-mRNA-1	Indica	NA				Hydroxyproline-rich glycoprotein-like
augustus-10-processed-gene-111.13-mRNA-1	Indica	NA		Os10g0442700	OsR498G1018800100.01.T02	Pentatricopeptide repeat-containing protein, chloroplastic
augustus-10-processed-gene-12.15-mRNA-1	Indica	NA		Os10g0113000	OsR498G1018038100.01.T01	Deoxymugineic acid synthase 1-B
augustus-10-processed-gene-126.13-mRNA-1	Indica	NA			OsR498G0407539000.01.T01	
augustus-10-processed-gene-128.0-mRNA-1	Indica	NA		Os04g0137400	OsR498G0407530000.01.T01	
augustus-10-processed-gene-132.21-mRNA-1	Indica	NA		Os05g0471800		Far-red impaired response protein-like
augustus-10-processed-gene-138.36-mRNA-1	Indica	NA	Kinase-LRR-TM		OsR498G0407494600.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
augustus-10-processed-gene-142.24-mRNA-1	Indica	NA			OsR498G0815762600.01.T01	
augustus-10-processed-gene-145.25-mRNA-1	Indica	NA		Os04g0110500	OsR498G0407447400.01.T01	Pentatricopeptide repeat-containing protein EU1, chloroplastic
augustus-10-processed-gene-145.35-mRNA-1	Indica	NA		Os04g0110100	OsR498G0407446000.01.T01	Legume lectins beta domain containing protein
augustus-10-processed-gene-147.14-mRNA-1	Indica	NA		Os04g0106000	OsR498G0407429800.01.T02	PMEI domain-containing protein (Fragment)
augustus-10-processed-gene-147.4-mRNA-1	Indica	NA		Os04g0106500		VARLMGL domain-containing protein
augustus-10-processed-gene-148.12-mRNA-1	Indica	NA		Os04g0103900	OsR498G0407422800.01.T01	Chalcone synthase G
augustus-10-processed-gene-159.29-mRNA-1	Indica	NA		Os10g0459600	OsR498G1018847300.01.T01	Xyloglucan galactosyltransferase KATAMARI1
augustus-10-processed-gene-16.14-mRNA-1	Indica	NA				Transposase, putative, expressed
augustus-10-processed-gene-29.3-mRNA-1	Indica	NA	Kinase	Os10g0142600	OsR498G1018125300.01.T01	Receptor-like protein kinase FERONIA
augustus-10-processed-gene-3.2-mRNA-1	Indica	Indica		Os01g0524500	OsR498G1018003900.01.T01	Transcription factor MYB51
augustus-10-processed-gene-31.29-mRNA-1	Indica	NA			OsR498G1018144500.01.T01	Cellulase
augustus-10-processed-gene-31.30-mRNA-1	Indica	NA		Os10g0148000	OsR498G1018144900.01.T01	Protease inhibitor/seed storage/LTP family protein, expressed
augustus-10-processed-gene-34.19-mRNA-1	Indica	NA		Os10g0150200	OsR498G1018151700.01.T01	IGR protein motif
augustus-10-processed-gene-37.10-mRNA-1	Indica	NA		Os10g0155300	OsR498G1018168100.01.T01	F-box domain containing protein, expressed
augustus-10-processed-gene-4.40-mRNA-1	Indica	NA			OsR498G1018011100.01.T01	Putative Mitochondrial editing factor 22
augustus-10-processed-gene-47.0-mRNA-1	Indica	NA		Os10g0164600	OsR498G1018230300.01.T01	Geraniol 8-hydroxylase-like
augustus-10-processed-gene-47.2-mRNA-1	Indica	NA		Os10g0165000	OsR498G1018231300.01.T01	Core-2/l-branching beta-16-N-acetylglucosaminyltransferase family protein
augustus-10-processed-gene-49.26-mRNA-1	Indica	Indica		Os10g0166600	OsR498G1018238900.01.T02	Cytochrome P450 family protein, expressed
augustus-10-processed-gene-49.41-mRNA-1	Indica	NA			OsR498G1018240900.01.T01	
augustus-10-processed-gene-50.23-mRNA-1	Indica	NA		Os10g0169200	OsR498G1018246900.01.T01	
augustus-10-processed-gene-51.30-mRNA-1	Indica	Indica		Os12g0435200	OsR498G1018251900.01.T01	Nine-cis-epoxycarotenoid dioxygenase 4
augustus-10-processed-gene-51.42-mRNA-1	Indica	Japonica		Os10g0171400	OsR498G1018303700.01.T01	
augustus-10-processed-gene-53.2-mRNA-1	Indica	Indica		Os10g0173000	OsR498G1018256500.01.T02	
augustus-10-processed-gene-55.14-mRNA-1	Indica	NA		Os10g0176300		
augustus-10-processed-gene-56.1-mRNA-1	Indica	NA			OsR498G1018268500.01.T01	AAI domain-containing protein (Fragment)
augustus-10-processed-gene-60.15-mRNA-1	Indica	NA		Os03g0732200		Dynamin GTPase
augustus-10-processed-gene-60.39-mRNA-1	Indica	NA			OsR498G0306743300.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-10-processed-gene-61.0-mRNA-1	Indica	NA		Os10g0186200		PMEI domain-containing protein (Fragment)
augustus-10-processed-gene-7.10-mRNA-1	Indica	Indica		Os10g0108700	OsR498G1018024500.01.T01	Methanol O-anthraniloyltransferase
augustus-11-processed-gene-146.34-mRNA-1	Indica	Japonica		Os11g0486000	OsR498G0409297100.01.T04	Truncated Sr21
augustus-11-processed-gene-147.1-mRNA-1	Indica	NA			OsR498G1120161500.01.T01	Protease inhibitor/seed storage/LTP family protein
augustus-11-processed-gene-250.11-mRNA-1	Indica	NA		Os11g0560000	OsR498G1018527700.01.T01	Disease resistance protein RPM1
augustus-11-processed-gene-252.13-mRNA-1	Indica	NA	CC-NBS-TM	Os11g0684200	OsR498G1120731300.01.T01	NB-ARC domain containing protein, expressed
augustus-11-processed-gene-255.16-mRNA-1	Indica	NA			OsR498G1120738700.01.T03	
augustus-11-processed-gene-261.22-mRNA-1	Indica	Japonica		Os11g0703000	OsR498G1221905100.01.T01	Pathogenesis-related protein 5
augustus-11-processed-gene-261.26-mRNA-1	Indica	NA		Os11g0703600	OsR498G1120766900.01.T02	Protein UPSTREAM OF FLC
augustus-11-processed-gene-73.31-mRNA-1	Indica	NA		Os11g0211800	OsR498G1119608900.01.T02	
augustus-12-processed-gene-114.41-mRNA-1	Indica	NA			OsR498G1221348100.01.T02	Helicase and polymerase-containing protein TEBICHI
augustus-12-processed-gene-115.12-mRNA-1	Indica	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-12-processed-gene-126.23-mRNA-1	Indica	NA		Os12g0407800	OsR498G1221372700.01.T03	Pentatricopeptide repeat-containing protein
augustus-12-processed-gene-133.13-mRNA-1	Indica	NA			OsR498G1221406900.01.T01	
augustus-12-processed-gene-134.14-mRNA-1	Indica	NA			OsR498G1221411100.01.T01	NAC domain-containing protein (Fragment)
augustus-12-processed-gene-137.11-mRNA-1	Indica	NA		Os12g0422200	OsR498G1221421300.01.T01	DUF295 domain-containing protein
augustus-12-processed-gene-137.12-mRNA-1	Indica	NA		Os12g0424600	OsR498G1221421500.01.T01	DUF295 domain-containing protein
augustus-12-processed-gene-140.30-mRNA-1	Indica	NA		Os12g0428200		Putative chloroplast nucleoid DNA binding protein
augustus-12-processed-gene-143.10-mRNA-1	Indica	NA		Os12g0432600	OsR498G1221448500.01.T01	RING finger domain-containing
augustus-12-processed-gene-209.6-mRNA-1	Indica	NA		Os12g0515500	OsR498G1221715900.01.T02	Zinc finger CCH domain-containing protein 67
augustus-12-processed-gene-209.8-mRNA-1	Indica	Indica		Os12g0516900	OsR498G1221718100.01.T02	F-box domain containing protein, expressed
augustus-12-processed-gene-210.14-mRNA-1	Indica	NA		Os12g0517000	OsR498G1221720100.01.T01	F-box domain-containing protein (Fragment)
augustus-12-processed-gene-210.15-mRNA-1	Indica	NA		Os12g0517100	OsR498G1221720500.01.T01	F-box domain containing protein, expressed
augustus-12-processed-gene-210.16-mRNA-1	Indica	NA		Os12g0517200	OsR498G1221720900.01.T02	Ribosomal protein S10, mitochondrial
augustus-12-processed-gene-211.34-mRNA-1	Indica	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-12-processed-gene-212.13-mRNA-1	Indica	Indica		Os12g0529900	OsR498G1221728500.01.T01	Flagellar attachment zone protein 1
augustus-12-processed-gene-215.2-mRNA-1	Indica	NA			OsR498G1221744300.01.T01	Epstein-Barr virus EBNA-1-like

augustus-12-processed-gene-227.14-mRNA-1	Indica	NA			OsR498G1221852500.01.T01	Protein DETOXIFICATION
augustus-2-processed-gene-151.22-mRNA-1	Indica	NA			OsR498G1221513100.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-2-processed-gene-166.21-mRNA-1	Indica	NA	LRR-TM		OsR498G0203803900.01.T01	NB-ARC domain-containing protein
augustus-2-processed-gene-167.54-mRNA-1	Indica	Japonica		Os02g0478900	OsR498G0202966300.01.T03	Protein kinase domain-containing protein
augustus-2-processed-gene-167.55-mRNA-1	Indica	NA		Os02g0478900	OsR498G0203805900.01.T02	Splicing factor
augustus-2-processed-gene-167.67-mRNA-1	Indica	NA			OsR498G0203809700.01.T01	Calcineurin b-like protein 3-like
augustus-2-processed-gene-167.68-mRNA-1	Indica	NA			OsR498G0203810500.01.T01	
augustus-2-processed-gene-167.81-mRNA-1	Indica	NA		Os02g0480100		ATP-dependent DNA helicase
augustus-2-processed-gene-169.3-mRNA-1	Indica	Japonica		Os02g0482400	OsR498G0917892000.01.T01	Diaminopimelate decarboxylase 2 chloroplastic
augustus-2-processed-gene-170.0-mRNA-1	Indica	NA		Os02g0484600	OsR498G0203823300.01.T01	Putative quercetin 3-O-glucoside-6''-O-malonyltransferase
augustus-2-processed-gene-170.23-mRNA-1	Indica	NA		Os02g0485800	OsR498G0203826500.01.T01	Putative quercetin 3-O-glucoside-6''-O-malonyltransferase
augustus-2-processed-gene-172.16-mRNA-1	Indica	Indica		Os02g0225200	OsR498G0203832900.01.T01	F-box family protein-like
augustus-2-processed-gene-172.35-mRNA-1	Indica	NA		Os01g0967000	OsR498G0305701300.01.T01	
augustus-2-processed-gene-181.13-mRNA-1	Indica	Japonica		Os02g0503300	OsR498G0203881700.01.T01	X8 domain-containing protein (Fragment)
augustus-2-processed-gene-182.13-mRNA-1	Indica	NA			OsR498G0203883900.01.T02	UDP-N-acetylmuramoyl-L-alanyl-D-glutamate--2, 6-diaminopimelate ligase
augustus-2-processed-gene-185.36-mRNA-1	Indica	NA		Os02g0510000	OsR498G0203902900.01.T01	J domain-containing protein (Fragment)
augustus-2-processed-gene-185.37-mRNA-1	Indica	Japonica		Os02g0510200	OsR498G0203903500.01.T02	Acetolactate synthase
augustus-2-processed-gene-185.38-mRNA-1	Indica	NA		Os02g0510600	OsR498G0203903900.01.T01	Farnesylated protein 3
augustus-2-processed-gene-187.10-mRNA-1	Indica	Japonica		Os02g0511400	OsR498G0203905300.01.T04	Cis-2,3-dihydrobiphenyl-2,3-diol dehydrogenase
augustus-2-processed-gene-187.9-mRNA-1	Indica	NA		Os02g0511400	OsR498G0203905300.01.T03	11-beta-hydroxysteroid dehydrogenase-like 6
augustus-2-processed-gene-190.44-mRNA-1	Indica	NA		Os02g0516400	OsR498G0203926000.01.T02	Major ampullate spidroin 2-2
augustus-2-processed-gene-191.26-mRNA-1	Indica	NA			OsR498G0203930900.01.T01	
augustus-2-processed-gene-192.13-mRNA-1	Indica	Indica		Os02g0302500	OsR498G0203943500.01.T02	zf-RVT domain-containing protein
augustus-2-processed-gene-192.20-mRNA-1	Indica	NA		Os02g0517700	OsR498G0203938000.01.T01	
augustus-2-processed-gene-192.23-mRNA-1	Indica	NA		Os02g0518000	OsR498G0203939200.01.T01	
augustus-2-processed-gene-208.21-mRNA-1	Indica	NA			OsR498G0612206300.01.T01	Beta-hexosaminidase
augustus-2-processed-gene-223.26-mRNA-1	Indica	NA			OsR498G0204155200.01.T01	RING-H2 finger protein ATL65
augustus-2-processed-gene-234.36-mRNA-1	Indica	NA		Os02g0594300		Ethylene-responsive transcription factor LEP
augustus-2-processed-gene-24.8-mRNA-1	Indica	NA		Os02g0143400	OsR498G0202954000.01.T01	Auxin-induced protein 6B
augustus-2-processed-gene-245.29-mRNA-1	Indica	NA		Os06g0272601	OsR498G0204300200.01.T01	dNK domain-containing protein
augustus-2-processed-gene-247.15-mRNA-1	Indica	Indica	LRR-TM	Os02g0615300	OsR498G0204309700.01.T01	Putative LRR receptor-like serine/threonine-protein kinase (Fragment)
augustus-2-processed-gene-247.42-mRNA-1	Indica	NA			OsR498G0204310000.01.T01	
augustus-2-processed-gene-25.12-mRNA-1	Indica	NA			OsR498G0202962100.01.T01	
augustus-2-processed-gene-251.11-mRNA-1	Indica	NA	LRR-TM		OsR498G0204320700.01.T01	Leucine-rich repeat-like protein
augustus-2-processed-gene-254.22-mRNA-1	Indica	NA			OsR498G0204330800.01.T01	
augustus-2-processed-gene-26.11-mRNA-1	Indica	Indica		Os02g0147300	OsR498G0202966300.01.T03	TOG domain-containing protein (Fragment)
augustus-2-processed-gene-26.25-mRNA-1	Indica	NA		Os02g0147600	OsR498G0202967600.01.T01	
augustus-2-processed-gene-262.50-mRNA-1	Indica	NA		Os02g0633200		Membrane-associated salt-inducible protein like
augustus-2-processed-gene-267.39-mRNA-1	Indica	NA			OsR498G0204414300.01.T05	Pentatricopeptide repeat-containing protein mitochondrial
augustus-2-processed-gene-30.34-mRNA-1	Indica	NA		Os02g0154600	OsR498G0202991900.01.T04	TPT domain-containing protein
augustus-2-processed-gene-30.39-mRNA-1	Indica	NA	Kinase-LRR-TM	Os02g0153100	OsR498G0202989000.01.T01	Putative Phytosulfokine receptor
augustus-2-processed-gene-30.40-mRNA-1	Indica	NA	Kinase-LRR-TM	Os02g0153200	OsR498G0202989400.01.T01	Putative Phytosulfokine receptor
augustus-2-processed-gene-30.41-mRNA-1	Indica	NA	Kinase-LRR-TM			Putative leucine-rich repeat receptor-like kinase
augustus-2-processed-gene-30.42-mRNA-1	Indica	Japonica	Kinase-LRR-TM	Os02g0153700	OsR498G0202991600.01.T01	Putative leucine-rich repeat receptor-like kinase
augustus-2-processed-gene-30.44-mRNA-1	Indica	NA	Kinase-LRR-TM	Os02g0153900	OsR498G0202990800.01.T01	Putative leucine-rich repeat receptor-like kinase
augustus-2-processed-gene-31.11-mRNA-1	Indica	NA	LRR-TM	Os02g0155700		Tyrosine-sulfated glycopeptide receptor 1
augustus-2-processed-gene-31.8-mRNA-1	Indica	Indica		Os05g0523100	OsR498G0202992400.01.T01	
augustus-2-processed-gene-32.19-mRNA-1	Indica	NA		Os02g0158800	OsR498G0203005900.01.T01	Alpha-galactosidase
augustus-2-processed-gene-32.4-mRNA-1	Indica	Indica		Os08g0114000	OsR498G0203003900.01.T01	T-complex protein 1 subunit eta
augustus-2-processed-gene-33.34-mRNA-1	Indica	NA	Kinase-TM	Os02g0161000	OsR498G0203015000.01.T02	Non-specific serine/threonine protein kinase
augustus-2-processed-gene-34.2-mRNA-1	Indica	Japonica	LRR-TM	Os02g0161700	OsR498G0203018700.01.T01	LRR receptor-like serine/threonine-protein kinase FLS2
augustus-2-processed-gene-37.63-mRNA-1	Indica	NA		Os02g0168500	OsR498G0203045700.01.T03	O-fucosyltransferase family protein (Fragment)
augustus-2-processed-gene-45.1-mRNA-1	Indica	Indica		Os02g0180200	OsR498G0203091300.01.T03	Nucleoid-associated protein chloroplastic
augustus-2-processed-gene-46.17-mRNA-1	Indica	NA			OsR498G0203101000.01.T01	Zinc finger protein 2
augustus-2-processed-gene-49.25-mRNA-1	Indica	NA		Os02g0188600		
augustus-2-processed-gene-49.4-mRNA-1	Indica	Indica		Os02g0187100	OsR498G0203117500.01.T02	cyclase-like protein 3
augustus-2-processed-gene-50.9-mRNA-1	Indica	NA		Os02g0189100	OsR498G0203126600.01.T04	Mediator of RNA polymerase II transcription subunit 11
augustus-2-processed-gene-55.14-mRNA-1	Indica	Indica		Os06g0609700	OsR498G0203157500.01.T04	Alpha/beta-Hydrolases superfamily protein
augustus-2-processed-gene-55.22-mRNA-1	Indica	NA			OsR498G0203154800.01.T01	GRAS domain-containing protein (Fragment)
augustus-2-processed-gene-55.24-mRNA-1	Indica	NA			OsR498G0203156600.01.T01	Chlorophyll a-b binding protein, chloroplastic
augustus-2-processed-gene-95.22-mRNA-1	Indica	NA				Transposon protein, putative, CACTA, En/Spm sub-class

augustus-2-processed-gene-98.19-mRNA-1	Indica	Indica		Os02g0270933	OsR498G0203388600.01.T02	Subtilisin-like protease
augustus-3-processed-gene-324.15-mRNA-1	Indica	NA		Os10g0379100	OsR498G1018470900.01.T01	Tryptamine hydroxycinnamoyl transferase
augustus-3-processed-gene-328.20-mRNA-1	Indica	NA		Os08g0381000	OsR498G0916869000.01.T01	Cell wall protein-like
augustus-4-processed-gene-1.21-mRNA-1	Indica	Japonica		Os04g0171600	OsR498G0407629800.01.T01	Tyrosine N-monoxygenase
augustus-4-processed-gene-104.14-mRNA-1	Indica	Indica		Os04g0341500	OsR498G0408172900.01.T01	(+)-delta-cadinene synthase isozyme A
augustus-4-processed-gene-111.34-mRNA-1	Indica	NA		Os04g0348600	OsR498G0408222700.01.T01	Response regulatory domain-containing protein (Fragment)
augustus-4-processed-gene-112.0-mRNA-1	Indica	Indica		Os04g0351333	OsR498G0408226900.01.T02	
augustus-4-processed-gene-118.13-mRNA-1	Indica	Indica		Os04g0361500	OsR498G0408287300.01.T01	L-gulonolactone oxidase
augustus-4-processed-gene-125.16-mRNA-1	Indica	NA		Os04g0370500	OsR498G0408346500.01.T01	F-box domain-containing protein
augustus-4-processed-gene-131.48-mRNA-1	Indica	NA			OsR498G0408386900.01.T01	
augustus-4-processed-gene-134.17-mRNA-1	Indica	NA		Os04g0384100		
augustus-4-processed-gene-134.2-mRNA-1	Indica	NA		Os04g0383700	OsR498G0408405300.01.T01	
augustus-4-processed-gene-134.4-mRNA-1	Indica	NA			OsR498G0408405500.01.T01	
augustus-4-processed-gene-135.0-mRNA-1	Indica	NA			OsR498G0408414500.01.T01	Branchpoint-bridging
augustus-4-processed-gene-135.3-mRNA-1	Indica	Japonica		Os04g0386300	OsR498G0203898100.01.T01	Protein SHOOT GRAVITROPISM 5
augustus-4-processed-gene-136.6-mRNA-1	Indica	Indica		Os04g0387400	OsR498G0408424300.01.T04	MADS-box transcription factor 6
augustus-4-processed-gene-137.2-mRNA-1	Indica	Indica		Os04g0388800	OsR498G0408429700.01.T01	J domain-containing protein (Fragment)
augustus-4-processed-gene-145.29-mRNA-1	Indica	Japonica		Os04g0402700	OsR498G0407604900.01.T01	
augustus-4-processed-gene-148.27-mRNA-1	Indica	Indica		Os04g0407500	OsR498G0408513300.01.T01	
augustus-4-processed-gene-148.28-mRNA-1	Indica	NA		Os04g0407800		Gibberellin 2-beta-dioxygenase 8
augustus-4-processed-gene-148.59-mRNA-1	Indica	NA		Os04g0409500	OsR498G0408518400.01.T04	Metallophos domain-containing protein
augustus-4-processed-gene-149.46-mRNA-1	Indica	NA		Os04g0411200	OsR498G0408521900.01.T01	Protein LITTLE ZIPPER 4 isoform A
augustus-4-processed-gene-149.49-mRNA-1	Indica	NA		Os04g0411800	OsR498G0408524100.01.T01	AB hydrolase-1 domain-containing protein
augustus-4-processed-gene-149.70-mRNA-1	Indica	NA		Os04g0411400	OsR498G0408522400.01.T01	Centroradialis
augustus-4-processed-gene-150.1-mRNA-1	Indica	NA		Os04g0412100	OsR498G0408525300.01.T01	Ferredoxin (Fragment)
augustus-4-processed-gene-151.11-mRNA-1	Indica	NA		Os04g0414800	OsR498G0408537500.01.T03	Pentatricopeptide repeat-containing protein, mitochondrial
augustus-4-processed-gene-154.22-mRNA-1	Indica	NA	Kinase-TM	Os04g0420600	OsR498G0408563300.01.T01	Non-specific serine/threonine protein kinase (Fragment)
augustus-4-processed-gene-159.17-mRNA-1	Indica	NA		Os04g0429800	OsR498G0408584900.01.T04	Nicotinate phosphoribosyltransferase
augustus-4-processed-gene-201.1-mRNA-1	Indica	NA		Os04g0508600	OsR498G0408868100.01.T01	Putative lung seven transmembrane receptor 1
augustus-4-processed-gene-201.2-mRNA-1	Indica	NA			OsR498G0408868500.01.T01	
augustus-4-processed-gene-244.32-mRNA-1	Indica	NA				Poly(A) polymerase
augustus-4-processed-gene-254.28-mRNA-1	Indica	Indica		Os08g0224700	OsR498G0409250600.01.T01	26S proteasome non-ATPase regulatory subunit 1 homolog
augustus-4-processed-gene-284.34-mRNA-1	Indica	NA		Os04g0663100	OsR498G0409437500.01.T05	Orphans transcription factor
augustus-4-processed-gene-285.29-mRNA-1	Indica	Indica		Os04g0664500	OsR498G0409443100.01.T01	Agmatine hydroxycinnamoyltransferase 1
augustus-4-processed-gene-34.22-mRNA-1	Indica	NA		Os04g0225700	OsR498G0407767500.01.T01	BURP domain-containing protein 5
augustus-4-processed-gene-37.12-mRNA-1	Indica	NA			OsR498G0510283100.01.T01	Splicing coactivator subunit-like
augustus-4-processed-gene-86.16-mRNA-1	Indica	NA			OsR498G0408109200.01.T01	SRF-type transcription factor family protein
augustus-5-processed-gene-141.59-mRNA-1	Indica	NA		Os05g0305700	OsR498G0510414000.01.T01	Homeobox protein SIX3-like isoform X2
augustus-5-processed-gene-155.44-mRNA-1	Indica	NA		Os03g0110200	OsR498G0101158000.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-5-processed-gene-160.34-mRNA-1	Indica	NA		Os12g0468900	OsR498G0713957300.01.T01	Cell wall protein-like
augustus-5-processed-gene-161.11-mRNA-1	Indica	NA			OsR498G0510526300.01.T01	
augustus-5-processed-gene-161.19-mRNA-1	Indica	NA		Os05g0332000	OsR498G0510526000.01.T01	Putative prolamin 7
augustus-5-processed-gene-161.27-mRNA-1	Indica	Indica		Os05g0332600	OsR498G0510530600.01.T01	Adenine/guanine permease AZG1
augustus-5-processed-gene-161.5-mRNA-1	Indica	NA		Os05g0332000	OsR498G0510526000.01.T01	Putative prolamin 7
augustus-5-processed-gene-162.23-mRNA-1	Indica	Japonica		Os05g0333000	OsR498G1019239600.01.T06	60S ribosomal export protein NMD3
augustus-5-processed-gene-164.6-mRNA-1	Indica	Indica		Os05g0335800	OsR498G0510544200.01.T01	Peptide transporter PTR3-A
augustus-5-processed-gene-173.12-mRNA-1	Indica	NA			OsR498G0510603400.01.T01	
augustus-5-processed-gene-173.13-mRNA-1	Indica	Japonica		Os05g0350900	OsR498G0510603600.01.T01	Tuber-specific and sucrose-responsive element binding factor
augustus-5-processed-gene-181.27-mRNA-1	Indica	NA			OsR498G0510664200.01.T02	
augustus-5-processed-gene-181.28-mRNA-1	Indica	NA		Os05g0363600	OsR498G0510666200.01.T01	Catalytic/ oxidoreductase, acting on NADH or NADPH
augustus-5-processed-gene-183.31-mRNA-1	Indica	NA				
augustus-5-processed-gene-183.53-mRNA-1	Indica	NA		Os12g0635700	OsR498G1222170400.01.T01	Elongation of fatty acids protein 3-like
augustus-5-processed-gene-187.11-mRNA-1	Indica	NA		Os05g0370000	OsR498G0510689400.01.T01	Pentatricopeptide repeat
augustus-5-processed-gene-187.34-mRNA-1	Indica	Japonica		Os05g0370300	OsR498G0714930700.01.T01	C2 domain-containing protein (Fragment)
augustus-5-processed-gene-190.25-mRNA-1	Indica	NA			OsR498G0510708400.01.T01	ABC-type lipoprotein export system, ATPase component
augustus-5-processed-gene-190.32-mRNA-1	Indica	NA		Os05g0375400	OsR498G0510710800.01.T02	Putative O-Glycosyl hydrolase superfamily protein
augustus-5-processed-gene-212.28-mRNA-1	Indica	NA		Os05g0412300		
augustus-5-processed-gene-223.35-mRNA-1	Indica	NA		Os05g0433000		Serine/threonine-protein kinase SAPK8
augustus-5-processed-gene-25.28-mRNA-1	Indica	NA		Os05g0145100	OsR498G0509725400.01.T01	
augustus-5-processed-gene-281.27-mRNA-1	Indica	NA			OsR498G0815745200.01.T01	SWIM-type domain-containing protein
augustus-5-processed-gene-282.38-mRNA-1	Indica	NA			OsR498G0917328500.01.T01	Ribonuclease H

augustus-5-processed-gene-286.59-mRNA-1	Indica	NA		Os05g0554100	OsR498G0511312600.01.T01	Ribosomal protein L7/L12 oligomerization
augustus-5-processed-gene-287.4-mRNA-1	Indica	Indica		Os01g0681900	OsR498G0511318100.01.T02	NADH-dependent glutamate synthase
augustus-5-processed-gene-288.20-mRNA-1	Indica	NA		Os05g0558000	OsR498G0511325800.01.T01	Ribosomal L1 domain-containing protein 1
augustus-5-processed-gene-288.25-mRNA-1	Indica	Indica		Os10g0549850	OsR498G0511327600.01.T01	
augustus-5-processed-gene-292.53-mRNA-1	Indica	NA			OsR498G0511350600.01.T01	Ethylene-responsive transcription factor
augustus-5-processed-gene-292.54-mRNA-1	Indica	NA		Os05g0565500	OsR498G0511352200.01.T01	Putative 3-hydroxyisobutyrate dehydrogenase-like 3 mitochondrial
augustus-5-processed-gene-293.32-mRNA-1	Indica	NA		Os05g0567500	OsR498G0511359200.01.T06	ENDO3c domain-containing protein (Fragment)
augustus-5-processed-gene-293.4-mRNA-1	Indica	NA	Kinase-TM	Os05g0566400	OsR498G0511355000.01.T05	Mitogen-activated protein kinase
augustus-5-processed-gene-293.5-mRNA-1	Indica	NA		Os05g0566500	OsR498G0511356000.01.T01	Eukaryotic translation initiation factor 3 subunit D
augustus-5-processed-gene-294.30-mRNA-1	Indica	NA		Os05g0568300	OsR498G0511363600.01.T01	Large subunit ribosomal protein L7/L12
augustus-5-processed-gene-294.34-mRNA-1	Indica	NA			OsR498G0511368000.01.T01	CTP synthase (glutamine hydrolyzing)
augustus-5-processed-gene-295.46-mRNA-1	Indica	NA		Os05g0570300	OsR498G0511370200.01.T01	DUF295 domain-containing protein
augustus-5-processed-gene-296.27-mRNA-1	Indica	NA		Os05g0572900	OsR498G0511376600.01.T01	Pentatricopeptide repeat
augustus-5-processed-gene-298.25-mRNA-1	Indica	NA		Os05g0577500	OsR498G0511394400.01.T01	Probable calcium-binding protein CML14
augustus-5-processed-gene-298.4-mRNA-1	Indica	NA			OsR498G0511390200.01.T01	Non-specific serine/threonine protein kinase
augustus-5-processed-gene-298.6-mRNA-1	Indica	NA		Os05g0576600	OsR498G0511391600.01.T01	J domain-containing protein
augustus-5-processed-gene-307.45-mRNA-1	Indica	NA		Os05g0594200	OsR498G0511449400.01.T01	Vacuolar cation/proton exchanger
augustus-5-processed-gene-46.28-mRNA-1	Indica	NA		Os05g0178400	OsR498G0509853800.01.T01	Serine/threonine protein phosphatase 2A regulatory subunit
augustus-5-processed-gene-56.19-mRNA-1	Indica	Indica		Os05g0192100	OsR498G0509914200.01.T01	Stem 28 kDa glycoprotein
augustus-5-processed-gene-66.22-mRNA-1	Indica	Japonica	Kinase-TM	Os05g0208100	OsR498G0816176500.01.T01	Non-specific serine/threonine protein kinase
augustus-5-processed-gene-67.3-mRNA-1	Indica	Indica		Os01g0209700	OsR498G0509994400.01.T02	Gibberellin 2-beta-dioxygenase
augustus-5-processed-gene-71.21-mRNA-1	Indica	NA		Os05g0215700		
augustus-5-processed-gene-74.24-mRNA-1	Indica	NA			OsR498G0510045400.01.T01	
augustus-5-processed-gene-75.27-mRNA-1	Indica	NA		Os05g0223000	OsR498G0510053600.01.T01	Probable calcium-binding protein CML18
augustus-5-processed-gene-75.5-mRNA-1	Indica	Indica		Os05g0217800	OsR498G0510051200.01.T01	BURP domain-containing protein 8
augustus-6-processed-gene-299.7-mRNA-1	Indica	NA		Os06g0704400		Transposon protein, putative, mutator sub-class
augustus-6-processed-gene-309.53-mRNA-1	Indica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-6-processed-gene-44.67-mRNA-1	Indica	NA		Os06g0186400	OsR498G0611742200.01.T02	Carboxypeptidase
augustus-7-processed-gene-1.0-mRNA-1	Indica	NA		Os07g0101200	OsR498G0713357100.01.T04	BHLH domain-containing protein (Fragment)
augustus-7-processed-gene-10.16-mRNA-1	Indica	NA		Os07g0127500	OsR498G0713445900.01.T01	pathogenesis-related protein PR-1
augustus-7-processed-gene-10.20-mRNA-1	Indica	Indica		Os01g0382400	OsR498G0713447700.01.T01	SCP domain-containing protein
augustus-7-processed-gene-10.4-mRNA-1	Indica	NA			OsR498G1220887700.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-7-processed-gene-11.6-mRNA-1	Indica	Indica		Os07g0129200	OsR498G0713449300.01.T01	Pathogenesis-related protein class I (Fragment)
augustus-7-processed-gene-12.18-mRNA-1	Indica	NA	Kinase-TM	Os07g0130100	OsR498G0713460400.01.T01	L-type lectin-domain containing receptor kinase IV.2
augustus-7-processed-gene-12.19-mRNA-1	Indica	NA	Kinase-TM	Os07g0130200	OsR498G0713461200.01.T01	Putative receptor kinase Lecrk
augustus-7-processed-gene-12.20-mRNA-1	Indica	Japonica	Kinase-TM	Os07g0130300	OsR498G0713999000.01.T01	L-type lectin-domain containing receptor kinase IV.1
augustus-7-processed-gene-12.25-mRNA-1	Indica	NA	Kinase-TM	Os07g0130800	OsR498G0713462000.01.T01	Putative receptor kinase Lecrk
augustus-7-processed-gene-12.31-mRNA-1	Indica	NA	Kinase-TM	Os07g0132150	OsR498G0713464000.01.T01	L-type lectin-domain containing receptor kinase IV.2
augustus-7-processed-gene-13.14-mRNA-1	Indica	NA	Kinase-TM		OsR498G0713464300.01.T06	Putative receptor-type protein kinase LRK1
augustus-7-processed-gene-13.27-mRNA-1	Indica	Indica	Kinase-TM	Os07g0130200	OsR498G0713465300.01.T01	Putative receptor-type protein kinase LRK1
augustus-7-processed-gene-13.37-mRNA-1	Indica	Indica	Kinase-TM	Os07g0133100	OsR498G0713465800.01.T01	Non-specific serine/threonine protein kinase
augustus-7-processed-gene-158.9-mRNA-1	Indica	Japonica		Os07g0460100	OsR498G0509914200.01.T01	Stem 28 kDa glycoprotein
augustus-7-processed-gene-181.23-mRNA-1	Indica	NA	Kinase-TM	Os07g0493800	OsR498G0714347500.01.T01	Wall-associated protein kinase
augustus-7-processed-gene-182.53-mRNA-1	Indica	NA		Os07g0496300		protein FAR-RED IMPAIRED RESPONSE 1-like
augustus-7-processed-gene-184.26-mRNA-1	Indica	Indica		Os02g0452800	OsR498G0714367900.01.T01	DUF295 domain-containing protein
augustus-7-processed-gene-184.42-mRNA-1	Indica	NA		Os07g0499900		DUF295 domain-containing protein
augustus-7-processed-gene-184.5-mRNA-1	Indica	NA				
augustus-7-processed-gene-193.58-mRNA-1	Indica	Japonica		Os07g0514801	OsR498G0306608800.01.T06	
augustus-7-processed-gene-198.23-mRNA-1	Indica	NA	CC-NBS-TM	Os07g0521800	OsR498G0714451300.01.T01	Putative resistance complex protein I2C-2
augustus-7-processed-gene-200.18-mRNA-1	Indica	NA		Os07g0526600	OsR498G0714472500.01.T01	Putative carboxylesterase 2
augustus-7-processed-gene-201.21-mRNA-1	Indica	NA			OsR498G0714474500.01.T01	
augustus-7-processed-gene-204.10-mRNA-1	Indica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus-7-processed-gene-205.42-mRNA-1	Indica	NA		Os07g0533800	OsR498G0714494400.01.T01	Putative nucleoid DNA-binding protein cnd41
augustus-7-processed-gene-206.31-mRNA-1	Indica	NA			OsR498G0714501300.01.T02	Gnk2-homologous domain-containing protein (Fragment)
augustus-7-processed-gene-208.7-mRNA-1	Indica	NA	Kinase-TM			Receptor-like serine/threonine-protein kinase
augustus-7-processed-gene-216.24-mRNA-1	Indica	NA			OsR498G0714552500.01.T01	F-box domain-containing protein
augustus-7-processed-gene-216.35-mRNA-1	Indica	Japonica		Os07g0554200	OsR498G0714554100.01.T01	F-box domain-containing protein
augustus-7-processed-gene-216.36-mRNA-1	Indica	NA				NAM-associated domain-containing protein
augustus-7-processed-gene-231.4-mRNA-1	Indica	NA		Os07g0577300	OsR498G0714622900.01.T06	Glucan endo-1,3-beta-D-glucosidase
augustus-7-processed-gene-232.24-mRNA-1	Indica	NA		Os10g0460000	OsR498G0204348500.01.T01	
augustus-7-processed-gene-241.42-mRNA-1	Indica	Indica		Os12g0230600	OsR498G0714697900.01.T01	

augustus-7-processed-gene-34.14-mRNA-1	Indica	NA		Os07g0172600	OsR498G0713602400.01.T01	Pentatricopeptide repeat-containing protein103
augustus-7-processed-gene-35.1-mRNA-1	Indica	Indica		Os07g0174700	OsR498G0713607100.01.T02	Constitutive photomorphogenesis protein 10
augustus-7-processed-gene-5.16-mRNA-1	Indica	NA			OsR498G0713409700.01.T01	DUF4220 domain-containing protein (Fragment)
augustus-8-processed-gene-102.30-mRNA-1	Indica	NA			OsR498G0306743300.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus-8-processed-gene-103.47-mRNA-1	Indica	NA	LRR-TM	Os08g0266400		Putative somatic embryogenesis protein kinase 1
augustus-8-processed-gene-104.16-mRNA-1	Indica	NA		Os08g0267000	OsR498G0815588200.01.T01	FBD domain-containing protein
augustus-8-processed-gene-122.25-mRNA-1	Indica	NA				
augustus-8-processed-gene-131.7-mRNA-1	Indica	NA		Os08g0297500		
augustus-8-processed-gene-156.20-mRNA-1	Indica	NA			OsR498G0102174700.01.T01	Transposon protein, putative, unclassified
augustus-8-processed-gene-164.30-mRNA-1	Indica	NA				
augustus-8-processed-gene-165.22-mRNA-1	Indica	NA		Os08g0351300		
augustus-8-processed-gene-165.3-mRNA-1	Indica	NA			OsR498G0815866000.01.T01	
augustus-8-processed-gene-178.22-mRNA-1	Indica	NA			OsR498G0713579700.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-8-processed-gene-189.5-mRNA-1	Indica	NA	NBS-TM	Os08g0373400		CC-NBS-LRR type disease resistance protein NLR1-V
augustus-8-processed-gene-190.23-mRNA-1	Indica	NA			OsR498G0815948900.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus-8-processed-gene-192.14-mRNA-1	Indica	NA		Os08g0378800	OsR498G0815961000.01.T01	SAM domain-containing protein (Fragment)
augustus-8-processed-gene-192.16-mRNA-1	Indica	NA		Os08g0379000	OsR498G0815961400.01.T05	Nuclear factor of activated T-cells 5 isoform X2
augustus-8-processed-gene-194.33-mRNA-1	Indica	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-8-processed-gene-215.20-mRNA-1	Indica	NA		Os08g0421850	OsR498G0816100800.01.T01	RING-type E3 ubiquitin transferase
augustus-8-processed-gene-221.59-mRNA-1	Indica	NA		Os04g0184800		Transposon protein, putative, Mutator sub-class
augustus-8-processed-gene-223.31-mRNA-1	Indica	Indica		Os08g0434300	OsR498G0816151600.01.T02	Malate dehydrogenase
augustus-8-processed-gene-231.5-mRNA-1	Indica	NA	Kinase-LRR-TM	Os08g0446200	OsR498G0816198200.01.T01	Leucine-rich repeat receptor-like protein kinase PEPR1
augustus-8-processed-gene-276.62-mRNA-1	Indica	NA		Os07g0513300	OsR498G0102262600.01.T01	Transposable element protein, putative, MuDR, expressed
augustus-8-processed-gene-32.23-mRNA-1	Indica	NA		Os08g0152600	OsR498G0815203800.01.T01	Protein enhanced disease resistance 2
augustus-8-processed-gene-33.7-mRNA-1	Indica	Indica		Os08g0153600	OsR498G0815207400.01.T04	Pentatricopeptide repeat-containing protein mitochondrial
augustus-8-processed-gene-33.8-mRNA-1	Indica	NA		Os08g0153800	OsR498G0815207800.01.T01	TRP-like ion channel pkd2
augustus-8-processed-gene-36.22-mRNA-1	Indica	NA		Os08g0158200	OsR498G0815235000.01.T01	Reticuline oxidase
augustus-8-processed-gene-41.17-mRNA-1	Indica	NA			OsR498G0204368800.01.T01	N-acetylmuramoyl-L-alanine amidase
augustus-8-processed-gene-62.12-mRNA-1	Indica	NA		Os08g0203900	OsR498G0815388600.01.T01	GDP-mannose transporter GONST4
augustus-9-processed-gene-100.5-mRNA-1	Indica	NA			OsR498G0917167800.01.T01	
augustus-9-processed-gene-103.24-mRNA-1	Indica	Japonica		Os09g0333600	OsR498G0917178000.01.T05	Pleiotropic drug resistance protein 4
augustus-9-processed-gene-132.23-mRNA-1	Indica	NA		Os09g0384900	OsR498G0917335000.01.T01	DUF295 domain-containing protein (Fragment)
augustus-9-processed-gene-133.2-mRNA-1	Indica	NA				Zinc finger transcription factor
augustus-9-processed-gene-139.32-mRNA-1	Indica	NA		Os09g0395400		
augustus-9-processed-gene-141.32-mRNA-1	Indica	NA	Kinase-LRR-TM	Os09g0400500	OsR498G0917406000.01.T01	Atypical receptor-like kinase MARK
augustus-9-processed-gene-144.32-mRNA-1	Indica	NA		Os09g0407800	OsR498G0917422800.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
augustus-9-processed-gene-70.14-mRNA-1	Indica	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-9-processed-gene-71.15-mRNA-1	Indica	NA			OsR498G1018968000.01.T01	ATP-dependent DNA helicase
augustus-9-processed-gene-72.22-mRNA-1	Indica	NA			OsR498G0204768400.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-1-processed-gene-16.17-mRNA-1	Indica	NA		Os01g0130900	OsR498G0100106000.01.T01	Mediator of RNA polymerase II transcription subunit 25 (Fragment)
augustus_masked-1-processed-gene-17.43-mRNA-1	Indica	NA		Os01g0132200	OsR498G0100112800.01.T01	Translation initiation factor IF-2-like
augustus_masked-1-processed-gene-17.46-mRNA-1	Indica	NA		Os01g0132766		Yin/yang transcription factor
augustus_masked-1-processed-gene-19.51-mRNA-1	Indica	NA		Os01g0136300	OsR498G0100124800.01.T01	
augustus_masked-1-processed-gene-19.53-mRNA-1	Indica	NA			OsR498G0100125400.01.T01	Protein kinase domain-containing protein
augustus_masked-1-processed-gene-19.55-mRNA-1	Indica	NA				Protein kinase domain-containing protein
augustus_masked-1-processed-gene-20.51-mRNA-1	Indica	NA				DDE Tnp4 domain-containing protein (Fragment)
augustus_masked-1-processed-gene-21.41-mRNA-1	Indica	NA			OsR498G0100133400.01.T01	
augustus_masked-1-processed-gene-26.22-mRNA-1	Indica	NA		Os01g0148500	OsR498G0100175200.01.T01	
augustus_masked-1-processed-gene-29.44-mRNA-1	Indica	Japonica		Os01g0154900	OsR498G0100193100.01.T01	Putative carboxylesterase 15
augustus_masked-1-processed-gene-29.45-mRNA-1	Indica	NA		Os01g0155000	OsR498G0100195800.01.T01	Putative carboxylesterase 15
augustus_masked-1-processed-gene-30.82-mRNA-1	Indica	NA			OsR498G0100202400.01.T01	
augustus_masked-1-processed-gene-30.85-mRNA-1	Indica	NA		Os01g0158100	OsR498G0100204400.01.T01	protein THYLAKOID ASSEMBLY 8, chloroplastic-like
augustus_masked-1-processed-gene-31.28-mRNA-1	Indica	Indica		Os01g0159200	OsR498G0100209000.01.T03	FAS1 domain-containing protein (Fragment)
augustus_masked-1-processed-gene-35.34-mRNA-1	Indica	NA		Os01g0168100	OsR498G0100225000.01.T04	NAB domain-containing protein (Fragment)
augustus_masked-1-processed-gene-35.53-mRNA-1	Indica	NA		Os01g0169400	OsR498G0100232000.01.T02	Ramosa 2
augustus_masked-1-processed-gene-350.13-mRNA-1	Indica	NA			OsR498G0102184300.01.T01	Anaphase-promoting complex subunit 5
augustus_masked-1-processed-gene-353.62-mRNA-1	Indica	NA				60S ribosomal protein L30
augustus_masked-1-processed-gene-353.78-mRNA-1	Indica	NA		Os01g0812900	OsR498G0102199000.01.T01	Protein RETICULATA-RELATED 3 chloroplastic
augustus_masked-1-processed-gene-354.66-mRNA-1	Indica	NA		Os01g0815900	OsR498G0102207400.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-1-processed-gene-356.51-mRNA-1	Indica	NA			OsR498G0102215800.01.T02	Pentatricopeptide repeat-containing protein
augustus_masked-1-processed-gene-359.33-mRNA-1	Indica	NA		Os01g0823700	OsR498G0102239000.01.T04	DUF641 domain-containing protein

augustus_masked-1-processed-gene-359.34-mRNA-1	Indica	NA		Os01g0823900	OsR498G0102239800.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-1-processed-gene-359.9-mRNA-1	Indica	NA		Os01g0822900	OsR498G0102234200.01.T02	Non-specific lipid-transfer protein (Fragment)
augustus_masked-1-processed-gene-362.22-mRNA-1	Indica	NA		Os01g0829600		
augustus_masked-1-processed-gene-362.25-mRNA-1	Indica	NA		Os01g0830200	OsR498G0102261800.01.T03	E3 ubiquitin-protein ligase RNF5
augustus_masked-1-processed-gene-362.28-mRNA-1	Indica	NA			OsR498G0102265800.01.T01	Ring finger protein 13 (Fragment)
augustus_masked-1-processed-gene-365.30-mRNA-1	Indica	NA			OsR498G0102280600.01.T01	
augustus_masked-1-processed-gene-366.27-mRNA-1	Indica	NA		Os01g0836800	OsR498G0102289000.01.T01	Lung seven transmembrane receptor family protein
augustus_masked-1-processed-gene-366.31-mRNA-1	Indica	NA		Os01g0837800	OsR498G0102292400.01.T02	Metal tolerance protein 5
augustus_masked-1-processed-gene-366.5-mRNA-1	Indica	NA			OsR498G0102287000.01.T01	
augustus_masked-1-processed-gene-367.40-mRNA-1	Indica	NA		Os01g0838200	OsR498G0102294600.01.T01	Protein kinase domain-containing protein
augustus_masked-1-processed-gene-367.41-mRNA-1	Indica	NA		Os01g0838600	OsR498G0102296000.01.T01	Zinc finger transcription factor ZFP19
augustus_masked-1-processed-gene-367.56-mRNA-1	Indica	NA		Os07g0433200	OsR498G0510328900.01.T01	Retrotransposon protein, putative, Ty1-copia subclass
augustus_masked-1-processed-gene-367.57-mRNA-1	Indica	NA			OsR498G0510328900.01.T01	
augustus_masked-1-processed-gene-367.60-mRNA-1	Indica	Japonica		Os01g0839500	OsR498G0305687300.01.T01	
augustus_masked-1-processed-gene-368.24-mRNA-1	Indica	NA		Os01g0840200	OsR498G0102302600.01.T01	Putative translation initiation factor IF-2
augustus_masked-1-processed-gene-470.25-mRNA-1	Indica	NA		Os01g0905800	OsR498G0102538200.01.T01	Fructose-bisphosphate aldolase
augustus_masked-1-processed-gene-470.30-mRNA-1	Indica	NA		Os01g0906425	OsR498G0102541200.01.T01	
augustus_masked-1-processed-gene-472.64-mRNA-1	Indica	NA		Os01g0909400	OsR498G0102552000.01.T01	DUF868 domain-containing protein
augustus_masked-1-processed-gene-473.25-mRNA-1	Indica	NA				Transcription factor BTF3
augustus_masked-1-processed-gene-474.24-mRNA-1	Indica	NA			OsR498G0102558800.01.T01	
augustus_masked-1-processed-gene-491.62-mRNA-1	Indica	NA		Os01g0941200	OsR498G0102675100.01.T01	Glucan endo-1,3-beta-glucosidase isoenzyme I
augustus_masked-1-processed-gene-7.51-mRNA-1	Indica	NA		Os01g0112100	OsR498G0100039200.01.T02	
augustus_masked-1-processed-gene-7.53-mRNA-1	Indica	NA		Os01g0112400	OsR498G0100040400.01.T02	probable aquaporin NIP-type
augustus_masked-1-processed-gene-8.12-mRNA-1	Indica	NA	Kinase-TM	Os01g0113400	OsR498G0100045000.01.T04	Cysteine-rich receptor-like protein kinase 37
augustus_masked-1-processed-gene-81.28-mRNA-1	Indica	NA		Os01g0246100	OsR498G0100539200.01.T05	Histone acetyltransferase
augustus_masked-1-processed-gene-9.31-mRNA-1	Indica	Indica	Kinase-TM	Os01g0117400	OsR498G0100056000.01.T03	Receptor-like kinase
augustus_masked-1-processed-gene-9.4-mRNA-1	Indica	NA	Kinase-TM	Os01g0115700	OsR498G0100051200.01.T01	Receptor-like kinase
augustus_masked-10-processed-gene-1.26-mRNA-1	Indica	Japonica		Os10g0100700	OsR498G0713353000.01.T01	Pyridoxal 5'-phosphate synthase subunit PDX1
augustus_masked-10-processed-gene-112.18-mRNA-1	Indica	NA		Os10g0444700	OsR498G1018804000.01.T01	H(+)/Pi cotransporter
augustus_masked-10-processed-gene-122.15-mRNA-1	Indica	NA		Os04g0156200	OsR498G04047574100.01.T01	
augustus_masked-10-processed-gene-122.33-mRNA-1	Indica	NA			OsR498G0407569700.01.T01	DUF4220 domain-containing protein (Fragment)
augustus_masked-10-processed-gene-128.17-mRNA-1	Indica	NA		Os09g0543400	OsR498G0407525900.01.T01	Diaminopimelate decarboxylase 2 chloroplastic
augustus_masked-10-processed-gene-131.8-mRNA-1	Indica	NA		Os04g0125700	OsR498G0407519500.01.T01	Putative receptor-type protein kinase LRK1
augustus_masked-10-processed-gene-142.16-mRNA-1	Indica	NA				
augustus_masked-10-processed-gene-148.16-mRNA-1	Indica	NA	Kinase-TM	Os04g0103500	OsR498G0407421200.01.T01	G-type lectin 5-receptor-like serine/threonine-protein kinase
augustus_masked-10-processed-gene-155.25-mRNA-1	Indica	NA		Os10g0451700	OsR498G1018827600.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class, expressed
augustus_masked-10-processed-gene-156.11-mRNA-1	Indica	NA		Os10g0453200		Putative retrotransposon protein ty3-gypsy subclass
augustus_masked-10-processed-gene-156.8-mRNA-1	Indica	NA		Os10g0452900	OsR498G1018830200.01.T01	Glycine-rich cell wall structural protein 2
augustus_masked-10-processed-gene-159.40-mRNA-1	Indica	NA		Os10g0459700	OsR498G1018848000.01.T01	Xyloglucan galactosyltransferase KATAMARI1
augustus_masked-10-processed-gene-161.6-mRNA-1	Indica	NA			OsR498G1018855600.01.T01	
augustus_masked-10-processed-gene-25.16-mRNA-1	Indica	NA	LRR-NBS-TM	Os10g0136100		NB-ARC domain containing protein, expressed
augustus_masked-10-processed-gene-27.39-mRNA-1	Indica	NA		Os10g0139700	OsR498G1018117600.01.T01	Cytochrome P450 family 87 subfamily A polypeptide 6
augustus_masked-10-processed-gene-28.25-mRNA-1	Indica	NA		Os10g0140700	OsR498G1018118600.01.T01	
augustus_masked-10-processed-gene-28.27-mRNA-1	Indica	NA		Os10g0140300	OsR498G1018119400.01.T01	GDSL esterase/lipase
augustus_masked-10-processed-gene-31.37-mRNA-1	Indica	NA		Os10g0147900	OsR498G1018144800.01.T02	Armadillo/beta-catenin-like repeat family protein, expressed
augustus_masked-10-processed-gene-38.31-mRNA-1	Indica	Japonica	Kinase	Os10g0157400	OsR498G1018162400.01.T01	Putative cyclin-dependent kinase F-2
augustus_masked-10-processed-gene-39.19-mRNA-1	Indica	NA		Os10g0158100	OsR498G1018179200.01.T01	Very-long-chain 3-oxoacyl-CoA synthase
augustus_masked-10-processed-gene-41.11-mRNA-1	Indica	NA		Os10g0160100	OsR498G1018192000.01.T01	Glucan endo-1,3-beta-glucosidase 7
augustus_masked-10-processed-gene-5.20-mRNA-1	Indica	NA	Kinase-TM	Os10g0104800	OsR498G1018012400.01.T01	Proline-rich receptor-like protein kinase PERK4
augustus_masked-10-processed-gene-50.39-mRNA-1	Indica	NA		Os12g0484600	OsR498G0307220700.01.T01	Nodulin-like domain-containing protein (Fragment)
augustus_masked-10-processed-gene-51.21-mRNA-1	Indica	Indica		Os11g0708500	OsR498G1018251600.01.T01	Pyridoxal biosynthesis lyase pdx5
augustus_masked-10-processed-gene-54.31-mRNA-1	Indica	Japonica	Kinase	Os10g0174800	OsR498G1018205800.01.T02	Wall-associated receptor kinase 2
augustus_masked-10-processed-gene-66.35-mRNA-1	Indica	NA			OsR498G1018333000.01.T01	PMD domain-containing protein
augustus_masked-10-processed-gene-68.13-mRNA-1	Indica	NA			OsR498G0510213600.01.T01	
augustus_masked-10-processed-gene-87.19-mRNA-1	Indica	Indica		Os10g0213700	OsR498G1018399800.01.T01	Acidic leucine-rich nuclear phosphoprotein 32-related protein
augustus_masked-10-processed-gene-92.4-mRNA-1	Indica	NA			OsR498G0203809100.01.T01	DUF834 domain-containing protein
augustus_masked-11-processed-gene-252.24-mRNA-1	Indica	Indica		Os11g0683800	OsR498G1120730400.01.T01	Pectinesterase
augustus_masked-11-processed-gene-253.37-mRNA-1	Indica	NA	NBS-TM	Os11g0686900	OsR498G1120736800.01.T01	NBS-LRR disease resistance protein homologue-like
augustus_masked-11-processed-gene-255.23-mRNA-1	Indica	NA			OsR498G0511458200.01.T01	
augustus_masked-11-processed-gene-259.30-mRNA-1	Indica	NA		Os10g0192300	OsR498G0306363500.01.T01	ATP-dependent DNA helicase
augustus_masked-11-processed-gene-69.1-mRNA-1	Indica	NA			OsR498G0305447100.01.T01	

augustus_masked-11-processed-gene-83.18-mRNA-1	Indica	NA	CC-LRR-NBS-TM			NBS-LRR type protein (Fragment)
augustus_masked-11-processed-gene-84.45-mRNA-1	Indica	Indica		Os11g0231400	OsR498G1119654600.01.T01	F-box domain containing protein-like
augustus_masked-12-processed-gene-113.3-mRNA-1	Indica	NA		Os12g0288400	OsR498G1221338800.01.T02	E3 ubiquitin-protein ligase RGLG1
augustus_masked-12-processed-gene-117.13-mRNA-1	Indica	NA		Os12g0295600		Thioredoxin M-type
augustus_masked-12-processed-gene-148.19-mRNA-1	Indica	NA			OsR498G1221454800.01.T01	
augustus_masked-12-processed-gene-150.5-mRNA-1	Indica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-2-processed-gene-167.87-mRNA-1	Indica	NA			OsR498G0203808600.01.T01	
augustus_masked-3-processed-gene-162.61-mRNA-1	Indica	NA			OsR498G0203810500.01.T01	
augustus_masked-3-processed-gene-180.60-mRNA-1	Indica	NA		Os03g0370250	OsR498G0306020800.01.T01	GeBP transcription factor
augustus_masked-3-processed-gene-185.22-mRNA-1	Indica	NA		Os03g0379500	OsR498G0305248900.01.T01	30S ribosomal protein S4, chloroplastic
augustus_masked-3-processed-gene-192.19-mRNA-1	Indica	NA		Os03g0392300	OsR498G0306092300.01.T01	GTP-binding protein 1 isoform 2
augustus_masked-3-processed-gene-192.29-mRNA-1	Indica	Indica		Os04g0465100	OsR498G0306091600.01.T01	Peroxidase
augustus_masked-3-processed-gene-192.30-mRNA-1	Indica	NA		Os03g0392400	OsR498G0306092800.01.T02	J domain-containing protein
augustus_masked-3-processed-gene-197.1-mRNA-1	Indica	NA		Os03g0397500	OsR498G0306113900.01.T02	Pre-mRNA-processing factor
augustus_masked-3-processed-gene-198.17-mRNA-1	Indica	Japonica		Os03g0399800	OsR498G0306125100.01.T01	Mannose-binding lectin
augustus_masked-3-processed-gene-199.47-mRNA-1	Indica	NA		Os03g0401200	OsR498G0306131600.01.T01	J domain-containing protein
augustus_masked-3-processed-gene-265.45-mRNA-1	Indica	NA			OsR498G1018686900.01.T02	Exonuclease family protein, expressed
augustus_masked-3-processed-gene-283.22-mRNA-1	Indica	NA		Os10g0397800	OsR498G1018652000.01.T02	Solute carrier family 25 member 44
augustus_masked-3-processed-gene-299.2-mRNA-1	Indica	NA		Os10g0374200	OsR498G1018572600.01.T01	
augustus_masked-3-processed-gene-302.15-mRNA-1	Indica	Indica		Os03g0193000	OsR498G1018558000.01.T02	GRAS domain-containing protein (Fragment)
augustus_masked-3-processed-gene-302.25-mRNA-1	Indica	NA		Os10g0369500	OsR498G1018557800.01.T01	Yippee domain-containing protein
augustus_masked-3-processed-gene-302.27-mRNA-1	Indica	NA		Os10g0369000	OsR498G1018557000.01.T01	Glutamyl-tRNA synthetase
augustus_masked-3-processed-gene-304.34-mRNA-1	Indica	NA		Os10g0363600	OsR498G1018549300.01.T04	F-box/kelch-repeat protein At1g22040
augustus_masked-3-processed-gene-306.0-mRNA-1	Indica	NA		Os10g0362300	OsR498G1018542200.01.T02	Histidine kinase
augustus_masked-3-processed-gene-306.14-mRNA-1	Indica	NA		Os10g0361350	OsR498G1018537100.01.T01	PLAT domain-containing protein (Fragment)
augustus_masked-3-processed-gene-306.15-mRNA-1	Indica	NA			OsR498G1018537500.01.T01	
augustus_masked-3-processed-gene-306.16-mRNA-1	Indica	NA		Os10g0361000	OsR498G1018537100.01.T01	PLAT domain-containing protein (Fragment)
augustus_masked-3-processed-gene-308.31-mRNA-1	Indica	Indica		Os03g0199100	OsR498G1018531100.01.T01	
augustus_masked-3-processed-gene-311.17-mRNA-1	Indica	NA				Nucleoside phosphatase
augustus_masked-3-processed-gene-312.16-mRNA-1	Indica	NA		Os10g0348600	OsR498G1018516200.01.T01	DUF4220 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-326.32-mRNA-1	Indica	NA		Os10g0327800	OsR498G1018453300.01.T03	Tyrosine-sulfated glycopeptide receptor 1
augustus_masked-3-processed-gene-327.12-mRNA-1	Indica	NA		Os10g0326400	OsR498G1018446200.01.T01	F-box domain containing protein, expressed
augustus_masked-3-processed-gene-392.5-mRNA-1	Indica	NA			OsR498G0306695700.01.T01	
augustus_masked-3-processed-gene-462.38-mRNA-1	Indica	NA			OsR498G0307158400.01.T01	Pentatricopeptide repeat-containing protein (Fragment)
augustus_masked-4-processed-gene-0.19-mRNA-1	Indica	NA		Os04g0169500	OsR498G0407624000.01.T02	Putative oxaloacetate decarboxylase gamma chain
augustus_masked-4-processed-gene-1.39-mRNA-1	Indica	Japonica		Os04g0172400	OsR498G0407698300.01.T01	Acyl transferase 15
augustus_masked-4-processed-gene-111.43-mRNA-1	Indica	NA				U11/U12 small nuclear ribonucleoprotein 48 kDa protein
augustus_masked-4-processed-gene-112.15-mRNA-1	Indica	Indica		Os04g0350100	OsR498G0408228000.01.T01	Cysteine proteinase inhibitor B
augustus_masked-4-processed-gene-126.20-mRNA-1	Indica	NA			OsR498G0714707400.01.T01	
augustus_masked-4-processed-gene-133.17-mRNA-1	Indica	NA		Os04g0382900	OsR498G0408404100.01.T01	
augustus_masked-4-processed-gene-136.25-mRNA-1	Indica	NA		Os04g0387600	OsR498G0408425200.01.T01	
augustus_masked-4-processed-gene-148.20-mRNA-1	Indica	NA			OsR498G0408512800.01.T01	IQ calmodulin-binding motif family protein, expressed
augustus_masked-4-processed-gene-150.28-mRNA-1	Indica	NA		Os04g0412400		
augustus_masked-4-processed-gene-153.9-mRNA-1	Indica	NA			OsR498G0408553000.01.T01	Protein kinase domain-containing protein
augustus_masked-4-processed-gene-154.33-mRNA-1	Indica	Japonica	Kinase-TM	Os04g0420900	OsR498G0408563300.01.T01	Non-specific serine/threonine protein kinase (Fragment)
augustus_masked-4-processed-gene-173.34-mRNA-1	Indica	NA			OsR498G0408681600.01.T02	Sugar transport protein 5
augustus_masked-4-processed-gene-176.60-mRNA-1	Indica	NA			OsR498G0408694600.01.T01	
augustus_masked-4-processed-gene-204.64-mRNA-1	Indica	NA		Os04g0516200	OsR498G0408895000.01.T03	ALOG domain transcriptional regulator family protein 4-2A
augustus_masked-4-processed-gene-209.41-mRNA-1	Indica	NA		Os04g0523600	OsR498G0408924200.01.T01	Glycosyltransferase
augustus_masked-4-processed-gene-209.42-mRNA-1	Indica	NA		Os04g0523700	OsR498G0408924600.01.T01	Glycosyltransferase
augustus_masked-4-processed-gene-22.27-mRNA-1	Indica	Indica	Kinase-TM	Os04g0202350	OsR498G0407718200.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-4-processed-gene-267.34-mRNA-1	Indica	NA			OsR498G0511458200.01.T01	
augustus_masked-4-processed-gene-285.35-mRNA-1	Indica	NA		Os04g0664600	OsR498G0409443400.01.T01	Agmatine hydroxycinnamoyltransferase 1
augustus_masked-4-processed-gene-29.12-mRNA-1	Indica	Japonica	CC-NBS-TM	Os04g0219600	OsR498G1119645400.01.T01	NBS-LRR type protein (Fragment)
augustus_masked-4-processed-gene-30.25-mRNA-1	Indica	Indica		Os04g0221300	OsR498G0407755600.01.T06	Pentatricopeptide repeat-containing protein
augustus_masked-4-processed-gene-34.26-mRNA-1	Indica	NA		Os04g0225100	OsR498G0407765200.01.T01	Werner syndrome ATP-dependent helicase
augustus_masked-4-processed-gene-51.9-mRNA-1	Indica	Japonica		Os04g0258900	OsR498G0407867000.01.T01	F-box domain-containing protein
augustus_masked-4-processed-gene-87.12-mRNA-1	Indica	NA		Os04g0324100	OsR498G0408099900.01.T01	Glycosyltransferase
augustus_masked-4-processed-gene-89.16-mRNA-1	Indica	NA		Os04g0317500	OsR498G0408137500.01.T01	Expansin-like CBD domain-containing protein
augustus_masked-4-processed-gene-98.1-mRNA-1	Indica	NA			OsR498G0713442500.01.T01	
augustus_masked-5-processed-gene-139.21-mRNA-1	Indica	NA		Os05g0302600	OsR498G0510398900.01.T01	TLC domain-containing protein (Fragment)

augustus_masked-5-processed-gene-140.24-mRNA-1	Indica	NA		Os05g0304800	OsR498G0510409700.01.T01	Nuclear factor Y transcription factor
augustus_masked-5-processed-gene-150.18-mRNA-1	Indica	NA		Os12g0468900	OsR498G0917373300.01.T01	Cell wall protein-like
augustus_masked-5-processed-gene-155.32-mRNA-1	Indica	Indica		Os12g0468900	OsR498G0510503700.01.T01	Cell wall protein-like
augustus_masked-5-processed-gene-155.34-mRNA-1	Indica	NA		Os05g0326400	OsR498G0510504100.01.T02	
augustus_masked-5-processed-gene-160.12-mRNA-1	Indica	NA		Os05g0330600	OsR498G0510523500.01.T01	Putative prolamin 7
augustus_masked-5-processed-gene-161.28-mRNA-1	Indica	NA		Os05g0331550	OsR498G0510526000.01.T01	Putative prolamin 7
augustus_masked-5-processed-gene-161.9-mRNA-1	Indica	NA	Kinase-TM	Os05g0332300	OsR498G0510529300.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-5-processed-gene-169.12-mRNA-1	Indica	Japonica		Os07g0433200	OsR498G0510328900.01.T01	Retrotransposon protein, putative, Ty1-copia subclass
augustus_masked-5-processed-gene-183.26-mRNA-1	Indica	Indica		Os05g0365000	OsR498G0510671900.01.T01	phytochrome A-associated F-box protein isoform X1
augustus_masked-5-processed-gene-183.36-mRNA-1	Indica	NA		Os05g0365500	OsR498G0510674100.01.T01	Pentatricopeptide repeat
augustus_masked-5-processed-gene-187.21-mRNA-1	Indica	NA		Os05g0370600	OsR498G0510692500.01.T06	FT-interacting protein 1-like
augustus_masked-5-processed-gene-189.55-mRNA-1	Indica	NA		Os05g0373900	OsR498G0510704700.01.T02	Eukaryotic peptide chain release factor subunit
augustus_masked-5-processed-gene-191.20-mRNA-1	Indica	NA		Os04g0499100	OsR498G0611743600.01.T01	Folate-biopterin transporter
augustus_masked-5-processed-gene-213.18-mRNA-1	Indica	NA		Os05g0413000	OsR498G0510836900.01.T02	
augustus_masked-5-processed-gene-213.32-mRNA-1	Indica	NA	CC-NBS-TM		OsR498G0510842500.01.T01	Putative disease resistance RPP13-like protein 1
augustus_masked-5-processed-gene-266.30-mRNA-1	Indica	NA		Os05g0514500	OsR498G0511177100.01.T01	Interactor of constitutive active ROPs 1
augustus_masked-5-processed-gene-280.46-mRNA-1	Indica	NA		Os05g0541400	OsR498G0511268300.01.T01	Transcription factor bHLH87
augustus_masked-5-processed-gene-282.8-mRNA-1	Indica	Japonica		Os05g0546300	OsR498G0511285700.01.T01	
augustus_masked-5-processed-gene-283.54-mRNA-1	Indica	Japonica		Os05g0548600	OsR498G0511288100.01.T01	NOP5NT domain-containing protein
augustus_masked-5-processed-gene-286.37-mRNA-1	Indica	NA				t-SNARE coiled-coil homology domain-containing protein (Fragment)
augustus_masked-5-processed-gene-286.47-mRNA-1	Indica	NA				CDP-diacylglycerol--serine O-phosphatidyltransferase 1-like
augustus_masked-5-processed-gene-292.28-mRNA-1	Indica	NA		Os05g0564200	OsR498G0511348300.01.T03	Splicing factor U2af small subunit B
augustus_masked-5-processed-gene-293.0-mRNA-1	Indica	NA			OsR498G0511354700.01.T05	FCP1 homology domain-containing protein
augustus_masked-5-processed-gene-294.11-mRNA-1	Indica	NA			OsR498G0511363900.01.T01	
augustus_masked-5-processed-gene-294.12-mRNA-1	Indica	NA		Os05g0568600		
augustus_masked-5-processed-gene-294.14-mRNA-1	Indica	NA		Os05g0568800	OsR498G0511364900.01.T01	
augustus_masked-5-processed-gene-294.15-mRNA-1	Indica	NA		Os05g0569100		Reverse transcriptase Ty1/copia-type domain-containing protein
augustus_masked-5-processed-gene-295.29-mRNA-1	Indica	NA			OsR498G0511371100.01.T01	Reverse transcriptase Ty1/copia-type domain-containing protein
augustus_masked-5-processed-gene-295.30-mRNA-1	Indica	NA		Os05g0571100	OsR498G0511372100.01.T01	PORR domain-containing protein
augustus_masked-5-processed-gene-299.37-mRNA-1	Indica	NA		Os05g0578500	OsR498G0511397100.01.T02	Cinnamoyl-CoA reductase-like SNL6
augustus_masked-5-processed-gene-65.3-mRNA-1	Indica	NA		Os05g0205400		
augustus_masked-5-processed-gene-65.8-mRNA-1	Indica	NA		Os05g0206000		
augustus_masked-5-processed-gene-65.9-mRNA-1	Indica	NA		Os05g0206100		
augustus_masked-5-processed-gene-71.9-mRNA-1	Indica	NA		Os05g0215600	OsR498G0510025900.01.T02	
augustus_masked-6-processed-gene-102.20-mRNA-1	Indica	NA		Os06g0288200	OsR498G0612167300.01.T01	C-glycosyltransferase
augustus_masked-6-processed-gene-102.3-mRNA-1	Indica	NA	NBS-TM		OsR498G0612165700.01.T01	Disease resistance protein RPM1
augustus_masked-6-processed-gene-102.31-mRNA-1	Indica	NA	Kinase-TM	Os06g0288100	OsR498G0612167200.01.T01	Leucine-rich repeat receptor-like serine/threonine/tyrosine-protein kinase S
augustus_masked-6-processed-gene-103.24-mRNA-1	Indica	Indica		Os06g0289900	OsR498G0612168500.01.T01	C-glycosyltransferase
augustus_masked-6-processed-gene-103.3-mRNA-1	Indica	NA		Os06g0289200	OsR498G0612167500.01.T01	C-glycosyltransferase
augustus_masked-6-processed-gene-206.15-mRNA-1	Indica	NA		Os06g0548100	OsR498G0612721800.01.T01	Berberine bridge enzyme-like 28
augustus_masked-6-processed-gene-236.10-mRNA-1	Indica	NA		Os06g0597500	OsR498G0612883400.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-6-processed-gene-236.15-mRNA-1	Indica	Japonica		Os06g0599200	OsR498G0204145300.01.T01	Oryzaalexin D synthase
augustus_masked-6-processed-gene-236.3-mRNA-1	Indica	NA		Os06g0597800		
augustus_masked-6-processed-gene-257.23-mRNA-1	Indica	NA		Os12g0265500	OsR498G1221250300.01.T01	HAT family dimerisation domain containing protein, expressed
augustus_masked-6-processed-gene-26.27-mRNA-1	Indica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-6-processed-gene-28.1-mRNA-1	Indica	NA			OsR498G0611640900.01.T01	
augustus_masked-6-processed-gene-293.18-mRNA-1	Indica	NA		Os06g0697500	OsR498G0613242700.01.T01	Adenosinetriphosphatase
augustus_masked-6-processed-gene-294.12-mRNA-1	Indica	NA		Os06g0697600	OsR498G0613243200.01.T01	Adenosinetriphosphatase
augustus_masked-6-processed-gene-294.22-mRNA-1	Indica	NA		Os06g0698600	OsR498G0613245900.01.T01	Exocyst subunit Exo70 family protein (Fragment)
augustus_masked-6-processed-gene-295.37-mRNA-1	Indica	NA	Kinase-TM	Os06g0699400	OsR498G0613249300.01.T03	Mitogen-activated protein kinase
augustus_masked-6-processed-gene-295.52-mRNA-1	Indica	NA		Os06g0700000	OsR498G0613251700.01.T01	Subtilisin-like serine protease
augustus_masked-6-processed-gene-295.53-mRNA-1	Indica	NA		Os06g0700100	OsR498G0613251900.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-6-processed-gene-296.7-mRNA-1	Indica	Indica		Os01g0532700	OsR498G0613255900.01.T01	
augustus_masked-6-processed-gene-297.26-mRNA-1	Indica	NA		Os06g0702400	OsR498G0613262800.01.T01	
augustus_masked-6-processed-gene-299.1-mRNA-1	Indica	NA		Os06g0704100	OsR498G0613270100.01.T01	Ternary complex factor MIP1, leucine-zipper
augustus_masked-6-processed-gene-300.24-mRNA-1	Indica	Indica	Kinase	Os02g0623600	OsR498G0613277600.01.T01	Putative tyrosine-protein kinase, insulin-like receptor
augustus_masked-6-processed-gene-301.13-mRNA-1	Indica	NA		Os06g0709000	OsR498G0613284300.01.T01	Arogenate dehydrogenase alpha
augustus_masked-6-processed-gene-302.26-mRNA-1	Indica	NA		Os06g0711800	OsR498G0613289800.01.T02	PMEI domain-containing protein (Fragment)
augustus_masked-6-processed-gene-302.6-mRNA-1	Indica	Indica		Os06g0710900	OsR498G0613287200.01.T01	Translation initiation factor IF-2-like
augustus_masked-6-processed-gene-302.7-mRNA-1	Indica	NA		Os06g0711000	OsR498G0613287400.01.T01	
augustus_masked-6-processed-gene-302.8-mRNA-1	Indica	NA		Os06g0711700	OsR498G0613288400.01.T01	F-box/kelch-repeat protein SKIP25

augustus_masked-6-processed-gene-303.39-mRNA-1	Indica	Indica		Os06g0713000	OsR498G0613296500.01.T01	Zinc finger protein CONSTANS
augustus_masked-6-processed-gene-304.44-mRNA-1	Indica	NA		Os06g0714300	OsR498G0613300200.01.T02	Auxin-responsive protein SAUR32
augustus_masked-6-processed-gene-304.50-mRNA-1	Indica	NA		Os06g0715200		DNA ligase 3 (Fragment)
augustus_masked-6-processed-gene-304.60-mRNA-1	Indica	Japonica		Os06g0714600	OsR498G0917833300.01.T01	Ras-related protein RABA3
augustus_masked-6-processed-gene-304.61-mRNA-1	Indica	NA		Os06g0714700	OsR498G0613301800.01.T01	
augustus_masked-6-processed-gene-304.62-mRNA-1	Indica	NA			OsR498G0613302000.01.T05	DNA-directed RNA polymerase II subunit RPB2
augustus_masked-6-processed-gene-305.1-mRNA-1	Indica	NA		Os06g0716100	OsR498G0613306500.01.T01	J domain-containing protein (Fragment)
augustus_masked-6-processed-gene-305.23-mRNA-1	Indica	Indica		Os06g0716800	OsR498G0613307800.01.T01	Basic-leucine zipper transcription factor
augustus_masked-6-processed-gene-305.28-mRNA-1	Indica	NA			OsR498G0613312200.01.T01	
augustus_masked-6-processed-gene-305.6-mRNA-1	Indica	NA		Os07g0543700	OsR498G1120733700.01.T01	4-diphosphocytidyl-2C-methyl-D-erythritol synthase
augustus_masked-6-processed-gene-308.25-mRNA-1	Indica	NA				Non-specific serine/threonine protein kinase
augustus_masked-6-processed-gene-308.35-mRNA-1	Indica	Indica		Os06g0725700	OsR498G0613330300.01.T01	
augustus_masked-6-processed-gene-309.47-mRNA-1	Indica	Indica		Os06g0727700	OsR498G0613335700.01.T03	Storage protein-like
augustus_masked-6-processed-gene-309.56-mRNA-1	Indica	NA		Os06g0727000	OsR498G0613333800.01.T01	Zinc finger protein ZAT3-like
augustus_masked-6-processed-gene-310.34-mRNA-1	Indica	Japonica		Os06g0727900	OsR498G0613336100.01.T01	Glycosyltransferase family 92 protein (Fragment)
augustus_masked-6-processed-gene-310.37-mRNA-1	Indica	NA		Os06g0728500	OsR498G0613337700.01.T04	Translation initiation factor IF-2-like
augustus_masked-6-processed-gene-43.10-mRNA-1	Indica	Indica		Os06g0185500	OsR498G0611739300.01.T01	Putrescine hydroxycinnamoyltransferase 2
augustus_masked-6-processed-gene-43.21-mRNA-1	Indica	NA		Os06g0184866	OsR498G0611738000.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-6-processed-gene-43.23-mRNA-1	Indica	NA				
augustus_masked-6-processed-gene-43.8-mRNA-1	Indica	NA		Os06g0184900	OsR498G0611738500.01.T01	Hydroxycinnamoyl-CoA quinate hydroxycinnamoyltransferase
augustus_masked-6-processed-gene-44.42-mRNA-1	Indica	NA		Os06g0185700	OsR498G0611740100.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-6-processed-gene-44.48-mRNA-1	Indica	Japonica		Os06g0185800	OsR498G0611740600.01.T01	Pentatricopeptide repeat-containing protein isoform X1
augustus_masked-6-processed-gene-44.56-mRNA-1	Indica	NA			OsR498G0611745700.01.T01	Putative RING-H2 finger protein ATL49
augustus_masked-6-processed-gene-44.65-mRNA-1	Indica	NA			OsR498G0611744000.01.T01	RING-type domain-containing protein
augustus_masked-6-processed-gene-49.31-mRNA-1	Indica	Indica		Os07g0110200	OsR498G0611778200.01.T02	Nucleolar GTP-binding protein 1
augustus_masked-6-processed-gene-49.32-mRNA-1	Indica	NA		Os06g0196200	OsR498G0611779600.01.T01	
augustus_masked-6-processed-gene-56.40-mRNA-1	Indica	Indica		Os02g0768700	OsR498G0611835500.01.T02	GeBP transcription factor (Fragment)
augustus_masked-6-processed-gene-57.30-mRNA-1	Indica	NA		Os06g0210300		Ethylene-responsive transcription factor ERF014
augustus_masked-6-processed-gene-57.31-mRNA-1	Indica	NA		Os06g0210500	OsR498G0611837900.01.T01	Mitochondrial phosphate carrier protein like
augustus_masked-6-processed-gene-57.46-mRNA-1	Indica	Japonica	Kinase-TM	Os06g0210400	OsR498G1019094500.01.T01	Mitogen-activated protein kinase kinase kinase
augustus_masked-6-processed-gene-57.47-mRNA-1	Indica	NA			OsR498G0611837800.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-6-processed-gene-58.29-mRNA-1	Indica	Japonica		Os06g0212600	OsR498G0204823700.01.T01	Fucosyltransferase
augustus_masked-6-processed-gene-58.3-mRNA-1	Indica	NA			OsR498G0611842100.01.T01	Scarecrow-like protein 3
augustus_masked-6-processed-gene-59.18-mRNA-1	Indica	NA			OsR498G0611846900.01.T01	Putative 41 kD chloroplast nucleoid DNA binding protein
augustus_masked-6-processed-gene-59.23-mRNA-1	Indica	Indica		Os02g0762900	OsR498G0611848400.01.T01	Polcalcine Syr v 3-like
augustus_masked-6-processed-gene-59.28-mRNA-1	Indica	NA		Os06g0213900	OsR498G0611849700.01.T01	
augustus_masked-6-processed-gene-60.36-mRNA-1	Indica	NA		Os06g0215100	OsR498G0611853300.01.T01	
augustus_masked-6-processed-gene-60.49-mRNA-1	Indica	Indica		Os10g0122000	OsR498G0611856800.01.T01	Glycosyltransferase
augustus_masked-6-processed-gene-60.53-mRNA-1	Indica	NA		Os06g0216400	OsR498G0611857800.01.T01	Transcription factor EMB1444
augustus_masked-6-processed-gene-61.17-mRNA-1	Indica	Indica		Os06g0217500	OsR498G0611860600.01.T05	RNA polymerase II transcriptional regulation mediator
augustus_masked-6-processed-gene-62.41-mRNA-1	Indica	NA		Os06g0218800		
augustus_masked-6-processed-gene-63.45-mRNA-1	Indica	NA		Os06g0219800	OsR498G0611870800.01.T02	Serine/threonine-protein phosphatase 2A activator
augustus_masked-6-processed-gene-63.46-mRNA-1	Indica	NA		Os06g0219900	OsR498G0611871000.01.T01	EXORDIUM like 2
augustus_masked-6-processed-gene-64.15-mRNA-1	Indica	NA		Os06g0220900	OsR498G0611875500.01.T01	
augustus_masked-6-processed-gene-78.17-mRNA-1	Indica	NA		Os06g0247800	OsR498G0611996700.01.T05	Dynamin GTPase
augustus_masked-6-processed-gene-89.31-mRNA-1	Indica	NA		Os06g0265900	OsR498G0612062300.01.T01	PORR domain-containing protein (Fragment)
augustus_masked-6-processed-gene-91.11-mRNA-1	Indica	NA			OsR498G1221332900.01.T01	Retrotransposon protein, putative, unclassified
augustus_masked-6-processed-gene-92.22-mRNA-1	Indica	NA		Os06g0271000	OsR498G0612075700.01.T01	UDP-glycosyltransferase 90A1
augustus_masked-6-processed-gene-94.23-mRNA-1	Indica	NA		Os06g0275500	OsR498G0612092700.01.T01	Histone-lysine N-methyltransferase EZ1
augustus_masked-8-processed-gene-153.21-mRNA-1	Indica	NA		Os08g0334900	OsR498G0815812500.01.T01	Fucosyltransferase
augustus_masked-8-processed-gene-161.8-mRNA-1	Indica	NA		Os08g0346400	OsR498G0815852300.01.T01	HTH myb-type domain-containing protein
augustus_masked-8-processed-gene-165.0-mRNA-1	Indica	Indica		Os08g0351200	OsR498G0815866300.01.T03	
augustus_masked-8-processed-gene-191.12-mRNA-1	Indica	NA		Os08g0375700	OsR498G0815952700.01.T01	O-fucosyltransferase family protein
augustus_masked-8-processed-gene-193.0-mRNA-1	Indica	NA				Phospholipid-transporting ATPase
augustus_masked-8-processed-gene-194.11-mRNA-1	Indica	Indica		Os08g0381600	OsR498G0815968100.01.T01	thaumatin-like protein isoform X1
augustus_masked-8-processed-gene-195.42-mRNA-1	Indica	Indica		Os05g0510100	OsR498G0815976100.01.T01	
augustus_masked-8-processed-gene-200.9-mRNA-1	Indica	NA			OsR498G0816003100.01.T01	
augustus_masked-8-processed-gene-212.0-mRNA-1	Indica	NA			OsR498G0816082900.01.T03	NHL domain-containing protein
augustus_masked-8-processed-gene-215.10-mRNA-1	Indica	Japonica		Os08g0421700	OsR498G0816100100.01.T01	CCHC-type domain-containing protein
augustus_masked-8-processed-gene-223.4-mRNA-1	Indica	NA		Os08g0433300	OsR498G0816148900.01.T01	Glycosyl hydrolase, five-bladed beta-propellor domain-containing protein
augustus_masked-8-processed-gene-225.11-mRNA-1	Indica	NA			OsR498G0816160100.01.T01	Zinc finger A20 and AN1 domain-containing stress-associated protein 9

augustus_masked-8-processed-gene-227.32-mRNA-1	Indica	NA		Os08g0439600	OsR498G0816169900.01.T01	
augustus_masked-8-processed-gene-227.33-mRNA-1	Indica	NA		Os08g0439900	OsR498G0816170300.01.T01	Mitochondrial glycoprotein family protein, putative
augustus_masked-8-processed-gene-228.11-mRNA-1	Indica	Indica	Kinase-TM	Os08g0441100	OsR498G0816176500.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-8-processed-gene-230.11-mRNA-1	Indica	Indica		Os07g0597625	OsR498G0816195700.01.T01	Glyoxylate/hydroxyypyruvate reductase HPR3
augustus_masked-8-processed-gene-232.17-mRNA-1	Indica	NA		Os08g0450100	OsR498G0816215500.01.T01	Pectinesterase
augustus_masked-8-processed-gene-232.18-mRNA-1	Indica	NA		Os08g0450100	OsR498G0816215500.01.T01	Pectinesterase
augustus_masked-8-processed-gene-260.36-mRNA-1	Indica	NA		Os08g0499800	OsR498G0816397900.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-8-processed-gene-260.48-mRNA-1	Indica	NA		Os08g0500500	OsR498G0816401500.01.T01	DNA-binding protein-like
augustus_masked-8-processed-gene-276.75-mRNA-1	Indica	NA		Os08g0529400		F-box domain-containing protein
augustus_masked-8-processed-gene-277.11-mRNA-1	Indica	NA		Os08g0530300	OsR498G0816515500.01.T01	Exocyst subunit Exo70 family protein (Fragment)
augustus_masked-8-processed-gene-30.14-mRNA-1	Indica	NA				
augustus_masked-8-processed-gene-31.12-mRNA-1	Indica	NA		Os08g0150800	OsR498G0815197900.01.T01	Tyrosyl-tRNA synthetase
augustus_masked-8-processed-gene-33.2-mRNA-1	Indica	NA	CC-NBS-TM		OsR498G0815208900.01.T01	NB-ARC domain containing protein, expressed
augustus_masked-8-processed-gene-36.1-mRNA-1	Indica	NA			OsR498G0815232500.01.T01	TF-B3 domain-containing protein (Fragment)
augustus_masked-8-processed-gene-36.9-mRNA-1	Indica	NA		Os08g0159000	OsR498G0815236700.01.T01	DnaJ homolog subfamily C member 2
augustus_masked-8-processed-gene-41.20-mRNA-1	Indica	NA			OsR498G0815268900.01.T01	Serine-rich protein-related
augustus_masked-8-processed-gene-42.1-mRNA-1	Indica	NA		Os08g0168600	OsR498G0815272900.01.T01	Glycosyltransferase
augustus_masked-9-processed-gene-102.1-mRNA-1	Indica	NA		Os09g0332100	OsR498G0917174700.01.T01	
augustus_masked-9-processed-gene-110.29-mRNA-1	Indica	NA		Os09g0342000	OsR498G0917198400.01.T01	CRIB domain-containing protein
augustus_masked-9-processed-gene-143.9-mRNA-1	Indica	NA				
augustus_masked-9-processed-gene-73.12-mRNA-1	Indica	NA		Os09g0292900	OsR498G0916991700.01.T01	Kelch repeat-containing F-box-like protein
augustus_masked-9-processed-gene-8.3-mRNA-1	Indica	NA		Os02g0212975	OsR498G0202873200.01.T01	
maker-1-augustus-gene-10.28-mRNA-1	Indica	NA		Os01g0117900	OsR498G0100057100.01.T04	
maker-1-augustus-gene-10.31-mRNA-1	Indica	Japonica		Os01g0118000	OsR498G1119486400.01.T02	Fructose-bisphosphate aldolase
maker-1-augustus-gene-10.34-mRNA-1	Indica	NA			OsR498G0100057700.01.T05	DEXH-box ATP-dependent RNA helicase DEXH3
maker-1-augustus-gene-10.40-mRNA-1	Indica	NA				CDP-diacylglycerol--serine O-phosphatidyltransferase 1 isoform X1
maker-1-augustus-gene-14.60-mRNA-1	Indica	Indica		Os01g0127000	OsR498G0100088600.01.T01	Multicopper oxidase LPR1
maker-1-augustus-gene-14.63-mRNA-1	Indica	Indica		Os01g0127200	OsR498G0100089400.01.T01	Multicopper oxidase LPR1
maker-1-augustus-gene-14.66-mRNA-1	Indica	NA		Os01g0127300	OsR498G0100089600.01.T01	Protein ABCI7 chloroplastic
maker-1-augustus-gene-15.29-mRNA-1	Indica	Indica		Os01g0127400	OsR498G0100089700.01.T04	HTH myb-type domain-containing protein
maker-1-augustus-gene-15.31-mRNA-1	Indica	NA		Os01g0127500	OsR498G0100089900.01.T01	Tetraketide alpha-pyrone reductase
maker-1-augustus-gene-15.35-mRNA-1	Indica	NA		Os01g0127900	OsR498G0100091900.01.T02	Mannose-6-phosphate isomerase
maker-1-augustus-gene-16.30-mRNA-1	Indica	NA		Os01g0129950		
maker-1-augustus-gene-16.32-mRNA-1	Indica	NA		Os01g0130400	OsR498G0100104900.01.T01	Alpha-xylosidase 1
maker-1-augustus-gene-16.36-mRNA-1	Indica	NA		Os01g0130000	OsR498G0100102600.01.T02	Metal tolerance protein 5
maker-1-augustus-gene-17.0-mRNA-1	Indica	NA			OsR498G0100109900.01.T01	AP2/ERF domain-containing protein
maker-1-augustus-gene-17.11-mRNA-1	Indica	Japonica		Os01g0132000	OsR498G0100111200.01.T01	Wound-induced serine protease inhibitor
maker-1-augustus-gene-17.13-mRNA-1	Indica	NA		Os01g0132400	OsR498G0100113200.01.T01	
maker-1-augustus-gene-17.15-mRNA-1	Indica	NA		Os01g0132700	OsR498G0100113600.01.T05	Mediator of RNA polymerase II transcription subunit 22b like
maker-1-augustus-gene-17.18-mRNA-1	Indica	NA		Os01g0132800		Chloroplastic group IIB intron splicing facilitator CRS2-B, chloroplastic
maker-1-augustus-gene-17.2-mRNA-1	Indica	NA		Os01g0131800	OsR498G0100110900.01.T01	Signal peptidase subunit
maker-1-augustus-gene-17.7-mRNA-1	Indica	Indica		Os01g0132500	OsR498G0100113300.01.T01	RNA polymerase-associated protein (Fragment)
maker-1-augustus-gene-17.9-mRNA-1	Indica	NA		Os01g0131900	OsR498G0100111200.01.T01	Wound-induced serine protease inhibitor
maker-1-augustus-gene-18.0-mRNA-1	Indica	Indica		Os01g0133100	OsR498G0100115900.01.T01	VARLMGL domain-containing protein
maker-1-augustus-gene-18.13-mRNA-1	Indica	Indica		Os01g0133700	OsR498G0100117100.01.T01	Core-2/l-branching beta-16-N-acetylglucosaminyltransferase family protein
maker-1-augustus-gene-18.15-mRNA-1	Indica	Japonica		Os01g0133700	OsR498G0100117500.01.T01	Core-2/l-branching beta-16-N-acetylglucosaminyltransferase family protein
maker-1-augustus-gene-18.17-mRNA-1	Indica	NA	Kinase-LRR-TM	Os01g0133900	OsR498G0100117900.01.T02	probable leucine-rich repeat receptor-like protein kinase At1g68400
maker-1-augustus-gene-18.20-mRNA-1	Indica	NA		Os06g0313260		Epimerase domain-containing protein
maker-1-augustus-gene-18.22-mRNA-1	Indica	NA		Os01g0134500	OsR498G0100119100.01.T01	Aldehyde oxygenase (deformylating)
maker-1-augustus-gene-18.3-mRNA-1	Indica	NA		Os01g0133400	OsR498G0100116700.01.T02	Plastidic glucose transporter like
maker-1-augustus-gene-18.9-mRNA-1	Indica	NA		Os01g0133500	OsR498G0100116900.01.T07	Metallo-hydrolase/oxidoreductase superfamily protein
maker-1-augustus-gene-19.0-mRNA-1	Indica	NA		Os01g0134700	OsR498G0100119500.01.T01	Protein SAR DEFICIENT 1 isoform B
maker-1-augustus-gene-19.10-mRNA-1	Indica	NA		Os01g0136400	OsR498G0100125200.01.T03	Putative receptor serine/threonine kinase PR5K
maker-1-augustus-gene-19.21-mRNA-1	Indica	NA	Kinase-TM	Os01g0136800	OsR498G0100126800.01.T01	WAK2-OsWAK receptor-like cytoplasmic kinase (OsWAK-RLCK)
maker-1-augustus-gene-19.3-mRNA-1	Indica	Indica		Os01g0137100	OsR498G0100127300.01.T01	Putative receptor serine/threonine kinase PR5K
maker-1-augustus-gene-19.9-mRNA-1	Indica	NA	Kinase-TM		OsR498G0100125200.01.T02	Putative serine/threonine-protein kinase
maker-1-augustus-gene-20.0-mRNA-1	Indica	NA	Kinase-TM			Protein kinase domain-containing protein (Fragment)
maker-1-augustus-gene-20.11-mRNA-1	Indica	NA	Kinase-TM			Putative receptor serine/threonine kinase PR5K
maker-1-augustus-gene-20.13-mRNA-1	Indica	NA	Kinase-TM		OsR498G0100130500.01.T01	Putative receptor serine/threonine kinase PR5K
maker-1-augustus-gene-20.18-mRNA-1	Indica	NA	Kinase-TM			Protein kinase domain-containing protein (Fragment)
maker-1-augustus-gene-20.20-mRNA-1	Indica	Indica		Os06g0586600	OsR498G0100130200.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class

maker-1-augustus-gene-20.22-mRNA-1	Indica	NA			OsR498G0100131400.01.T03	
maker-1-augustus-gene-20.4-mRNA-1	Indica	NA			OsR498G0100127900.01.T03	Putative receptor serine/threonine kinase PR5K
maker-1-augustus-gene-20.6-mRNA-1	Indica	NA				DUF223 domain-containing protein
maker-1-augustus-gene-20.9-mRNA-1	Indica	NA	Kinase-TM			Protein kinase domain-containing protein (Fragment)
maker-1-augustus-gene-21.10-mRNA-1	Indica	NA		Os01g0139000	OsR498G0100136300.01.T01	Reticulon domain-containing protein
maker-1-augustus-gene-21.16-mRNA-1	Indica	NA		Os01g0138600	OsR498G0100135400.01.T03	Cysteine proteinase inhibitor
maker-1-augustus-gene-21.2-mRNA-1	Indica	NA	Kinase-TM	Os01g0138400	OsR498G0100134300.01.T01	Stress-induced receptor-like kinase 2
maker-1-augustus-gene-21.23-mRNA-1	Indica	NA		Os01g0138900	OsR498G0100136000.01.T03	Dipeptide epimerase
maker-1-augustus-gene-21.27-mRNA-1	Indica	NA		Os01g0139200	OsR498G0100136800.01.T05	PB1 domain-containing protein (Fragment)
maker-1-augustus-gene-21.4-mRNA-1	Indica	NA		Os01g0138500	OsR498G0100135100.01.T03	Coagulation factor VIII
maker-1-augustus-gene-21.7-mRNA-1	Indica	NA		Os01g0138800	OsR498G0100135700.01.T01	Class I glutamine amidotransferase
maker-1-augustus-gene-23.0-mRNA-1	Indica	Indica		Os01g0141600	OsR498G0100150500.01.T02	Root UVB sensitive family
maker-1-augustus-gene-23.10-mRNA-1	Indica	Indica		Os01g0141900	OsR498G0100151100.01.T03	Putative proteophosphoglycan
maker-1-augustus-gene-23.14-mRNA-1	Indica	NA		Os01g0142200	OsR498G0100151500.01.T05	EKC/KEOPS complex subunit Tprkb like
maker-1-augustus-gene-23.18-mRNA-1	Indica	NA		Os01g0142300	OsR498G0100151700.01.T01	Sulfoquinovosyl transferase SQD2
maker-1-augustus-gene-23.23-mRNA-1	Indica	NA		Os01g0142800	OsR498G0100152900.01.T04	Peptide transporter
maker-1-augustus-gene-23.31-mRNA-1	Indica	NA		Os01g0142000		ATP binding protein
maker-1-augustus-gene-23.33-mRNA-1	Indica	NA		Os01g0142100	OsR498G0100151400.01.T01	Probable zinc metalloprotease EGY2, chloroplastic
maker-1-augustus-gene-23.41-mRNA-1	Indica	NA		Os01g0142500	OsR498G0100152200.01.T02	Transcription factor DIVARICATA
maker-1-augustus-gene-234.41-mRNA-1	Indica	NA		Os01g0584900	OsR498G0101416500.01.T01	WRKY transcription factor
maker-1-augustus-gene-234.43-mRNA-1	Indica	NA		Os01g0585100	OsR498G0101417300.01.T03	Glycerophosphocholine acyltransferase 1
maker-1-augustus-gene-234.47-mRNA-1	Indica	NA				DNA damage-binding protein 1
maker-1-augustus-gene-234.60-mRNA-1	Indica	NA		Os01g0585300	OsR498G0101418800.01.T01	DNA-directed RNA polymerase, phage-type
maker-1-augustus-gene-24.60-mRNA-1	Indica	NA		Os01g0143100	OsR498G0100159200.01.T05	Mitochondrial deoxynucleotide carrier, putative
maker-1-augustus-gene-24.66-mRNA-1	Indica	Japonica		Os01g0143700	OsR498G0100161600.01.T01	Mitochondrial glycoprotein-like
maker-1-augustus-gene-24.69-mRNA-1	Indica	NA		Os01g0143800	OsR498G0100162200.01.T01	Mitochondrial glycoprotein family protein
maker-1-augustus-gene-26.30-mRNA-1	Indica	NA		Os01g0148400	OsR498G0100174700.01.T01	Brix domain-containing protein
maker-1-augustus-gene-26.40-mRNA-1	Indica	NA		Os01g0147700	OsR498G0100172800.01.T01	Factor of DNA methylation 1
maker-1-augustus-gene-26.43-mRNA-1	Indica	NA			OsR498G0100173000.01.T01	DUF547 domain-containing protein
maker-1-augustus-gene-26.48-mRNA-1	Indica	NA		Os01g0147900	OsR498G0100173200.01.T01	Triose phosphate isomerase cytosolic isoform
maker-1-augustus-gene-260.2-mRNA-1	Indica	NA		Os01g0632700	OsR498G0101597500.01.T03	
maker-1-augustus-gene-260.3-mRNA-1	Indica	NA				ATP-dependent DNA helicase
maker-1-augustus-gene-260.7-mRNA-1	Indica	NA		Os01g0633100	OsR498G0101598700.01.T09	Glucose-1-phosphate adenylyltransferase large subunit, chloroplastic/amylo
maker-1-augustus-gene-27.40-mRNA-1	Indica	Indica		Os01g0150100	OsR498G0100180100.01.T02	Geranylgeranyl transferase type I subunit beta
maker-1-augustus-gene-27.45-mRNA-1	Indica	NA		Os01g0150200	OsR498G0100180300.01.T03	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase PASTICCINO 2
maker-1-augustus-gene-27.62-mRNA-1	Indica	Indica	Kinase-LRR-TM	Os01g0149700	OsR498G0100178400.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-27.65-mRNA-1	Indica	NA		Os01g0149800	OsR498G0100176800.01.T01	Metallothionein-like protein type 2
maker-1-augustus-gene-27.67-mRNA-1	Indica	NA		Os01g0149900	OsR498G0100179000.01.T01	
maker-1-augustus-gene-27.71-mRNA-1	Indica	NA		Os01g0150000	OsR498G0100179800.01.T01	very-long-chain enoyl-CoA reductase isoform X1
maker-1-augustus-gene-28.0-mRNA-1	Indica	NA				Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase
maker-1-augustus-gene-28.11-mRNA-1	Indica	NA		Os01g0151200	OsR498G0100183300.01.T03	Inner membrane protein translocase involved in respiratory chain assembly
maker-1-augustus-gene-28.25-mRNA-1	Indica	NA		Os01g0151700	OsR498G0100184500.01.T02	Short-chain dehydrogenase TIC 32, chloroplastic
maker-1-augustus-gene-28.4-mRNA-1	Indica	NA		Os01g0150800		Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase
maker-1-augustus-gene-29.77-mRNA-1	Indica	NA			OsR498G0100191900.01.T01	Aspartate--tRNA ligase, chloroplastic/mitochondrial
maker-1-augustus-gene-29.88-mRNA-1	Indica	NA		Os01g0154500	OsR498G0100194300.01.T01	
maker-1-augustus-gene-29.90-mRNA-1	Indica	NA		Os01g0154600	OsR498G0100194700.01.T02	
maker-1-augustus-gene-29.94-mRNA-1	Indica	NA				Tyramine N-feruloyltransferase 4/11-like
maker-1-augustus-gene-30.0-mRNA-1	Indica	Indica		Os01g0155800	OsR498G0100198300.01.T01	GPRP
maker-1-augustus-gene-30.13-mRNA-1	Indica	NA		Os01g0155400	OsR498G0100197800.01.T04	
maker-1-augustus-gene-30.14-mRNA-1	Indica	NA			OsR498G0100197800.01.T01	GRIP and coiled-coil domain-containing protein 2 isoform X1
maker-1-augustus-gene-30.2-mRNA-1	Indica	NA			OsR498G0100203300.01.T01	Glycosyltransferases
maker-1-augustus-gene-30.27-mRNA-1	Indica	Japonica		Os01g0155600	OsR498G0509618800.01.T01	Serine/arginine-rich splicing factor RS2Z33 like
maker-1-augustus-gene-30.29-mRNA-1	Indica	Indica		Os01g0156000	OsR498G0100198600.01.T01	Protein REVEILLE 8 isoform A
maker-1-augustus-gene-30.31-mRNA-1	Indica	NA		Os01g0158400	OsR498G0100205600.01.T02	Lectin
maker-1-augustus-gene-30.4-mRNA-1	Indica	NA		Os01g0158000	OsR498G0100204100.01.T01	Importin subunit alpha
maker-1-augustus-gene-30.8-mRNA-1	Indica	NA		Os01g0158200	OsR498G0100204500.01.T01	Carboxypeptidase
maker-1-augustus-gene-31.44-mRNA-1	Indica	NA		Os01g0159800	OsR498G0100210300.01.T02	Transcription factor bHLH51
maker-1-augustus-gene-31.46-mRNA-1	Indica	NA		Os01g0158900	OsR498G0100208600.01.T06	NF-X1-type zinc finger protein NFXL2
maker-1-augustus-gene-31.51-mRNA-1	Indica	NA		Os01g0159000	OsR498G0100208800.01.T01	DOG1 domain-containing protein (Fragment)
maker-1-augustus-gene-31.53-mRNA-1	Indica	NA		Os01g0159300	OsR498G0100209200.01.T02	E3 ubiquitin-protein ligase MBR1
maker-1-augustus-gene-31.59-mRNA-1	Indica	NA		Os01g0159400	OsR498G0100209800.01.T01	Acyl-coenzyme A oxidase 4 peroxisomal

maker-1-augustus-gene-31.63-mRNA-1	Indica	NA		Os01g0160100	OsR498G0100211200.01.T01	Pyruvate decarboxylase
maker-1-augustus-gene-32.51-mRNA-1	Indica	NA		Os01g0160800	OsR498G0100211800.01.T01	rRNA N-glycosidase
maker-1-augustus-gene-32.52-mRNA-1	Indica	Indica		Os01g0160800	OsR498G0100212800.01.T01	rRNA N-glycosidase
maker-1-augustus-gene-32.54-mRNA-1	Indica	NA			OsR498G0204301500.01.T06	ATP-dependent DNA helicase
maker-1-augustus-gene-33.0-mRNA-1	Indica	NA			OsR498G0100215100.01.T05	Transcription initiation factor TFIID subunit 15b
maker-1-augustus-gene-33.11-mRNA-1	Indica	NA		Os01g0164500	OsR498G0100215400.01.T01	DEAD-box ATP-dependent RNA helicase
maker-1-augustus-gene-33.16-mRNA-1	Indica	NA		Os01g0164600	OsR498G0100215600.01.T01	PPM-type phosphatase domain-containing protein
maker-1-augustus-gene-33.22-mRNA-1	Indica	NA			OsR498G0100216000.01.T02	Tower domain-containing protein (Fragment)
maker-1-augustus-gene-33.29-mRNA-1	Indica	Indica		Os01g0164900	OsR498G0100216000.01.T05	Tower domain-containing protein
maker-1-augustus-gene-33.3-mRNA-1	Indica	NA			OsR498G0100215700.01.T02	Golgi to ER traffic protein 4
maker-1-augustus-gene-33.31-mRNA-1	Indica	NA		Os01g0165100	OsR498G0100216400.01.T01	WD repeat-containing 63
maker-1-augustus-gene-33.33-mRNA-1	Indica	NA		Os01g0165200	OsR498G0100216600.01.T03	DCD (Development and Cell Death) domain protein
maker-1-augustus-gene-34.0-mRNA-1	Indica	NA		Os01g0166100	OsR498G0100219100.01.T01	Staphylococcal-like nuclease CAN2 isoform A
maker-1-augustus-gene-34.13-mRNA-1	Indica	Indica		Os01g0167100	OsR498G0100221500.01.T06	
maker-1-augustus-gene-34.15-mRNA-1	Indica	NA			OsR498G0100223300.01.T02	
maker-1-augustus-gene-34.18-mRNA-1	Indica	NA			OsR498G0100218400.01.T06	HORMA domain-containing protein
maker-1-augustus-gene-34.20-mRNA-1	Indica	NA		Os01g0166800	OsR498G0100221200.01.T01	E2F target protein 1
maker-1-augustus-gene-34.24-mRNA-1	Indica	NA		Os01g0167500	OsR498G0100222800.01.T01	TPT domain-containing protein
maker-1-augustus-gene-34.3-mRNA-1	Indica	NA			OsR498G0100219300.01.T03	Staphylococcal-like nuclease CAN2 isoform A
maker-1-augustus-gene-34.30-mRNA-1	Indica	NA			OsR498G0100223800.01.T05	
maker-1-augustus-gene-348.24-mRNA-1	Indica	NA		Os01g0805800	OsR498G0102167600.01.T01	DNA-directed RNA polymerases II 24 kDa polypeptide
maker-1-augustus-gene-348.28-mRNA-1	Indica	Indica		Os01g0268800	OsR498G0102168400.01.T03	Ubiquitin-associated domain-containing protein 2-like isoform X1
maker-1-augustus-gene-348.31-mRNA-1	Indica	NA		Os01g0806200	OsR498G0102168600.01.T01	F-box family protein-like
maker-1-augustus-gene-348.6-mRNA-1	Indica	Indica		Os01g0805900	OsR498G0102167900.01.T01	Tubulin beta chain
maker-1-augustus-gene-349.41-mRNA-1	Indica	NA			OsR498G0102174700.01.T01	Putative zinc finger, CCHC-type
maker-1-augustus-gene-349.42-mRNA-1	Indica	NA			OsR498G0102176300.01.T02	
maker-1-augustus-gene-349.44-mRNA-1	Indica	NA		Os01g0807900	OsR498G0102176900.01.T03	Pyrimidine 2 isoform 1
maker-1-augustus-gene-349.48-mRNA-1	Indica	Indica		Os01g0279900	OsR498G0102177400.01.T02	Transcription factor TGAL1
maker-1-augustus-gene-35.0-mRNA-1	Indica	NA		Os01g0168400	OsR498G0100226300.01.T01	RING finger and transmembrane domain-containing protein 2
maker-1-augustus-gene-35.13-mRNA-1	Indica	NA			OsR498G0100229500.01.T01	Transcription factor MYB3
maker-1-augustus-gene-35.15-mRNA-1	Indica	NA		Os01g0167800		PMD domain-containing protein (Fragment)
maker-1-augustus-gene-35.18-mRNA-1	Indica	NA		Os01g0167900	OsR498G0100224600.01.T02	NAB domain-containing protein
maker-1-augustus-gene-35.20-mRNA-1	Indica	NA		Os01g0168200	OsR498G0100225200.01.T02	Thioredoxin H-type like
maker-1-augustus-gene-35.23-mRNA-1	Indica	NA		Os01g0168300	OsR498G0100225600.01.T01	Import inner membrane translocase subunit
maker-1-augustus-gene-35.25-mRNA-1	Indica	NA		Os01g0168800	OsR498G0100227000.01.T02	AB hydrolase-1 domain-containing protein
maker-1-augustus-gene-35.28-mRNA-1	Indica	NA			OsR498G0100227600.01.T01	Transcription factor TT2
maker-1-augustus-gene-35.6-mRNA-1	Indica	NA		Os01g0168500	OsR498G0100226500.01.T03	Homolog of yeast autophagy 18C
maker-1-augustus-gene-35.8-mRNA-1	Indica	Indica		Os01g0168600	OsR498G0100226700.01.T02	O-fucosyltransferase family protein (Fragment)
maker-1-augustus-gene-350.22-mRNA-1	Indica	NA	LRR-TM		OsR498G0102182300.01.T02	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1
maker-1-augustus-gene-350.26-mRNA-1	Indica	NA			OsR498G0102183300.01.T01	
maker-1-augustus-gene-350.28-mRNA-1	Indica	NA			OsR498G0102183700.01.T01	C2H2-type domain-containing protein
maker-1-augustus-gene-351.12-mRNA-1	Indica	NA		Os01g0810000	OsR498G0102186800.01.T02	U3 small nucleolar RNA-associated protein 11
maker-1-augustus-gene-351.17-mRNA-1	Indica	NA		Os01g0810100	OsR498G0102187200.01.T01	RNase III domain-containing protein (Fragment)
maker-1-augustus-gene-351.2-mRNA-1	Indica	Indica		Os01g0809900	OsR498G0102186500.01.T01	DAO domain-containing protein (Fragment)
maker-1-augustus-gene-351.20-mRNA-1	Indica	Indica	Kinase-LRR-TM	Os01g0810533	OsR498G0102188400.01.T04	Receptor-like protein kinase
maker-1-augustus-gene-351.26-mRNA-1	Indica	NA	Kinase-TM	Os01g0810600		Putative light repressible receptor protein kinase
maker-1-augustus-gene-351.6-mRNA-1	Indica	NA		Os01g0810200	OsR498G0102187300.01.T02	RmlC-like jelly roll
maker-1-augustus-gene-351.8-mRNA-1	Indica	NA		Os01g0810300	OsR498G0102187500.01.T02	Calmodulin
maker-1-augustus-gene-352.35-mRNA-1	Indica	NA		Os01g0811100	OsR498G0102192900.01.T01	Proteasome endopeptidase complex
maker-1-augustus-gene-352.41-mRNA-1	Indica	NA		Os01g0812000	OsR498G0102195500.01.T02	Transcription factor GAMYB
maker-1-augustus-gene-352.45-mRNA-1	Indica	NA		Os01g0812050	OsR498G0102195900.01.T01	Ulp1 protease family C-terminal catalytic domain containing protein express
maker-1-augustus-gene-352.53-mRNA-1	Indica	NA	Kinase-LRR-TM		OsR498G0102191000.01.T01	Putative light repressible receptor protein kinase
maker-1-augustus-gene-352.57-mRNA-1	Indica	NA	Kinase-LRR-TM	Os01g0810900	OsR498G0102192000.01.T04	Putative light repressible receptor protein kinase
maker-1-augustus-gene-352.63-mRNA-1	Indica	NA		Os01g0811400	OsR498G0102193800.01.T02	Exostosin domain-containing protein
maker-1-augustus-gene-353.0-mRNA-1	Indica	NA			OsR498G0102200100.01.T02	Ethylene-responsive transcription factor WRI1
maker-1-augustus-gene-353.15-mRNA-1	Indica	NA		Os01g0814000	OsR498G0102201900.01.T01	NUFIP1 domain-containing protein (Fragment)
maker-1-augustus-gene-353.22-mRNA-1	Indica	NA		Os01g0812600	OsR498G0102198200.01.T01	
maker-1-augustus-gene-353.26-mRNA-1	Indica	Indica		Os03g0322500	OsR498G0102199200.01.T02	14 kDa zinc-binding protein, putative, expressed
maker-1-augustus-gene-353.31-mRNA-1	Indica	NA		Os01g0813100	OsR498G0102199400.01.T02	ABSCISIC ACID-INSENSITIVE 5-like protein 2
maker-1-augustus-gene-353.35-mRNA-1	Indica	NA		Os01g0813500	OsR498G0102200600.01.T01	GLUE N-terminal domain-containing protein
maker-1-augustus-gene-353.40-mRNA-1	Indica	Indica		Os01g0930800	OsR498G0102200800.01.T01	Non-cyanogenic beta-glucosidase

maker-1-augustus-gene-353.41-mRNA-1	Indica	Indica		Os01g0930800	OsR498G0102200800.01.T01	Beta-glucosidase 2
maker-1-augustus-gene-353.44-mRNA-1	Indica	Indica		Os01g0930800	OsR498G0102201400.01.T03	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucoside
maker-1-augustus-gene-353.8-mRNA-1	Indica	NA		Os01g0813900	OsR498G0102201700.01.T06	probable ADP-ribosylation factor GTPase-activating protein AGD14
maker-1-augustus-gene-354.0-mRNA-1	Indica	NA		Os01g0814150		
maker-1-augustus-gene-354.10-mRNA-1	Indica	Indica		Os05g0489000	OsR498G0102202600.01.T02	iPPc domain-containing protein (Fragment)
maker-1-augustus-gene-354.14-mRNA-1	Indica	NA		Os01g0814400	OsR498G0102203000.01.T01	Dentin sialophosphoprotein
maker-1-augustus-gene-354.16-mRNA-1	Indica	Indica		Os01g0814700	OsR498G0102203400.01.T05	F-box protein SKIP24
maker-1-augustus-gene-354.2-mRNA-1	Indica	NA		Os01g0814300	OsR498G0102202700.01.T01	Pentatricopeptide repeat-containing protein chloroplastic/mitochondrial
maker-1-augustus-gene-354.20-mRNA-1	Indica	NA		Os01g0814800	OsR498G0102203600.01.T01	Cysteine synthase
maker-1-augustus-gene-354.23-mRNA-1	Indica	NA		Os01g0814900	OsR498G0102204200.01.T01	NADH-cytochrome b5 reductase
maker-1-augustus-gene-354.27-mRNA-1	Indica	Japonica		Os01g0815400	OsR498G0511077900.01.T01	Laminin subunit gamma-3
maker-1-augustus-gene-354.30-mRNA-1	Indica	NA		Os01g0816100	OsR498G0102207800.01.T02	Stress-induced transcription factor NAC1
maker-1-augustus-gene-354.32-mRNA-1	Indica	NA		Os01g0816400	OsR498G0102209000.01.T04	VHS domain-containing protein
maker-1-augustus-gene-354.4-mRNA-1	Indica	NA		Os01g0815700	OsR498G0102206700.01.T01	Zinc finger protein VAR3 chloroplastic
maker-1-augustus-gene-354.8-mRNA-1	Indica	NA		Os01g0815800	OsR498G0102206900.01.T03	TRASH domain-containing protein
maker-1-augustus-gene-355.0-mRNA-1	Indica	NA	Kinase-LRR-TM		OsR498G0102210700.01.T02	Leucine-rich repeat protein kinase family protein
maker-1-augustus-gene-355.13-mRNA-1	Indica	NA		Os01g0817700	OsR498G0102213900.01.T04	2,3-bisphosphoglycerate-independent phosphoglycerate mutase
maker-1-augustus-gene-355.18-mRNA-1	Indica	Indica		Os01g0816400	OsR498G0102210200.01.T01	TOG domain-containing protein
maker-1-augustus-gene-355.21-mRNA-1	Indica	NA		Os01g0817000	OsR498G0102211400.01.T01	Calcium uniporter protein (Fragment)
maker-1-augustus-gene-355.24-mRNA-1	Indica	NA		Os01g0817100	OsR498G0102211800.01.T05	TLC domain-containing protein (Fragment)
maker-1-augustus-gene-355.26-mRNA-1	Indica	NA		Os01g0817800	OsR498G0102214200.01.T01	Transducin/WD40 repeat-like superfamily protein isoform 1
maker-1-augustus-gene-355.9-mRNA-1	Indica	Indica		Os01g0817400	OsR498G0102212100.01.T01	Cation/H(+) antiporter 15
maker-1-augustus-gene-356.0-mRNA-1	Indica	NA		Os01g0818000	OsR498G0102215500.01.T06	PIN-formed protein14
maker-1-augustus-gene-356.11-mRNA-1	Indica	NA		Os01g0818400	OsR498G0102216700.01.T02	Homeobox domain-containing protein (Fragment)
maker-1-augustus-gene-356.13-mRNA-1	Indica	NA		Os01g0819000	OsR498G0102218300.01.T01	Proline-rich family protein
maker-1-augustus-gene-356.16-mRNA-1	Indica	Indica	Kinase-LRR-TM	Os05g0480400	OsR498G0102218900.01.T03	Inactive receptor kinase
maker-1-augustus-gene-356.23-mRNA-1	Indica	NA	Kinase-LRR-TM		OsR498G0102217000.01.T01	Non-specific serine/threonine protein kinase (Fragment)
maker-1-augustus-gene-356.25-mRNA-1	Indica	Indica		Os09g0538800	OsR498G0102219200.01.T01	Calcium lipid binding protein-like
maker-1-augustus-gene-356.37-mRNA-1	Indica	Indica		Os09g0538800	OsR498G0102219400.01.T03	Calcium lipid binding protein-like
maker-1-augustus-gene-356.4-mRNA-1	Indica	NA			OsR498G0102215900.01.T01	C2 calcium-dependent membrane targeting
maker-1-augustus-gene-356.7-mRNA-1	Indica	NA		Os01g0818300	OsR498G0102216100.01.T01	KH domain-containing protein SPIN1
maker-1-augustus-gene-357.0-mRNA-1	Indica	NA		Os01g0819400	OsR498G0102220900.01.T02	Ubiquitin-conjugating enzyme E2
maker-1-augustus-gene-357.1-mRNA-1	Indica	NA		Os01g0819400	OsR498G0102221700.01.T02	UBC core domain-containing protein (Fragment)
maker-1-augustus-gene-357.10-mRNA-1	Indica	NA			OsR498G0102224700.01.T01	WRKY transcription factor
maker-1-augustus-gene-357.12-mRNA-1	Indica	NA			OsR498G0102225700.01.T01	WRKY transcription factor 18
maker-1-augustus-gene-357.14-mRNA-1	Indica	NA			OsR498G0102226300.01.T01	WRKY transcription factor 20
maker-1-augustus-gene-357.16-mRNA-1	Indica	NA		Os01g0819900	OsR498G0102222600.01.T01	Inactive serine/threonine-protein kinase scy1
maker-1-augustus-gene-357.20-mRNA-1	Indica	Japonica		Os01g0820000	OsR498G0510486800.01.T01	Trans-cinnamate 4-monooxygenase
maker-1-augustus-gene-357.6-mRNA-1	Indica	NA		Os01g0819400	OsR498G0102220900.01.T02	UBC core domain-containing protein (Fragment)
maker-1-augustus-gene-358.0-mRNA-1	Indica	NA		Os01g0821600	OsR498G0102228300.01.T01	WRKY transcription factor 1
maker-1-augustus-gene-358.13-mRNA-1	Indica	NA		Os01g0821800	OsR498G0102228800.01.T01	tRNA-binding domain-containing protein (Fragment)
maker-1-augustus-gene-358.18-mRNA-1	Indica	Indica	Kinase-LRR-TM	Os01g0821900	OsR498G0102230200.01.T01	Serine/threonine kinase
maker-1-augustus-gene-358.2-mRNA-1	Indica	NA				Glutathione S-transferase T2-like
maker-1-augustus-gene-358.20-mRNA-1	Indica	NA	Kinase-TM	Os01g0822200	OsR498G0102231000.01.T04	Serine/threonine-protein kinase NAK
maker-1-augustus-gene-358.4-mRNA-1	Indica	NA		Os01g0821300	OsR498G0102227200.01.T01	WRKY55-superfamily of TFs having WRKY and zinc finger domains
maker-1-augustus-gene-358.8-mRNA-1	Indica	NA			OsR498G0102228600.01.T02	Protein FATTY ACID EXPORT 3 chloroplastic
maker-1-augustus-gene-359.42-mRNA-1	Indica	NA		Os01g0823100	OsR498G0102236100.01.T01	Expansin
maker-1-augustus-gene-359.44-mRNA-1	Indica	NA				TPT domain-containing protein
maker-1-augustus-gene-359.49-mRNA-1	Indica	NA		Os01g0823300	OsR498G0102236500.01.T01	40S ribosomal protein S26
maker-1-augustus-gene-359.51-mRNA-1	Indica	NA		Os01g0823400	OsR498G0102236900.01.T02	2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase superfamily protein
maker-1-augustus-gene-359.54-mRNA-1	Indica	NA		Os01g0823600	OsR498G0102238700.01.T01	GATA-N domain-containing protein
maker-1-augustus-gene-359.56-mRNA-1	Indica	NA			OsR498G0102239900.01.T01	
maker-1-augustus-gene-36.36-mRNA-1	Indica	Indica	Kinase-LRR-TM	Os01g0170300	OsR498G0100236300.01.T02	Mitogen-activated protein kinase kinase kinase
maker-1-augustus-gene-36.46-mRNA-1	Indica	NA		Os01g0169500	OsR498G0100232800.01.T02	
maker-1-augustus-gene-36.55-mRNA-1	Indica	NA			OsR498G0100235000.01.T02	Galactinol-sucrose galactosyltransferase
maker-1-augustus-gene-360.10-mRNA-1	Indica	NA			OsR498G0102242400.01.T01	
maker-1-augustus-gene-360.12-mRNA-1	Indica	NA		Os01g0825500	OsR498G0102245400.01.T03	Nodulin-like domain-containing protein (Fragment)
maker-1-augustus-gene-360.14-mRNA-1	Indica	NA		Os01g0825700	OsR498G0102246600.01.T01	Target of Myb protein 1-like
maker-1-augustus-gene-360.20-mRNA-1	Indica	Indica		Os01g0825800	OsR498G0102247400.01.T01	Amino acid-polyamine transporter
maker-1-augustus-gene-360.21-mRNA-1	Indica	NA		Os01g0825800	OsR498G0102247400.01.T02	Amino acid-polyamine transporter
maker-1-augustus-gene-360.3-mRNA-1	Indica	NA	Kinase-TM	Os01g0824600	OsR498G0102242100.01.T06	Non-specific serine/threonine protein kinase

maker-1-augustus-gene-360.4-mRNA-1	Indica	NA		Os01g0824800	OsR498G0102242700.01.T02	
maker-1-augustus-gene-360.6-mRNA-1	Indica	NA		Os01g0825000	OsR498G0102243500.01.T01	LOB domain-containing protein 15
maker-1-augustus-gene-360.8-mRNA-1	Indica	NA		Os01g0826000	OsR498G0102247900.01.T01	HMA domain-containing protein
maker-1-augustus-gene-361.38-mRNA-1	Indica	NA		Os01g0826400	OsR498G0102249300.01.T01	Transcription factor WRKY33
maker-1-augustus-gene-361.40-mRNA-1	Indica	NA			OsR498G0102249900.01.T01	
maker-1-augustus-gene-361.43-mRNA-1	Indica	NA		Os01g0827300	OsR498G0102253300.01.T01	Laccase
maker-1-augustus-gene-361.45-mRNA-1	Indica	NA			OsR498G0102255300.01.T01	Cinnamoyl-CoA reductase
maker-1-augustus-gene-361.48-mRNA-1	Indica	NA			OsR498G0102255500.01.T01	Gamma interferon inducible lysosomal thiol reductase GILT
maker-1-augustus-gene-361.51-mRNA-1	Indica	NA		Os01g0828300	OsR498G0102255700.01.T04	Methyltransferase
maker-1-augustus-gene-361.57-mRNA-1	Indica	NA				
maker-1-augustus-gene-361.60-mRNA-1	Indica	NA		Os01g0826900	OsR498G0102252200.01.T01	Protein RETICULATA-RELATED 6 chloroplastic
maker-1-augustus-gene-361.64-mRNA-1	Indica	NA		Os01g0827200	OsR498G0102252800.01.T01	PX domain-containing protein (Fragment)
maker-1-augustus-gene-361.68-mRNA-1	Indica	Indica		Os01g0827700	OsR498G0102254000.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-362.37-mRNA-1	Indica	NA			OsR498G0611768000.01.T01	
maker-1-augustus-gene-362.39-mRNA-1	Indica	NA		Os01g0829000	OsR498G0102257700.01.T02	Thioredoxin-like fold domain-containing protein MRL7, chloroplastic
maker-1-augustus-gene-362.48-mRNA-1	Indica	NA		Os01g0830700	OsR498G0102265100.01.T04	Protein trichome birefringence-like
maker-1-augustus-gene-362.53-mRNA-1	Indica	NA		Os01g0829100	OsR498G0102258000.01.T01	Cyclin dependent kinase inhibitor 2D
maker-1-augustus-gene-362.55-mRNA-1	Indica	NA		Os01g0829300		
maker-1-augustus-gene-362.57-mRNA-1	Indica	NA		Os01g0829900	OsR498G0102261000.01.T01	Probable metal-nicotianamine transporter YSL18
maker-1-augustus-gene-362.59-mRNA-1	Indica	NA		Os01g0830000	OsR498G0102261200.01.T01	UPF0051 protein ABCI8, chloroplastic
maker-1-augustus-gene-362.61-mRNA-1	Indica	NA		Os01g0830500	OsR498G0102262400.01.T01	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-1-augustus-gene-362.14-mRNA-1	Indica	NA		Os01g0832600	OsR498G0102271500.01.T02	Jasmonate-regulated gene 21
maker-1-augustus-gene-363.16-mRNA-1	Indica	Indica		Os01g0831900	OsR498G0102268800.01.T01	Ammonium transporter
maker-1-augustus-gene-363.18-mRNA-1	Indica	NA		Os01g0831900	OsR498G0102269200.01.T01	Ammonium transporter
maker-1-augustus-gene-363.20-mRNA-1	Indica	NA			OsR498G0102269400.01.T02	Phytol kinase
maker-1-augustus-gene-363.25-mRNA-1	Indica	Indica		Os05g0467300	OsR498G0102270000.01.T01	
maker-1-augustus-gene-363.6-mRNA-1	Indica	NA		Os01g0832100	OsR498G0102269700.01.T01	Gdsl esteraselipase
maker-1-augustus-gene-363.8-mRNA-1	Indica	Indica		Os05g0467000	OsR498G0102270900.01.T05	Calcium-dependent protein kinase
maker-1-augustus-gene-364.11-mRNA-1	Indica	NA		Os01g0834200	OsR498G0102276700.01.T05	V-type proton ATPase subunit a
maker-1-augustus-gene-364.18-mRNA-1	Indica	NA		Os01g0833100	OsR498G0102273800.01.T01	FCP1 homology domain-containing protein
maker-1-augustus-gene-364.22-mRNA-1	Indica	NA		Os01g0833500	OsR498G0102274800.01.T01	Carboxypeptidase
maker-1-augustus-gene-364.25-mRNA-1	Indica	NA		Os01g0833600	OsR498G0102275000.01.T01	ATP-dependent Clp protease adapter protein ClpS
maker-1-augustus-gene-364.27-mRNA-1	Indica	NA		Os01g0833700	OsR498G0102275200.01.T03	Coatomer subunit delta
maker-1-augustus-gene-364.32-mRNA-1	Indica	NA		Os01g0833800	OsR498G0102275400.01.T05	IQ-domain 3
maker-1-augustus-gene-364.35-mRNA-1	Indica	Indica		Os01g0834100	OsR498G0102275800.01.T02	Interactor of constitutive active ROPs 3
maker-1-augustus-gene-364.38-mRNA-1	Indica	NA			OsR498G0102275800.01.T05	
maker-1-augustus-gene-364.6-mRNA-1	Indica	NA		Os01g0833200	OsR498G0102274100.01.T02	Putative rmlC-like cupin domain-containing protein
maker-1-augustus-gene-364.9-mRNA-1	Indica	NA		Os01g0833400	OsR498G0102274300.01.T02	Chlorophyll A-B binding family protein
maker-1-augustus-gene-365.0-mRNA-1	Indica	NA		Os01g0834700	OsR498G0102279700.01.T01	Zinc finger CCH domain-containing protein 11
maker-1-augustus-gene-365.11-mRNA-1	Indica	NA		Os01g0834500	OsR498G0102279400.01.T04	40S ribosomal protein S23
maker-1-augustus-gene-365.13-mRNA-1	Indica	NA		Os01g0834601	OsR498G0102279400.01.T04	40S ribosomal protein S23
maker-1-augustus-gene-365.15-mRNA-1	Indica	Indica		Os05g0465100	OsR498G0102281200.01.T01	Rab-GAP TBC domain-containing protein
maker-1-augustus-gene-365.20-mRNA-1	Indica	NA		Os01g0835700	OsR498G0102285600.01.T01	CCT domain
maker-1-augustus-gene-365.22-mRNA-1	Indica	NA		Os01g0835800	OsR498G0102286000.01.T02	NAB domain-containing protein
maker-1-augustus-gene-365.3-mRNA-1	Indica	NA		Os01g0835500	OsR498G0102283700.01.T01	Respiratory burst oxidase like protein H
maker-1-augustus-gene-365.9-mRNA-1	Indica	Indica		Os05g0463800	OsR498G0102279000.01.T01	Nuclear transcription factor Y subunit B
maker-1-augustus-gene-366.40-mRNA-1	Indica	Indica		Os01g0836400	OsR498G0102287100.01.T04	PCI domain-containing protein
maker-1-augustus-gene-366.45-mRNA-1	Indica	NA			OsR498G0102290700.01.T01	caffeoylshikimate esterase-like
maker-1-augustus-gene-366.49-mRNA-1	Indica	NA		Os01g0837300	OsR498G0102291100.01.T01	UDP-glucuronic acid decarboxylase
maker-1-augustus-gene-366.53-mRNA-1	Indica	NA		Os01g0837500	OsR498G0102291300.01.T04	DNA helicase
maker-1-augustus-gene-366.59-mRNA-1	Indica	Indica		Os01g0837600	OsR498G0102291500.01.T01	Plant-specific domain TIGR01589 family protein expressed
maker-1-augustus-gene-366.63-mRNA-1	Indica	Indica		Os01g0837000	OsR498G0102290000.01.T02	Ankyrin repeat-containing protein NPR4
maker-1-augustus-gene-366.73-mRNA-1	Indica	NA		Os01g0837900	OsR498G0102292600.01.T02	Serinethreonine-protein kinase afc1
maker-1-augustus-gene-367.0-mRNA-1	Indica	NA			OsR498G0102293500.01.T02	Transcription repressor OFP4
maker-1-augustus-gene-367.1-mRNA-1	Indica	NA		Os01g0838100	OsR498G0102294100.01.T02	Replication protein A 70 kDa DNA-binding subunit B-like
maker-1-augustus-gene-367.14-mRNA-1	Indica	NA		Os04g0132900		
maker-1-augustus-gene-367.16-mRNA-1	Indica	NA		Os01g0838800	OsR498G0102297100.01.T01	Coatomer subunit zeta
maker-1-augustus-gene-367.19-mRNA-1	Indica	NA			OsR498G0204529200.01.T01	Putative non-LTR retroelement reverse transcriptase
maker-1-augustus-gene-367.20-mRNA-1	Indica	NA			OsR498G0102299300.01.T04	RplQ
maker-1-augustus-gene-367.26-mRNA-1	Indica	NA		Os01g0838900		DDE Tnp4 domain-containing protein (Fragment)
maker-1-augustus-gene-367.28-mRNA-1	Indica	NA		Os01g0839200	OsR498G0102299000.01.T01	UPSTREAM OF FLC protein (DUF966)

maker-1-augustus-gene-367.30-mRNA-1	Indica	NA		Os01g0839700	OsR498G0102300200.01.T01	Ubiquitin-conjugating enzyme
maker-1-augustus-gene-368.0-mRNA-1	Indica	NA		Os01g0840100	OsR498G0102302100.01.T02	Heat shock cognate 70 kDa protein 2
maker-1-augustus-gene-368.7-mRNA-1	Indica	NA		Os01g0840300	OsR498G0102304200.01.T01	Homeobox domain
maker-1-augustus-gene-37.33-mRNA-1	Indica	NA		Os01g0172200	OsR498G0100242400.01.T02	DEAD-box ATP-dependent RNA helicase 14
maker-1-augustus-gene-37.36-mRNA-1	Indica	NA		Os01g0172300	OsR498G0100242600.01.T02	DUF4050 domain-containing protein (Fragment)
maker-1-augustus-gene-37.39-mRNA-1	Indica	NA		Os01g0172400	OsR498G0100242800.01.T02	Phospholipase D
maker-1-augustus-gene-37.6-mRNA-1	Indica	NA			OsR498G0100242900.01.T04	Peroxidase
maker-1-augustus-gene-383.1-mRNA-1	Indica	NA		Os01g0869200	OsR498G0102410700.01.T01	Magnesium transporter
maker-1-augustus-gene-383.32-mRNA-1	Indica	Indica		Os07g0232900	OsR498G0102410400.01.T01	Cadmium/zinc-transporting ATPase HMA2
maker-1-augustus-gene-39.47-mRNA-1	Indica	NA		Os01g0176500	OsR498G0100254600.01.T01	Myosin-10 like
maker-1-augustus-gene-39.9-mRNA-1	Indica	Indica		Os05g0178000	OsR498G0100254300.01.T01	NPH3 domain-containing protein (Fragment)
maker-1-augustus-gene-422.62-mRNA-1	Indica	Indica		Os03g0855700	OsR498G0102324800.01.T02	DUF223 domain-containing protein
maker-1-augustus-gene-422.66-mRNA-1	Indica	Indica		Os01g0630700	OsR498G1221780100.01.T02	Putative transcription factor DP, helitron helicase-like domain-containing pr
maker-1-augustus-gene-425.0-mRNA-1	Indica	NA		Os01g0850800	OsR498G0102340700.01.T01	Laccase
maker-1-augustus-gene-44.5-mRNA-1	Indica	NA			OsR498G0100281900.01.T04	Spatacsin
maker-1-augustus-gene-445.9-mRNA-1	Indica	Indica	Kinase-TM	Os01g0890600	OsR498G0102491100.01.T02	Receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-448.23-mRNA-1	Indica	NA	Kinase		OsR498G0102507600.01.T01	Cell division control protein 2
maker-1-augustus-gene-45.72-mRNA-1	Indica	NA		Os01g0183700		Histone-lysine N-methyltransferase ATX1
maker-1-augustus-gene-46.38-mRNA-1	Indica	NA			OsR498G0100288300.01.T02	Cysteine dioxygenase
maker-1-augustus-gene-47.22-mRNA-1	Indica	NA		Os01g0187000	OsR498G0100294100.01.T01	Skp1 domain-containing protein
maker-1-augustus-gene-47.42-mRNA-1	Indica	NA	Kinase-TM	Os01g0186700	OsR498G0100292200.01.T03	ACG (cAMP-dependent cGMP-dependent and protein kinase C) kinase family
maker-1-augustus-gene-47.39-mRNA-1	Indica	NA		Os01g0905200	OsR498G0102535900.01.T01	Transposon protein, putative, unclassified
maker-1-augustus-gene-470.41-mRNA-1	Indica	Indica		Os01g0905300	OsR498G0102536100.01.T01	Exocyst complex component EXO70A1
maker-1-augustus-gene-470.47-mRNA-1	Indica	NA		Os01g0905400	OsR498G0102536400.01.T01	B3 domain-containing protein
maker-1-augustus-gene-470.50-mRNA-1	Indica	NA			OsR498G0102539200.01.T02	Ceramide glucosyltransferase
maker-1-augustus-gene-470.58-mRNA-1	Indica	NA			OsR498G0102540800.01.T02	Vacuolar protein sorting-associated protein 53 A like
maker-1-augustus-gene-471.10-mRNA-1	Indica	NA		Os01g0908200	OsR498G0102547300.01.T01	BTB/POZ and TAZ domain-containing protein 1
maker-1-augustus-gene-471.13-mRNA-1	Indica	NA			OsR498G0102548500.01.T02	Proline transporter 2
maker-1-augustus-gene-471.14-mRNA-1	Indica	NA			OsR498G0102548500.01.T01	Proline transporter 1
maker-1-augustus-gene-471.2-mRNA-1	Indica	NA		Os01g0907300	OsR498G0102542500.01.T02	GPI transamidase component PIG-S
maker-1-augustus-gene-471.27-mRNA-1	Indica	NA				Ypt/Rab-GAP domain of gyp1p superfamily protein isoform 2
maker-1-augustus-gene-471.32-mRNA-1	Indica	Indica		Os01g0908500	OsR498G0102547800.01.T01	Magnesium transporter
maker-1-augustus-gene-471.37-mRNA-1	Indica	Indica		Os01g0908700	OsR498G0102548800.01.T01	E3 ubiquitin-protein ligase RGLG2
maker-1-augustus-gene-471.6-mRNA-1	Indica	NA		Os01g0907400		Lysine-specific demethylase
maker-1-augustus-gene-471.8-mRNA-1	Indica	NA		Os01g0907900	OsR498G0102544500.01.T01	RRM domain-containing protein (Fragment)
maker-1-augustus-gene-472.0-mRNA-1	Indica	NA			OsR498G0102550900.01.T02	NPL domain-containing protein
maker-1-augustus-gene-472.11-mRNA-1	Indica	NA		Os01g0910400	OsR498G0102553900.01.T09	Lysine ketoglutarate reductase trans-splicing related 1
maker-1-augustus-gene-472.17-mRNA-1	Indica	NA		Os01g0909200	OsR498G0102551400.01.T02	Endoribonuclease Dicer a
maker-1-augustus-gene-472.30-mRNA-1	Indica	NA		Os01g0909500		NPL domain-containing protein
maker-1-augustus-gene-472.6-mRNA-1	Indica	NA		Os01g0909300		Wiskott-Aldrich syndrome protein family member 2 like
maker-1-augustus-gene-473.0-mRNA-1	Indica	NA		Os01g0911200	OsR498G0102555700.01.T01	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2
maker-1-augustus-gene-473.13-mRNA-1	Indica	NA			OsR498G1119986200.01.T02	4F5 domain-containing protein (Fragment)
maker-1-augustus-gene-473.15-mRNA-1	Indica	NA	NBS-TM	Os01g0911300	OsR498G0102556000.01.T01	ABC transporter B family member 26, chloroplastic
maker-1-augustus-gene-473.6-mRNA-1	Indica	NA		Os01g0911000		Neuroguidin
maker-1-augustus-gene-473.8-mRNA-1	Indica	NA			OsR498G0102555000.01.T06	DEAD-box ATP-dependent RNA helicase
maker-1-augustus-gene-474.33-mRNA-1	Indica	NA		Os01g0911800	OsR498G0102558100.01.T01	BLISTER
maker-1-augustus-gene-474.40-mRNA-1	Indica	NA			OsR498G0102559900.01.T01	snRNA-activating protein complex subunit
maker-1-augustus-gene-474.44-mRNA-1	Indica	NA		Os01g0912700	OsR498G0102560100.01.T03	Thioredoxin F-type chloroplastic
maker-1-augustus-gene-474.48-mRNA-1	Indica	NA		Os01g0911700	OsR498G0102558000.01.T02	Regulatory protein viviparous-1
maker-1-augustus-gene-474.51-mRNA-1	Indica	NA			OsR498G0102558400.01.T05	Protein arginine methyltransferase NDUFAF7
maker-1-augustus-gene-491.15-mRNA-1	Indica	NA		Os07g0513300	OsR498G1120703200.01.T01	PMD domain-containing protein (Fragment)
maker-1-augustus-gene-495.0-mRNA-1	Indica	NA		Os01g0949700	OsR498G0102701900.01.T03	Glutathione S-transferase, N-terminal domain containing protein, expressed
maker-1-augustus-gene-497.64-mRNA-1	Indica	NA		Os01g0953600	OsR498G0102713200.01.T01	NAD(P)H dehydrogenase (quinone)
maker-1-augustus-gene-499.21-mRNA-1	Indica	NA		Os01g0956700	OsR498G0102729800.01.T01	
maker-1-augustus-gene-500.16-mRNA-1	Indica	NA		Os01g0958500	OsR498G0102735500.01.T01	RNA-binding family protein isoform 1
maker-1-augustus-gene-501.12-mRNA-1	Indica	NA				
maker-1-augustus-gene-501.50-mRNA-1	Indica	NA		Os01g0961600	OsR498G0102743800.01.T01	
maker-1-augustus-gene-501.55-mRNA-1	Indica	Indica		Os01g0962200	OsR498G0102744800.01.T01	Senescence associated proteingene 18 isoform 1
maker-1-augustus-gene-501.8-mRNA-1	Indica	Indica		Os07g0651500	OsR498G0102743500.01.T03	ATP-dependent DNA helicase
maker-1-augustus-gene-504.60-mRNA-1	Indica	NA		Os01g0968300	OsR498G0102762700.01.T01	Late embryogenesis abundant protein-related / LEA protein-related
maker-1-augustus-gene-504.78-mRNA-1	Indica	Indica		Os01g0968300	OsR498G0102762600.01.T01	Late embryogenesis abundant protein-related / LEA protein-related

maker-1-augustus-gene-505.22-mRNA-1	Indica	NA			OsR498G0102769200.01.T02	
maker-1-augustus-gene-52.29-mRNA-1	Indica	NA		Os01g0195500	OsR498G0100335800.01.T01	Translation machinery-associated protein 22
maker-1-augustus-gene-67.0-mRNA-1	Indica	Indica		Os05g0215600	OsR498G0100439900.01.T01	Delta(8)-fatty-acid desaturase-like
maker-1-augustus-gene-67.11-mRNA-1	Indica	NA			OsR498G0100441000.01.T02	Peptidase C45, acyl-coenzyme A/6-aminopenicillanic acid acyl-transferase
maker-1-augustus-gene-67.2-mRNA-1	Indica	NA		Os01g0221600	OsR498G0100440500.01.T08	Aluminum-activated malate transporter like
maker-1-augustus-gene-67.6-mRNA-1	Indica	NA			OsR498G0100437400.01.T01	Jasmonic acid-amino acid-conjugating enzyme
maker-1-augustus-gene-67.9-mRNA-1	Indica	NA		Os01g0221300	OsR498G0100439000.01.T01	Chromodomain-helicase-DNA-binding protein 1-like
maker-1-augustus-gene-7.14-mRNA-1	Indica	Indica		Os05g0103700	OsR498G0100040000.01.T01	
maker-1-augustus-gene-7.22-mRNA-1	Indica	NA			OsR498G0100040600.01.T01	U-box domain-containing protein 4
maker-1-augustus-gene-7.25-mRNA-1	Indica	NA	Kinase-TM	Os01g0113200	OsR498G0100043400.01.T02	Receptor serine/threonine kinase
maker-1-augustus-gene-7.9-mRNA-1	Indica	NA	Kinase-TM	Os01g0113300	OsR498G0100043700.01.T01	Iron-deficiency induced receptor-like kinase
maker-1-augustus-gene-8.130-mRNA-1	Indica	Japonica		Os01g0115200	OsR498G1119343800.01.T03	Amidase signature enzyme
maker-1-augustus-gene-8.133-mRNA-1	Indica	Indica	Kinase-TM	Os01g0113400	OsR498G0100045600.01.T01	Serine/threonine protein kinase
maker-1-augustus-gene-8.134-mRNA-1	Indica	Japonica	Kinase-TM	Os01g0114100	OsR498G0100046400.01.T01	Putative rust resistance kinase Lr10
maker-1-augustus-gene-8.139-mRNA-1	Indica	Indica	Kinase-TM	Os01g0116200	OsR498G0100046400.01.T07	Putative rust resistance kinase Lr10
maker-1-augustus-gene-8.141-mRNA-1	Indica	Japonica	Kinase-TM	Os01g0114600	OsR498G0100047600.01.T01	Receptor-like kinase
maker-1-augustus-gene-8.144-mRNA-1	Indica	Indica		Os01g0115750	OsR498G0100050600.01.T01	Putative rust resistance kinase Lr10
maker-1-augustus-gene-8.47-mRNA-1	Indica	Indica	Kinase-TM	Os01g0113800	OsR498G0100045100.01.T01	Putative rust resistance kinase Lr10
maker-1-augustus-gene-8.48-mRNA-1	Indica	NA	Kinase-TM	Os01g0113800	OsR498G0100045700.01.T01	Resistance-related receptor-like kinase
maker-1-augustus-gene-8.49-mRNA-1	Indica	NA	Kinase-TM	Os01g0115900	OsR498G0100046700.01.T01	Receptor-like protein kinase (Fragment)
maker-1-augustus-gene-8.50-mRNA-1	Indica	Japonica	Kinase-TM	Os01g0114500	OsR498G0100047300.01.T01	Receptor serine/threonine kinase
maker-1-augustus-gene-8.51-mRNA-1	Indica	NA	Kinase-TM	Os01g0114700	OsR498G0100047900.01.T01	Resistance-related receptor-like kinase
maker-1-augustus-gene-80.44-mRNA-1	Indica	NA		Os02g0140500	OsR498G0101278400.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-1-augustus-gene-80.55-mRNA-1	Indica	NA		Os01g0244400	OsR498G0100533600.01.T01	RNA-binding glycine-rich protein-like
maker-1-augustus-gene-81.4-mRNA-1	Indica	Indica		Os01g0246700	OsR498G0100541900.01.T01	WRKY transcription factor
maker-1-augustus-gene-9.101-mRNA-1	Indica	NA	Kinase-TM	Os01g0116400	OsR498G0100053600.01.T01	Receptor-like kinase
maker-1-augustus-gene-9.102-mRNA-1	Indica	Indica		Os01g0116600	OsR498G0100054400.01.T01	Tr-type G domain-containing protein
maker-1-augustus-gene-9.103-mRNA-1	Indica	NA		Os01g0116400	OsR498G0100053600.01.T01	Receptor kinase
maker-1-augustus-gene-9.105-mRNA-1	Indica	Indica	Kinase-TM	Os01g0117400	OsR498G0100056600.01.T01	Putative rust resistance kinase Lr10
maker-1-augustus-gene-9.181-mRNA-1	Indica	NA		Os01g0117850	OsR498G0100057000.01.T04	
maker-1-augustus-gene-9.48-mRNA-1	Indica	NA		Os01g0115600	OsR498G0100050900.01.T02	Ser/Thr receptor-like kinase
maker-1-augustus-gene-9.51-mRNA-1	Indica	NA	Kinase-TM	Os01g0115900	OsR498G0100052100.01.T01	Receptor-like protein kinase (Fragment)
maker-1-augustus-gene-9.52-mRNA-1	Indica	Japonica	Kinase-TM	Os01g0114500	OsR498G0100045700.01.T01	Protein kinase domain-containing protein
maker-1-augustus-gene-9.53-mRNA-1	Indica	Japonica		Os01g0116500	OsR498G0100054700.01.T03	Receptor kinase
maker-1-augustus-gene-9.75-mRNA-1	Indica	Indica	Kinase-TM	Os01g0117500	OsR498G0100056100.01.T02	Putative rust resistance kinase Lr10
maker-1-augustus-gene-9.81-mRNA-1	Indica	Japonica	Kinase-TM	Os01g0117100	OsR498G0100056700.01.T02	Receptor kinase
maker-1-augustus-gene-9.86-mRNA-1	Indica	NA	Kinase-TM	Os01g0115750	OsR498G0100051800.01.T01	Putative rust resistance kinase Lr10
maker-1-augustus-gene-9.99-mRNA-1	Indica	Indica	Kinase-TM	Os01g0116000	OsR498G0100052000.01.T01	Serine/threonine protein kinase
maker-1-augustus-gene-94.39-mRNA-1	Indica	NA	CC-NBS-TM	Os01g0269500	OsR498G0100629900.01.T03	Putative NBS-LRR type disease resistance protein
maker-1-augustus-gene-96.8-mRNA-1	Indica	NA			OsR498G0509629200.01.T01	
maker-10-augustus-gene-1.0-mRNA-1	Indica	Indica	CC-Kinase-TM	Os10g0100500	OsR498G1017994900.01.T04	E3 ubiquitin ligase
maker-10-augustus-gene-1.7-mRNA-1	Indica	NA			OsR498G1017994000.01.T01	Protein TIC 62, chloroplastic
maker-10-augustus-gene-111.39-mRNA-1	Indica	Indica		Os03g0151800	OsR498G1018799900.01.T01	Cell division control protein 48 E
maker-10-augustus-gene-111.45-mRNA-1	Indica	NA		Os10g0442900	OsR498G1018800500.01.T01	putative white-brown complex homolog protein 30 isoform X1
maker-10-augustus-gene-111.52-mRNA-1	Indica	NA			OsR498G1018798600.01.T02	Phosphoglycerate kinase
maker-10-augustus-gene-111.57-mRNA-1	Indica	Indica		Os10g0442300	OsR498G1018798800.01.T01	Glycosyltransferase
maker-10-augustus-gene-111.62-mRNA-1	Indica	NA	Kinase		OsR498G1018800400.01.T01	Putative serine/threonine-protein kinase NAK
maker-10-augustus-gene-111.64-mRNA-1	Indica	NA		Os03g0307400	OsR498G0305792900.01.T01	Six-bladed beta-propeller
maker-10-augustus-gene-112.34-mRNA-1	Indica	Japonica		Os10g0443200	OsR498G1018801300.01.T01	Translin like
maker-10-augustus-gene-112.37-mRNA-1	Indica	NA		Os10g0443800	OsR498G1018801700.01.T01	HTH myb-type domain-containing protein (Fragment)
maker-10-augustus-gene-112.38-mRNA-1	Indica	NA		Os10g0444400	OsR498G1018802500.01.T02	Macro domain-containing protein
maker-10-augustus-gene-115.0-mRNA-1	Indica	NA		Os04g0167900	OsR498G0407615000.01.T02	Protein-serine/threonine phosphatase
maker-10-augustus-gene-117.44-mRNA-1	Indica	NA		Os04g0165000	OsR498G0407602000.01.T01	Thaumatococcus-like protein 1a
maker-10-augustus-gene-117.47-mRNA-1	Indica	NA			OsR498G0407601700.01.T02	Limit dextrinase type starch debranching enzyme
maker-10-augustus-gene-118.0-mRNA-1	Indica	NA		Os04g0162100	OsR498G0407596300.01.T01	VEFS-Box domain-containing protein
maker-10-augustus-gene-12.38-mRNA-1	Indica	Indica		Os10g0370700	OsR498G1018036700.01.T02	Putative LeOPT1-oligopeptide transporter
maker-10-augustus-gene-12.44-mRNA-1	Indica	Indica		Os10g0112100	OsR498G1018036600.01.T02	Plant cadmium resistance 2
maker-10-augustus-gene-12.48-mRNA-1	Indica	NA		Os10g0112600	OsR498G1018037200.01.T01	Transmembrane 9 superfamily member
maker-10-augustus-gene-122.0-mRNA-1	Indica	NA		Os04g0155000	OsR498G0407571100.01.T01	
maker-10-augustus-gene-122.2-mRNA-1	Indica	NA		Os04g0155200	OsR498G0407574100.01.T01	
maker-10-augustus-gene-122.4-mRNA-1	Indica	NA		Os04g0155000	OsR498G0407569300.01.T01	

maker-10-augustus-gene-122.5-mRNA-1	Indica	NA			OsR498G0407568700.01.T01	DUF4220 domain-containing protein (Fragment)
maker-10-augustus-gene-126.25-mRNA-1	Indica	NA		Os04g0142400	OsR498G0407539400.01.T02	
maker-10-augustus-gene-127.46-mRNA-1	Indica	NA	Kinase-TM	Os04g0141400	OsR498G0407537100.01.T01	Putative receptor-type protein kinase LRK1
maker-10-augustus-gene-127.48-mRNA-1	Indica	NA	Kinase-TM	Os04g0141200	OsR498G0407536900.01.T01	Receptor-like serine/threonine-protein kinase
maker-10-augustus-gene-127.52-mRNA-1	Indica	NA		Os02g0824700	OsR498G0407530700.01.T04	V-type proton ATPase subunit F
maker-10-augustus-gene-128.23-mRNA-1	Indica	NA		Os04g0136700	OsR498G0407526200.01.T01	CBS domain-containing protein CBSX1, chloroplastic
maker-10-augustus-gene-128.30-mRNA-1	Indica	NA		Os04g0136900	OsR498G0407526500.01.T01	Serine-rich 25 kDa antigen protein
maker-10-augustus-gene-129.0-mRNA-1	Indica	NA		Os04g0476100	OsR498G0407524800.01.T01	Amine oxidase
maker-10-augustus-gene-131.28-mRNA-1	Indica	NA	Kinase-TM	Os04g0125700	OsR498G0407519500.01.T01	Lectin-domain containing receptor kinase A4.3
maker-10-augustus-gene-131.30-mRNA-1	Indica	NA			OsR498G0407523100.01.T01	Histidine decarboxylase
maker-10-augustus-gene-132.26-mRNA-1	Indica	NA				
maker-10-augustus-gene-132.30-mRNA-1	Indica	NA		Os04g0134800	OsR498G0407518700.01.T01	Peroxidase
maker-10-augustus-gene-133.0-mRNA-1	Indica	NA		Os04g0131900	OsR498G0407513000.01.T01	Sterol 3-beta-glucosyltransferase
maker-10-augustus-gene-133.8-mRNA-1	Indica	NA		Os04g0132300	OsR498G0407513700.01.T03	A1 cistron-splicing factor, AAR2
maker-10-augustus-gene-136.28-mRNA-1	Indica	NA		Os04g0127200	OsR498G0407499700.01.T01	Subtilisin-like protease SBT3.3
maker-10-augustus-gene-136.29-mRNA-1	Indica	NA		Os04g0127300	OsR498G0407499700.01.T01	Subtilisin-like protease SBT3.3
maker-10-augustus-gene-136.44-mRNA-1	Indica	NA		Os04g0121100	OsR498G0407492700.01.T01	Subtilisin-like serine endopeptidase family protein
maker-10-augustus-gene-138.14-mRNA-1	Indica	NA		Os04g0121300	OsR498G0407492700.01.T01	Subtilisin-like protein protease SBT3.7
maker-10-augustus-gene-138.18-mRNA-1	Indica	NA				Subtilisin-like protease
maker-10-augustus-gene-139.33-mRNA-1	Indica	NA		Os04g0118400	OsR498G0407485900.01.T07	Tr-type G domain-containing protein
maker-10-augustus-gene-141.0-mRNA-1	Indica	NA			OsR498G0407475000.01.T01	Putative leucine rich repeat
maker-10-augustus-gene-141.2-mRNA-1	Indica	NA				Transposon protein, putative, Mutator sub-class
maker-10-augustus-gene-142.3-mRNA-1	Indica	NA	Kinase-TM	Os01g0136400	OsR498G0100125200.01.T04	Putative serine/threonine-protein kinase
maker-10-augustus-gene-144.32-mRNA-1	Indica	NA	CC-LRR-NBS-TM	Os04g0111900	OsR498G0407452000.01.T01	Putative NB-ARC domain-containing protein (Fragment)
maker-10-augustus-gene-144.34-mRNA-1	Indica	NA		Os03g0743900	OsR498G0407449600.01.T01	Sulfate adenylyltransferase
maker-10-augustus-gene-145.10-mRNA-1	Indica	NA	Kinase-TM	Os04g0109100	OsR498G0407442600.01.T01	Non-specific serine/threonine protein kinase
maker-10-augustus-gene-145.12-mRNA-1	Indica	NA		Os04g0110400	OsR498G0407447100.01.T01	SASA domain-containing protein
maker-10-augustus-gene-145.15-mRNA-1	Indica	NA		Os04g0110300	OsR498G0407446700.01.T01	SWI/SNF complex subunit SWI3D
maker-10-augustus-gene-145.2-mRNA-1	Indica	NA			OsR498G0407447600.01.T01	Zn-finger, RanBP-type, containing protein
maker-10-augustus-gene-145.8-mRNA-1	Indica	NA			OsR498G0407445800.01.T01	
maker-10-augustus-gene-146.42-mRNA-1	Indica	NA		Os09g0482610	OsR498G0407437300.01.T01	Heat shock protein 2
maker-10-augustus-gene-147.42-mRNA-1	Indica	NA		Os04g0105700	OsR498G0407429000.01.T10	Dimethylallyl, adenosine tRNA methylthiotransferase
maker-10-augustus-gene-147.45-mRNA-1	Indica	NA			OsR498G0407429000.01.T05	Adenylate kinase
maker-10-augustus-gene-147.49-mRNA-1	Indica	NA		Os04g0105400	OsR498G0407428600.01.T01	Ion channel regulatory protein, UNC-93
maker-10-augustus-gene-147.53-mRNA-1	Indica	NA		Os04g0106400	OsR498G0407430900.01.T02	Glyoxylate/hydroxypyruvate reductase HPR3
maker-10-augustus-gene-147.56-mRNA-1	Indica	NA		Os04g0106300	OsR498G0407430700.01.T01	Mitochondrion arginase
maker-10-augustus-gene-147.62-mRNA-1	Indica	NA		Os04g0105300	OsR498G0407428300.01.T01	Oxidoreductase
maker-10-augustus-gene-148.27-mRNA-1	Indica	NA		Os04g0105100	OsR498G0407426700.01.T01	RING-CH-type domain-containing protein (Fragment)
maker-10-augustus-gene-148.33-mRNA-1	Indica	NA				Zinc finger CCCH domain-containing protein 24
maker-10-augustus-gene-158.39-mRNA-1	Indica	NA		Os10g0457700	OsR498G1018842700.01.T02	ATP-dependent helicase ATRX
maker-10-augustus-gene-159.9-mRNA-1	Indica	NA				
maker-10-augustus-gene-161.35-mRNA-1	Indica	NA			OsR498G1018856300.01.T01	Plastid transcriptionally active 3
maker-10-augustus-gene-161.40-mRNA-1	Indica	NA		Os10g0462900	OsR498G1018856700.01.T01	Mitochondrial chaperonin-60
maker-10-augustus-gene-162.78-mRNA-1	Indica	Indica		Os10g0465000	OsR498G1018863400.01.T04	WD repeat-containing protein 26
maker-10-augustus-gene-163.13-mRNA-1	Indica	NA		Os10g0467600	OsR498G1018869700.01.T01	mRNA cap-binding protein (Fragment)
maker-10-augustus-gene-163.16-mRNA-1	Indica	NA		Os10g0467800	OsR498G1018869900.01.T01	Cellulose synthase
maker-10-augustus-gene-163.28-mRNA-1	Indica	Indica	Kinase-LRR-TM	Os10g0467900	OsR498G1018870200.01.T01	Receptor protein kinase
maker-10-augustus-gene-164.27-mRNA-1	Indica	NA		Os10g0469900	OsR498G1018875100.01.T01	Peptide transporter PTR3-A
maker-10-augustus-gene-164.29-mRNA-1	Indica	Japonica	LRR-TM	Os10g0469600	OsR498G1018872900.01.T01	MDIS1-interacting receptor like kinase 2
maker-10-augustus-gene-2.0-mRNA-1	Indica	NA		Os10g0101100	OsR498G1017997000.01.T05	Serine carboxypeptidase-like 18
maker-10-augustus-gene-2.4-mRNA-1	Indica	NA		Os10g0101200	OsR498G1017997800.01.T02	Serine carboxypeptidase
maker-10-augustus-gene-26.3-mRNA-1	Indica	NA		Os10g0138300	OsR498G1018113300.01.T01	F-box domain-containing protein (Fragment)
maker-10-augustus-gene-27.0-mRNA-1	Indica	NA		Os10g0138600	OsR498G1018113700.01.T01	F-box domain containing protein, expressed
maker-10-augustus-gene-27.2-mRNA-1	Indica	NA			OsR498G1018116900.01.T01	F-box domain containing protein, expressed
maker-10-augustus-gene-28.0-mRNA-1	Indica	NA		Os10g0141900	OsR498G1018123300.01.T02	Queuine tRNA-ribosyltransferase accessory subunit 2
maker-10-augustus-gene-28.13-mRNA-1	Indica	NA				Putative alpha-mannosidase
maker-10-augustus-gene-28.14-mRNA-1	Indica	NA				Putative alpha-mannosidase
maker-10-augustus-gene-29.0-mRNA-1	Indica	NA			OsR498G1018125700.01.T01	DUF4220 domain-containing protein (Fragment)
maker-10-augustus-gene-3.24-mRNA-1	Indica	Indica		Os07g0248800	OsR498G1018004100.01.T01	
maker-10-augustus-gene-30.0-mRNA-1	Indica	Japonica		Os10g0144700	OsR498G1018131800.01.T01	Cytochrome P450 family protein, expressed
maker-10-augustus-gene-30.11-mRNA-1	Indica	NA		Os10g0146200	OsR498G1018137200.01.T02	Thaumatococcus-like protein 1

maker-10-augustus-gene-30.2-mRNA-1	Indica	NA		Os10g0144800		F-box domain-containing protein
maker-10-augustus-gene-31.0-mRNA-1	Indica	Indica		Os03g0244200	OsR498G1018140100.01.T01	Thaumatococcus-like protein 1
maker-10-augustus-gene-31.4-mRNA-1	Indica	NA		Os10g0148100	OsR498G1018145800.01.T01	Proline-rich protein 4
maker-10-augustus-gene-32.0-mRNA-1	Indica	NA		Os10g0148400	OsR498G1018147200.01.T01	Peptide transporter PTR5
maker-10-augustus-gene-32.10-mRNA-1	Indica	Indica		Os10g0149200	OsR498G1018149800.01.T01	Proline-rich protein, putative, expressed
maker-10-augustus-gene-32.2-mRNA-1	Indica	NA		Os10g0148700	OsR498G1018147400.01.T01	
maker-10-augustus-gene-32.4-mRNA-1	Indica	NA				F-box domain-containing protein
maker-10-augustus-gene-32.9-mRNA-1	Indica	Indica		Os10g0149200	OsR498G1018149000.01.T01	Proline-rich protein, putative, expressed
maker-10-augustus-gene-33.23-mRNA-1	Indica	Japonica		Os10g0149400	OsR498G1018150600.01.T01	Proline-rich protein, putative, expressed
maker-10-augustus-gene-34.14-mRNA-1	Indica	NA		Os10g0150300	OsR498G1018152000.01.T01	Proline-rich protein (Fragment)
maker-10-augustus-gene-35.0-mRNA-1	Indica	NA	Kinase-TM			Wall-associated receptor kinase 4
maker-10-augustus-gene-36.47-mRNA-1	Indica	NA		Os10g0151800	OsR498G1018157200.01.T02	Heterogeneous nuclear ribonucleoprotein like
maker-10-augustus-gene-37.38-mRNA-1	Indica	Japonica		Os10g0155400	OsR498G1018168500.01.T04	Amidase family protein, expressed
maker-10-augustus-gene-37.42-mRNA-1	Indica	Japonica	Kinase-LRR-TM	Os10g0155733	OsR498G1018170700.01.T01	Leucine-rich repeat receptor-like protein kinase PEPR1
maker-10-augustus-gene-37.44-mRNA-1	Indica	NA		Os10g0155500	OsR498G1018169000.01.T01	Aldose 1-epimerase
maker-10-augustus-gene-4.11-mRNA-1	Indica	NA		Os10g0104500	OsR498G1018011400.01.T01	Notchless protein isogeny
maker-10-augustus-gene-4.12-mRNA-1	Indica	NA		Os10g0104500	OsR498G1018011400.01.T01	Notchless protein like
maker-10-augustus-gene-4.3-mRNA-1	Indica	Indica		Os10g0561800	OsR498G1018006400.01.T01	Homeobox-leucine zipper protein HOX15
maker-10-augustus-gene-4.6-mRNA-1	Indica	NA		Os10g0103800	OsR498G1018008200.01.T01	Inositol-tetrakisphosphate 1-kinase
maker-10-augustus-gene-40.0-mRNA-1	Indica	Indica		Os10g0159600	OsR498G1018187400.01.T01	SHSP domain-containing protein
maker-10-augustus-gene-40.3-mRNA-1	Indica	NA		Os10g0159700	OsR498G1018188000.01.T01	SHSP domain-containing protein
maker-10-augustus-gene-40.8-mRNA-1	Indica	NA		Os10g0159800	OsR498G1018188600.01.T01	Alcohol dehydrogenase
maker-10-augustus-gene-41.20-mRNA-1	Indica	Japonica		Os10g0141400	OsR498G0305555000.01.T04	Putative 26S proteasome regulatory subunit S5A
maker-10-augustus-gene-41.22-mRNA-1	Indica	NA				Ubiquitin carboxyl-terminal hydrolase
maker-10-augustus-gene-41.28-mRNA-1	Indica	NA		Os10g0160700	OsR498G1018196400.01.T01	
maker-10-augustus-gene-42.42-mRNA-1	Indica	NA		Os10g0161700	OsR498G1018198900.01.T02	DUF295 domain-containing protein
maker-10-augustus-gene-42.43-mRNA-1	Indica	Indica		Os10g0162400	OsR498G1018201700.01.T05	Filament-like plant protein 4
maker-10-augustus-gene-42.47-mRNA-1	Indica	NA			OsR498G1018197000.01.T02	
maker-10-augustus-gene-42.49-mRNA-1	Indica	NA			OsR498G1018199600.01.T01	Fork head domain transcription factor slp2 like
maker-10-augustus-gene-43.32-mRNA-1	Indica	NA		Os10g0162600	OsR498G1018202600.01.T01	LOB domain-containing protein 18
maker-10-augustus-gene-43.39-mRNA-1	Indica	Indica	Kinase-TM	Os10g0174800	OsR498G1018204400.01.T01	Wall associated kinase
maker-10-augustus-gene-47.26-mRNA-1	Indica	Indica		Os10g0166600	OsR498G1018232300.01.T01	Geraniol 8-hydroxylase
maker-10-augustus-gene-48.36-mRNA-1	Indica	NA		Os10g0166600	OsR498G1018238100.01.T01	7-ethoxycoumarin O-deethylase
maker-10-augustus-gene-49.10-mRNA-1	Indica	Indica		Os10g0167900	OsR498G1018243700.01.T01	Putative chalcone synthase
maker-10-augustus-gene-49.2-mRNA-1	Indica	Japonica		Os10g0167500	OsR498G1018239500.01.T02	RNA recognition motif family protein, expressed
maker-10-augustus-gene-49.20-mRNA-1	Indica	NA			OsR498G1018239800.01.T03	DNA photolyase
maker-10-augustus-gene-49.7-mRNA-1	Indica	NA		Os10g0167900	OsR498G1018241300.01.T01	Putative chalcone synthase
maker-10-augustus-gene-5.0-mRNA-1	Indica	NA			OsR498G1018014500.01.T02	Serine decarboxylase 2
maker-10-augustus-gene-5.14-mRNA-1	Indica	NA		Os10g0105900	OsR498G1018015000.01.T01	Acyl transferase 1
maker-10-augustus-gene-5.4-mRNA-1	Indica	NA			OsR498G1018012600.01.T02	DNA methyl transferase2
maker-10-augustus-gene-5.9-mRNA-1	Indica	NA		Os10g0105400	OsR498G1018013200.01.T01	
maker-10-augustus-gene-50.11-mRNA-1	Indica	NA			OsR498G1018247800.01.T01	
maker-10-augustus-gene-50.2-mRNA-1	Indica	NA		Os10g0169800	OsR498G1018248100.01.T06	Masparidin
maker-10-augustus-gene-51.0-mRNA-1	Indica	NA		Os10g0170200	OsR498G1018250900.01.T02	Ribosomal protein S10
maker-10-augustus-gene-51.3-mRNA-1	Indica	NA		Os10g0170300	OsR498G1018251300.01.T01	GPI ethanolamine phosphate transferase 3
maker-10-augustus-gene-51.9-mRNA-1	Indica	NA		Os10g0171300		Cytochrome P450 family protein, expressed
maker-10-augustus-gene-52.0-mRNA-1	Indica	NA			OsR498G1018256100.01.T01	5-epiaristolochene 1,3-dihydroxylase
maker-10-augustus-gene-52.2-mRNA-1	Indica	NA			OsR498G1018254200.01.T01	Geraniol 8-hydroxylase
maker-10-augustus-gene-54.0-mRNA-1	Indica	NA				Wall-associated receptor kinase 1
maker-10-augustus-gene-54.2-mRNA-1	Indica	NA		Os10g0174800		Wall-associated receptor kinase 1
maker-10-augustus-gene-55.0-mRNA-1	Indica	NA			OsR498G1018264800.01.T01	No apical meristem protein, expressed
maker-10-augustus-gene-55.1-mRNA-1	Indica	NA		Os10g0177200	OsR498G1018265600.01.T01	39 kDa EF-Hand containing protein, putative, expressed
maker-10-augustus-gene-56.25-mRNA-1	Indica	Japonica		Os10g0177300	OsR498G1018222500.01.T01	Chalcone and stilbene synthases, N-terminal domain containing protein
maker-10-augustus-gene-56.28-mRNA-1	Indica	NA			OsR498G1018267400.01.T04	TCP domain-containing protein
maker-10-augustus-gene-58.41-mRNA-1	Indica	NA		Os10g0182000	OsR498G1018282900.01.T01	Alanine--tRNA ligase
maker-10-augustus-gene-58.52-mRNA-1	Indica	NA		Os10g0181700	OsR498G1018282200.01.T01	Protein MICRORCHIDIA 1
maker-10-augustus-gene-6.0-mRNA-1	Indica	NA		Os10g0106701		Acyl transferase 1
maker-10-augustus-gene-6.1-mRNA-1	Indica	Japonica		Os10g0106701	OsR498G1018015700.01.T01	Benzyl alcohol O-benzoyltransferase
maker-10-augustus-gene-6.2-mRNA-1	Indica	NA			OsR498G1018019400.01.T01	ATP-dependent DNA helicase
maker-10-augustus-gene-61.19-mRNA-1	Indica	NA	CC-Kinase-TM	Os03g0251700	OsR498G0305588100.01.T01	Receptor-like serine/threonine-protein kinase
maker-10-augustus-gene-62.11-mRNA-1	Indica	NA		Os10g0188100	OsR498G1018308400.01.T02	Transcription initiation factor IIF subunit alpha

maker-10-augustus-gene-64.18-mRNA-1	Indica	NA		Os10g0190500	OsR498G1018321600.01.T03	DUF4220 domain-containing protein (Fragment)
maker-10-augustus-gene-68.35-mRNA-1	Indica	NA			OsR498G1221332900.01.T01	Retrotransposon protein, putative, unclassified
maker-10-augustus-gene-7.33-mRNA-1	Indica	NA		Os10g0108700	OsR498G1018023900.01.T01	Acyl transferase 15
maker-10-augustus-gene-7.34-mRNA-1	Indica	NA		Os12g0468900	OsR498G0305961100.01.T01	Cell wall protein-like
maker-10-augustus-gene-73.43-mRNA-1	Indica	NA		Os10g0197132		
maker-10-augustus-gene-78.7-mRNA-1	Indica	NA		Os10g0204400	OsR498G1018371000.01.T02	Phosphoenolpyruvate carboxykinase (ATP)
maker-10-augustus-gene-8.0-mRNA-1	Indica	NA		Os10g0109300	OsR498G1018027200.01.T02	Peroxidase
maker-10-augustus-gene-8.3-mRNA-1	Indica	NA			OsR498G1018029600.01.T01	POT family protein, expressed
maker-10-augustus-gene-8.5-mRNA-1	Indica	NA		Os10g0110600	OsR498G1018031200.01.T01	Putative proton-dependent oligopeptide transport
maker-10-augustus-gene-80.3-mRNA-1	Indica	NA		Os10g0206800	OsR498G1018380100.01.T08	Protein DETOXIFICATION
maker-10-augustus-gene-81.0-mRNA-1	Indica	Indica		Os10g0207500	OsR498G1018384500.01.T01	Protein TAPETUM DETERMINANT 1
maker-10-augustus-gene-81.2-mRNA-1	Indica	NA		Os10g0207700	OsR498G1018383500.01.T01	protein PYRICULARIA ORYZAE RESISTANCE 21-like
maker-10-augustus-gene-81.5-mRNA-1	Indica	Indica		Os02g0586400	OsR498G1018385400.01.T01	GTP-binding 2
maker-10-augustus-gene-82.0-mRNA-1	Indica	NA			OsR498G1018387300.01.T05	Oxoglutarate/iron-dependent dioxygenase
maker-10-augustus-gene-82.2-mRNA-1	Indica	Japonica		Os10g0208600	OsR498G1018387600.01.T01	Pollen Ole e 1 allergen and extensin family protein
maker-10-augustus-gene-83.3-mRNA-1	Indica	NA		Os10g0464400	OsR498G1018862400.01.T01	Riboflavin kinase
maker-10-augustus-gene-9.27-mRNA-1	Indica	Indica		Os10g0370700	OsR498G1018031600.01.T06	Major Facilitator Superfamily protein, expressed
maker-10-augustus-gene-9.32-mRNA-1	Indica	Indica		Os10g0370700	OsR498G1018032200.01.T01	Putative LeOPT1-oligopeptide transporter
maker-10-augustus-gene-9.40-mRNA-1	Indica	Indica		Os10g0111700	OsR498G1018034200.01.T01	Putative LeOPT1-oligopeptide transporter
maker-10-augustus-gene-91.0-mRNA-1	Indica	NA			OsR498G1018396800.01.T02	Arginine and glutamate-rich protein 1
maker-10-augustus-gene-92.18-mRNA-1	Indica	NA		Os10g0213100		4-aminobutyrate--pyruvate transaminase
maker-11-augustus-gene-122.25-mRNA-1	Indica	Indica		Os11g0446500	OsR498G1120055700.01.T02	Phospholipid-transporting ATPase
maker-11-augustus-gene-123.41-mRNA-1	Indica	Japonica	Kinase-LRR-TM	Os11g0448000	OsR498G1120059500.01.T01	Receptor-like kinase TMK4 isoform A
maker-11-augustus-gene-133.30-mRNA-1	Indica	Japonica		Os11g0465200	OsR498G1120113400.01.T01	Indole-2-monooxygenase
maker-11-augustus-gene-137.48-mRNA-1	Indica	NA			OsR498G1120128100.01.T01	Aromatic amino acid decarboxylase 2
maker-11-augustus-gene-138.0-mRNA-1	Indica	Indica		Os11g0474800	OsR498G1120128800.01.T01	Ent-isokaurene synthase
maker-11-augustus-gene-14.71-mRNA-1	Indica	Japonica		Os11g0146100	OsR498G1119406000.01.T01	Phosphatidylinositol 4-phosphate 5-kinase
maker-11-augustus-gene-14.72-mRNA-1	Indica	NA				1-phosphatidylinositol-4-phosphate 5-kinase
maker-11-augustus-gene-142.50-mRNA-1	Indica	NA	NBS-TM			Pollen signalling protein with adenyllyl cyclase activity (Fragment)
maker-11-augustus-gene-143.25-mRNA-1	Indica	NA		Os11g0481200	OsR498G1120145600.01.T01	O-fucosyltransferase family protein (Fragment)
maker-11-augustus-gene-147.38-mRNA-1	Indica	NA		Os11g0485200	OsR498G1120160600.01.T05	ATPase 2 plasma membrane-type
maker-11-augustus-gene-149.39-mRNA-1	Indica	NA	CC-NBS-TM			Putative NBS-LRR type disease resistance protein
maker-11-augustus-gene-246.17-mRNA-1	Indica	NA		Os11g0671000	OsR498G1120700800.01.T01	Auxin-repressed 12.5 kDa protein (Fragment)
maker-11-augustus-gene-247.0-mRNA-1	Indica	NA	CC-Kinase-TM			S-receptor kinase-like protein 1-like
maker-11-augustus-gene-248.27-mRNA-1	Indica	NA	CC-LRR-NBS-TM	Os11g0677101	OsR498G1120709900.01.T01	Putative nucleotide-binding leucine-rich-repeat protein 1
maker-11-augustus-gene-248.28-mRNA-1	Indica	NA			OsR498G1120713900.01.T01	Retrotransposon protein, putative, unclassified
maker-11-augustus-gene-248.45-mRNA-1	Indica	Indica		Os11g0673200	OsR498G1120707800.01.T01	Beta-xylosidase 2
maker-11-augustus-gene-254.0-mRNA-1	Indica	NA		Os11g0687100	OsR498G1120737300.01.T01	von Willebrand factor type A domain-like
maker-11-augustus-gene-254.2-mRNA-1	Indica	NA		Os11g0687200	OsR498G1120737500.01.T01	von Willebrand factor type A domain-like
maker-11-augustus-gene-255.12-mRNA-1	Indica	NA		Os11g0689300	OsR498G1120738400.01.T01	Calmodulin-binding protein MPCBP
maker-11-augustus-gene-255.2-mRNA-1	Indica	NA		Os11g0689400	OsR498G1120738500.01.T02	DEAD-box ATP-dependent RNA helicase 40
maker-11-augustus-gene-256.34-mRNA-1	Indica	NA	Kinase-TM	Os11g0695850	OsR498G1120743300.01.T02	Wall-associated receptor kinase
maker-11-augustus-gene-256.35-mRNA-1	Indica	NA	Kinase-TM			Putative inactive receptor kinase RLK902
maker-11-augustus-gene-259.37-mRNA-1	Indica	Indica		Os12g0566300	OsR498G1120756900.01.T01	ATP citrate synthase
maker-11-augustus-gene-259.44-mRNA-1	Indica	NA		Os11g0696400	OsR498G1120757100.01.T01	Beta-D-xylosidase
maker-11-augustus-gene-259.46-mRNA-1	Indica	NA		Os11g0695900	OsR498G1120756600.01.T02	ARM repeat superfamily protein
maker-11-augustus-gene-259.52-mRNA-1	Indica	NA		Os10g0186800	OsR498G1221417300.01.T01	
maker-11-augustus-gene-260.2-mRNA-1	Indica	NA			OsR498G0815996300.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-11-augustus-gene-261.65-mRNA-1	Indica	NA		Os11g0703400	OsR498G1120766200.01.T01	Charged multivesicular body protein 2a
maker-11-augustus-gene-262.39-mRNA-1	Indica	NA		Os11g0703900	OsR498G1120767700.01.T01	Non-cell-autonomous heat shock cognate protein 70
maker-11-augustus-gene-262.42-mRNA-1	Indica	NA		Os11g0704000	OsR498G1120768100.01.T01	Selenoprotein H
maker-11-augustus-gene-262.44-mRNA-1	Indica	NA		Os11g0704300	OsR498G1120769100.01.T01	Probable GTP-binding protein OBG, mitochondrial
maker-11-augustus-gene-38.28-mRNA-1	Indica	NA		Os11g0186200	OsR498G1119534500.01.T01	Aldehyde dehydrogenase
maker-11-augustus-gene-38.32-mRNA-1	Indica	NA		Os11g0186300	OsR498G1119534700.01.T01	Methyltransferase
maker-11-augustus-gene-40.1-mRNA-1	Indica	NA				Terpene cyclase/mutase family member
maker-11-augustus-gene-40.6-mRNA-1	Indica	NA			OsR498G1119542100.01.T01	
maker-11-augustus-gene-40.9-mRNA-1	Indica	NA		Os11g0189900		NAD kinase 2 chloroplastic
maker-11-augustus-gene-41.0-mRNA-1	Indica	NA			OsR498G1119543500.01.T01	
maker-11-augustus-gene-65.38-mRNA-1	Indica	NA		Os11g0199700		Target of Myb protein 1
maker-11-augustus-gene-66.39-mRNA-1	Indica	NA		Os11g0200600	OsR498G1119570700.01.T03	F-box domain containing protein, expressed
maker-11-augustus-gene-66.44-mRNA-1	Indica	NA			OsR498G1119570600.01.T04	F-box domain containing protein, expressed

maker-11-augustus-gene-66.48-mRNA-1	Indica	NA				F-box domain-containing protein (Fragment)
maker-11-augustus-gene-67.46-mRNA-1	Indica	NA		Os11g0202600		zf-HYPP domain-containing protein
maker-11-augustus-gene-67.59-mRNA-1	Indica	NA				Glutamic acid-rich protein, putative (Fragment)
maker-11-augustus-gene-68.0-mRNA-1	Indica	NA		Os05g0580000	OsR498G0511403400.01.T04	Glucose-1-phosphate adenylyltransferase large subunit, chloroplastic/amylo
maker-11-augustus-gene-69.35-mRNA-1	Indica	NA		Os11g0205500	OsR498G1119581200.01.T01	
maker-11-augustus-gene-69.39-mRNA-1	Indica	Japonica		Os11g0205900	OsR498G1119582800.01.T01	F-box domain containing protein, expressed
maker-11-augustus-gene-73.0-mRNA-1	Indica	Indica		Os06g0614300	OsR498G1119608300.01.T06	TBCC domain-containing protein 1
maker-11-augustus-gene-73.12-mRNA-1	Indica	NA		Os11g0210600	OsR498G1119607600.01.T02	Cinnamyl-alcohol dehydrogenase
maker-11-augustus-gene-73.13-mRNA-1	Indica	Indica		Os11g0210600	OsR498G1119607600.01.T03	Cinnamyl-alcohol dehydrogenase
maker-11-augustus-gene-74.11-mRNA-1	Indica	NA	Kinase-TM		OsR498G1119612600.01.T01	Protein kinase domain containing protein, expressed
maker-11-augustus-gene-74.2-mRNA-1	Indica	NA	LRR-TM		OsR498G1119610600.01.T03	NBS-LRR disease resistance protein family-4
maker-11-augustus-gene-75.0-mRNA-1	Indica	NA				
maker-11-augustus-gene-82.0-mRNA-1	Indica	Japonica	CC-NBS-TM RGA5, Pia	Os11g0225300	OsR498G1119642700.01.T03	NBS-LRR type protein (Fragment)
maker-11-augustus-gene-82.2-mRNA-1	Indica	NA	Kinase			Retrotransposon protein, putative, LINE subclass
maker-11-augustus-gene-83.3-mRNA-1	Indica	Japonica	CC-LRR-NBS-TM	Os11g0227100	OsR498G1119648000.01.T02	NBS-LRR type resistance protein (Fragment)
maker-11-augustus-gene-84.6-mRNA-1	Indica	NA		Os11g0231600	OsR498G1119654700.01.T01	F-box domain containing protein, expressed
maker-11-augustus-gene-86.11-mRNA-1	Indica	NA			OsR498G1119665400.01.T02	Glycerophosphodiester phosphodiesterase
maker-11-augustus-gene-86.3-mRNA-1	Indica	NA		Os11g0234200	OsR498G1119661800.01.T01	PHD domain-containing protein (Fragment)
maker-11-augustus-gene-86.6-mRNA-1	Indica	NA		Os11g0235200	OsR498G1119662400.01.T01	Proton-dependent oligopeptide transporter family
maker-11-augustus-gene-87.44-mRNA-1	Indica	NA	NBS	Os12g0263800		Cyprosin
maker-12-augustus-gene-114.22-mRNA-1	Indica	NA				SGF29 C-terminal domain-containing protein
maker-12-augustus-gene-126.0-mRNA-1	Indica	NA				
maker-12-augustus-gene-126.2-mRNA-1	Indica	NA				Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and protein-tyrosin
maker-12-augustus-gene-129.27-mRNA-1	Indica	NA		Os12g0411700	OsR498G1221382800.01.T01	ABC transporter domain-containing protein
maker-12-augustus-gene-131.20-mRNA-1	Indica	NA		Os12g0414500	OsR498G1221394200.01.T01	Asparagine--tRNA ligase
maker-12-augustus-gene-133.0-mRNA-1	Indica	NA				
maker-12-augustus-gene-134.26-mRNA-1	Indica	NA		Os02g0701833	OsR498G0203665800.01.T01	ATP-dependent DNA helicase
maker-12-augustus-gene-134.28-mRNA-1	Indica	NA		Os02g0701833	OsR498G0916979800.01.T01	ATP-dependent DNA helicase
maker-12-augustus-gene-135.11-mRNA-1	Indica	NA		Os12g0420400	OsR498G1221413300.01.T03	PSI subunit V
maker-12-augustus-gene-135.13-mRNA-1	Indica	Japonica		Os12g0420000	OsR498G0408810600.01.T03	2-phosphoglycolate phosphatase, eukaryotic
maker-12-augustus-gene-135.2-mRNA-1	Indica	Indica		Os12g0420200	OsR498G1221412700.01.T01	Chloroplast stem-loop binding protein like
maker-12-augustus-gene-135.7-mRNA-1	Indica	NA			OsR498G1221413100.01.T02	Tyrosine-protein phosphatase DSP1
maker-12-augustus-gene-138.36-mRNA-1	Indica	NA		Os01g0284200	OsR498G0100683700.01.T01	
maker-12-augustus-gene-139.0-mRNA-1	Indica	NA		Os12g0425600	OsR498G1221425300.01.T01	O-fucosyltransferase family protein (Fragment)
maker-12-augustus-gene-140.4-mRNA-1	Indica	NA				Autophagy-related protein 101
maker-12-augustus-gene-147.2-mRNA-1	Indica	NA			OsR498G1221451000.01.T01	PHD-type domain-containing protein
maker-12-augustus-gene-147.6-mRNA-1	Indica	NA	Kinase-TM	Os12g0433500	OsR498G1221451200.01.T03	serine/threonine-protein kinase TIO
maker-12-augustus-gene-148.23-mRNA-1	Indica	NA		Os12g0434400	OsR498G1221453900.01.T01	Putative aminopeptidase of the M17 family
maker-12-augustus-gene-2.56-mRNA-1	Indica	NA		Os11g0104200	OsR498G1119282100.01.T01	IBR domain-containing protein
maker-12-augustus-gene-209.21-mRNA-1	Indica	NA		Os12g0515400	OsR498G1221715500.01.T01	Dicarboxylate transporter 1 chloroplastic
maker-12-augustus-gene-209.24-mRNA-1	Indica	NA		Os12g0516000		
maker-12-augustus-gene-209.28-mRNA-1	Indica	NA		Os12g0515300	OsR498G1221715000.01.T01	Transcription factor like
maker-12-augustus-gene-209.30-mRNA-1	Indica	NA		Os12g0515600	OsR498G1221716600.01.T01	Guanylate kinase
maker-12-augustus-gene-211.37-mRNA-1	Indica	NA		Os12g0527500	OsR498G1221723300.01.T01	F-box domain containing protein, expressed
maker-12-augustus-gene-211.39-mRNA-1	Indica	NA			OsR498G1221724500.01.T02	Non-specific serine/threonine protein kinase
maker-12-augustus-gene-211.42-mRNA-1	Indica	Indica		Os12g0527850	OsR498G1221725100.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-12-augustus-gene-211.44-mRNA-1	Indica	NA				PHD finger family protein isoform 1
maker-12-augustus-gene-211.49-mRNA-1	Indica	Indica		Os12g0528000	OsR498G1221725400.01.T02	DNA-binding protein PD2
maker-12-augustus-gene-212.40-mRNA-1	Indica	Indica		Os12g0528300	OsR498G1221726300.01.T01	MHD domain-containing death-inducing
maker-12-augustus-gene-212.44-mRNA-1	Indica	NA			OsR498G1221726500.01.T02	Glutathione synthetase, chloroplastic
maker-12-augustus-gene-212.49-mRNA-1	Indica	NA		Os12g0529400	OsR498G1221728300.01.T02	Auxin-binding protein 4
maker-12-augustus-gene-212.52-mRNA-1	Indica	NA				zinc finger MYM-type protein 1-like
maker-12-augustus-gene-212.54-mRNA-1	Indica	NA		Os12g0530000	OsR498G1221729000.01.T01	
maker-12-augustus-gene-212.56-mRNA-1	Indica	NA		Os12g0530100	OsR498G1221729200.01.T02	Peroxidase
maker-12-augustus-gene-213.0-mRNA-1	Indica	NA				Ribosomal protein-like
maker-12-augustus-gene-216.65-mRNA-1	Indica	NA		Os12g0534200	OsR498G1221759000.01.T01	Acyl carrier protein 1, chloroplastic
maker-12-augustus-gene-217.50-mRNA-1	Indica	Japonica		Os12g0535600	OsR498G1221764600.01.T01	rRNA N-glycosidase
maker-12-augustus-gene-221.0-mRNA-1	Indica	NA			OsR498G0407881700.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-12-augustus-gene-223.29-mRNA-1	Indica	NA				NAM-associated domain-containing protein
maker-12-augustus-gene-225.11-mRNA-1	Indica	NA		Os12g0548100	OsR498G1221838400.01.T02	Cnd1 domain-containing protein (Fragment)
maker-12-augustus-gene-226.10-mRNA-1	Indica	Indica		Os12g0551200	OsR498G1221848400.01.T01	Patatin

maker-12-augustus-gene-226.4-mRNA-1	Indica	NA		Os12g0548200	OsR498G1221839000.01.T01	Auxilin-related protein 1
maker-12-augustus-gene-228.29-mRNA-1	Indica	Indica		Os12g0552700	OsR498G1221853700.01.T01	F-box/LRR-repeat protein 3-like isoform X2
maker-12-augustus-gene-228.61-mRNA-1	Indica	Japonica		Os12g0554500	OsR498G1221858800.01.T02	Mono-/di-acylglycerol lipase N-terminal
maker-12-augustus-gene-237.38-mRNA-1	Indica	Indica		Os12g0571100	OsR498G1221902600.01.T01	Metallothionein-like protein 1, putative, expressed
maker-12-augustus-gene-256.0-mRNA-1	Indica	Japonica		Os12g0601000	OsR498G1222049900.01.T02	F-box/LRR-repeat protein 17-like isoform X1
maker-12-augustus-gene-256.18-mRNA-1	Indica	NA		Os12g0601300	OsR498G1222050600.01.T01	Auxin-responsive protein IAA30
maker-12-augustus-gene-256.3-mRNA-1	Indica	NA	NBS-TM	Os12g0601200	OsR498G1222050300.01.T04	PRK domain-containing protein (Fragment)
maker-12-augustus-gene-259.14-mRNA-1	Indica	NA		Os12g0606600	OsR498G1222072300.01.T02	HORMA domain containing protein, expressed
maker-12-augustus-gene-273.36-mRNA-1	Indica	NA		Os12g0631100	OsR498G1222155700.01.T01	Ras-related protein RHN1
maker-12-augustus-gene-273.45-mRNA-1	Indica	NA		Os12g0631600	OsR498G1222159300.01.T01	
maker-12-augustus-gene-273.47-mRNA-1	Indica	NA		Os12g0630700	OsR498G1222154600.01.T04	Haloacid dehalogenase-like hydrolase domain-containing protein
maker-12-augustus-gene-273.52-mRNA-1	Indica	NA			OsR498G1222155200.01.T01	Transcription factor JUNGBRUNNEN 1
maker-12-augustus-gene-273.56-mRNA-1	Indica	Japonica		Os12g0631800	OsR498G1222159600.01.T01	Putative amine oxidase, FAD/NAD(P)-binding domain-containing protein
maker-12-augustus-gene-274.0-mRNA-1	Indica	NA		Os12g0632000	OsR498G1222159700.01.T01	Glycine rich RNA binding protein
maker-12-augustus-gene-275.13-mRNA-1	Indica	NA		Os07g0105000	OsR498G0713368100.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-12-augustus-gene-275.3-mRNA-1	Indica	NA		Os08g0395500	OsR498G0102642600.01.T02	
maker-12-augustus-gene-278.12-mRNA-1	Indica	NA			OsR498G0713384500.01.T01	
maker-12-augustus-gene-279.59-mRNA-1	Indica	NA		Os07g0110800	OsR498G0713388200.01.T01	
maker-2-augustus-gene-111.39-mRNA-1	Indica	NA		Os02g0292100		GD5L-motif lipase/hydrolase-like
maker-2-augustus-gene-167.0-mRNA-1	Indica	Indica		Os02g0478550	OsR498G0203804900.01.T01	30S ribosomal protein S8, chloroplastic
maker-2-augustus-gene-167.13-mRNA-1	Indica	NA				Calcineurin B
maker-2-augustus-gene-167.15-mRNA-1	Indica	NA		Os02g0478525		Arogenate dehydratase
maker-2-augustus-gene-167.18-mRNA-1	Indica	NA		Os02g0479300	OsR498G0203807200.01.T01	dCTP pyrophosphatase 1
maker-2-augustus-gene-167.21-mRNA-1	Indica	NA				WH1 domain-containing protein
maker-2-augustus-gene-167.3-mRNA-1	Indica	NA		Os02g0478600	OsR498G0203805100.01.T02	30S ribosomal protein S8, chloroplastic
maker-2-augustus-gene-167.35-mRNA-1	Indica	Indica		Os02g0480100	OsR498G0203808800.01.T04	ATP-dependent DNA helicase
maker-2-augustus-gene-167.5-mRNA-1	Indica	NA		Os02g0478700	OsR498G0203805300.01.T02	40S ribosomal protein S27
maker-2-augustus-gene-167.9-mRNA-1	Indica	NA			OsR498G0203807700.01.T02	Calcineurin B-like protein 3
maker-2-augustus-gene-168.16-mRNA-1	Indica	NA		Os02g0480900	OsR498G0203811600.01.T02	Polyadenylate-binding protein-interacting protein 3
maker-2-augustus-gene-168.21-mRNA-1	Indica	NA		Os02g0481000	OsR498G0203812000.01.T02	28S ribosomal protein S34, mitochondrial (Fragment)
maker-2-augustus-gene-168.24-mRNA-1	Indica	NA			OsR498G0203816400.01.T04	Putative P-loop containing nucleoside triphosphate hydrolase, alpha/Beta h
maker-2-augustus-gene-168.3-mRNA-1	Indica	Indica		Os02g0481900	OsR498G0203816900.01.T01	5'-3' exonuclease
maker-2-augustus-gene-168.30-mRNA-1	Indica	NA		Os10g0199200	OsR498G1018346900.01.T03	Hydroxyproline-rich glycoprotein-like
maker-2-augustus-gene-169.37-mRNA-1	Indica	NA		Os02g0482400	OsR498G0203817800.01.T01	Ornithine decarboxylase
maker-2-augustus-gene-171.20-mRNA-1	Indica	NA				
maker-2-augustus-gene-172.41-mRNA-1	Indica	NA			OsR498G0203833700.01.T01	WRC domain-containing protein
maker-2-augustus-gene-172.43-mRNA-1	Indica	NA		Os02g0488701	OsR498G0203835200.01.T03	RING-type E3 ubiquitin transferase
maker-2-augustus-gene-181.2-mRNA-1	Indica	Indica		Os02g0503300	OsR498G0203881700.01.T01	X8 domain-containing protein
maker-2-augustus-gene-181.7-mRNA-1	Indica	NA			OsR498G0203882200.01.T01	3-oxoacyl-[acyl-carrier-protein] reductase
maker-2-augustus-gene-182.36-mRNA-1	Indica	NA		Os02g0503900	OsR498G0203883100.01.T02	Isoflavone 2'-hydroxylase
maker-2-augustus-gene-182.43-mRNA-1	Indica	Indica		Os02g0503900	OsR498G0203883500.01.T01	Isoflavone 2'-hydroxylase
maker-2-augustus-gene-182.49-mRNA-1	Indica	NA	NBS-TM			Disease resistance protein RGA2
maker-2-augustus-gene-183.0-mRNA-1	Indica	NA		Os02g0504500	OsR498G0203886100.01.T01	UBA domain-containing protein/PUB domain-containing protein
maker-2-augustus-gene-183.13-mRNA-1	Indica	NA		Os02g0504900	OsR498G0203887600.01.T02	F-box/kelch-repeat protein At1g67480
maker-2-augustus-gene-183.9-mRNA-1	Indica	NA			OsR498G0203891300.01.T01	
maker-2-augustus-gene-185.10-mRNA-1	Indica	NA			OsR498G0203901200.01.T01	Gamma carbonic anhydrase-like 2 mitochondrial
maker-2-augustus-gene-185.12-mRNA-1	Indica	Indica		Os02g0510100	OsR498G0203903200.01.T01	Sm domain-containing protein
maker-2-augustus-gene-185.15-mRNA-1	Indica	NA		Os02g0510300	OsR498G0203903800.01.T02	Proline-rich protein HaellI subfamily 1
maker-2-augustus-gene-185.5-mRNA-1	Indica	NA		Os02g0509600	OsR498G0203902500.01.T01	
maker-2-augustus-gene-187.27-mRNA-1	Indica	Indica		Os02g0511400	OsR498G0203904700.01.T01	Cis-2,3-dihydrobiphenyl-2,3-diol dehydrogenase
maker-2-augustus-gene-187.29-mRNA-1	Indica	NA				HTH myb-type domain-containing protein
maker-2-augustus-gene-187.35-mRNA-1	Indica	NA		Os02g0511600	OsR498G0203906100.01.T01	Beta-13-N-Acetylglucosaminyltransferase family protein
maker-2-augustus-gene-187.42-mRNA-1	Indica	Indica		Os02g0511800	OsR498G0203906400.01.T02	NOP5NT domain-containing protein
maker-2-augustus-gene-188.0-mRNA-1	Indica	NA		Os02g0511900		DNA polymerase epsilon catalytic subunit A
maker-2-augustus-gene-188.7-mRNA-1	Indica	NA			OsR498G0203908300.01.T02	Ribosomal pseudouridine synthase
maker-2-augustus-gene-189.0-mRNA-1	Indica	NA	Kinase-TM	Os02g0513000	OsR498G0203912300.01.T01	Serine/threonine-protein kinase PBS1
maker-2-augustus-gene-189.3-mRNA-1	Indica	NA			OsR498G0203917700.01.T01	Glycerophosphodiester phosphodiesterase
maker-2-augustus-gene-189.8-mRNA-1	Indica	NA		Os02g0513100	OsR498G0203912800.01.T01	Bidirectional sugar transporter SWEET
maker-2-augustus-gene-190.16-mRNA-1	Indica	NA		Os02g0515600	OsR498G0203923000.01.T01	GSH-induced LITAF domain-containing protein
maker-2-augustus-gene-191.0-mRNA-1	Indica	NA		Os02g0517300	OsR498G0203929500.01.T02	Topoisomerase II-associated protein PAT1
maker-2-augustus-gene-191.13-mRNA-1	Indica	NA		Os02g0516800	OsR498G0203927400.01.T01	Trihelix transcription factor ASR3

maker-2-augustus-gene-191.7-mRNA-1	Indica	NA				
maker-2-augustus-gene-191.9-mRNA-1	Indica	NA		Os02g0516600	OsR498G0203926800.01.T01	RING finger protein 10
maker-2-augustus-gene-192.35-mRNA-1	Indica	NA		Os02g0517531	OsR498G0203934500.01.T01	RNA recognition motif domain
maker-2-augustus-gene-192.43-mRNA-1	Indica	NA			OsR498G0203940900.01.T01	
maker-2-augustus-gene-192.45-mRNA-1	Indica	NA		Os02g0517600		Ubiquitinyl hydrolase 1
maker-2-augustus-gene-192.50-mRNA-1	Indica	NA		Os02g0518100	OsR498G0203939400.01.T01	Probable magnesium transporter
maker-2-augustus-gene-192.56-mRNA-1	Indica	NA		Os02g0518600	OsR498G0203941800.01.T02	Potassium transporter
maker-2-augustus-gene-193.0-mRNA-1	Indica	NA		Os02g0519900	OsR498G0203948900.01.T06	Tr-type G domain-containing protein
maker-2-augustus-gene-193.1-mRNA-1	Indica	NA		Os02g0519100	OsR498G0203945200.01.T01	Potassium transporter
maker-2-augustus-gene-193.10-mRNA-1	Indica	NA		Os02g0520100	OsR498G0203951000.01.T02	Nudix hydrolase 13 mitochondrial
maker-2-augustus-gene-193.3-mRNA-1	Indica	Indica		Os04g0661300	OsR498G0203946800.01.T01	Myosin-H heavy chain isoform 1
maker-2-augustus-gene-196.18-mRNA-1	Indica	Indica		Os02g0526000	OsR498G0203972200.01.T01	Heparan-alpha-glucosaminide N-acetyltransferase-like isoform X1
maker-2-augustus-gene-196.5-mRNA-1	Indica	NA		Os02g0525900	OsR498G0203971900.01.T01	Acetyl-coenzyme A synthetase
maker-2-augustus-gene-203.0-mRNA-1	Indica	NA			OsR498G0204016900.01.T01	Chaperone protein ClpB1-like
maker-2-augustus-gene-203.4-mRNA-1	Indica	NA		Os02g0537700	OsR498G0204017500.01.T01	Thioredoxin peroxidase
maker-2-augustus-gene-203.8-mRNA-1	Indica	Japonica		Os02g0537800	OsR498G0204018500.01.T01	Butenolide signaling repressing protein-like
maker-2-augustus-gene-204.22-mRNA-1	Indica	NA		Os02g0538900	OsR498G0204022400.01.T01	Basic leucine zipper 6
maker-2-augustus-gene-208.0-mRNA-1	Indica	Indica		Os02g0816900	OsR498G0204065700.01.T01	Myosin motor domain-containing protein
maker-2-augustus-gene-208.6-mRNA-1	Indica	NA		Os02g0545300		ATP synthase subunit-like protein
maker-2-augustus-gene-230.62-mRNA-1	Indica	NA		Os02g0587300		
maker-2-augustus-gene-230.64-mRNA-1	Indica	NA		Os02g0587600	OsR498G0204199700.01.T01	Xylan 14-beta-xylosidase
maker-2-augustus-gene-237.126-mRNA-1	Indica	NA		Os02g0600400	OsR498G0204248100.01.T05	Glucose-6-phosphate dehydrogenase (NADP(+))
maker-2-augustus-gene-237.139-mRNA-1	Indica	NA		Os02g0600200	OsR498G0204248000.01.T03	Ribosome-recycling factor, mitochondrial (Fragment)
maker-2-augustus-gene-237.48-mRNA-1	Indica	NA				Protein-serine/threonine phosphatase
maker-2-augustus-gene-237.49-mRNA-1	Indica	NA				Protein-serine/threonine phosphatase
maker-2-augustus-gene-24.37-mRNA-1	Indica	NA		Os02g0143200	OsR498G0202953500.01.T02	ARM repeat superfamily protein
maker-2-augustus-gene-244.34-mRNA-1	Indica	NA		Os02g0614100	OsR498G0204296700.01.T01	TPT domain-containing protein (Fragment)
maker-2-augustus-gene-244.39-mRNA-1	Indica	NA			OsR498G0204297900.01.T02	AP2-like ethylene-responsive transcription factor BBM2
maker-2-augustus-gene-244.43-mRNA-1	Indica	NA		Os02g0614400	OsR498G0204298500.01.T02	Calcium-dependent protein kinase 20
maker-2-augustus-gene-244.54-mRNA-1	Indica	NA		Os02g0614200	OsR498G0204297200.01.T01	Lysine-specific demethylase 2A-like
maker-2-augustus-gene-245.0-mRNA-1	Indica	NA		Os02g0614600	OsR498G0204299100.01.T02	Filament-like plant protein 7
maker-2-augustus-gene-245.16-mRNA-1	Indica	NA		Os02g0614500	OsR498G0204298800.01.T01	Nucleotide sugar transporter-KT 1
maker-2-augustus-gene-245.21-mRNA-1	Indica	Japonica		Os02g0614700	OsR498G0204299400.01.T01	SPRY domain-containing protein
maker-2-augustus-gene-247.10-mRNA-1	Indica	NA			OsR498G0204310000.01.T03	
maker-2-augustus-gene-247.3-mRNA-1	Indica	NA	LRR-TM		OsR498G0204309100.01.T01	LRR receptor-like serine/threonine-protein kinase EFR
maker-2-augustus-gene-251.19-mRNA-1	Indica	NA				
maker-2-augustus-gene-252.27-mRNA-1	Indica	NA		Os02g0616501		PAZ domain-containing protein/Piwi domain-containing protein/DUF1785 d
maker-2-augustus-gene-253.8-mRNA-1	Indica	NA		Os02g0617900	OsR498G0204327100.01.T01	39S ribosomal protein L41-A, mitochondrial
maker-2-augustus-gene-255.57-mRNA-1	Indica	Indica		Os04g0515900	OsR498G0204341900.01.T01	NAC transcription factor
maker-2-augustus-gene-258.5-mRNA-1	Indica	NA		Os01g0281200	OsR498G0100675400.01.T01	CYCLIN domain-containing protein (Fragment)
maker-2-augustus-gene-259.54-mRNA-1	Indica	NA		Os02g0629800	OsR498G0204365900.01.T01	Knot1 domain-containing protein (Fragment)
maker-2-augustus-gene-26.37-mRNA-1	Indica	NA		Os02g0145600	OsR498G0202963300.01.T06	NB-ARC domain-containing protein
maker-2-augustus-gene-26.40-mRNA-1	Indica	NA			OsR498G0202966500.01.T04	Dolichol kinase
maker-2-augustus-gene-26.47-mRNA-1	Indica	NA		Os02g0146600	OsR498G0202966700.01.T02	Translation initiation factor
maker-2-augustus-gene-26.49-mRNA-1	Indica	NA		Os02g0146700	OsR498G0202967300.01.T01	26S proteasome non-ATPase regulatory subunit 2 A
maker-2-augustus-gene-26.56-mRNA-1	Indica	NA		Os02g0147700	OsR498G0202969700.01.T02	DNA-binding protein BIN4-like isoform X1
maker-2-augustus-gene-26.65-mRNA-1	Indica	NA			OsR498G0202966200.01.T01	
maker-2-augustus-gene-26.67-mRNA-1	Indica	NA			OsR498G0202966500.01.T04	Dolichol kinase
maker-2-augustus-gene-26.74-mRNA-1	Indica	Japonica		Os02g0147300	OsR498G0202968200.01.T02	TOG domain-containing protein
maker-2-augustus-gene-260.6-mRNA-1	Indica	Japonica	Kinase-TM	Os02g0632100	OsR498G0509684800.01.T02	Wall-associated receptor kinase 3
maker-2-augustus-gene-262.0-mRNA-1	Indica	Indica		Os04g0524600	OsR498G0204380300.01.T01	Metal-nicotianamine transporter YSL12
maker-2-augustus-gene-262.30-mRNA-1	Indica	NA	Kinase-TM			Wall-associated receptor kinase 4
maker-2-augustus-gene-262.38-mRNA-1	Indica	NA				B-block binding subunit of TFIIC
maker-2-augustus-gene-27.0-mRNA-1	Indica	NA		Os02g0147500		Resistance protein-like
maker-2-augustus-gene-30.0-mRNA-1	Indica	NA				DUF547 domain-containing protein
maker-2-augustus-gene-30.16-mRNA-1	Indica	NA		Os02g0152900	OsR498G0202988400.01.T01	Putative WAS/WASL-interacting protein family member 1-like
maker-2-augustus-gene-30.20-mRNA-1	Indica	Indica	Kinase-LRR-TM	Os02g0154000	OsR498G0202991600.01.T01	Putative leucine-rich repeat receptor-like kinase
maker-2-augustus-gene-31.54-mRNA-1	Indica	NA	Kinase-TM		OsR498G0202996100.01.T01	L-type lectin-domain containing receptor kinase IX.2
maker-2-augustus-gene-32.53-mRNA-1	Indica	NA		Os02g0158300	OsR498G0203004900.01.T01	Arabinose 5-phosphate isomerase KdsD
maker-2-augustus-gene-32.58-mRNA-1	Indica	NA		Os02g0158900	OsR498G0203006100.01.T01	5'-AMP-activated protein kinase subunit gamma-3
maker-2-augustus-gene-32.60-mRNA-1	Indica	NA		Os02g0159200	OsR498G0203007700.01.T01	Regulator of Vps4 activity in the MVB pathway protein

maker-2-augustus-gene-32.64-mRNA-1	Indica	NA			OsR498G0203008100.01.T01	translation machinery-associated protein 7-like
maker-2-augustus-gene-32.66-mRNA-1	Indica	Indica		Os01g0141100	OsR498G0203008900.01.T01	Protein SUPPRESSOR OF K(+) TRANSPORT GROWTH DEFECT 1
maker-2-augustus-gene-32.73-mRNA-1	Indica	NA		Os02g0158100	OsR498G0203003800.01.T01	EH domain-containing protein 1
maker-2-augustus-gene-32.77-mRNA-1	Indica	NA				single-stranded DNA-binding protein WHY2, mitochondrial
maker-2-augustus-gene-32.82-mRNA-1	Indica	Indica		Os02g0158500	OsR498G0203005400.01.T01	Plant-specific domain TIGR01627 family protein
maker-2-augustus-gene-32.86-mRNA-1	Indica	NA			OsR498G0203008400.01.T01	
maker-2-augustus-gene-32.91-mRNA-1	Indica	Indica		Os02g0159700	OsR498G0203008600.01.T04	Protein SCO1 homolog 1 mitochondrial
maker-2-augustus-gene-33.0-mRNA-1	Indica	Japonica		Os02g0160100	OsR498G0203010500.01.T01	
maker-2-augustus-gene-33.3-mRNA-1	Indica	NA		Os02g0160200	OsR498G0203010900.01.T01	FBD domain-containing protein
maker-2-augustus-gene-33.5-mRNA-1	Indica	NA		Os02g0161100	OsR498G0203015300.01.T01	Formin-like protein 10
maker-2-augustus-gene-33.7-mRNA-1	Indica	NA			OsR498G0203009200.01.T03	DEXH-box ATP-dependent RNA helicase DExH11
maker-2-augustus-gene-34.35-mRNA-1	Indica	NA				Zinc finger CCH domain-containing protein 13
maker-2-augustus-gene-34.40-mRNA-1	Indica	NA			OsR498G0203016300.01.T01	TATA-binding protein-associated factor BTA1
maker-2-augustus-gene-37.13-mRNA-1	Indica	NA		Os02g0168300	OsR498G0203044700.01.T01	Glutathione transferase
maker-2-augustus-gene-37.15-mRNA-1	Indica	NA			OsR498G0203044900.01.T01	Putative E3 ubiquitin-protein ligase LIN
maker-2-augustus-gene-37.41-mRNA-1	Indica	NA		Os02g0168200	OsR498G0203044600.01.T01	probable transcription factor KAN3
maker-2-augustus-gene-38.0-mRNA-1	Indica	NA		Os02g0168800	OsR498G0203046700.01.T01	Hydroxymethylbilane synthase
maker-2-augustus-gene-38.10-mRNA-1	Indica	NA			OsR498G0203052900.01.T02	Glycine cleavage system protein GcvH
maker-2-augustus-gene-38.14-mRNA-1	Indica	NA		Os02g0167700	OsR498G0203043400.01.T03	Cullin-associated NEDD8-dissociated protein 1
maker-2-augustus-gene-38.23-mRNA-1	Indica	Indica		Os02g0170000	OsR498G0203053700.01.T02	Pentatricopeptide repeat
maker-2-augustus-gene-38.28-mRNA-1	Indica	NA		Os02g0168600	OsR498G0203046000.01.T03	OTU domain-containing protein
maker-2-augustus-gene-38.31-mRNA-1	Indica	NA		Os02g0168700	OsR498G0203046400.01.T01	Peptidylprolyl isomerase
maker-2-augustus-gene-38.33-mRNA-1	Indica	NA		Os02g0168900	OsR498G0203047200.01.T01	Ribonuclease H2 subunit C
maker-2-augustus-gene-38.39-mRNA-1	Indica	NA			OsR498G0203051200.01.T03	Piwi domain-containing protein
maker-2-augustus-gene-38.4-mRNA-1	Indica	NA		Os02g0169300	OsR498G0203048100.01.T02	Phosphoglycerate kinase
maker-2-augustus-gene-38.45-mRNA-1	Indica	NA		Os02g0169900	OsR498G0203053600.01.T04	Pentatricopeptide repeat-containing protein
maker-2-augustus-gene-38.8-mRNA-1	Indica	NA			OsR498G0203051500.01.T01	
maker-2-augustus-gene-41.11-mRNA-1	Indica	NA		Os02g0174300	OsR498G0203068700.01.T01	Trihelix transcription factor ASR3
maker-2-augustus-gene-41.14-mRNA-1	Indica	NA	Kinase-LRR-TM		OsR498G0203068900.01.T01	Pollen receptor-like kinase
maker-2-augustus-gene-41.37-mRNA-1	Indica	NA	Kinase-TM	Os02g0174200	OsR498G0203068200.01.T01	serine/threonine-protein kinase STY13
maker-2-augustus-gene-41.7-mRNA-1	Indica	NA		Os02g0174100	OsR498G0203067900.01.T02	SBP-type domain-containing protein
maker-2-augustus-gene-44.13-mRNA-1	Indica	NA		Os02g0179500	OsR498G0203089700.01.T03	Heptahelical transmembrane protein 2
maker-2-augustus-gene-44.18-mRNA-1	Indica	NA		Os02g0179200	OsR498G0203088200.01.T01	Gamma-glutamyl peptidase
maker-2-augustus-gene-44.2-mRNA-1	Indica	NA	CC-Kinase		OsR498G0203087100.01.T01	Mitogen-activated protein kinase kinase kinase ANP1
maker-2-augustus-gene-44.20-mRNA-1	Indica	NA			OsR498G0203089400.01.T01	TUB transcription factor
maker-2-augustus-gene-44.24-mRNA-1	Indica	Indica		Os02g0179800	OsR498G0203090200.01.T01	ATG11 domain-containing protein
maker-2-augustus-gene-44.5-mRNA-1	Indica	NA		Os02g0179100	OsR498G0203087700.01.T04	5'-deoxynucleotidase
maker-2-augustus-gene-45.21-mRNA-1	Indica	NA			OsR498G0203090500.01.T01	U2 snRNP-associated SURP motif-containing protein
maker-2-augustus-gene-45.28-mRNA-1	Indica	NA		Os02g0180000	OsR498G0203090900.01.T02	Protein-serine/threonine phosphatase
maker-2-augustus-gene-45.37-mRNA-1	Indica	NA			OsR498G0203092100.01.T01	probable N-acetyltransferase HLS1
maker-2-augustus-gene-45.39-mRNA-1	Indica	NA		Os02g0180700	OsR498G0203093300.01.T01	Nucleoside-diphosphate-sugar epimerase
maker-2-augustus-gene-45.44-mRNA-1	Indica	NA		Os02g0180100	OsR498G0203091200.01.T03	Ubiquitin carboxyl-terminal hydrolase
maker-2-augustus-gene-45.48-mRNA-1	Indica	NA		Os02g0180500	OsR498G0203092800.01.T01	Chorismate mutase
maker-2-augustus-gene-46.34-mRNA-1	Indica	NA		Os02g0182700	OsR498G0203102700.01.T01	
maker-2-augustus-gene-46.38-mRNA-1	Indica	Indica		Os02g0182800	OsR498G0203103100.01.T02	Knotted 7
maker-2-augustus-gene-46.44-mRNA-1	Indica	NA		Os02g0182100	OsR498G0203099000.01.T01	Two-component response regulator
maker-2-augustus-gene-46.47-mRNA-1	Indica	Indica		Os06g0643100	OsR498G0203101400.01.T01	Proteasome endopeptidase complex
maker-2-augustus-gene-46.50-mRNA-1	Indica	NA	Kinase-TM		OsR498G0203101600.01.T02	Phytosulfokine receptor
maker-2-augustus-gene-47.36-mRNA-1	Indica	NA		Os02g0184100	OsR498G0203106300.01.T01	Putative prostatic spermine-binding protein (Fragment)
maker-2-augustus-gene-47.38-mRNA-1	Indica	NA		Os02g0184400	OsR498G0203107300.01.T02	UDP-glucose-fructose-phosphate glucosyltransferase
maker-2-augustus-gene-47.44-mRNA-1	Indica	Indica		Os02g0184500	OsR498G0203107900.01.T01	Ubiquitin system component Cue protein
maker-2-augustus-gene-47.47-mRNA-1	Indica	NA		Os02g0183000	OsR498G0203104200.01.T01	PLATZ transcription factor (Fragment)
maker-2-augustus-gene-47.49-mRNA-1	Indica	NA		Os02g0183700		Isoleucyl-tRNA synthetase
maker-2-augustus-gene-47.58-mRNA-1	Indica	Indica		Os02g0183900	OsR498G0203106000.01.T01	Isoleucyl-tRNA synthetase
maker-2-augustus-gene-47.61-mRNA-1	Indica	NA		Os02g0184000	OsR498G0203106200.01.T03	S-acyltransferase
maker-2-augustus-gene-47.66-mRNA-1	Indica	Indica		Os06g0644200	OsR498G0203106600.01.T02	H(+)-exporting diphosphatase
maker-2-augustus-gene-47.72-mRNA-1	Indica	Japonica		Os02g0184600	OsR498G0203112700.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-47.74-mRNA-1	Indica	NA		Os02g0184700	OsR498G0203108600.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-48.49-mRNA-1	Indica	NA		Os02g0185200	OsR498G0203111900.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-48.54-mRNA-1	Indica	Indica		Os02g0184900	OsR498G0203112900.01.T02	Premnaspirodiene oxygenase-like
maker-2-augustus-gene-48.57-mRNA-1	Indica	Indica		Os02g0185500	OsR498G0203113300.01.T01	Premnaspirodiene oxygenase

maker-2-augustus-gene-48.59-mRNA-1	Indica	Indica		Os02g0186100	OsR498G0203113700.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-48.62-mRNA-1	Indica	Indica		Os02g0184700	OsR498G0203113900.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-49.32-mRNA-1	Indica	Indica		Os02g0186700	OsR498G0203116700.01.T02	
maker-2-augustus-gene-49.35-mRNA-1	Indica	NA		Os02g0186800	OsR498G0203116900.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-49.37-mRNA-1	Indica	Indica		Os02g0186900	OsR498G0203117100.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-49.39-mRNA-1	Indica	NA		Os02g0187000	OsR498G0203117300.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-49.45-mRNA-1	Indica	NA		Os02g0187600	OsR498G0203119500.01.T01	Protein TIC 21, chloroplastic isoform A
maker-2-augustus-gene-49.48-mRNA-1	Indica	NA		Os02g0187200	OsR498G0203118200.01.T01	Exostosin domain-containing protein (Fragment)
maker-2-augustus-gene-49.53-mRNA-1	Indica	NA			OsR498G0203118400.01.T03	SNARE associated Golgi protein family
maker-2-augustus-gene-49.60-mRNA-1	Indica	NA		Os02g0187500	OsR498G0203119400.01.T01	Putative thiamine phosphate synthase
maker-2-augustus-gene-49.74-mRNA-1	Indica	NA		Os02g0188500	OsR498G0203124200.01.T01	UDPGT domain-containing protein
maker-2-augustus-gene-50.36-mRNA-1	Indica	NA		Os02g0188900		F-box domain containing protein, expressed
maker-2-augustus-gene-50.38-mRNA-1	Indica	NA		Os02g0189300	OsR498G0203127100.01.T02	GDSL esterase/lipase
maker-2-augustus-gene-50.43-mRNA-1	Indica	NA		Os02g0189000	OsR498G0203126400.01.T01	30S ribosomal protein S21, chloroplastic
maker-2-augustus-gene-55.37-mRNA-1	Indica	Indica		Os02g0197200	OsR498G0203154300.01.T02	Endoglucanase
maker-2-augustus-gene-55.50-mRNA-1	Indica	Indica		Os02g0198200	OsR498G0203158500.01.T02	probable calcium-binding protein CML21
maker-2-augustus-gene-55.54-mRNA-1	Indica	NA		Os02g0198300	OsR498G0203158700.01.T04	ADP-ribosylation factor GTPase-activating protein AGD12
maker-2-augustus-gene-55.62-mRNA-1	Indica	NA		Os02g0196900	OsR498G0203153400.01.T01	3-oxoacyl-acyl-carrier-protein synthase
maker-2-augustus-gene-55.77-mRNA-1	Indica	NA		Os02g0197700	OsR498G0203156800.01.T01	Ditrans,polycis-polyprenyl diphosphate synthase ((2E,6E)-farnesyl)diphosphatase
maker-2-augustus-gene-55.81-mRNA-1	Indica	Indica		Os02g0197800	OsR498G0203157400.01.T02	DUF971 domain-containing protein (Fragment)
maker-2-augustus-gene-56.0-mRNA-1	Indica	NA		Os02g0198600	OsR498G0203160100.01.T05	DNA damage-inducible protein 1
maker-2-augustus-gene-56.16-mRNA-1	Indica	NA			OsR498G0203159400.01.T02	
maker-2-augustus-gene-56.19-mRNA-1	Indica	NA		Os02g0198700	OsR498G0203160400.01.T01	Subtilisin-like serine protease
maker-2-augustus-gene-66.67-mRNA-1	Indica	Indica		Os03g0233200	OsR498G0202837900.01.T01	Putative lecithin-cholesterol acyl transferase
maker-2-augustus-gene-73.19-mRNA-1	Indica	NA		Os01g0265300		Transposable element protein, putative, MuDR
maker-2-augustus-gene-98.13-mRNA-1	Indica	NA		Os04g0120000		Hydroxyproline-rich glycoprotein-like
maker-3-augustus-gene-173.41-mRNA-1	Indica	Indica		Os03g0359000	OsR498G0305987400.01.T01	Alpha/beta-Hydrolases superfamily protein
maker-3-augustus-gene-180.13-mRNA-1	Indica	NA			OsR498G0306020300.01.T01	NYN domain-containing protein (Fragment)
maker-3-augustus-gene-186.0-mRNA-1	Indica	NA		Os03g0380600		Transposon protein, putative, CACTA, En/Spm sub-class
maker-3-augustus-gene-192.7-mRNA-1	Indica	Indica		Os07g0620800	OsR498G0306091200.01.T02	Cyclin dependent kinase regulator
maker-3-augustus-gene-195.10-mRNA-1	Indica	NA		Os03g0395300		Protein WEAK CHLOROPLAST MOVEMENT UNDER BLUE LIGHT 1
maker-3-augustus-gene-196.33-mRNA-1	Indica	NA			OsR498G0306106700.01.T02	Switch-associated protein 70
maker-3-augustus-gene-196.39-mRNA-1	Indica	NA			OsR498G0306108700.01.T05	Suppressor of white apricot N-terminal domain
maker-3-augustus-gene-196.44-mRNA-1	Indica	Japonica		Os03g0396900	OsR498G0306112500.01.T01	Trimethylguanosine synthase
maker-3-augustus-gene-196.49-mRNA-1	Indica	Indica		Os03g0397300	OsR498G0306113300.01.T02	Metallophos domain-containing protein (Fragment)
maker-3-augustus-gene-196.54-mRNA-1	Indica	NA		Os03g0396500	OsR498G0306111400.01.T01	Tify domain-containing protein
maker-3-augustus-gene-197.30-mRNA-1	Indica	NA		Os03g0397400	OsR498G0306113700.01.T04	Vacuolar cation/proton exchanger
maker-3-augustus-gene-197.33-mRNA-1	Indica	Indica	Kinase-LRR-TM	Os07g0618400	OsR498G0306114400.01.T02	Protein STRUBBELIG-RECEPTOR FAMILY 6
maker-3-augustus-gene-198.4-mRNA-1	Indica	NA			OsR498G0306123200.01.T01	1-phosphatidylinositol-3-phosphate 5-kinase
maker-3-augustus-gene-199.0-mRNA-1	Indica	NA	Kinase		OsR498G0306131300.01.T02	Serine/threonine-protein kinase CTR1
maker-3-augustus-gene-199.10-mRNA-1	Indica	NA	LRR-TM	Os03g0400850	OsR498G0306129200.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-3-augustus-gene-199.12-mRNA-1	Indica	NA		Os03g0401300	OsR498G0306132000.01.T03	Sucrose synthase
maker-3-augustus-gene-199.5-mRNA-1	Indica	NA		Os03g0400700		Late embryogenesis abundant protein
maker-3-augustus-gene-279.10-mRNA-1	Indica	NA			OsR498G1018671500.01.T01	BAH domain-containing protein
maker-3-augustus-gene-279.2-mRNA-1	Indica	NA		Os10g0404900	OsR498G1018674900.01.T01	Homeobox-leucine zipper protein ATHB-23
maker-3-augustus-gene-279.4-mRNA-1	Indica	NA		Os02g0452800		Epimerase domain-containing protein
maker-3-augustus-gene-279.5-mRNA-1	Indica	NA		Os10g0404500	OsR498G1018673700.01.T01	Sucrose transporter
maker-3-augustus-gene-279.7-mRNA-1	Indica	Indica		Os03g0171300	OsR498G1018672900.01.T01	Transcription factor ILI7
maker-3-augustus-gene-279.9-mRNA-1	Indica	NA			OsR498G1018671700.01.T01	BAH domain-containing protein
maker-3-augustus-gene-280.23-mRNA-1	Indica	Indica		Os03g0171700	OsR498G1018669400.01.T01	Transcription factor ILI3
maker-3-augustus-gene-280.25-mRNA-1	Indica	NA		Os10g0403000	OsR498G1018666000.01.T01	Cytochrome P450, family 78, subfamily A, polypeptide 7
maker-3-augustus-gene-280.27-mRNA-1	Indica	NA			OsR498G1018668900.01.T02	Glucose-fructose oxidoreductase, bacterial
maker-3-augustus-gene-281.20-mRNA-1	Indica	NA		Os10g0400900	OsR498G1018659900.01.T02	Mic1 domain-containing protein (Fragment)
maker-3-augustus-gene-281.4-mRNA-1	Indica	NA		Os10g0400800	OsR498G1018659800.01.T01	Phenylalanine--tRNA ligase alpha subunit, cytoplasmic
maker-3-augustus-gene-282.33-mRNA-1	Indica	NA		Os10g0400200	OsR498G1018658200.01.T01	Glutelin type-A 2
maker-3-augustus-gene-282.35-mRNA-1	Indica	NA		Os10g0399200	OsR498G1018655600.01.T01	Putative O-succinylhomoserine (Thiol)-lyase
maker-3-augustus-gene-282.37-mRNA-1	Indica	NA		Os10g0400100	OsR498G1018657900.01.T01	Methionyl-tRNA synthetase
maker-3-augustus-gene-282.42-mRNA-1	Indica	NA		Os10g0399700	OsR498G1018656500.01.T01	Putative O-succinylhomoserine (Thiol)-lyase
maker-3-augustus-gene-283.5-mRNA-1	Indica	NA			OsR498G1018652100.01.T01	CCAAT-binding transcription factor B
maker-3-augustus-gene-297.11-mRNA-1	Indica	NA			OsR498G1018579600.01.T01	
maker-3-augustus-gene-297.15-mRNA-1	Indica	NA				

maker-3-augustus-gene-297.17-mRNA-1	Indica	NA		Os10g0376900	OsR498G1018581100.01.T01	Transcription factor bHLH96
maker-3-augustus-gene-298.34-mRNA-1	Indica	NA	LRR-TM	Os10g0376200	OsR498G1018578500.01.T02	Dynein assembly factor 1, axonemal
maker-3-augustus-gene-298.38-mRNA-1	Indica	Indica		Os03g0388800	OsR498G1018576700.01.T01	2-hydroxy-6-oxononadienedioate/2-hydroxy-6-oxononatrienedioate hydrolase
maker-3-augustus-gene-298.41-mRNA-1	Indica	NA		Os10g0375600	OsR498G1018576500.01.T03	Calmodulin-binding transcription activator 2
maker-3-augustus-gene-298.46-mRNA-1	Indica	NA	Kinase-LRR-TM	Os10g0375000	OsR498G1018574700.01.T03	Putative receptor like protein kinase
maker-3-augustus-gene-299.35-mRNA-1	Indica	NA				
maker-3-augustus-gene-299.40-mRNA-1	Indica	NA		Os10g0372800		NAC domain-containing protein
maker-3-augustus-gene-299.43-mRNA-1	Indica	NA	Kinase-LRR-TM	Os10g0374666	OsR498G1018573900.01.T01	LRR receptor-like serine/threonine-protein kinase EFR isoform B
maker-3-augustus-gene-299.46-mRNA-1	Indica	NA		Os10g0373400		
maker-3-augustus-gene-299.48-mRNA-1	Indica	NA			OsR498G1018569700.01.T01	
maker-3-augustus-gene-299.50-mRNA-1	Indica	NA			OsR498G1018568500.01.T01	
maker-3-augustus-gene-301.25-mRNA-1	Indica	NA	NBS-TM	Os10g0370100		calmodulin-binding transcription activator 3
maker-3-augustus-gene-302.26-mRNA-1	Indica	NA		Os10g0368400	OsR498G1018555200.01.T01	AP complex subunit sigma
maker-3-augustus-gene-303.30-mRNA-1	Indica	NA		Os10g0528300	OsR498G1018554900.01.T02	Glutathione S-transferase
maker-3-augustus-gene-304.0-mRNA-1	Indica	NA			OsR498G1018550000.01.T01	C2 NT-type domain-containing protein (Fragment)
maker-3-augustus-gene-304.12-mRNA-1	Indica	NA			OsR498G1018551500.01.T01	Protein translocase/ protein transporter
maker-3-augustus-gene-304.14-mRNA-1	Indica	NA	NBS-TM		OsR498G1018551100.01.T01	NB-ARC domain containing protein, expressed
maker-3-augustus-gene-305.24-mRNA-1	Indica	NA		Os10g0363500	OsR498G1018548900.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
maker-3-augustus-gene-305.25-mRNA-1	Indica	NA			OsR498G1018548100.01.T01	Acetyl-CoA carboxylase
maker-3-augustus-gene-305.32-mRNA-1	Indica	NA		Os10g0363100	OsR498G1018546700.01.T07	Hexosyltransferase
maker-3-augustus-gene-307.0-mRNA-1	Indica	NA		Os10g0360900	OsR498G1018535600.01.T03	
maker-3-augustus-gene-307.8-mRNA-1	Indica	NA	Kinase-LRR-TM	Os10g0360933	OsR498G1018534900.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-3-augustus-gene-308.0-mRNA-1	Indica	NA		Os10g0359500	OsR498G1018531800.01.T03	NAC domain-containing protein 68
maker-3-augustus-gene-309.0-mRNA-1	Indica	NA		Os10g0357800	OsR498G1018526700.01.T05	N(2),N(2)-dimethylguanosine tRNA methyltransferase 1
maker-3-augustus-gene-310.24-mRNA-1	Indica	NA		Os10g0351600	OsR498G1018523300.01.T01	GH10 domain-containing protein (Fragment)
maker-3-augustus-gene-311.0-mRNA-1	Indica	NA		Os10g0351300	OsR498G1018520800.01.T01	Cytochrome P450 family 76 subfamily C polypeptide 7
maker-3-augustus-gene-311.4-mRNA-1	Indica	NA		Os10g0350400		Ribosomal protein S12 containing protein
maker-3-augustus-gene-311.9-mRNA-1	Indica	NA			OsR498G1018520500.01.T02	
maker-3-augustus-gene-313.30-mRNA-1	Indica	NA		Os10g0347800	OsR498G1018515600.01.T01	Formin-like protein 4
maker-3-augustus-gene-315.0-mRNA-1	Indica	NA		Os10g0347000	OsR498G1018513200.01.T01	(1->3)-beta-glucan endohydrolase
maker-3-augustus-gene-315.10-mRNA-1	Indica	NA		Os10g0346200	OsR498G1018510900.01.T01	Zinc finger, RING/FYVE/PHD-type
maker-3-augustus-gene-315.2-mRNA-1	Indica	NA		Os10g0346600	OsR498G1018512600.01.T03	Vacuolar-sorting receptor
maker-3-augustus-gene-315.8-mRNA-1	Indica	NA		Os10g0346300	OsR498G1018511200.01.T01	Laccase
maker-3-augustus-gene-316.21-mRNA-1	Indica	NA		Os10g0345100	OsR498G1018505600.01.T02	Protein DETOXIFICATION
maker-3-augustus-gene-317.42-mRNA-1	Indica	NA		Os10g0343500		
maker-3-augustus-gene-322.9-mRNA-1	Indica	NA		Os10g0333700	OsR498G1018475500.01.T01	
maker-3-augustus-gene-324.45-mRNA-1	Indica	NA		Os10g0330600	OsR498G0612997600.01.T01	Beta-galactosidase 14
maker-3-augustus-gene-328.13-mRNA-1	Indica	NA		Os10g0324600	OsR498G1018442500.01.T01	zinc finger protein 346
maker-3-augustus-gene-328.2-mRNA-1	Indica	NA		Os10g0490400	OsR498G1018442800.01.T03	Transposon protein, putative, unclassified, expressed
maker-3-augustus-gene-330.12-mRNA-1	Indica	NA		Os10g0322250		Inorganic phosphate transporter 6
maker-3-augustus-gene-393.7-mRNA-1	Indica	NA		Os03g0656800	OsR498G0306703500.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-3-augustus-gene-462.59-mRNA-1	Indica	NA				Transcription factor PIF5
maker-3-augustus-gene-463.0-mRNA-1	Indica	NA			OsR498G0307158500.01.T05	Actin-related protein 7 isoform 1
maker-3-augustus-gene-6.21-mRNA-1	Indica	Japonica		Os03g0115300	OsR498G0305117000.01.T04	Pentatricopeptide repeat-containing protein (Fragment)
maker-3-augustus-gene-82.3-mRNA-1	Indica	NA		Os03g0259300	OsR498G0305611700.01.T03	ERAD-associated E3 ubiquitin-protein ligase component HRD3A like
maker-4-augustus-gene-0.3-mRNA-1	Indica	NA			OsR498G0816152000.01.T01	
maker-4-augustus-gene-103.29-mRNA-1	Indica	Indica		Os02g0474700	OsR498G0408169100.01.T06	Importin-beta
maker-4-augustus-gene-103.36-mRNA-1	Indica	NA		Os04g0337500	OsR498G0408169700.01.T01	Probable aldo-keto reductase 1
maker-4-augustus-gene-103.39-mRNA-1	Indica	Japonica		Os04g0337700	OsR498G0408170900.01.T04	Probable aldo-keto reductase 2
maker-4-augustus-gene-103.41-mRNA-1	Indica	NA		Os04g0338000	OsR498G0408170900.01.T04	Aldo-keto reductase 2
maker-4-augustus-gene-103.45-mRNA-1	Indica	Indica		Os04g0338000	OsR498G0408171100.01.T04	Aldo-keto reductase 2
maker-4-augustus-gene-105.6-mRNA-1	Indica	NA		Os04g0341100		Putative aldo/keto reductase AKR (Fragment)
maker-4-augustus-gene-105.9-mRNA-1	Indica	NA		Os04g0340300	OsR498G0408179000.01.T02	(+)-delta-cadinene synthase isozyme A
maker-4-augustus-gene-108.29-mRNA-1	Indica	NA				Transposon protein, putative, CACTA, En/Spm sub-class
maker-4-augustus-gene-108.32-mRNA-1	Indica	Indica		Os04g0341800	OsR498G0408202600.01.T03	Terpene synthase TPS38
maker-4-augustus-gene-110.38-mRNA-1	Indica	NA			OsR498G0408219900.01.T01	MAU2 chromatid cohesion factor like
maker-4-augustus-gene-110.44-mRNA-1	Indica	NA			OsR498G0408220300.01.T01	
maker-4-augustus-gene-110.59-mRNA-1	Indica	NA			OsR498G0408217400.01.T01	Prolyl 4-hydroxylase 1
maker-4-augustus-gene-110.61-mRNA-1	Indica	Indica		Os04g0347200	OsR498G0408218400.01.T01	Acidic endochitinase
maker-4-augustus-gene-111.0-mRNA-1	Indica	Indica		Os04g0348300	OsR498G0408222300.01.T01	Cell division cycle 5-related protein
maker-4-augustus-gene-111.15-mRNA-1	Indica	NA		Os04g0348400	OsR498G0408222600.01.T01	RING-type E3 ubiquitin transferase

maker-4-augustus-gene-111.22-mRNA-1	Indica	NA		Os04g0349500	OsR498G0408225600.01.T01	40S ribosomal protein S8
maker-4-augustus-gene-111.5-mRNA-1	Indica	NA				Response regulatory domain-containing protein
maker-4-augustus-gene-112.37-mRNA-1	Indica	NA		Os04g0350300	OsR498G0408228100.01.T01	Phragmoplast-associated kinesin-related protein
maker-4-augustus-gene-112.45-mRNA-1	Indica	Indica	LRR-TM	Os04g0349700	OsR498G0408227200.01.T02	Putative verticillium wilt disease resistance protein
maker-4-augustus-gene-112.47-mRNA-1	Indica	NA		Os04g0350700	OsR498G0408230800.01.T01	Transcription factor bHLH77
maker-4-augustus-gene-113.36-mRNA-1	Indica	NA		Os04g0352400	OsR498G0408236200.01.T01	Peptidylprolyl isomerase
maker-4-augustus-gene-113.40-mRNA-1	Indica	NA			OsR498G0408239000.01.T03	Phospholipid-transporting ATPase
maker-4-augustus-gene-124.31-mRNA-1	Indica	NA		Os04g0367400	OsR498G0408336300.01.T01	Reticulon-like protein (Fragment)
maker-4-augustus-gene-124.33-mRNA-1	Indica	NA				Putative WAK family receptor-like protein kinase
maker-4-augustus-gene-125.39-mRNA-1	Indica	NA	CC-Kinase-TM		OsR498G0408339000.01.T01	Jacalin-like lectin domain containing protein
maker-4-augustus-gene-126.0-mRNA-1	Indica	NA	Kinase-TM			Protein kinase domain-containing protein (Fragment)
maker-4-augustus-gene-127.31-mRNA-1	Indica	NA				
maker-4-augustus-gene-130.31-mRNA-1	Indica	NA		Os03g0598600		
maker-4-augustus-gene-130.4-mRNA-1	Indica	Indica		Os04g0377600	OsR498G0408380900.01.T01	Rab-GAP TBC domain-containing protein (Fragment)
maker-4-augustus-gene-131.22-mRNA-1	Indica	NA		Os04g0379900	OsR498G0408386800.01.T01	Stearoyl-acyl-carrier protein desaturase
maker-4-augustus-gene-132.14-mRNA-1	Indica	NA		Os04g0381000	OsR498G0408395400.01.T05	Dynamin-related protein 3A isoform 2
maker-4-augustus-gene-133.31-mRNA-1	Indica	NA		Os04g0382700	OsR498G0408403100.01.T01	Vacuolar protein sorting-associated protein 11 isogeny
maker-4-augustus-gene-133.33-mRNA-1	Indica	NA		Os04g0382800	OsR498G0408403700.01.T02	
maker-4-augustus-gene-134.43-mRNA-1	Indica	NA				
maker-4-augustus-gene-137.34-mRNA-1	Indica	Indica		Os08g0532400	OsR498G0408429300.01.T01	Nodulin-like domain-containing protein
maker-4-augustus-gene-138.0-mRNA-1	Indica	NA			OsR498G0408437300.01.T01	Probable metal-nicotianamine transporter YSL6
maker-4-augustus-gene-138.12-mRNA-1	Indica	NA		Os04g0390700	OsR498G0408437700.01.T01	Hydroxysteroid dehydrogenase 1
maker-4-augustus-gene-138.14-mRNA-1	Indica	NA		Os04g0390800	OsR498G0408438300.01.T01	11-beta-hydroxysteroid dehydrogenase 1B
maker-4-augustus-gene-138.15-mRNA-1	Indica	NA		Os04g0390800	OsR498G0408438300.01.T01	11-beta-hydroxysteroid dehydrogenase 1B
maker-4-augustus-gene-138.27-mRNA-1	Indica	NA		Os04g0391000	OsR498G0408438600.01.T03	RecQ-mediated genome instability protein 1
maker-4-augustus-gene-138.6-mRNA-1	Indica	NA			OsR498G0408437500.01.T01	Probable metal-nicotianamine transporter YSL6
maker-4-augustus-gene-147.38-mRNA-1	Indica	Indica		Os02g0527200	OsR498G0408507000.01.T03	
maker-4-augustus-gene-148.0-mRNA-1	Indica	NA		Os04g0408600	OsR498G0408516600.01.T01	RAB6-interacting golgin
maker-4-augustus-gene-148.6-mRNA-1	Indica	Indica		Os02g0528200	OsR498G0408518200.01.T01	1,4-alpha-glucan branching enzyme
maker-4-augustus-gene-149.11-mRNA-1	Indica	NA		Os04g0410300	OsR498G0408520300.01.T03	Late embryogenesis abundant protein-related / LEA protein-related
maker-4-augustus-gene-149.15-mRNA-1	Indica	NA		Os04g0410400	OsR498G0408520500.01.T01	Late embryogenesis abundant protein-related / LEA protein-related
maker-4-augustus-gene-149.20-mRNA-1	Indica	NA		Os04g0410200	OsR498G0408519000.01.T02	Serine/threonine-protein kinase KIPK
maker-4-augustus-gene-149.21-mRNA-1	Indica	NA		Os04g0410250		
maker-4-augustus-gene-149.28-mRNA-1	Indica	NA		Os04g0410600	OsR498G0408520800.01.T01	Purple acid phosphatase
maker-4-augustus-gene-150.38-mRNA-1	Indica	NA		Os04g0412300	OsR498G0408526500.01.T02	Glucan endo-13-beta-glucosidase 14
maker-4-augustus-gene-150.40-mRNA-1	Indica	NA			OsR498G0408527700.01.T04	Bifunctional monodehydroascorbate reductase and carbonic anhydrase nec
maker-4-augustus-gene-151.36-mRNA-1	Indica	NA		Os04g0414000		Mitochondrial fission protein ELM1
maker-4-augustus-gene-152.37-mRNA-1	Indica	NA		Os04g0415900	OsR498G0408543100.01.T01	AAI domain-containing protein (Fragment)
maker-4-augustus-gene-152.39-mRNA-1	Indica	NA		Os04g0416000	OsR498G0408543300.01.T01	DUF1279 domain-containing protein (Fragment)
maker-4-augustus-gene-152.50-mRNA-1	Indica	Indica		Os02g0537500	OsR498G0408543600.01.T04	Transcription factor E2FA
maker-4-augustus-gene-153.37-mRNA-1	Indica	Japonica		Os04g0417900	OsR498G0408552100.01.T01	
maker-4-augustus-gene-153.39-mRNA-1	Indica	NA		Os04g0418000	OsR498G0408552500.01.T01	Succinate dehydrogenase subunit 5 like
maker-4-augustus-gene-153.41-mRNA-1	Indica	NA		Os04g0417800	OsR498G0408551400.01.T02	Protein phosphatase type 2A regulator/ signal transducer
maker-4-augustus-gene-172.40-mRNA-1	Indica	NA		Os04g0451100		Polyadenylate-binding protein 2
maker-4-augustus-gene-172.44-mRNA-1	Indica	NA		Os04g0451200	OsR498G0408673700.01.T01	Glycosyltransferase
maker-4-augustus-gene-200.40-mRNA-1	Indica	NA		Os04g0508100		Isocitrate dehydrogenase [NADP]
maker-4-augustus-gene-200.42-mRNA-1	Indica	NA			OsR498G0408865700.01.T01	Isocitrate dehydrogenase
maker-4-augustus-gene-204.6-mRNA-1	Indica	NA		Os04g0515900	OsR498G0408893100.01.T01	NAC transcription factor
maker-4-augustus-gene-205.15-mRNA-1	Indica	NA		Os04g0517100	OsR498G0408899800.01.T01	Transcription factor MYB4
maker-4-augustus-gene-205.17-mRNA-1	Indica	NA		Os04g0517300	OsR498G0408901000.01.T01	Root UVB sensitive family
maker-4-augustus-gene-205.3-mRNA-1	Indica	Indica		Os04g0517400	OsR498G0408901100.01.T01	Hexosyltransferase
maker-4-augustus-gene-205.9-mRNA-1	Indica	NA	Kinase-TM	Os04g0517500	OsR498G0408901300.01.T01	Phosphoenolpyruvate carboxylase kinase
maker-4-augustus-gene-208.49-mRNA-1	Indica	Indica		Os04g0521200	OsR498G0408917900.01.T01	V-type proton ATPase subunit G1
maker-4-augustus-gene-209.2-mRNA-1	Indica	NA		Os04g0524300	OsR498G0408926300.01.T01	Two-component response regulator ORR5
maker-4-augustus-gene-213.61-mRNA-1	Indica	NA		Os04g0534000	OsR498G0408964300.01.T02	CAP10 domain-containing protein (Fragment)
maker-4-augustus-gene-214.0-mRNA-1	Indica	Indica		Os02g0642700	OsR498G0408964500.01.T05	Downstream target of AGL15 2
maker-4-augustus-gene-216.39-mRNA-1	Indica	NA		Os04g0538000	OsR498G0408982500.01.T02	Hsp organizing protein/stress-inducible protein
maker-4-augustus-gene-216.57-mRNA-1	Indica	Indica		Os04g0538100	OsR498G0408982800.01.T03	Elongation factor G, chloroplastic
maker-4-augustus-gene-22.46-mRNA-1	Indica	Indica		Os02g0101000	OsR498G0407717000.01.T02	Vacuolar amino acid transporter 1
maker-4-augustus-gene-241.68-mRNA-1	Indica	NA				RecBCD enzyme subunit RecB, P-loop containing nucleoside triphosphate hy
maker-4-augustus-gene-244.0-mRNA-1	Indica	NA				DNA replication ATP-dependent helicase/nuclease

maker-4-augustus-gene-249.38-mRNA-1	Indica	NA		Os04g0600400	OsR498G0409221000.01.T01	Baculoviral IAP repeat-containing protein 1a
maker-4-augustus-gene-249.41-mRNA-1	Indica	Indica		Os02g0700700	OsR498G0409221200.01.T03	Protein BREVIS RADIX
maker-4-augustus-gene-249.7-mRNA-1	Indica	NA				UvrD-helicase domain-containing protein (Fragment)
maker-4-augustus-gene-254.30-mRNA-1	Indica	NA		Os04g0608400	OsR498G0409250300.01.T01	Nuclear pore complex protein NUP88
maker-4-augustus-gene-254.34-mRNA-1	Indica	NA		Os04g0608800	OsR498G0409252300.01.T01	Evolutionarily conserved C-terminal region 10
maker-4-augustus-gene-254.37-mRNA-1	Indica	NA		Os04g0607600	OsR498G0409246400.01.T03	Probable cation transporter HKT7
maker-4-augustus-gene-254.53-mRNA-1	Indica	NA			OsR498G0409251200.01.T01	probable nucleoredoxin 3
maker-4-augustus-gene-255.17-mRNA-1	Indica	NA		Os04g0609700	OsR498G0409256800.01.T04	PHD-type domain-containing protein
maker-4-augustus-gene-255.7-mRNA-1	Indica	NA	Kinase-TM	Os04g0608900	OsR498G0409252600.01.T01	serine/threonine-protein kinase STY13
maker-4-augustus-gene-262.27-mRNA-1	Indica	Indica	Kinase-TM	Os11g0692100	OsR498G0407758000.01.T01	Bacterial blight resistance protein XA26
maker-4-augustus-gene-263.39-mRNA-1	Indica	NA			OsR498G0407881700.01.T01	Transposon protein, putative, Mutator sub-class
maker-4-augustus-gene-267.54-mRNA-1	Indica	Indica		Os04g0630800	OsR498G0409329100.01.T02	Epimerase domain-containing protein (Fragment)
maker-4-augustus-gene-267.55-mRNA-1	Indica	Indica		Os04g0631000	OsR498G0409329500.01.T01	Epimerase domain-containing protein
maker-4-augustus-gene-267.58-mRNA-1	Indica	NA				Epimerase domain-containing protein (Fragment)
maker-4-augustus-gene-268.3-mRNA-1	Indica	NA	Kinase-TM	Os04g0631800	OsR498G0409332600.01.T02	Serine/threonine-protein kinase
maker-4-augustus-gene-268.39-mRNA-1	Indica	Japonica	Kinase-TM	Os04g0634000	OsR498G0409338400.01.T01	G-type lectin S-receptor-like serine/threonine-protein kinase
maker-4-augustus-gene-268.7-mRNA-1	Indica	NA	Kinase-TM	Os04g0632100	OsR498G0409332800.01.T04	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-278.31-mRNA-1	Indica	NA		Os04g0652900	OsR498G0409400600.01.T04	Aminoacyl-tRNA hydrolase
maker-4-augustus-gene-278.7-mRNA-1	Indica	NA				Aspergillus nuclease S(1)
maker-4-augustus-gene-28.36-mRNA-1	Indica	NA			OsR498G1019263000.01.T04	Serrate RNA effector molecule (Fragment)
maker-4-augustus-gene-28.42-mRNA-1	Indica	NA		Os04g0218900	OsR498G0407752500.01.T03	TRAF-type domain-containing protein
maker-4-augustus-gene-28.48-mRNA-1	Indica	NA				
maker-4-augustus-gene-280.15-mRNA-1	Indica	NA		Os04g0656500	OsR498G0409415100.01.T01	Squamosa promoter-binding-like protein 8
maker-4-augustus-gene-284.21-mRNA-1	Indica	NA			OsR498G0409438800.01.T01	Homeobox domain-containing protein (Fragment)
maker-4-augustus-gene-284.23-mRNA-1	Indica	NA		Os04g0663700	OsR498G0409439800.01.T03	TLDc domain-containing protein (Fragment)
maker-4-augustus-gene-284.27-mRNA-1	Indica	NA			OsR498G0409440000.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-4-augustus-gene-285.0-mRNA-1	Indica	NA		Os04g0665000	OsR498G0409445100.01.T01	cytochrome c oxidase-assembly factor COX23, mitochondrial
maker-4-augustus-gene-285.17-mRNA-1	Indica	NA			OsR498G0409445000.01.T04	Beta-fructofuranosidase, insoluble isoenzyme 6
maker-4-augustus-gene-285.21-mRNA-1	Indica	NA		Os04g0665200	OsR498G0409445400.01.T02	Indole-3-acetate O-methyltransferase 1
maker-4-augustus-gene-285.7-mRNA-1	Indica	NA		Os04g0665700	OsR498G0409449300.01.T02	Putative plastid-lipid-associated protein 13 chloroplastic
maker-4-augustus-gene-286.22-mRNA-1	Indica	NA		Os04g0666900	OsR498G0409453600.01.T03	Kinesin-like calmodulin-binding protein (ZWICHEL) isoform 4
maker-4-augustus-gene-29.0-mRNA-1	Indica	NA		Os04g0220300		Wall-associated receptor kinase-like 16
maker-4-augustus-gene-30.0-mRNA-1	Indica	NA		Os04g0221000	OsR498G0407755400.01.T01	
maker-4-augustus-gene-30.4-mRNA-1	Indica	NA		Os04g0221600	OsR498G0407756000.01.T02	PHD domain-containing protein
maker-4-augustus-gene-31.39-mRNA-1	Indica	Indica	Kinase-TM	Os11g0692100	OsR498G0407758000.01.T01	Receptor kinase MRKa
maker-4-augustus-gene-33.0-mRNA-1	Indica	NA				Vacuolar protein sorting-associated protein 33 like
maker-4-augustus-gene-33.11-mRNA-1	Indica	NA		Os04g0223901	OsR498G0407762400.01.T01	Flavin-containing monooxygenase
maker-4-augustus-gene-33.6-mRNA-1	Indica	NA		Os04g0223300	OsR498G0407761800.01.T01	L-ascorbate peroxidase
maker-4-augustus-gene-34.0-mRNA-1	Indica	NA		Os04g0224600	OsR498G0407764000.01.T02	SEC1 family transport protein SLY1-like
maker-4-augustus-gene-34.4-mRNA-1	Indica	Indica		Os04g0224900	OsR498G0407764800.01.T05	Glycerol-3-phosphate dehydrogenase
maker-4-augustus-gene-62.50-mRNA-1	Indica	NA			OsR498G0407924400.01.T01	FMN-linked oxidoreductase superfamily protein
maker-4-augustus-gene-63.3-mRNA-1	Indica	NA				CYTH domain-containing protein
maker-4-augustus-gene-63.7-mRNA-1	Indica	Japonica		Os04g0280500	OsR498G0407926900.01.T01	F-box domain-containing protein
maker-4-augustus-gene-64.0-mRNA-1	Indica	NA		Os04g0282200	OsR498G0407930900.01.T03	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase epsilon-1
maker-4-augustus-gene-64.2-mRNA-1	Indica	Indica		Os04g0282400	OsR498G0407932400.01.T02	Flowering-promoting factor 1
maker-4-augustus-gene-68.40-mRNA-1	Indica	Japonica		Os04g0288100	OsR498G0816248400.01.T01	Germin-like protein 8-14
maker-4-augustus-gene-86.32-mRNA-1	Indica	NA	CC-NBS-TM		OsR498G0408112900.01.T01	Putative NBS-LRR class RGA
maker-4-augustus-gene-89.4-mRNA-1	Indica	NA		Os10g0343500		
maker-4-augustus-gene-92.18-mRNA-1	Indica	NA		Os04g0321800	OsR498G0408083400.01.T01	PPM-type phosphatase domain-containing protein
maker-4-augustus-gene-97.3-mRNA-1	Indica	NA		Os04g0326300	OsR498G0408118000.01.T02	tRNA (adenine(58)-N(1))-methyltransferase
maker-5-augustus-gene-12.3-mRNA-1	Indica	NA			OsR498G0714022200.01.T01	
maker-5-augustus-gene-12.5-mRNA-1	Indica	NA				Ulp1 protease family, C-terminal catalytic domain containing protein, expres
maker-5-augustus-gene-138.19-mRNA-1	Indica	NA		Os05g0302300	OsR498G0510395600.01.T01	Lysine-specific demethylase
maker-5-augustus-gene-139.10-mRNA-1	Indica	NA			OsR498G0510403200.01.T01	RRM domain-containing protein
maker-5-augustus-gene-139.6-mRNA-1	Indica	NA			OsR498G0510402900.01.T01	RRM domain-containing protein (Fragment)
maker-5-augustus-gene-139.8-mRNA-1	Indica	NA		Os05g0302700	OsR498G0510399200.01.T02	ADP ATP carrier protein 3 mitochondrial
maker-5-augustus-gene-140.0-mRNA-1	Indica	NA		Os05g0304400	OsR498G0510406900.01.T01	Guanosine nucleotide diphosphate dissociation inhibitor
maker-5-augustus-gene-140.10-mRNA-1	Indica	Japonica		Os05g0304200	OsR498G1120445500.01.T02	Plastid-lipid-associated protein 6, chloroplastic
maker-5-augustus-gene-140.7-mRNA-1	Indica	NA		Os05g0304600	OsR498G0510408500.01.T01	Lipoxygenase
maker-5-augustus-gene-140.9-mRNA-1	Indica	NA		Os05g0319900	OsR498G0510483800.01.T01	Endo-1,4-beta-xylanase
maker-5-augustus-gene-141.0-mRNA-1	Indica	NA		Os05g0305100	OsR498G0510411900.01.T02	Transcription factor IIIB subunit

maker-5-augustus-gene-141.16-mRNA-1	Indica	Indica		Os05g0304900	OsR498G0510410400.01.T02	GH10 domain-containing protein (Fragment)
maker-5-augustus-gene-146.0-mRNA-1	Indica	NA		Os08g0299000	OsR498G0815695900.01.T05	UPF0103/Mediator of ErbB2-driven cell motility (Memo-related)
maker-5-augustus-gene-156.0-mRNA-1	Indica	NA		Os05g0326650		DUF659 domain-containing protein
maker-5-augustus-gene-156.1-mRNA-1	Indica	NA		Os05g0326650		DUF659 domain-containing protein
maker-5-augustus-gene-156.4-mRNA-1	Indica	Japonica		Os05g0327100	OsR498G1221921500.01.T05	Pumilio/PUF RNA binding protein 6
maker-5-augustus-gene-161.0-mRNA-1	Indica	NA		Os05g0331200	OsR498G0510525000.01.T01	External alternative NAD(P)H-ubiquinone oxidoreductase B3, mitochondrial
maker-5-augustus-gene-162.1-mRNA-1	Indica	NA		Os07g0212400		HGWP repeat containing protein-like
maker-5-augustus-gene-162.17-mRNA-1	Indica	NA			OsR498G0510534010.01.T01	YTH domain-containing protein
maker-5-augustus-gene-162.19-mRNA-1	Indica	NA		Os05g0334400	OsR498G0510534000.01.T01	Heat shock protein DnaJ
maker-5-augustus-gene-162.8-mRNA-1	Indica	NA		Os05g0333200	OsR498G0510532800.01.T01	Guanine nucleotide-binding protein alpha-1 subunit
maker-5-augustus-gene-163.0-mRNA-1	Indica	NA				Saposin B-type domain-containing protein
maker-5-augustus-gene-163.1-mRNA-1	Indica	NA		Os05g0334400	OsR498G0510534000.01.T01	Heat shock protein DnaJ
maker-5-augustus-gene-163.15-mRNA-1	Indica	NA			OsR498G0510541400.01.T08	Phospholipid-transporting ATPase
maker-5-augustus-gene-164.35-mRNA-1	Indica	NA				Retrotransposon protein, putative, unclassified
maker-5-augustus-gene-164.37-mRNA-1	Indica	NA				Putative peptide/nitrate transporter
maker-5-augustus-gene-164.41-mRNA-1	Indica	NA		Os05g0337200	OsR498G0510547400.01.T01	Transcription factor bHLH61 like
maker-5-augustus-gene-164.43-mRNA-1	Indica	NA				Polynucleotidyl transferase, ribonuclease H-like superfamily protein, putative
maker-5-augustus-gene-165.31-mRNA-1	Indica	Indica		Os05g0338933	OsR498G0510554500.01.T01	Nitrate excretion transporter 1
maker-5-augustus-gene-165.35-mRNA-1	Indica	Japonica		Os05g0339200	OsR498G0510555700.01.T02	SAM domain-containing protein
maker-5-augustus-gene-165.37-mRNA-1	Indica	NA			OsR498G0510554800.01.T02	GAT domain-containing protein
maker-5-augustus-gene-166.36-mRNA-1	Indica	NA		Os05g0341600	OsR498G0510561200.01.T01	Ras-related protein Rab-21
maker-5-augustus-gene-167.32-mRNA-1	Indica	NA		Os12g0275500	OsR498G1221283500.01.T01	
maker-5-augustus-gene-169.33-mRNA-1	Indica	NA			OsR498G0510592600.01.T01	NADH dehydrogenase-like complex L
maker-5-augustus-gene-171.2-mRNA-1	Indica	NA			OsR498G0510583100.01.T01	Cellular retinaldehyde binding/alpha-tocopherol transport
maker-5-augustus-gene-172.0-mRNA-1	Indica	NA		Os05g0349700	OsR498G0510598100.01.T06	Chlorophyll synthase chloroplastic
maker-5-augustus-gene-172.19-mRNA-1	Indica	NA		Os05g0349500	OsR498G0510597400.01.T02	Nuclear pore complex protein NUP50A
maker-5-augustus-gene-172.20-mRNA-1	Indica	NA		Os05g0349800	OsR498G0510598400.01.T02	Em protein H2
maker-5-augustus-gene-172.9-mRNA-1	Indica	Indica		Os07g0693500	OsR498G0510595800.01.T01	AMP deaminase
maker-5-augustus-gene-173.21-mRNA-1	Indica	NA		Os05g0350500	OsR498G0510601700.01.T01	ERBB-3 BINDING PROTEIN 1
maker-5-augustus-gene-173.26-mRNA-1	Indica	NA		Os05g0350600	OsR498G0510602300.01.T01	Ran-binding protein c
maker-5-augustus-gene-173.29-mRNA-1	Indica	NA		Os05g0350700	OsR498G0510602900.01.T02	Serine/arginine repetitive matrix protein 2 isoform 4
maker-5-augustus-gene-180.36-mRNA-1	Indica	NA		Os05g0361500	OsR498G0510656300.01.T01	Pectinesterase
maker-5-augustus-gene-181.6-mRNA-1	Indica	NA				Putative E3 ubiquitin-protein ligase LIN-1
maker-5-augustus-gene-182.18-mRNA-1	Indica	NA		Os05g0364600	OsR498G0510668900.01.T03	Arginine/serine-rich splicing factor SR30 transcript VI
maker-5-augustus-gene-182.23-mRNA-1	Indica	Indica		Os01g0586600	OsR498G0510669100.01.T01	SNF1-related protein kinase regulatory subunit gamma 1
maker-5-augustus-gene-182.25-mRNA-1	Indica	NA		Os01g0597400	OsR498G0101422900.01.T01	Amino acid/polyamine transporter II
maker-5-augustus-gene-183.21-mRNA-1	Indica	NA		Os05g0366000	OsR498G0510676300.01.T03	Sinigrinase
maker-5-augustus-gene-183.3-mRNA-1	Indica	NA				Beta-glucosidase 20-like isoform X1
maker-5-augustus-gene-183.6-mRNA-1	Indica	Indica		Os05g0366000	OsR498G0510674700.01.T01	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucoside beta
maker-5-augustus-gene-184.0-mRNA-1	Indica	Indica		Os05g0366000	OsR498G0510676700.01.T01	Beta-glucosidase 20
maker-5-augustus-gene-184.2-mRNA-1	Indica	NA		Os05g0366300	OsR498G0510677300.01.T03	C2 domain-containing protein / GRAM domain-containing protein isoform 1
maker-5-augustus-gene-184.6-mRNA-1	Indica	NA		Os05g0366600	OsR498G0510677900.01.T01	Non-cyanogenic beta-glucosidase
maker-5-augustus-gene-185.12-mRNA-1	Indica	NA		Os05g0367400	OsR498G0510680800.01.T01	Thiamine pyrophosphokinase
maker-5-augustus-gene-186.0-mRNA-1	Indica	NA		Os05g0368300	OsR498G0510685100.01.T01	S4 RNA-binding domain-containing protein (Fragment)
maker-5-augustus-gene-188.24-mRNA-1	Indica	NA		Os05g0371200	OsR498G0510696700.01.T01	26S proteasome regulatory subunit RPN11
maker-5-augustus-gene-188.30-mRNA-1	Indica	Indica	Kinase	Os01g0936100	OsR498G0510698900.01.T01	Serine/threonine-protein kinase PBL27
maker-5-augustus-gene-188.34-mRNA-1	Indica	NA		Os05g0370700	OsR498G0510694200.01.T01	AB hydrolase-1 domain-containing protein (Fragment)
maker-5-augustus-gene-188.36-mRNA-1	Indica	Indica		Os05g0370700	OsR498G0510694600.01.T01	Salicylic acid-binding protein 2
maker-5-augustus-gene-188.38-mRNA-1	Indica	Japonica		Os05g0371100	OsR498G0510695800.01.T02	CW-type domain-containing protein
maker-5-augustus-gene-188.44-mRNA-1	Indica	NA	Kinase-TM		OsR498G0510697600.01.T02	Receptor-like protein kinase ANXUR1
maker-5-augustus-gene-188.47-mRNA-1	Indica	NA		Os05g0372000	OsR498G0510698400.01.T01	Succinate dehydrogenase subunit 4 mitochondrial
maker-5-augustus-gene-189.0-mRNA-1	Indica	NA		Os05g0372300	OsR498G0510699300.01.T01	Cytochrome P450 family 72 subfamily A polypeptide 8
maker-5-augustus-gene-189.12-mRNA-1	Indica	NA		Os05g0373400	OsR498G0510703100.01.T01	RNA-binding protein BRN1
maker-5-augustus-gene-189.17-mRNA-1	Indica	NA		Os05g0373700	OsR498G0510704100.01.T01	NAC-A/B domain-containing protein (Fragment)
maker-5-augustus-gene-189.2-mRNA-1	Indica	NA		Os05g0372800	OsR498G0510700100.01.T01	F-box domain-containing protein (Fragment)
maker-5-augustus-gene-189.20-mRNA-1	Indica	NA		Os05g0372400	OsR498G0510699600.01.T02	probable feruloyl esterase A
maker-5-augustus-gene-189.25-mRNA-1	Indica	NA			OsR498G0510701600.01.T01	Enolase-phosphatase E1-like
maker-5-augustus-gene-189.27-mRNA-1	Indica	NA		Os05g0373000	OsR498G0510701800.01.T01	Vesicle-associated protein 2-2
maker-5-augustus-gene-189.32-mRNA-1	Indica	Indica		Os01g0938600	OsR498G0510703600.01.T01	Tyrosine-protein phosphatase non-receptor type 23-like
maker-5-augustus-gene-189.5-mRNA-1	Indica	NA		Os05g0373300	OsR498G0510702700.01.T03	VWFA domain-containing protein
maker-5-augustus-gene-19.2-mRNA-1	Indica	NA		Os08g0448900		ATP-dependent DNA helicase

maker-5-augustus-gene-190.0-mRNA-1	Indica	NA		Os05g0374200	OsR498G0510705500.01.T01	Cytokinin dehydrogenase
maker-5-augustus-gene-190.3-mRNA-1	Indica	NA			OsR498G0510706700.01.T01	Heat shock protein DnaJ with tetratricopeptide repeat
maker-5-augustus-gene-190.8-mRNA-1	Indica	Indica		Os01g0940100	OsR498G0510709000.01.T01	Phosphotransferase
maker-5-augustus-gene-191.54-mRNA-1	Indica	Japonica		Os05g0376501	OsR498G0408835700.01.T02	Integral membrane transporter-like protein
maker-5-augustus-gene-20.9-mRNA-1	Indica	NA		Os05g0134800	OsR498G0509684100.01.T01	Peroxidase
maker-5-augustus-gene-204.20-mRNA-1	Indica	NA			OsR498G0510795700.01.T01	Gdsl esteraselipase
maker-5-augustus-gene-204.24-mRNA-1	Indica	NA			OsR498G0510796500.01.T04	23 kDa subunit of oxygen evolving system of photosystem II
maker-5-augustus-gene-204.32-mRNA-1	Indica	NA		Os05g0401100	OsR498G0510796000.01.T01	UPF0603 protein, chloroplastic
maker-5-augustus-gene-204.34-mRNA-1	Indica	NA			OsR498G0510796200.01.T02	Guanine nucleotide-binding protein-like 3-like protein
maker-5-augustus-gene-205.0-mRNA-1	Indica	NA				Putative alpha-ketoglutarate-dependent dioxygenase ABH5 (Fragment)
maker-5-augustus-gene-212.34-mRNA-1	Indica	Indica		Os05g0410900	OsR498G0510828700.01.T01	Putative proton-dependent oligopeptide transporter (POT)
maker-5-augustus-gene-212.36-mRNA-1	Indica	NA			OsR498G0510830700.01.T01	SUZ domain-containing protein
maker-5-augustus-gene-212.42-mRNA-1	Indica	Indica		Os05g0411200	OsR498G0510829000.01.T03	Putative endonuclease or glycosyl hydrolase
maker-5-augustus-gene-212.51-mRNA-1	Indica	Indica		Os05g0411300	OsR498G0510829200.01.T01	BZIP transcription factor
maker-5-augustus-gene-213.0-mRNA-1	Indica	NA		Os05g0413200	OsR498G0510837700.01.T02	Tubulin beta chain
maker-5-augustus-gene-213.15-mRNA-1	Indica	NA		Os05g0414400		DUF659 domain-containing protein
maker-5-augustus-gene-213.3-mRNA-1	Indica	NA		Os05g0413400	OsR498G0510838300.01.T01	Isopentenyl-diphosphate Delta-isomerase
maker-5-augustus-gene-213.7-mRNA-1	Indica	NA			OsR498G0510836400.01.T01	Glutathione S-transferase GST 41
maker-5-augustus-gene-213.9-mRNA-1	Indica	NA			OsR498G0510840800.01.T01	TFIIIS N-terminal domain-containing protein
maker-5-augustus-gene-214.30-mRNA-1	Indica	NA			OsR498G0510844100.01.T01	Glutathione gamma-glutamylcysteinyltransferase
maker-5-augustus-gene-214.34-mRNA-1	Indica	NA		Os05g0415700	OsR498G0510845100.01.T03	Beta-N-acetylhexosaminidase
maker-5-augustus-gene-214.38-mRNA-1	Indica	NA			OsR498G0510845300.01.T01	Obtusifoliol 14-alpha demethylase
maker-5-augustus-gene-214.40-mRNA-1	Indica	NA	Kinase-LRR-TM	Os05g0414700	OsR498G0510843600.01.T02	Serine/threonine protein kinase
maker-5-augustus-gene-214.45-mRNA-1	Indica	NA			OsR498G0510845000.01.T04	
maker-5-augustus-gene-215.38-mRNA-1	Indica	NA		Os05g0417300	OsR498G0510850300.01.T01	RPA-interacting protein B
maker-5-augustus-gene-215.41-mRNA-1	Indica	NA		Os05g0417000	OsR498G0510848800.01.T01	LOB domain-containing protein 6
maker-5-augustus-gene-216.28-mRNA-1	Indica	NA		Os05g0418000	OsR498G0510853700.01.T01	Guanosine nucleotide diphosphate dissociation inhibitor
maker-5-augustus-gene-216.40-mRNA-1	Indica	Indica		Os05g0418100	OsR498G0510854000.01.T02	
maker-5-augustus-gene-23.30-mRNA-1	Indica	NA		Os05g0140100	OsR498G0509709100.01.T03	MYB18 transcription factor
maker-5-augustus-gene-23.33-mRNA-1	Indica	NA		Os05g0140333	OsR498G0509709900.01.T01	Bromodomain adjacent to zinc finger domain protein 2B-like
maker-5-augustus-gene-247.14-mRNA-1	Indica	NA	Kinase-LRR-TM	Os05g0481100	OsR498G0511055300.01.T09	Putative LRR receptor-like serine/threonine-protein kinase-like
maker-5-augustus-gene-247.29-mRNA-1	Indica	NA	Kinase-LRR-TM	Os05g0480400	OsR498G0511051800.01.T01	Putative inactive receptor kinase
maker-5-augustus-gene-25.84-mRNA-1	Indica	NA		Os05g0145000	OsR498G0509725000.01.T01	E3 ubiquitin-protein ligase SIS3
maker-5-augustus-gene-26.18-mRNA-1	Indica	NA		Os05g0146900		PDZ domain-containing protein
maker-5-augustus-gene-266.6-mRNA-1	Indica	Indica		Os05g0514500	OsR498G0511177100.01.T01	
maker-5-augustus-gene-27.65-mRNA-1	Indica	NA			OsR498G0509732600.01.T01	BRCT domain-containing DNA repair protein
maker-5-augustus-gene-274.13-mRNA-1	Indica	NA		Os05g0531200	OsR498G0511234900.01.T01	Non-classical arabinogalactan protein 31
maker-5-augustus-gene-280.0-mRNA-1	Indica	NA			OsR498G0511269300.01.T01	Transcription factor bHLH87
maker-5-augustus-gene-280.2-mRNA-1	Indica	Indica		Os05g0541800	OsR498G0511270300.01.T02	Jacalin-type lectin domain-containing protein (Fragment)
maker-5-augustus-gene-280.25-mRNA-1	Indica	Indica		Os01g0706500	OsR498G0511270600.01.T01	60S ribosomal protein l28
maker-5-augustus-gene-281.0-mRNA-1	Indica	NA		Os05g0543600	OsR498G0511275900.01.T01	Leucine-rich repeat and WD repeat-containing protein 1 (Fragment)
maker-5-augustus-gene-281.18-mRNA-1	Indica	NA				J domain-containing protein
maker-5-augustus-gene-281.2-mRNA-1	Indica	NA		Os05g0545000	OsR498G0511280900.01.T06	CRAL-TRIO domain-containing protein
maker-5-augustus-gene-281.21-mRNA-1	Indica	Indica		Os01g0700200	OsR498G0511281600.01.T02	Brevis radix-like domain-containing protein
maker-5-augustus-gene-281.8-mRNA-1	Indica	NA		Os05g0543700	OsR498G0511276200.01.T01	J domain-containing protein
maker-5-augustus-gene-282.58-mRNA-1	Indica	Japonica		Os05g0545900	OsR498G0511285100.01.T01	
maker-5-augustus-gene-282.60-mRNA-1	Indica	NA			OsR498G0511285500.01.T01	
maker-5-augustus-gene-282.62-mRNA-1	Indica	NA		Os07g0513300	OsR498G0100612800.01.T01	PMD domain-containing protein (Fragment)
maker-5-augustus-gene-282.65-mRNA-1	Indica	NA		Os05g0546600	OsR498G0511284300.01.T01	FHA domain-containing protein DDL
maker-5-augustus-gene-282.67-mRNA-1	Indica	Japonica		Os05g0546800	OsR498G0511285100.01.T01	
maker-5-augustus-gene-282.72-mRNA-1	Indica	Japonica		Os05g0546500	OsR498G0511286400.01.T02	Double-stranded DNA-binding family protein (Fragment)
maker-5-augustus-gene-282.74-mRNA-1	Indica	NA		Os05g0547850	OsR498G0511286400.01.T01	Double-stranded DNA-binding family protein
maker-5-augustus-gene-283.0-mRNA-1	Indica	NA			OsR498G0511287500.01.T01	ABC transporter B family member 9
maker-5-augustus-gene-283.30-mRNA-1	Indica	NA		Os05g0549000	OsR498G0511289200.01.T02	ENTH domain-containing protein
maker-5-augustus-gene-283.37-mRNA-1	Indica	NA	Kinase-TM	Os05g0549100	OsR498G0511289600.01.T01	Serine/threonine-protein kinase SNT7
maker-5-augustus-gene-283.4-mRNA-1	Indica	NA			OsR498G0511287900.01.T01	ABC transporter B family member 9
maker-5-augustus-gene-284.29-mRNA-1	Indica	NA	Kinase-TM		OsR498G0511296500.01.T02	Wall-associated kinase
maker-5-augustus-gene-284.33-mRNA-1	Indica	NA				RING finger and CHY zinc finger domain-containing protein 1
maker-5-augustus-gene-284.53-mRNA-1	Indica	NA		Os05g0551350		Formin-like protein 5
maker-5-augustus-gene-284.55-mRNA-1	Indica	NA		Os05g0551500	OsR498G0511300200.01.T01	
maker-5-augustus-gene-285.33-mRNA-1	Indica	NA		Os05g0551600	OsR498G0511300500.01.T01	Formin-like protein 18

maker-5-augustus-gene-285.36-mRNA-1	Indica	NA		Os05g0552400	OsR498G0511303700.01.T02	RING-CH-type domain-containing protein (Fragment)
maker-5-augustus-gene-286.17-mRNA-1	Indica	NA		Os05g0554500	OsR498G0511313100.01.T02	CDP-diacylglycerol--serine O-phosphatidyltransferase 2
maker-5-augustus-gene-286.26-mRNA-1	Indica	NA		Os05g0555000	OsR498G0511315400.01.T01	
maker-5-augustus-gene-286.7-mRNA-1	Indica	Indica		Os01g0684900	OsR498G0511311900.01.T01	Protein DETOXIFICATION
maker-5-augustus-gene-287.38-mRNA-1	Indica	NA		Os05g0556000	OsR498G0511319100.01.T01	Oxoglutarate/iron-dependent dioxygenase
maker-5-augustus-gene-287.48-mRNA-1	Indica	Japonica		Os05g0556500	OsR498G0511320500.01.T02	Mediator of RNA polymerase II transcription subunit 1-like
maker-5-augustus-gene-287.65-mRNA-1	Indica	NA			OsR498G0511323500.01.T03	ARM repeat superfamily protein (Fragment)
maker-5-augustus-gene-287.68-mRNA-1	Indica	NA		Os05g0556100	OsR498G0511319400.01.T01	Dynamin-related protein 5A
maker-5-augustus-gene-288.38-mRNA-1	Indica	NA		Os05g0558400	OsR498G0511327300.01.T04	Branched-chain-amino-acid aminotransferase
maker-5-augustus-gene-288.69-mRNA-1	Indica	NA		Os05g0558900	OsR498G0511329100.01.T01	Phenylalanine--tRNA ligase beta subunit cytoplasmic
maker-5-augustus-gene-288.74-mRNA-1	Indica	NA		Os05g0557600	OsR498G0511324400.01.T01	Ubiquitin-conjugating enzyme
maker-5-augustus-gene-288.79-mRNA-1	Indica	NA			OsR498G0511325000.01.T01	probable ubiquitin-conjugating enzyme E2 24 isoform X3
maker-5-augustus-gene-288.81-mRNA-1	Indica	NA		Os05g0557800	OsR498G0511325400.01.T01	Large subunit ribosomal protein L21
maker-5-augustus-gene-288.85-mRNA-1	Indica	NA		Os05g0557900	OsR498G0511325600.01.T03	Alpha/beta-Hydrolases superfamily protein (Fragment)
maker-5-augustus-gene-289.31-mRNA-1	Indica	NA		Os05g0559600	OsR498G0511331900.01.T02	Glycosyltransferases
maker-5-augustus-gene-289.34-mRNA-1	Indica	NA		Os05g0560000	OsR498G0511332700.01.T01	Photosystem I reaction center subunit VI like
maker-5-augustus-gene-289.50-mRNA-1	Indica	NA		Os05g0559900	OsR498G0511332400.01.T05	Golgin candidate 5
maker-5-augustus-gene-289.56-mRNA-1	Indica	NA		Os05g0560100	OsR498G0511333400.01.T01	PRONE domain
maker-5-augustus-gene-289.59-mRNA-1	Indica	NA	Kinase-TM	Os05g0560300	OsR498G0511334000.01.T02	Protein MALE DISCOVERER 1
maker-5-augustus-gene-290.0-mRNA-1	Indica	Indica		Os05g0561600	OsR498G0511339900.01.T01	Hydroxyproline-rich glycoprotein family protein
maker-5-augustus-gene-290.13-mRNA-1	Indica	NA		Os05g0562200	OsR498G0511341400.01.T01	Drought-induced 19
maker-5-augustus-gene-290.17-mRNA-1	Indica	NA		Os05g0562300	OsR498G0511341800.01.T01	Chaperone protein dnaJ 3
maker-5-augustus-gene-290.19-mRNA-1	Indica	Indica		Os05g0562400	OsR498G0511342000.01.T01	Putative homeodomain-like transcription factor superfamily protein (Fragment)
maker-5-augustus-gene-290.2-mRNA-1	Indica	NA		Os05g0560900	OsR498G0511337200.01.T01	Gibberellin 2-beta-dioxygenase
maker-5-augustus-gene-290.4-mRNA-1	Indica	NA				3-deoxy-manno-octulosonate cytidylyltransferase, mitochondrial
maker-5-augustus-gene-290.7-mRNA-1	Indica	NA			OsR498G0511340800.01.T01	
maker-5-augustus-gene-290.9-mRNA-1	Indica	NA			OsR498G0511341200.01.T03	zf-Di19 domain-containing protein
maker-5-augustus-gene-291.0-mRNA-1	Indica	NA		Os05g0563000	OsR498G0511343100.01.T01	NAC domain-containing protein 8
maker-5-augustus-gene-291.13-mRNA-1	Indica	NA			OsR498G0511346000.01.T01	E3 SUMO-protein like
maker-5-augustus-gene-291.17-mRNA-1	Indica	NA			OsR498G0511348000.01.T06	
maker-5-augustus-gene-291.2-mRNA-1	Indica	NA		Os05g0563400	OsR498G0511345700.01.T09	Auxin response factor
maker-5-augustus-gene-291.9-mRNA-1	Indica	NA			OsR498G0511343400.01.T01	GB1/RHD3-type G domain-containing protein
maker-5-augustus-gene-292.0-mRNA-1	Indica	NA		Os05g0564300	OsR498G0511348700.01.T04	E3 ubiquitin-protein ligase arkadia isoform X2
maker-5-augustus-gene-292.10-mRNA-1	Indica	NA		Os05g0565000	OsR498G0511350900.01.T01	Urease accessory protein G
maker-5-augustus-gene-292.13-mRNA-1	Indica	NA		Os05g0565100	OsR498G0511351300.01.T01	Cytochrome b561 domain-containing protein
maker-5-augustus-gene-292.15-mRNA-1	Indica	NA		Os05g0565200	OsR498G0511351500.01.T01	cobW domain-containing protein (Fragment)
maker-5-augustus-gene-292.18-mRNA-1	Indica	Japonica		Os05g0565900	OsR498G0511354100.01.T01	WRKY transcription factor
maker-5-augustus-gene-292.21-mRNA-1	Indica	NA		Os05g0564400	OsR498G0511349200.01.T01	Ran GTPase
maker-5-augustus-gene-292.4-mRNA-1	Indica	Indica		Os05g0564500	OsR498G0511349700.01.T01	Homeobox domain
maker-5-augustus-gene-292.7-mRNA-1	Indica	NA			OsR498G0511350700.01.T01	Hydroxyacylglutathione hydrolase 3, mitochondrial
maker-5-augustus-gene-293.41-mRNA-1	Indica	NA			OsR498G0511354700.01.T01	Ribosome maturation factor rimM
maker-5-augustus-gene-293.45-mRNA-1	Indica	NA		Os02g0102850	OsR498G0612917800.01.T09	
maker-5-augustus-gene-293.47-mRNA-1	Indica	NA		Os05g0566900	OsR498G0511357700.01.T03	GBF-interacting protein 1
maker-5-augustus-gene-293.53-mRNA-1	Indica	NA		Os05g0567100		Aspartic acid protease
maker-5-augustus-gene-293.55-mRNA-1	Indica	NA			OsR498G0511358500.01.T01	WRKY transcription factor
maker-5-augustus-gene-293.57-mRNA-1	Indica	NA		Os05g0567400	OsR498G0511358900.01.T01	Putative rRNA methyltransferase
maker-5-augustus-gene-293.62-mRNA-1	Indica	NA			OsR498G0511359700.01.T04	MFS domain-containing protein (Fragment)
maker-5-augustus-gene-293.67-mRNA-1	Indica	NA		Os05g0567800	OsR498G0511360100.01.T04	Sugar transporter protein ERD6-S
maker-5-augustus-gene-293.78-mRNA-1	Indica	Indica		Os05g0566600	OsR498G0511356200.01.T03	Endosulphine
maker-5-augustus-gene-293.80-mRNA-1	Indica	NA		Os05g0566800	OsR498G0511356600.01.T02	Cold-regulated inner membrane protein 2, chloroplastic
maker-5-augustus-gene-293.83-mRNA-1	Indica	NA			OsR498G0511358800.01.T01	GTP-binding protein era, putative
maker-5-augustus-gene-294.44-mRNA-1	Indica	NA		Os05g0568100	OsR498G0511362900.01.T01	Iron-sulfur cluster assembly protein 1
maker-5-augustus-gene-294.48-mRNA-1	Indica	NA		Os05g0568200	OsR498G0511363300.01.T01	MYB-related transcription factor
maker-5-augustus-gene-294.50-mRNA-1	Indica	NA		Os05g0569200	OsR498G0511366100.01.T01	Multidrug resistance-associated protein 14 isoform 1
maker-5-augustus-gene-294.52-mRNA-1	Indica	NA		Os05g0569300	OsR498G0511366500.01.T01	G-box binding factor
maker-5-augustus-gene-294.58-mRNA-1	Indica	Indica		Os01g0658700	OsR498G0511367100.01.T01	Glucose-6-phosphate 1-epimerase
maker-5-augustus-gene-294.62-mRNA-1	Indica	NA		Os05g0569500	OsR498G0511367500.01.T01	Oil body-associated protein like
maker-5-augustus-gene-294.64-mRNA-1	Indica	Indica		Os01g0662800	OsR498G0511360600.01.T01	GATA transcription factor 19
maker-5-augustus-gene-294.66-mRNA-1	Indica	NA		Os05g0568900	OsR498G0511365200.01.T02	DegP protease 1 isoform 1
maker-5-augustus-gene-294.71-mRNA-1	Indica	NA				
maker-5-augustus-gene-294.74-mRNA-1	Indica	Indica		Os05g0569700	OsR498G0511370300.01.T01	CTP synthase (glutamine hydrolyzing)

maker-5-augustus-gene-295.11-mRNA-1	Indica	NA		Os05g0570900	OsR498G0511371400.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-5-augustus-gene-295.13-mRNA-1	Indica	NA		Os05g0571000	OsR498G0511371600.01.T02	Protein SUPPRESSOR OF PHVA-105 1
maker-5-augustus-gene-295.2-mRNA-1	Indica	NA				B-block binding subunit of TFIIC
maker-5-augustus-gene-295.4-mRNA-1	Indica	NA		Os05g0569800	OsR498G0511368600.01.T02	THO complex subunit 7
maker-5-augustus-gene-295.6-mRNA-1	Indica	Indica		Os05g0573300	OsR498G0511370300.01.T01	CTP synthase
maker-5-augustus-gene-296.37-mRNA-1	Indica	NA		Os05g0573200	OsR498G0511377300.01.T04	Isocitrate dehydrogenase [NADP]
maker-5-augustus-gene-296.53-mRNA-1	Indica	NA		Os05g0572700	OsR498G0511375800.01.T01	Protein-serine/threonine phosphatase
maker-5-augustus-gene-296.56-mRNA-1	Indica	Indica		Os05g0573000	OsR498G0511376800.01.T01	
maker-5-augustus-gene-296.60-mRNA-1	Indica	NA		Os05g0573300	OsR498G0511377600.01.T02	CTP synthase
maker-5-augustus-gene-297.46-mRNA-1	Indica	NA		Os05g0573500	OsR498G0511379100.01.T02	CCAAT-binding transcription factor A
maker-5-augustus-gene-297.51-mRNA-1	Indica	Indica		Os05g0574000	OsR498G0511381100.01.T01	Phospholipase
maker-5-augustus-gene-297.53-mRNA-1	Indica	Japonica		Os05g0574800	OsR498G0511385100.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
maker-5-augustus-gene-297.54-mRNA-1	Indica	Indica		Os05g0575300	OsR498G0511387900.01.T01	Tr-type G domain-containing protein
maker-5-augustus-gene-297.65-mRNA-1	Indica	NA		Os05g0573700	OsR498G0511380000.01.T01	Acetohydroxy-acid reductoisomerase
maker-5-augustus-gene-297.70-mRNA-1	Indica	NA			OsR498G0511380600.01.T02	Tetratricopeptide repeat-like superfamily protein isoform 2
maker-5-augustus-gene-297.74-mRNA-1	Indica	NA		Os05g0574100	OsR498G0511381600.01.T01	Phospholipase A1-Ilgamma
maker-5-augustus-gene-297.76-mRNA-1	Indica	NA		Os05g0574400	OsR498G0511383800.01.T01	Malate dehydrogenase
maker-5-augustus-gene-297.79-mRNA-1	Indica	NA		Os05g0574500	OsR498G0511384000.01.T01	GTP-binding nuclear protein Ran-2
maker-5-augustus-gene-297.82-mRNA-1	Indica	NA		Os05g0574700	OsR498G0511384800.01.T04	Very-long-chain 3-oxoacyl-CoA synthase
maker-5-augustus-gene-298.40-mRNA-1	Indica	NA	Kinase-TM	Os05g0576800	OsR498G0511392300.01.T01	Mitogen-activated protein kinase
maker-5-augustus-gene-298.45-mRNA-1	Indica	NA		Os05g0578000	OsR498G0511395300.01.T01	Peroxin-14
maker-5-augustus-gene-298.51-mRNA-1	Indica	NA			OsR498G0511391200.01.T01	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-5-augustus-gene-298.53-mRNA-1	Indica	Indica		Os01g0643300	OsR498G0511393400.01.T01	Auxin efflux carrier component
maker-5-augustus-gene-298.55-mRNA-1	Indica	Indica		Os05g0577200	OsR498G0511394200.01.T05	Isoprenylcysteine alpha-carbonyl methylesterase ICME
maker-5-augustus-gene-298.59-mRNA-1	Indica	NA	Kinase-TM	Os05g0577700	OsR498G0511394600.01.T02	MAP kinase kinase kinase55
maker-5-augustus-gene-298.68-mRNA-1	Indica	NA		Os05g0577900	OsR498G0511395200.01.T01	Protein kinase domain-containing protein
maker-5-augustus-gene-299.16-mRNA-1	Indica	Indica		Os05g0578600	OsR498G0511397800.01.T02	Polygalacturonase
maker-5-augustus-gene-299.20-mRNA-1	Indica	NA		Os05g0579000	OsR498G0511399000.01.T02	Sugar transporter protein ERD6-5
maker-5-augustus-gene-299.3-mRNA-1	Indica	NA			OsR498G0511397900.01.T05	
maker-5-augustus-gene-36.46-mRNA-1	Indica	NA		Os05g0161800	OsR498G0509794300.01.T01	GTP diphosphokinase
maker-5-augustus-gene-36.65-mRNA-1	Indica	NA			OsR498G0509796800.01.T01	HTH myb-type domain-containing protein
maker-5-augustus-gene-37.3-mRNA-1	Indica	NA		Os05g0164100	OsR498G0509801900.01.T06	6-phosphofructo-2-kinase/fructose-26-bisphosphatase
maker-5-augustus-gene-45.13-mRNA-1	Indica	Indica		Os05g0173500	OsR498G0509840800.01.T04	
maker-5-augustus-gene-45.25-mRNA-1	Indica	NA		Os05g0176500	OsR498G0509848400.01.T02	Mitochondria isoform 2
maker-5-augustus-gene-45.7-mRNA-1	Indica	NA				
maker-5-augustus-gene-46.49-mRNA-1	Indica	NA		Os05g0178600	OsR498G0509854200.01.T01	Auxin-responsive protein (Fragment)
maker-5-augustus-gene-55.0-mRNA-1	Indica	NA		Os09g0258800		Ulp1 protease family, C-terminal catalytic domain containing protein
maker-5-augustus-gene-57.0-mRNA-1	Indica	Indica		Os05g0194900	OsR498G0509918900.01.T01	ATP-dependent 6-phosphofructokinase 3
maker-5-augustus-gene-57.6-mRNA-1	Indica	NA				Probable tRNA N6-adenosine threonylcarbamoyltransferase
maker-5-augustus-gene-57.8-mRNA-1	Indica	NA		Os05g0195700	OsR498G0509922600.01.T02	Transcription factor DIVARICATA
maker-5-augustus-gene-63.31-mRNA-1	Indica	NA				
maker-5-augustus-gene-64.34-mRNA-1	Indica	NA		Os05g0204600	OsR498G0509981100.01.T01	B-box zinc finger protein 22
maker-5-augustus-gene-64.36-mRNA-1	Indica	NA		Os05g0204900	OsR498G0509982500.01.T03	Serine/threonine-protein phosphatase 5
maker-5-augustus-gene-64.46-mRNA-1	Indica	Indica		Os02g0232900	OsR498G0509982800.01.T01	Aquaporin NIP-type
maker-5-augustus-gene-66.35-mRNA-1	Indica	NA		Os05g0207900	OsR498G0509992300.01.T03	Sentrin-specific protease 6
maker-5-augustus-gene-66.41-mRNA-1	Indica	NA		Os05g0208000	OsR498G0509992900.01.T01	Mitochondrial dicarboxylate/tricarboxylate transporter DTC
maker-5-augustus-gene-66.46-mRNA-1	Indica	NA				NAM-associated domain-containing protein
maker-5-augustus-gene-66.49-mRNA-1	Indica	NA		Os05g0207400	OsR498G0509990800.01.T01	RING-CH-type domain-containing protein (Fragment)
maker-5-augustus-gene-66.51-mRNA-1	Indica	NA	Kinase-TM	Os05g0207500	OsR498G0509991200.01.T01	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-66.56-mRNA-1	Indica	NA	Kinase-TM	Os05g0207700	OsR498G0509991800.01.T03	Serine/threonine-protein kinase CDL1
maker-5-augustus-gene-70.0-mRNA-1	Indica	NA		Os05g0213500	OsR498G0510012300.01.T01	Absciscic acid receptor 8
maker-5-augustus-gene-71.26-mRNA-1	Indica	Indica		Os05g0214900	OsR498G0510020300.01.T01	Protein trichome birefringence-like 25
maker-5-augustus-gene-71.29-mRNA-1	Indica	Indica		Os05g0215000	OsR498G0510022000.01.T01	BURP domain-containing protein 2
maker-5-augustus-gene-72.0-mRNA-1	Indica	NA		Os05g0217800	OsR498G0510033900.01.T01	BURP domain-containing protein 2
maker-5-augustus-gene-72.2-mRNA-1	Indica	NA		Os05g0215800	OsR498G0510026400.01.T02	Nucleotide sugar transporter-KT 1
maker-5-augustus-gene-72.7-mRNA-1	Indica	Japonica		Os05g0217000	OsR498G0612586700.01.T02	Arabinogalactan peptide
maker-5-augustus-gene-73.26-mRNA-1	Indica	Indica	Kinase-TM	Os01g0227200	OsR498G0510036200.01.T03	Receptor protein kinase PERK1
maker-5-augustus-gene-73.31-mRNA-1	Indica	Indica		Os01g0303800	OsR498G0510635800.01.T01	Usp domain-containing protein
maker-5-augustus-gene-74.40-mRNA-1	Indica	NA		Os05g0220900	OsR498G0510046700.01.T01	
maker-5-augustus-gene-74.44-mRNA-1	Indica	NA			OsR498G0510043000.01.T02	DNA helicase
maker-5-augustus-gene-74.48-mRNA-1	Indica	NA		Os05g0219900	OsR498G0510043600.01.T01	S-type anion channel SLAH3

maker-5-augustus-gene-74.50-mRNA-1	Indica	NA		Os05g0220100	OsR498G0510044200.01.T04	Post-GPI attachment to proteins factor 3
maker-5-augustus-gene-74.58-mRNA-1	Indica	Indica		Os01g0750500	OsR498G0510048200.01.T01	Coiled-coil domain-containing protein 25
maker-5-augustus-gene-75.36-mRNA-1	Indica	Indica		Os05g0223200	OsR498G0510053900.01.T01	Glycine-rich RNA-binding protein GRP1A
maker-5-augustus-gene-75.42-mRNA-1	Indica	NA	NBS-TM	Os05g0222200	OsR498G0510052200.01.T01	Eceriferum 5 (Fragment)
maker-5-augustus-gene-79.41-mRNA-1	Indica	Japonica		Os05g0229300	OsR498G0815323400.01.T01	
maker-6-augustus-gene-100.8-mRNA-1	Indica	NA		Os06g0286146	OsR498G0612156000.01.T01	PGG domain-containing protein (Fragment)
maker-6-augustus-gene-101.19-mRNA-1	Indica	Indica		Os06g0286310	OsR498G0612158300.01.T01	DNA oxidative demethylase
maker-6-augustus-gene-101.30-mRNA-1	Indica	NA		Os10g0531750	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
maker-6-augustus-gene-102.41-mRNA-1	Indica	NA	CC-NBS-TM			NBS-LRR
maker-6-augustus-gene-102.42-mRNA-1	Indica	NA	NBS-TM			Disease resistance protein RPM1
maker-6-augustus-gene-105.5-mRNA-1	Indica	Japonica		Os06g0293500	OsR498G0612176400.01.T01	
maker-6-augustus-gene-110.30-mRNA-1	Indica	NA		Os06g0301300	OsR498G0612205500.01.T05	Proteasome activator subunit 4
maker-6-augustus-gene-195.22-mRNA-1	Indica	NA		Os06g0527800		Bet v I allergen-like
maker-6-augustus-gene-197.0-mRNA-1	Indica	Indica		Os06g0530300	OsR498G0612674500.01.T01	Putative membrane protein YuiD
maker-6-augustus-gene-202.48-mRNA-1	Indica	Indica		Os02g0244600	OsR498G0612706500.01.T01	Polyadenylate-binding protein-interacting protein 8-like
maker-6-augustus-gene-204.31-mRNA-1	Indica	NA		Os06g0545400	OsR498G0612717800.01.T01	Group 13 grass pollen allergen (Fragment)
maker-6-augustus-gene-205.52-mRNA-1	Indica	NA		Os06g0547100	OsR498G0612720200.01.T01	Peroxidase
maker-6-augustus-gene-227.0-mRNA-1	Indica	Indica	Kinase-LRR-TM	Os06g0586150	OsR498G0612844500.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-227.3-mRNA-1	Indica	Indica	Kinase-LRR-TM	Os06g0587500	OsR498G0612845300.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-228.1-mRNA-1	Indica	NA	Kinase-LRR-TM		OsR498G0612847900.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-231.7-mRNA-1	Indica	Indica	Kinase-LRR-TM	Os06g0587900	OsR498G0612839000.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-234.11-mRNA-1	Indica	Indica		Os06g0594600	OsR498G0612877000.01.T03	3'-N-debenzoyl-2'-deoxytaxol N-benzoyltransferase
maker-6-augustus-gene-236.36-mRNA-1	Indica	Indica		Os06g0597400	OsR498G0612883100.01.T02	Exonuclease/helicase-like
maker-6-augustus-gene-236.44-mRNA-1	Indica	NA		Os06g0597600	OsR498G0612883500.01.T01	FscO
maker-6-augustus-gene-236.48-mRNA-1	Indica	NA		Os06g0597900	OsR498G0612883900.01.T04	Heme-binding-like protein, chloroplastic
maker-6-augustus-gene-236.51-mRNA-1	Indica	NA		Os06g0598900	OsR498G0612886000.01.T01	serine-threonine kinase receptor-associated protein isoform X1
maker-6-augustus-gene-257.3-mRNA-1	Indica	Indica		Os06g0632200	OsR498G0613011200.01.T02	Tryptophan synthase
maker-6-augustus-gene-258.44-mRNA-1	Indica	NA			OsR498G0613013000.01.T01	Putative B3 domain-containing protein (Fragment)
maker-6-augustus-gene-293.47-mRNA-1	Indica	Indica		Os02g0150100	OsR498G0613241100.01.T01	Putative RNA helicase transcription factor interactor and regulator CCHC(Zn)
maker-6-augustus-gene-293.49-mRNA-1	Indica	NA		Os06g0697300	OsR498G0613241500.01.T01	
maker-6-augustus-gene-293.54-mRNA-1	Indica	Indica		Os03g0845700	OsR498G0613241800.01.T01	DNA-directed RNA polymerases II, IV and V subunit 8B
maker-6-augustus-gene-294.50-mRNA-1	Indica	NA			OsR498G0613245200.01.T02	Protein ENHANCED DISEASE RESISTANCE like
maker-6-augustus-gene-295.19-mRNA-1	Indica	NA		Os06g0699500	OsR498G0613249800.01.T01	Macrophage migration inhibitory factor isogeny
maker-6-augustus-gene-296.41-mRNA-1	Indica	NA		Os06g0701400	OsR498G0613255600.01.T01	60s acidic ribosomal protein-domain-containing protein
maker-6-augustus-gene-296.46-mRNA-1	Indica	NA		Os06g0701700	OsR498G0613256600.01.T01	HKT24 transporter
maker-6-augustus-gene-297.40-mRNA-1	Indica	NA			OsR498G0613262500.01.T01	
maker-6-augustus-gene-297.42-mRNA-1	Indica	Indica		Os06g0701700	OsR498G0613258400.01.T02	High-affinity potassium uptake transporter
maker-6-augustus-gene-297.46-mRNA-1	Indica	NA		Os11g0620500	OsR498G0510972100.01.T01	Plant disease resistance polyprotein-like
maker-6-augustus-gene-298.0-mRNA-1	Indica	NA		Os06g0702500	OsR498G0613263100.01.T06	L-arabinokinase
maker-6-augustus-gene-298.12-mRNA-1	Indica	NA		Os06g0702800	OsR498G0613265100.01.T03	3-phosphoinositide-dependent protein kinase-1
maker-6-augustus-gene-298.22-mRNA-1	Indica	NA		Os06g0702700	OsR498G0613265000.01.T01	GGACT domain-containing protein (Fragment)
maker-6-augustus-gene-298.25-mRNA-1	Indica	NA	Kinase-TM	Os06g0703000	OsR498G0613265800.01.T01	Putative serine/threonine-protein kinase PBL17 isoform B
maker-6-augustus-gene-298.32-mRNA-1	Indica	NA		Os06g0703500	OsR498G0613267000.01.T02	Squamosa-promoter binding protein-like protein
maker-6-augustus-gene-298.4-mRNA-1	Indica	Indica		Os06g0702600	OsR498G0613264700.01.T02	Auxin response factor
maker-6-augustus-gene-299.36-mRNA-1	Indica	Japonica		Os06g0703900	OsR498G0202933000.01.T03	Protein PHOSPHATE STARVATION RESPONSE 3
maker-6-augustus-gene-300.44-mRNA-1	Indica	Indica		Os06g0705600	OsR498G0613275100.01.T02	Peptide transporter PTR1
maker-6-augustus-gene-300.45-mRNA-1	Indica	NA		Os06g0705600	OsR498G0613275100.01.T03	Peptide transporter PTR2
maker-6-augustus-gene-300.52-mRNA-1	Indica	NA		Os06g0705700	OsR498G0613275500.01.T01	Peptide transporter PTR2
maker-6-augustus-gene-300.54-mRNA-1	Indica	NA		Os06g0705900	OsR498G0613276300.01.T01	Peptide transporter PTR2
maker-6-augustus-gene-300.56-mRNA-1	Indica	Indica		Os06g0705700	OsR498G0613276500.01.T06	Peptide transporter PTR2
maker-6-augustus-gene-300.61-mRNA-1	Indica	NA		Os06g0707100	OsR498G0613278300.01.T09	Protein DETOXIFICATION
maker-6-augustus-gene-301.39-mRNA-1	Indica	NA	Kinase	Os06g0708000	OsR498G0613281300.01.T01	Mitogen-activated protein kinase
maker-6-augustus-gene-301.44-mRNA-1	Indica	NA			OsR498G0613282100.01.T01	Type 2 DNA topoisomerase 6 subunit B-like
maker-6-augustus-gene-301.51-mRNA-1	Indica	Indica		Os01g0106200	OsR498G0613282300.01.T01	Peptidylprolyl isomerase
maker-6-augustus-gene-301.53-mRNA-1	Indica	Indica		Os06g0708500	OsR498G0613282500.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-6-augustus-gene-301.55-mRNA-1	Indica	NA		Os06g0708500	OsR498G0613282700.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-6-augustus-gene-301.61-mRNA-1	Indica	Indica		Os06g0709100	OsR498G0613284500.01.T03	F-box protein SKIP31
maker-6-augustus-gene-301.67-mRNA-1	Indica	NA				Putative isoprenylcysteine alpha-carbonyl methylesterase ICME
maker-6-augustus-gene-301.71-mRNA-1	Indica	Indica		Os06g0708700	OsR498G0613283200.01.T02	Conserved oligomeric Golgi complex subunit 6
maker-6-augustus-gene-301.75-mRNA-1	Indica	NA			OsR498G0613284200.01.T04	Zinc finger CCHC domain-containing protein
maker-6-augustus-gene-301.81-mRNA-1	Indica	NA		Os06g0710300	OsR498G0613285800.01.T02	ATP synthase gamma chain

maker-6-augustus-gene-302.38-mRNA-1	Indica	NA		Os06g0711100	OsR498G0613287700.01.T04	WAS/WASL-interacting protein family member 1-like
maker-6-augustus-gene-302.41-mRNA-1	Indica	NA		Os06g0711200	OsR498G0613287900.01.T01	Pre-mRNA-splicing factor syf2 like
maker-6-augustus-gene-302.43-mRNA-1	Indica	NA		Os06g0711600	OsR498G0613288100.01.T02	GCIP-interacting family protein isoform 1
maker-6-augustus-gene-302.52-mRNA-1	Indica	NA		Os06g0712400	OsR498G0613292600.01.T02	NF-E2 inducible protein-like
maker-6-augustus-gene-303.0-mRNA-1	Indica	Indica		Os09g0531900	OsR498G0613293100.01.T01	Hexosyltransferase
maker-6-augustus-gene-303.13-mRNA-1	Indica	NA		Os06g0713100	OsR498G0613297400.01.T01	Mitochondrion protein
maker-6-augustus-gene-303.17-mRNA-1	Indica	Indica		Os06g0713900	OsR498G0613298200.01.T02	
maker-6-augustus-gene-303.21-mRNA-1	Indica	NA		Os06g0714000	OsR498G0613298600.01.T04	Transmembrane protein
maker-6-augustus-gene-303.3-mRNA-1	Indica	Indica		Os06g0712600	OsR498G0613294100.01.T01	Lateral root primordium (LRP) protein-related
maker-6-augustus-gene-303.8-mRNA-1	Indica	NA		Os06g0713800	OsR498G0613297500.01.T02	Alpha-amylase type A isozyme
maker-6-augustus-gene-304.0-mRNA-1	Indica	Indica		Os10g0510700	OsR498G0613299500.01.T02	Calcium-dependent protein kinase
maker-6-augustus-gene-304.13-mRNA-1	Indica	NA		Os06g0715400	OsR498G0613303900.01.T05	Golgin subfamily A member like
maker-6-augustus-gene-304.15-mRNA-1	Indica	NA		Os06g0715500	OsR498G0613303900.01.T06	translocon-associated protein subunit alpha-like
maker-6-augustus-gene-304.20-mRNA-1	Indica	NA	Kinase	Os06g0714900	OsR498G0613302400.01.T04	probable serine/threonine-protein kinase PBL19
maker-6-augustus-gene-304.23-mRNA-1	Indica	NA			OsR498G0613303400.01.T02	Target SNARE coiled-coil domain
maker-6-augustus-gene-304.28-mRNA-1	Indica	NA		Os06g0715300	OsR498G0613303600.01.T02	Endoglucanase
maker-6-augustus-gene-304.30-mRNA-1	Indica	NA		Os06g0715600	OsR498G0613304200.01.T01	BRCA1-A complex subunit BRE
maker-6-augustus-gene-304.35-mRNA-1	Indica	NA		Os06g0715700	OsR498G0613304400.01.T01	Probable magnesium transporter
maker-6-augustus-gene-304.4-mRNA-1	Indica	NA	TM	Os06g0714500	OsR498G0613301300.01.T01	ATPase family AAA domain-containing protein 1-A
maker-6-augustus-gene-304.6-mRNA-1	Indica	NA		Os06g0714800	OsR498G0613302100.01.T01	FLZ-type domain-containing protein (Fragment)
maker-6-augustus-gene-304.8-mRNA-1	Indica	NA		Os06g0715000	OsR498G0613303100.01.T02	UV radiation resistance-associated
maker-6-augustus-gene-305.35-mRNA-1	Indica	NA		Os06g0716000	OsR498G0613305900.01.T01	DUF668 domain-containing protein (Fragment)
maker-6-augustus-gene-305.40-mRNA-1	Indica	NA		Os06g0716200	OsR498G0613306700.01.T01	Thaumatococcus-like protein 1a
maker-6-augustus-gene-305.43-mRNA-1	Indica	Japonica		Os06g0717300	OsR498G0613308900.01.T01	
maker-6-augustus-gene-305.48-mRNA-1	Indica	NA		Os06g0717900		Chloroplast nucleoid DNA-binding protein-like protein
maker-6-augustus-gene-305.50-mRNA-1	Indica	NA		Os06g0718100	OsR498G0613311900.01.T01	Expansin
maker-6-augustus-gene-305.52-mRNA-1	Indica	NA		Os06g0716700	OsR498G0613307600.01.T01	Endoplasmic like
maker-6-augustus-gene-305.58-mRNA-1	Indica	NA		Os06g0717100	OsR498G0613308200.01.T01	Senescence domain-containing protein (Fragment)
maker-6-augustus-gene-305.61-mRNA-1	Indica	NA	Kinase-LRR-TM	Os06g0717200	OsR498G0613308600.01.T01	Leucine-rich repeat receptor-like kinase protein THICK TASSEL DWARF1
maker-6-augustus-gene-305.63-mRNA-1	Indica	NA		Os06g0717400	OsR498G0613309200.01.T01	RNA pseudourine synthase 2, chloroplastic
maker-6-augustus-gene-305.67-mRNA-1	Indica	NA		Os06g0717800	OsR498G0613310200.01.T01	Protein-serine/threonine phosphatase
maker-6-augustus-gene-305.68-mRNA-1	Indica	NA			OsR498G0613310200.01.T02	
maker-6-augustus-gene-306.33-mRNA-1	Indica	Indica		Os06g0721800	OsR498G0613312700.01.T01	Blue copper binding protein-like
maker-6-augustus-gene-306.35-mRNA-1	Indica	NA				NF-E2 inducible protein-like
maker-6-augustus-gene-306.63-mRNA-1	Indica	NA		Os06g0722100	OsR498G0613323500.01.T01	DUF1618 domain-containing protein (Fragment)
maker-6-augustus-gene-307.42-mRNA-1	Indica	NA		Os06g0724100	OsR498G0613324700.01.T01	FYVE-type domain-containing protein (Fragment)
maker-6-augustus-gene-307.48-mRNA-1	Indica	NA		Os06g0724200	OsR498G0613324900.01.T02	Lateral signaling target protein 2-like protein
maker-6-augustus-gene-307.59-mRNA-1	Indica	NA		Os06g0722100	OsR498G0613323500.01.T01	DUF1618 domain-containing protein (Fragment)
maker-6-augustus-gene-307.63-mRNA-1	Indica	NA				Putative retroelement
maker-6-augustus-gene-307.66-mRNA-1	Indica	Indica		Os06g0724000	OsR498G0613324000.01.T01	BZIP transcription factor
maker-6-augustus-gene-307.73-mRNA-1	Indica	NA		Os06g0724300	OsR498G0613325200.01.T02	DUF616 domain-containing protein
maker-6-augustus-gene-308.21-mRNA-1	Indica	NA		Os06g0725900	OsR498G0613331200.01.T01	AAA domain-containing protein (Fragment)
maker-6-augustus-gene-309.0-mRNA-1	Indica	Japonica		Os06g0726900	OsR498G0613324600.01.T01	RING-type E3 ubiquitin transferase
maker-6-augustus-gene-309.14-mRNA-1	Indica	NA		Os06g0726400	OsR498G0613332800.01.T02	1,4-alpha-glucan-branching enzyme, chloroplastic/amyloplastic
maker-6-augustus-gene-309.19-mRNA-1	Indica	NA		Os06g0726600	OsR498G0613333000.01.T01	Lazarus
maker-6-augustus-gene-309.2-mRNA-1	Indica	NA		Os06g0727200	OsR498G0613333900.01.T01	Catalase isozyme b
maker-6-augustus-gene-309.24-mRNA-1	Indica	NA		Os06g0726800	OsR498G0613333200.01.T03	Cyclin N-terminal domain-containing protein
maker-6-augustus-gene-309.29-mRNA-1	Indica	NA		Os06g0727300	OsR498G0613334200.01.T02	Hexosyltransferase
maker-6-augustus-gene-309.34-mRNA-1	Indica	NA	Kinase	Os06g0727400	OsR498G0613334400.01.T01	probable serine/threonine-protein kinase PIX13
maker-6-augustus-gene-309.7-mRNA-1	Indica	Indica		Os06g0727700	OsR498G0613334900.01.T01	Storage protein-like
maker-6-augustus-gene-309.9-mRNA-1	Indica	NA		Os06g0727700	OsR498G0613335300.01.T01	Transmembrane protein, putative (DUF707)
maker-6-augustus-gene-310.0-mRNA-1	Indica	Indica		Os06g0728000	OsR498G0613336700.01.T02	DNA-binding protein MNB18
maker-6-augustus-gene-310.10-mRNA-1	Indica	NA		Os06g0728600	OsR498G0613337900.01.T01	Calcium-binding EF hand protein-like
maker-6-augustus-gene-310.15-mRNA-1	Indica	NA				Piwi domain-containing protein
maker-6-augustus-gene-310.21-mRNA-1	Indica	NA		Os06g0728700	OsR498G0613338800.01.T01	HTH myb-type domain-containing protein
maker-6-augustus-gene-310.23-mRNA-1	Indica	NA			OsR498G0613339400.01.T02	Callose synthase 3
maker-6-augustus-gene-310.30-mRNA-1	Indica	NA		Os06g0729000	OsR498G0613340000.01.T02	Phytoene synthase 1, chloroplastic
maker-6-augustus-gene-310.7-mRNA-1	Indica	Japonica		Os06g0728200	OsR498G0613337300.01.T01	
maker-6-augustus-gene-311.0-mRNA-1	Indica	NA		Os06g0729400	OsR498G0613342300.01.T03	Gibberellin-regulated protein 3
maker-6-augustus-gene-311.10-mRNA-1	Indica	NA		Os06g0730500	OsR498G0613347500.01.T01	Gamma-tubulin complex component
maker-6-augustus-gene-311.14-mRNA-1	Indica	NA		Os06g0730800	OsR498G0613347900.01.T01	Coiled-coil domain-containing protein 12

maker-6-augustus-gene-311.18-mRNA-1	Indica	NA			OsR498G0613342600.01.T05	
maker-6-augustus-gene-311.2-mRNA-1	Indica	Indica		Os02g0634700	OsR498G0613345100.01.T01	Carboxypeptidase
maker-6-augustus-gene-311.23-mRNA-1	Indica	NA			OsR498G0613342800.01.T03	Photosystem II stability/assembly factor like
maker-6-augustus-gene-311.27-mRNA-1	Indica	NA		Os06g0730600	OsR498G0613347800.01.T05	Oligopeptidase B
maker-6-augustus-gene-311.4-mRNA-1	Indica	NA		Os07g0172200	OsR498G0613346900.01.T02	DNA-binding protein RHL1
maker-6-augustus-gene-311.7-mRNA-1	Indica	NA		Os06g0730300	OsR498G0613347100.01.T03	Transmembrane protein 53
maker-6-augustus-gene-312.44-mRNA-1	Indica	NA				PA domain-containing protein
maker-6-augustus-gene-312.50-mRNA-1	Indica	NA		Os06g0731000		No-mechanoreceptor potential A, putative
maker-6-augustus-gene-312.51-mRNA-1	Indica	NA		Os06g0731400	OsR498G0613349700.01.T01	Tetraspanin-18
maker-6-augustus-gene-312.55-mRNA-1	Indica	NA		Os06g0731900	OsR498G0613351300.01.T01	Putative lysine ketoglutarate reductase trans-splicing related 1
maker-6-augustus-gene-312.62-mRNA-1	Indica	NA				Acyl-CoA N-acyltransferase with RING/FYVE/PHD-type zinc finger domain
maker-6-augustus-gene-312.68-mRNA-1	Indica	NA		Os06g0731200	OsR498G0613349200.01.T01	White-brown complex like protein 30
maker-6-augustus-gene-312.73-mRNA-1	Indica	Indica		Os06g0731300	OsR498G0613349400.01.T01	Chaperone protein like
maker-6-augustus-gene-312.75-mRNA-1	Indica	NA		Os06g0731500		JmjC domain-containing protein
maker-6-augustus-gene-312.77-mRNA-1	Indica	NA			OsR498G0613350200.01.T07	Lysine-specific demethylase
maker-6-augustus-gene-312.79-mRNA-1	Indica	NA		Os06g0731700	OsR498G0613350600.01.T01	Clathrin light chain 2
maker-6-augustus-gene-312.83-mRNA-1	Indica	NA		Os06g0731800	OsR498G0613351200.01.T01	Clathrin light chain
maker-6-augustus-gene-32.0-mRNA-1	Indica	NA			OsR498G0611667500.01.T02	FBD domain-containing protein
maker-6-augustus-gene-35.49-mRNA-1	Indica	NA			OsR498G0611688900.01.T01	X8 domain-containing protein
maker-6-augustus-gene-36.2-mRNA-1	Indica	NA		Os06g0169900	OsR498G0611689700.01.T01	Jacalin-like lectin domain containing protein, expressed
maker-6-augustus-gene-37.16-mRNA-1	Indica	NA		Os06g0171700	OsR498G0611697700.01.T01	CDK-activating kinase assembly factor MAT1
maker-6-augustus-gene-37.32-mRNA-1	Indica	NA				Fanconi-associated nuclease
maker-6-augustus-gene-42.10-mRNA-1	Indica	NA			OsR498G0611733400.01.T04	CHD3-type chromatin-remodeling factor PICKLE
maker-6-augustus-gene-42.18-mRNA-1	Indica	NA		Os01g0258600	OsR498G0100585300.01.T03	FYVE-type domain-containing protein
maker-6-augustus-gene-42.20-mRNA-1	Indica	NA		Os06g0184200	OsR498G0611735400.01.T01	Protein POLAR LOCALIZATION DURING ASYMMETRIC DIVISION AND REDISTR
maker-6-augustus-gene-43.37-mRNA-1	Indica	NA			OsR498G0611737500.01.T03	ABC transporter C family member 13 isoform A
maker-6-augustus-gene-43.46-mRNA-1	Indica	Indica		Os06g0184800	OsR498G0611737800.01.T01	Stress-induced hydrophobic peptide 1
maker-6-augustus-gene-43.48-mRNA-1	Indica	NA			OsR498G0611738400.01.T01	BSD domain-containing protein
maker-6-augustus-gene-44.0-mRNA-1	Indica	Indica		Os02g0664000	OsR498G0611740700.01.T01	Phospholipid hydroperoxide glutathione peroxidase 1, chloroplastic
maker-6-augustus-gene-44.14-mRNA-1	Indica	NA		Os06g0187000	OsR498G0611744100.01.T03	Origin of replication complex subunit 1
maker-6-augustus-gene-44.19-mRNA-1	Indica	NA			OsR498G0611744500.01.T01	Trimethylguanosine synthase
maker-6-augustus-gene-44.21-mRNA-1	Indica	Indica	Kinase-LRR-TM	Os06g0186300	OsR498G0611741800.01.T01	Serine/threonine protein kinase
maker-6-augustus-gene-44.23-mRNA-1	Indica	Japonica	Kinase-LRR-TM	Os06g0186300	OsR498G0611742000.01.T01	Serine/threonine protein kinase
maker-6-augustus-gene-44.31-mRNA-1	Indica	NA		Os06g0186600	OsR498G0611743000.01.T01	50S ribosomal protein L35 isoform 1
maker-6-augustus-gene-44.35-mRNA-1	Indica	NA				Folate-biopterin transporter
maker-6-augustus-gene-44.38-mRNA-1	Indica	NA		Os06g0186900	OsR498G0611743800.01.T01	RuvB-like helicase
maker-6-augustus-gene-44.40-mRNA-1	Indica	Indica		Os06g0187200	OsR498G0611744800.01.T01	UDP-glucuronate 4-epimerase 1
maker-6-augustus-gene-44.5-mRNA-1	Indica	NA	Kinase-LRR-TM			LRR receptor-like serine/threonine-protein kinase EFR
maker-6-augustus-gene-44.8-mRNA-1	Indica	NA			OsR498G0611742500.01.T02	HAUS-augmin3 domain-containing protein
maker-6-augustus-gene-45.11-mRNA-1	Indica	NA		Os06g0188100	OsR498G0611747800.01.T02	UDP-galactose/UDP-glucose transporter 7
maker-6-augustus-gene-45.4-mRNA-1	Indica	Indica		Os06g0188000	OsR498G0611747500.01.T01	Cyclic nucleotide-gated ion channel 17
maker-6-augustus-gene-46.4-mRNA-1	Indica	NA			OsR498G0611748600.01.T01	PBPc domain-containing protein (Fragment)
maker-6-augustus-gene-46.5-mRNA-1	Indica	NA		Os06g0190700	OsR498G0611753200.01.T01	PBPc domain-containing protein
maker-6-augustus-gene-49.0-mRNA-1	Indica	Indica		Os06g0195800	OsR498G0611777900.01.T01	J domain-containing protein (Fragment)
maker-6-augustus-gene-49.7-mRNA-1	Indica	NA		Os06g0195600	OsR498G0611776200.01.T02	Phosphoinositide phosphatase SAC2
maker-6-augustus-gene-50.45-mRNA-1	Indica	NA			OsR498G0611782500.01.T05	Auxin response factor
maker-6-augustus-gene-50.59-mRNA-1	Indica	Indica		Os02g0781400	OsR498G0611782900.01.T06	Chaperonin, chloroplastic
maker-6-augustus-gene-50.68-mRNA-1	Indica	Indica		Os06g0196300	OsR498G0611780000.01.T01	Peroxisomal protein Q chloroplastic
maker-6-augustus-gene-50.71-mRNA-1	Indica	Japonica		Os06g0196500	OsR498G0611780600.01.T01	NTF2-domain-containing protein
maker-6-augustus-gene-55.38-mRNA-1	Indica	NA		Os06g0207000	OsR498G0611822700.01.T01	Pantothenate kinase 1
maker-6-augustus-gene-57.0-mRNA-1	Indica	NA			OsR498G0611835900.01.T01	
maker-6-augustus-gene-57.14-mRNA-1	Indica	NA		Os06g0210900	OsR498G0611839300.01.T01	Fungal lipase-like domain containing protein
maker-6-augustus-gene-57.2-mRNA-1	Indica	Indica		Os02g0768300	OsR498G0611836500.01.T01	
maker-6-augustus-gene-57.5-mRNA-1	Indica	NA		Os06g0210100	OsR498G0611836900.01.T01	Transmembrane emp24 domain-containing protein 10
maker-6-augustus-gene-57.8-mRNA-1	Indica	NA		Os06g0210200	OsR498G0611837100.01.T01	N-acyl-L-amino-acid amidohydrolase
maker-6-augustus-gene-58.40-mRNA-1	Indica	NA		Os06g0211200	OsR498G0611841300.01.T05	ABA responsive element binding factor 1
maker-6-augustus-gene-58.45-mRNA-1	Indica	NA		Os06g0211600	OsR498G0611842900.01.T01	Fucosyltransferase
maker-6-augustus-gene-58.49-mRNA-1	Indica	NA		Os06g0211700	OsR498G0611843200.01.T01	Fucosyltransferase
maker-6-augustus-gene-59.0-mRNA-1	Indica	NA		Os06g0214100	OsR498G0611849900.01.T01	Apple domain-containing protein
maker-6-augustus-gene-59.5-mRNA-1	Indica	NA			OsR498G0611846800.01.T01	
maker-6-augustus-gene-59.7-mRNA-1	Indica	NA			OsR498G0611848000.01.T01	Protein TIC 22, chloroplastic isoform A

maker-6-augustus-gene-60.0-mRNA-1	Indica	Indica		Os06g0214900	OsR498G0611853000.01.T01	Alternative NAD(P)H-ubiquinone oxidoreductase
maker-6-augustus-gene-60.15-mRNA-1	Indica	NA		Os06g0215400	OsR498G0611854400.01.T08	Dipeptidyl peptidase family member 6
maker-6-augustus-gene-60.25-mRNA-1	Indica	NA		Os06g0215900	OsR498G0611856400.01.T01	12-oxo-phytodienoic acid reductase
maker-6-augustus-gene-60.27-mRNA-1	Indica	Indica		Os06g0216300	OsR498G0611856600.01.T01	12-oxo-phytodienoic acid reductase
maker-6-augustus-gene-60.29-mRNA-1	Indica	Indica		Os06g0216200	OsR498G0611857200.01.T01	12-oxo-phytodienoic acid reductase
maker-6-augustus-gene-60.32-mRNA-1	Indica	NA		Os06g0216300	OsR498G0611857600.01.T01	12-oxo-phytodienoic acid reductase
maker-6-augustus-gene-60.34-mRNA-1	Indica	NA		Os06g0216700	OsR498G0611858400.01.T01	Phytocyanin domain-containing protein
maker-6-augustus-gene-60.7-mRNA-1	Indica	NA		Os06g0215200	OsR498G0611854200.01.T01	Zinc finger protein ZOP1
maker-6-augustus-gene-60.9-mRNA-1	Indica	NA		Os06g0215300	OsR498G0611854400.01.T01	Acylaminoacyl-peptidase1
maker-6-augustus-gene-61.27-mRNA-1	Indica	NA		Os06g0216800	OsR498G0611858600.01.T02	Peptidyl-prolyl cis-trans isomerase
maker-6-augustus-gene-61.32-mRNA-1	Indica	NA		Os06g0217300	OsR498G0611859800.01.T01	MADS-box transcription factor 6
maker-6-augustus-gene-61.37-mRNA-1	Indica	NA				Mediator of RNA polymerase II transcription subunit 6
maker-6-augustus-gene-61.43-mRNA-1	Indica	NA			OsR498G0611861000.01.T05	Kinesin-like protein KCA2
maker-6-augustus-gene-61.50-mRNA-1	Indica	NA		Os06g0217700	OsR498G0611862200.01.T01	CAAD domain-containing protein (Fragment)
maker-6-augustus-gene-62.0-mRNA-1	Indica	NA				Cyclin dependent kinase regulator
maker-6-augustus-gene-62.16-mRNA-1	Indica	NA		Os06g0218500	OsR498G0611867000.01.T01	DNA helicase
maker-6-augustus-gene-62.21-mRNA-1	Indica	NA		Os06g0218900	OsR498G0611867800.01.T04	LMBR1 domain-containing protein 2 isogeny A
maker-6-augustus-gene-62.4-mRNA-1	Indica	NA			OsR498G0611864700.01.T02	GLABRA2 expression modulator
maker-6-augustus-gene-62.7-mRNA-1	Indica	NA		Os06g0218600	OsR498G0611867100.01.T01	Phytocyanin domain-containing protein (Fragment)
maker-6-augustus-gene-62.9-mRNA-1	Indica	NA			OsR498G0611865000.01.T03	DnaJ-class molecular chaperone
maker-6-augustus-gene-63.0-mRNA-1	Indica	NA		Os06g0219400	OsR498G0611869700.01.T02	O-fucosyltransferase family protein
maker-6-augustus-gene-63.13-mRNA-1	Indica	NA		Os06g0220800	OsR498G0611874100.01.T02	5'-adenylylsulfate reductase-like 3
maker-6-augustus-gene-63.16-mRNA-1	Indica	NA		Os06g0219500	OsR498G0611870000.01.T01	Heat shock protein, mitochondrial
maker-6-augustus-gene-63.20-mRNA-1	Indica	NA			OsR498G0611873600.01.T01	RRM domain-containing protein
maker-6-augustus-gene-64.0-mRNA-1	Indica	NA		Os06g0221000	OsR498G0611876100.01.T01	Myb domain protein 93
maker-6-augustus-gene-64.11-mRNA-1	Indica	Indica		Os06g0222100	OsR498G0611878400.01.T02	Trehalose 6-phosphate phosphatase
maker-6-augustus-gene-64.3-mRNA-1	Indica	NA		Os06g0221200	OsR498G0611877100.01.T01	Annexin
maker-6-augustus-gene-64.5-mRNA-1	Indica	Indica		Os05g0477800	OsR498G0611877700.01.T01	Sulfate transporter-like
maker-6-augustus-gene-64.7-mRNA-1	Indica	NA		Os06g0221100	OsR498G0611876600.01.T01	TLDC domain-containing protein
maker-6-augustus-gene-65.3-mRNA-1	Indica	NA		Os06g0222800	OsR498G0611882600.01.T01	Metallophosphoesterase 1
maker-6-augustus-gene-69.30-mRNA-1	Indica	Indica		Os06g0229066	OsR498G0611932200.01.T01	ATP-dependent zinc metalloprotease FTSH 6 chloroplastic
maker-6-augustus-gene-78.46-mRNA-1	Indica	NA		Os06g0246700		SWIM-type domain-containing protein (Fragment)
maker-6-augustus-gene-80.15-mRNA-1	Indica	Indica		Os06g0125200	OsR498G0611641600.01.T03	FLZ-type domain-containing protein (Fragment)
maker-6-augustus-gene-80.17-mRNA-1	Indica	NA		Os06g0251700	OsR498G0612011400.01.T01	Microtubule-associated protein 70
maker-6-augustus-gene-80.8-mRNA-1	Indica	NA		Os06g0251100	OsR498G0612010300.01.T01	MACPF domain-containing protein
maker-6-augustus-gene-89.12-mRNA-1	Indica	Indica		Os02g0731400	OsR498G0612063600.01.T01	Chemocyanin
maker-6-augustus-gene-89.14-mRNA-1	Indica	Indica		Os06g0266800	OsR498G0612064200.01.T01	gibberellin-regulated protein 6-like
maker-6-augustus-gene-89.8-mRNA-1	Indica	Indica		Os06g0265400	OsR498G0612061600.01.T03	BZIP transcription factor family protein isoform 1
maker-6-augustus-gene-90.36-mRNA-1	Indica	NA			OsR498G0612070200.01.T02	Aluminum-activated malate transporter 9
maker-6-augustus-gene-92.0-mRNA-1	Indica	NA		Os06g0270900	OsR498G0612075300.01.T02	T-cytoplasm male sterility restorer factor 2
maker-6-augustus-gene-92.6-mRNA-1	Indica	NA			OsR498G0407658300.01.T01	Amidase domain-containing protein
maker-6-augustus-gene-94.6-mRNA-1	Indica	NA		Os06g0275600	OsR498G0612093100.01.T03	Transcription factor bHLH62 isoform A
maker-6-augustus-gene-97.2-mRNA-1	Indica	NA		Os06g0281300	OsR498G0612134400.01.T01	O-methyltransferase ZRP4
maker-7-augustus-gene-1.34-mRNA-1	Indica	NA		Os07g0101300		BHLH domain-containing protein
maker-7-augustus-gene-1.56-mRNA-1	Indica	NA		Os07g0102500	OsR498G0713361200.01.T01	HTH La-type RNA-binding domain-containing protein (Fragment)
maker-7-augustus-gene-11.0-mRNA-1	Indica	NA				
maker-7-augustus-gene-11.2-mRNA-1	Indica	NA		Os07g0128800	OsR498G0713450900.01.T01	Pathogenesis-related protein class 1
maker-7-augustus-gene-12.46-mRNA-1	Indica	NA		Os07g0129700	OsR498G0713458300.01.T01	Homeobox protein rough sheath 1
maker-7-augustus-gene-12.47-mRNA-1	Indica	NA		Os07g0129700	OsR498G0713458300.01.T01	Homeobox protein rough sheath 1
maker-7-augustus-gene-12.50-mRNA-1	Indica	NA		Os07g0131600	OsR498G0713463100.01.T01	Sugar transport protein 3
maker-7-augustus-gene-12.52-mRNA-1	Indica	NA	Kinase-TM	Os07g0129800	OsR498G0713458800.01.T01	Putative receptor kinase Lecrk
maker-7-augustus-gene-12.54-mRNA-1	Indica	NA	Kinase-TM	Os07g0131000		L-type lectin-domain containing receptor kinase IV.1
maker-7-augustus-gene-13.0-mRNA-1	Indica	NA		Os07g0132300	OsR498G0713464300.01.T05	EPIDERMAL PATTERNING FACTOR-like protein 2
maker-7-augustus-gene-13.7-mRNA-1	Indica	NA		Os07g0133500	OsR498G0713466600.01.T01	Formin-like protein 18
maker-7-augustus-gene-13.9-mRNA-1	Indica	NA		Os07g0134000	OsR498G0713468000.01.T01	Amino acid transporter
maker-7-augustus-gene-150.33-mRNA-1	Indica	Indica		Os07g0448100	OsR498G0714192500.01.T01	Aquaporin
maker-7-augustus-gene-181.0-mRNA-1	Indica	NA		Os07g0495000	OsR498G0714350300.01.T06	Ureidoglycine aminohydrolase
maker-7-augustus-gene-181.16-mRNA-1	Indica	NA		Os07g0495200	OsR498G0714351000.01.T01	ATPase, F1 complex, delta/epsilon subunit
maker-7-augustus-gene-181.19-mRNA-1	Indica	Indica		Os07g0495300	OsR498G0714351200.01.T03	H+-transporting two-sector ATPase family protein
maker-7-augustus-gene-181.4-mRNA-1	Indica	NA		Os07g0495100	OsR498G0714350500.01.T01	Casein kinase II subunit beta
maker-7-augustus-gene-181.8-mRNA-1	Indica	NA	Kinase			Receptor-like serine/threonine-protein kinase

maker-7-augustus-gene-182.18-mRNA-1	Indica	NA		Os07g0496600		SWIM-type domain-containing protein
maker-7-augustus-gene-182.20-mRNA-1	Indica	NA		Os07g0496900	OsR498G0714356900.01.T02	2-oxoglutarate and FeII-dependent oxygenase superfamily protein isoform 2
maker-7-augustus-gene-182.24-mRNA-1	Indica	NA		Os07g0496000	OsR498G0714353000.01.T01	GTP-binding protein Rab6
maker-7-augustus-gene-182.8-mRNA-1	Indica	NA		Os07g0496200	OsR498G0714353900.01.T01	Malic enzyme
maker-7-augustus-gene-183.0-mRNA-1	Indica	NA			OsR498G0714357500.01.T01	peptide-N(4)-(N-acetyl-beta- glucosaminy)l asparagine amidase
maker-7-augustus-gene-183.12-mRNA-1	Indica	NA		Os07g0498900	OsR498G0714363100.01.T01	Protein trichome birefringence-like protein 13
maker-7-augustus-gene-183.14-mRNA-1	Indica	NA			OsR498G0714357200.01.T02	CHD3-type chromatin remodeling factor D
maker-7-augustus-gene-183.20-mRNA-1	Indica	NA		Os07g0497500	OsR498G0714358000.01.T01	Transcription factor like
maker-7-augustus-gene-183.22-mRNA-1	Indica	NA	Kinase-LRR-TM	Os07g0498400	OsR498G0714359600.01.T01	LRR receptor-like serine/threonine-protein kinase
maker-7-augustus-gene-183.24-mRNA-1	Indica	NA		Os07g0498800	OsR498G0714362600.01.T04	Ubiquitin-like domain-containing protein
maker-7-augustus-gene-183.8-mRNA-1	Indica	NA			OsR498G0714359300.01.T02	Excitatory amino acid transporter
maker-7-augustus-gene-184.0-mRNA-1	Indica	NA		Os07g0499800	OsR498G0714366700.01.T02	RING/U-box superfamily protein
maker-7-augustus-gene-185.37-mRNA-1	Indica	NA		Os07g0500300	OsR498G0714368300.01.T01	Synaptotagmin-4
maker-7-augustus-gene-185.41-mRNA-1	Indica	NA		Os07g0501100	OsR498G0714371600.01.T01	Chalcone synthase 2
maker-7-augustus-gene-186.28-mRNA-1	Indica	NA			OsR498G0714374000.01.T05	Transmembrane E3 ubiquitin-protein ligase 1
maker-7-augustus-gene-186.34-mRNA-1	Indica	Indica		Os07g0502200	OsR498G0714374800.01.T01	Protein DETOXIFICATION
maker-7-augustus-gene-188.32-mRNA-1	Indica	NA		Os07g0506000	OsR498G0714387600.01.T01	Organic solute transporter subunit alpha/Transmembrane protein
maker-7-augustus-gene-189.27-mRNA-1	Indica	NA		Os07g0507700	OsR498G0714393300.01.T02	Bromo domain-containing protein
maker-7-augustus-gene-189.43-mRNA-1	Indica	NA			OsR498G0714392400.01.T02	Targeting protein for Xklp2
maker-7-augustus-gene-189.51-mRNA-1	Indica	NA	Kinase-TM	Os07g0507300	OsR498G0714392600.01.T04	germinal center kinase 1 isoform X3
maker-7-augustus-gene-189.63-mRNA-1	Indica	NA		Os07g0507600	OsR498G0714393200.01.T03	PMD domain-containing protein (Fragment)
maker-7-augustus-gene-193.13-mRNA-1	Indica	NA			OsR498G0714420400.01.T01	DUF629 domain-containing protein
maker-7-augustus-gene-195.56-mRNA-1	Indica	NA		Os07g0516500		mediator of RNA polymerase II transcription subunit 15a-like
maker-7-augustus-gene-201.0-mRNA-1	Indica	NA		Os07g0527000	OsR498G0714474100.01.T01	
maker-7-augustus-gene-201.7-mRNA-1	Indica	Japonica		Os07g0527600	OsR498G0714476000.01.T01	Putative carboxylesterase 13
maker-7-augustus-gene-202.39-mRNA-1	Indica	NA			OsR498G0714478300.01.T01	GDSL esterase/lipase
maker-7-augustus-gene-202.41-mRNA-1	Indica	NA			OsR498G0714478700.01.T01	GDSL esterase/lipase
maker-7-augustus-gene-202.43-mRNA-1	Indica	Japonica		Os07g0528900	OsR498G0714480300.01.T01	t-SNARE coiled-coil homology domain-containing protein (Fragment)
maker-7-augustus-gene-202.46-mRNA-1	Indica	NA		Os07g0529600	OsR498G0714482300.01.T01	Thiamine thiazole synthase, chloroplastic
maker-7-augustus-gene-203.16-mRNA-1	Indica	NA		Os07g0530100	OsR498G0714483400.01.T01	Tyrosyl-DNA phosphodiesterase
maker-7-augustus-gene-203.23-mRNA-1	Indica	NA		Os07g0530400		F-box domain containing protein-like
maker-7-augustus-gene-203.6-mRNA-1	Indica	NA			OsR498G0714486700.01.T01	Peroxidase
maker-7-augustus-gene-203.8-mRNA-1	Indica	NA		Os07g0531400	OsR498G0714487100.01.T01	Peroxidase
maker-7-augustus-gene-205.0-mRNA-1	Indica	NA			OsR498G0714492700.01.T01	Homeobox domain-containing protein (Fragment)
maker-7-augustus-gene-205.14-mRNA-1	Indica	NA	Kinase-TM	Os07g0534700	OsR498G0714497100.01.T02	Cysteine-rich receptor-like protein kinase 25
maker-7-augustus-gene-205.2-mRNA-1	Indica	NA			OsR498G0714494500.01.T01	Thylakoid lumenal 15.0 kDa protein 2 chloroplastic
maker-7-augustus-gene-205.9-mRNA-1	Indica	NA	Kinase-TM		OsR498G0714496300.01.T01	Receptor-like serine/threonine-protein kinase
maker-7-augustus-gene-206.10-mRNA-1	Indica	Indica	Kinase-TM	Os07g0628700	OsR498G0714502100.01.T01	Cysteine-rich receptor-like protein kinase 8
maker-7-augustus-gene-207.46-mRNA-1	Indica	NA	Kinase-TM		OsR498G0714502300.01.T01	Cysteine-rich receptor-like protein kinase 8
maker-7-augustus-gene-207.58-mRNA-1	Indica	Indica	Kinase-TM	Os07g0537900	OsR498G0714507500.01.T01	Cysteine-rich receptor-like protein kinase 8
maker-7-augustus-gene-207.71-mRNA-1	Indica	Indica	Kinase-TM	Os07g0537900	OsR498G0714504400.01.T04	Cysteine-rich receptor-like protein kinase 8
maker-7-augustus-gene-207.76-mRNA-1	Indica	NA		Os07g0539100	OsR498G0714508400.01.T02	Glucan endo-1,3-beta-D-glucosidase
maker-7-augustus-gene-207.81-mRNA-1	Indica	NA				Glucan endo-1,3-beta-D-glucosidase
maker-7-augustus-gene-208.36-mRNA-1	Indica	NA	Kinase-TM	Os07g0541000	OsR498G0714516300.01.T01	Receptor-like serine-threonine protein kinase
maker-7-augustus-gene-208.38-mRNA-1	Indica	Japonica		Os07g0539900	OsR498G0714510800.01.T02	Glucan endo-1,3-beta-D-glucosidase
maker-7-augustus-gene-208.47-mRNA-1	Indica	NA			OsR498G0714514000.01.T02	DCD domain-containing protein (Fragment)
maker-7-augustus-gene-209.0-mRNA-1	Indica	NA	Kinase-TM	Os07g0541400	OsR498G0714516900.01.T02	Cysteine-rich receptor kinase
maker-7-augustus-gene-209.11-mRNA-1	Indica	NA	Kinase-TM	Os07g0540800	OsR498G0714515800.01.T01	Receptor-like serine-threonine protein kinase
maker-7-augustus-gene-209.12-mRNA-1	Indica	NA	Kinase-TM	Os07g0541000	OsR498G0714516800.01.T01	Cysteine-rich receptor-like protein kinase 10
maker-7-augustus-gene-209.21-mRNA-1	Indica	Indica	Kinase-TM	Os07g0541500	OsR498G0714517200.01.T02	Cysteine-rich receptor kinase
maker-7-augustus-gene-210.47-mRNA-1	Indica	NA	Kinase-TM	Os07g0542400	OsR498G0714519200.01.T05	Putative Zea mays retrotransposon Opie-2
maker-7-augustus-gene-217.0-mRNA-1	Indica	NA			OsR498G0714556100.01.T03	Eukaryotic translation initiation factor 4G
maker-7-augustus-gene-218.16-mRNA-1	Indica	Indica		Os07g0557200	OsR498G0714563000.01.T01	Equilibrative nucleotide transporter like
maker-7-augustus-gene-218.17-mRNA-1	Indica	NA		Os07g0557400	OsR498G0714563000.01.T01	Equilibrative nucleoside transporter
maker-7-augustus-gene-229.47-mRNA-1	Indica	Indica		Os07g0573300	OsR498G0714613700.01.T01	FYVE-type domain-containing protein (Fragment)
maker-7-augustus-gene-23.32-mRNA-1	Indica	Japonica		Os07g0151901	OsR498G0713527800.01.T01	
maker-7-augustus-gene-231.60-mRNA-1	Indica	Indica		Os07g0576500	OsR498G0714622800.01.T01	Indole-3-acetic acid amido synthetase
maker-7-augustus-gene-241.2-mRNA-1	Indica	NA		Os07g0598000	OsR498G0714699100.01.T01	Dihydroflavonol-4-reductase
maker-7-augustus-gene-241.6-mRNA-1	Indica	NA			OsR498G0714699300.01.T04	21S rRNA (GM2251-2'-O)-methyltransferase
maker-7-augustus-gene-242.49-mRNA-1	Indica	NA		Os07g0598700	OsR498G0714702000.01.T02	Golgin subfamily A member 4 isoform X1
maker-7-augustus-gene-243.39-mRNA-1	Indica	NA		Os07g0602200	OsR498G0714712900.01.T04	Histone deacetylase

maker-7-augustus-gene-26.3-mRNA-1	Indica	NA		Os07g0155600	OsR498G0713546500.01.T02	Ethylene insensitive
maker-7-augustus-gene-27.31-mRNA-1	Indica	NA		Os07g0158900	OsR498G0713555000.01.T04	FBD domain-containing protein
maker-7-augustus-gene-27.35-mRNA-1	Indica	NA		Os07g0159500	OsR498G0713558200.01.T02	Putative arylformamidase
maker-7-augustus-gene-28.39-mRNA-1	Indica	NA			OsR498G0713563700.01.T04	F-box domain-containing protein
maker-7-augustus-gene-28.41-mRNA-1	Indica	NA			OsR498G0713563700.01.T06	FBD domain-containing protein
maker-7-augustus-gene-28.45-mRNA-1	Indica	Indica	Kinase-TM	Os07g0159700	OsR498G0713558800.01.T02	Protein kinase domain-containing protein (Fragment)
maker-7-augustus-gene-28.49-mRNA-1	Indica	NA		Os07g0160400	OsR498G0713563400.01.T01	VOC domain-containing protein (Fragment)
maker-7-augustus-gene-33.76-mRNA-1	Indica	NA				2-oxoisovalerate dehydrogenase subunit beta
maker-7-augustus-gene-33.86-mRNA-1	Indica	Indica		Os07g0171200	OsR498G0713599800.01.T01	ADP-glucose phosphorylase
maker-7-augustus-gene-34.53-mRNA-1	Indica	NA			OsR498G0713603300.01.T01	
maker-7-augustus-gene-34.54-mRNA-1	Indica	NA		Os07g0172900	OsR498G0713603500.01.T05	Folate-biopterin transporter 1 chloroplastic
maker-7-augustus-gene-34.65-mRNA-1	Indica	NA			OsR498G0713605500.01.T05	Acyl-CoA N-acyltransferase with RING/FYVE/PHD-type zinc finger protein
maker-7-augustus-gene-34.70-mRNA-1	Indica	NA		Os07g0173700	OsR498G0713605700.01.T01	40S ribosomal protein S18 isoform B
maker-7-augustus-gene-34.73-mRNA-1	Indica	Indica		Os07g0174400	OsR498G0713606300.01.T01	AAI domain-containing protein (Fragment)
maker-7-augustus-gene-34.75-mRNA-1	Indica	NA		Os07g0172500	OsR498G0713602200.01.T01	DNA-directed RNA polymerases II IV and V subunit 11
maker-7-augustus-gene-34.79-mRNA-1	Indica	Indica		Os07g0173200	OsR498G0713604200.01.T03	5-methyltetrahydropteroylglutamate--homocysteine S-methyltransferase
maker-7-augustus-gene-35.44-mRNA-1	Indica	Japonica		Os07g0175000	OsR498G0713608300.01.T01	AAI domain-containing protein
maker-7-augustus-gene-35.46-mRNA-1	Indica	NA		Os07g0175400	OsR498G0713610100.01.T01	Inwardly rectifying potassium channel subunit
maker-7-augustus-gene-35.49-mRNA-1	Indica	NA		Os07g0175500	OsR498G0713610300.01.T01	AAI domain-containing protein (Fragment)
maker-7-augustus-gene-35.51-mRNA-1	Indica	NA		Os07g0175600	OsR498G0713610900.01.T01	non-specific lipid-transfer protein-like protein At2g13820
maker-7-augustus-gene-35.58-mRNA-1	Indica	NA		Os07g0174900	OsR498G0713608000.01.T01	AAI domain-containing protein
maker-7-augustus-gene-35.60-mRNA-1	Indica	NA		Os07g0175100		protein ANTAGONIST OF LIKE HETEROCHROMATIN PROTEIN 1
maker-7-augustus-gene-35.62-mRNA-1	Indica	Indica		Os07g0175300	OsR498G0713609400.01.T01	FLZ-type domain-containing protein (Fragment)
maker-7-augustus-gene-38.0-mRNA-1	Indica	Indica		Os11g0135900	OsR498G0713631300.01.T04	MFS domain-containing protein
maker-7-augustus-gene-40.44-mRNA-1	Indica	NA			OsR498G0713637100.01.T03	DNA (cytosine-5)-methyltransferase
maker-7-augustus-gene-41.14-mRNA-1	Indica	NA		Os07g0186000	OsR498G0713649800.01.T01	Thioredoxin H-type like
maker-7-augustus-gene-9.19-mRNA-1	Indica	Indica		Os03g0770800	OsR498G0713440600.01.T01	Probable xyloglucan glycosyltransferase 1
maker-7-augustus-gene-9.22-mRNA-1	Indica	NA		Os07g0124800	OsR498G0713441000.01.T02	J domain-containing protein (Fragment)
maker-7-augustus-gene-9.5-mRNA-1	Indica	Indica		Os07g0124700	OsR498G0713440300.01.T02	AP2/ERF domain-containing transcription factor
maker-8-augustus-gene-100.32-mRNA-1	Indica	NA		Os08g0260600	OsR498G0815571400.01.T01	Tetraspanin-8
maker-8-augustus-gene-102.41-mRNA-1	Indica	NA			OsR498G0408029600.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-8-augustus-gene-103.0-mRNA-1	Indica	NA			OsR498G0815582300.01.T01	Lactation elevated protein 1
maker-8-augustus-gene-103.14-mRNA-1	Indica	NA		Os08g0266700	OsR498G0815585700.01.T01	Sister chromatid cohesion 1 protein 3
maker-8-augustus-gene-104.0-mRNA-1	Indica	NA				F-box domain-containing protein
maker-8-augustus-gene-104.10-mRNA-1	Indica	NA		Os08g0267800	OsR498G0815589400.01.T01	F-box domain-containing protein
maker-8-augustus-gene-104.2-mRNA-1	Indica	NA			OsR498G0815591300.01.T02	DNA-directed RNA polymerase III subunit RPC5
maker-8-augustus-gene-104.6-mRNA-1	Indica	NA		Os08g0267300		Peptidase A1 domain-containing protein (Fragment)
maker-8-augustus-gene-104.8-mRNA-1	Indica	Indica		Os08g0267800	OsR498G0815588800.01.T01	F-box domain-containing protein
maker-8-augustus-gene-105.29-mRNA-1	Indica	NA		Os08g0270200	OsR498G0815595900.01.T01	Nuclear nucleic acid-binding protein C1D
maker-8-augustus-gene-105.33-mRNA-1	Indica	Indica		Os08g0269600	OsR498G0815593400.01.T01	
maker-8-augustus-gene-105.35-mRNA-1	Indica	NA		Os08g0269700	OsR498G0815593600.01.T01	
maker-8-augustus-gene-105.37-mRNA-1	Indica	Indica		Os08g0269800	OsR498G0815593800.01.T02	F-box protein SKIP1
maker-8-augustus-gene-106.31-mRNA-1	Indica	Indica		Os08g0270466	OsR498G0815597600.01.T01	Cinnamyl-alcohol dehydrogenase
maker-8-augustus-gene-110.33-mRNA-1	Indica	NA		Os08g0277200	OsR498G0815620900.01.T01	Epimerase domain-containing protein (Fragment)
maker-8-augustus-gene-110.35-mRNA-1	Indica	Indica		Os08g0240000	OsR498G0815621600.01.T01	Sulfotransferase
maker-8-augustus-gene-113.32-mRNA-1	Indica	NA			OsR498G0815633900.01.T03	Formin-like protein 6
maker-8-augustus-gene-114.0-mRNA-1	Indica	Indica		Os02g0116300	OsR498G0815634100.01.T01	Probable metal-nicotianamine transporter YSL17
maker-8-augustus-gene-115.41-mRNA-1	Indica	NA		Os08g0282000	OsR498G0815638800.01.T01	Tobamovirus multiplication protein like
maker-8-augustus-gene-119.0-mRNA-1	Indica	NA		Os08g0288200	OsR498G0815658200.01.T02	Adenylate kinase
maker-8-augustus-gene-124.27-mRNA-1	Indica	NA				ubiquitin-like domain-containing protein CIP73 isoform X1
maker-8-augustus-gene-125.24-mRNA-1	Indica	NA		Os08g0307400	OsR498G0815726600.01.T05	Phosphatidylinositol 3-kinase
maker-8-augustus-gene-125.31-mRNA-1	Indica	NA		Os08g0295300	OsR498G0815686000.01.T01	Threonyl-tRNA synthetase
maker-8-augustus-gene-125.37-mRNA-1	Indica	NA		Os08g0307500		PHD finger protein ING
maker-8-augustus-gene-126.0-mRNA-1	Indica	NA		Os08g0307000	OsR498G0815725100.01.T05	AAA domain-containing protein
maker-8-augustus-gene-128.32-mRNA-1	Indica	NA			OsR498G0100616300.01.T02	ATP-dependent DNA helicase
maker-8-augustus-gene-129.47-mRNA-1	Indica	NA			OsR498G0815694100.01.T01	Fatty acyl-CoA reductase
maker-8-augustus-gene-13.37-mRNA-1	Indica	NA		Os08g0121800	OsR498G0815093500.01.T01	
maker-8-augustus-gene-149.39-mRNA-1	Indica	NA		Os08g0327400	OsR498G0815789900.01.T05	Enoyl-ACP reductase
maker-8-augustus-gene-149.44-mRNA-1	Indica	NA		Os08g0327200	OsR498G0815788600.01.T01	Exopolysaccharuronase
maker-8-augustus-gene-152.35-mRNA-1	Indica	Indica		Os09g0281900	OsR498G0815804700.01.T04	Mediator of RNA polymerase II transcription subunit 14
maker-8-augustus-gene-153.0-mRNA-1	Indica	NA			OsR498G0815813000.01.T01	Pre-mRNA-splicing factor ATP-dependent RNA helicase DEAH1

maker-8-augustus-gene-156.31-mRNA-1	Indica	NA				general transcription and DNA repair factor IIH subunit TFB1-1-like isoform X
maker-8-augustus-gene-159.13-mRNA-1	Indica	Indica		Os08g0344300	OsR498G0815843700.01.T03	Mitochondrial pyruvate carrier
maker-8-augustus-gene-159.16-mRNA-1	Indica	NA		Os08g0344600	OsR498G0815845300.01.T01	Phosphoenolpyruvate/phosphate translocator like
maker-8-augustus-gene-160.28-mRNA-1	Indica	Indica		Os08g0345400	OsR498G0815848100.01.T02	Rho GTPase-activating protein 21-A (Fragment)
maker-8-augustus-gene-160.39-mRNA-1	Indica	Indica		Os08g0345800	OsR498G0815850400.01.T01	Glucose-1-phosphate adenylyltransferase small subunit, chloroplastic/amylo
maker-8-augustus-gene-161.4-mRNA-1	Indica	NA			OsR498G0511410300.01.T03	Solanesyl diphosphate synthase 2 chloroplastic
maker-8-augustus-gene-167.31-mRNA-1	Indica	NA		Os08g0349100	OsR498G0815862900.01.T01	Dirigent protein (Fragment)
maker-8-augustus-gene-168.20-mRNA-1	Indica	NA		Os08g0349100	OsR498G0815862900.01.T01	Dirigent protein (Fragment)
maker-8-augustus-gene-17.36-mRNA-1	Indica	NA		Os08g0129500	OsR498G0815110600.01.T01	Electron carrier/ iron ion binding protein
maker-8-augustus-gene-17.39-mRNA-1	Indica	NA		Os08g0129600	OsR498G0815110800.01.T02	Protein CHUP1, chloroplastic isoform A
maker-8-augustus-gene-180.24-mRNA-1	Indica	NA		Os08g0363000	OsR498G0815846800.01.T01	F-box domain containing protein, expressed
maker-8-augustus-gene-189.23-mRNA-1	Indica	NA		Os08g0374100	OsR498G0815943800.01.T01	UBC core domain-containing protein (Fragment)
maker-8-augustus-gene-189.26-mRNA-1	Indica	Indica		Os08g0374200	OsR498G0815944200.01.T01	UBC core domain-containing protein
maker-8-augustus-gene-19.9-mRNA-1	Indica	NA		Os08g0133000	OsR498G0815124300.01.T02	Cysteine dioxygenase
maker-8-augustus-gene-190.0-mRNA-1	Indica	Indica	Kinase-TM	Os08g0374600	OsR498G0815946800.01.T03	Cytokinin-regulated kinase-like
maker-8-augustus-gene-190.2-mRNA-1	Indica	NA		Os08g0374800	OsR498G0815947600.01.T01	UDP-glucose 4-epimerase 4
maker-8-augustus-gene-191.10-mRNA-1	Indica	NA	Kinase-LRR-TM	Os08g0376300	OsR498G0815955000.01.T01	Receptor-like protein kinase 5
maker-8-augustus-gene-192.33-mRNA-1	Indica	NA		Os08g0377400	OsR498G0815960600.01.T05	RNA exonuclease 4
maker-8-augustus-gene-192.35-mRNA-1	Indica	NA		Os08g0378900	OsR498G0815961200.01.T02	Thioredoxin-like protein CITRX, chloroplastic
maker-8-augustus-gene-193.36-mRNA-1	Indica	NA		Os08g0379300	OsR498G0815961900.01.T06	Phosphoglucan phosphatase LSF
maker-8-augustus-gene-193.41-mRNA-1	Indica	NA		Os08g0380100	OsR498G0815964500.01.T03	BURP domain-containing protein 12
maker-8-augustus-gene-193.43-mRNA-1	Indica	NA		Os08g0379400	OsR498G0815962200.01.T01	2-methylene-furan-3-one reductase
maker-8-augustus-gene-194.8-mRNA-1	Indica	NA				
maker-8-augustus-gene-195.13-mRNA-1	Indica	NA		Os08g0384100	OsR498G0815974800.01.T01	double-stranded RNA-binding protein 3-like
maker-8-augustus-gene-195.17-mRNA-1	Indica	Indica		Os08g0384500	OsR498G0815975800.01.T02	ABC transporter domain-containing protein
maker-8-augustus-gene-195.4-mRNA-1	Indica	Indica		Os08g0384000	OsR498G0815974500.01.T01	probable transmembrane ascorbate ferrioreductase 2
maker-8-augustus-gene-20.35-mRNA-1	Indica	NA				Skp1 domain-containing protein
maker-8-augustus-gene-20.38-mRNA-1	Indica	NA			OsR498G0307051300.01.T01	Cysteine dioxygenase
maker-8-augustus-gene-203.30-mRNA-1	Indica	NA		Os08g0397900	OsR498G0816026100.01.T01	Putative S-acyltransferase
maker-8-augustus-gene-203.33-mRNA-1	Indica	NA		Os08g0398300	OsR498G0816026500.01.T01	ABC transporter A family member 6
maker-8-augustus-gene-203.36-mRNA-1	Indica	Indica		Os08g0398350	OsR498G0816026900.01.T01	ABC transporter domain-containing protein (Fragment)
maker-8-augustus-gene-203.41-mRNA-1	Indica	NA		Os08g0398400	OsR498G0816027300.01.T06	Hypersensitive-induced response protein 1
maker-8-augustus-gene-203.45-mRNA-1	Indica	NA		Os08g0398700	OsR498G0816027700.01.T01	Aminopeptidase
maker-8-augustus-gene-203.51-mRNA-1	Indica	NA		Os08g0398000	OsR498G0816026400.01.T01	ABC transporter domain-containing protein (Fragment)
maker-8-augustus-gene-203.55-mRNA-1	Indica	NA		Os08g0398500	OsR498G0816027600.01.T01	H/ACA ribonucleoprotein complex subunit CBF5
maker-8-augustus-gene-204.2-mRNA-1	Indica	NA		Os08g0400300	OsR498G0816031900.01.T04	DnaJ subfamily C member 2, N-terminally processed like
maker-8-augustus-gene-204.6-mRNA-1	Indica	Indica		Os08g0400800	OsR498G0816032500.01.T02	F-box domain containing protein, expressed
maker-8-augustus-gene-204.9-mRNA-1	Indica	NA		Os08g0401100	OsR498G0816033100.01.T01	PGG domain-containing protein
maker-8-augustus-gene-205.4-mRNA-1	Indica	NA		Os08g0401500	OsR498G0816035400.01.T02	
maker-8-augustus-gene-205.7-mRNA-1	Indica	NA		Os08g0401800	OsR498G0816036000.01.T01	Phospholipase D
maker-8-augustus-gene-21.38-mRNA-1	Indica	NA		Os08g0135400	OsR498G0815132500.01.T01	E3 ubiquitin-protein like
maker-8-augustus-gene-21.42-mRNA-1	Indica	NA		Os08g0135800	OsR498G0815133100.01.T02	Zinc finger CCH domain-containing protein 55
maker-8-augustus-gene-21.44-mRNA-1	Indica	NA		Os08g0135900	OsR498G0815133300.01.T01	Tryptophan synthase beta chain 2, chloroplastic
maker-8-augustus-gene-21.56-mRNA-1	Indica	NA			OsR498G0815133000.01.T01	Mediator of RNA polymerase II transcription subunit 21
maker-8-augustus-gene-21.58-mRNA-1	Indica	Indica		Os04g0627000	OsR498G0815133600.01.T01	Homeobox-leucine zipper protein ROC7
maker-8-augustus-gene-210.50-mRNA-1	Indica	NA	CC-LRR-NBS-TM		OsR498G0816075400.01.T01	Disease resistance protein RPM1
maker-8-augustus-gene-210.59-mRNA-1	Indica	NA		Os08g0412500	OsR498G0816077400.01.T03	Mitochondrial pyruvate carrier
maker-8-augustus-gene-210.62-mRNA-1	Indica	NA			OsR498G0816077600.01.T01	Ecotropic viral integration site 5 protein isogeny
maker-8-augustus-gene-211.53-mRNA-1	Indica	NA		Os08g0414200	OsR498G0816080700.01.T01	RING-type E3 ubiquitin transferase BRCA1
maker-8-augustus-gene-211.55-mRNA-1	Indica	NA		Os08g0414300	OsR498G0816080900.01.T01	Cyclic AMP-responsive element-binding protein like
maker-8-augustus-gene-211.59-mRNA-1	Indica	NA		Os08g0413000	OsR498G0816078200.01.T01	Cell division control protein 48
maker-8-augustus-gene-212.49-mRNA-1	Indica	NA		Os08g0414700	OsR498G0816083200.01.T01	Trehalose-phosphatase/synthase 9
maker-8-augustus-gene-212.56-mRNA-1	Indica	NA		Os08g0416100	OsR498G0816086800.01.T01	DEAD-box ATP-dependent RNA helicase 29
maker-8-augustus-gene-215.49-mRNA-1	Indica	NA			OsR498G0816099200.01.T01	Cyclin N-terminal domain-containing protein
maker-8-augustus-gene-215.52-mRNA-1	Indica	NA	CC-Kinase-TM Pi33	Os08g0421800	OsR498G0816100400.01.T01	Pyricularia oryzae resistance-33(t) Pi33 R gene
maker-8-augustus-gene-222.21-mRNA-1	Indica	NA		Os08g0432500	OsR498G0816144000.01.T01	ATP-dependent Clp protease adaptor protein ClpS containing protein
maker-8-augustus-gene-222.25-mRNA-1	Indica	NA		Os08g0432800	OsR498G0816145600.01.T01	Transcription factor bHLH30 like
maker-8-augustus-gene-223.39-mRNA-1	Indica	NA		Os08g0433200	OsR498G0816148700.01.T03	Cytosolic fe-s cluster assembly factor nar1
maker-8-augustus-gene-223.41-mRNA-1	Indica	NA		Os08g0434000	OsR498G0816150900.01.T05	Selenium-binding protein-like
maker-8-augustus-gene-223.42-mRNA-1	Indica	NA		Os08g0434100	OsR498G0816151100.01.T01	Wounding-induced ribonuclease
maker-8-augustus-gene-223.50-mRNA-1	Indica	NA		Os08g0433400	OsR498G0816149200.01.T05	MIXTA1 transcription factor

maker-8-augustus-gene-224.0-mRNA-1	Indica	NA			OsR498G0816153900.01.T02	Putative mannan synthase 7
maker-8-augustus-gene-224.5-mRNA-1	Indica	NA				Myb-related protein 2
maker-8-augustus-gene-225.31-mRNA-1	Indica	Japonica		Os08g0435700	OsR498G0816157500.01.T01	Transcription factor MYB105
maker-8-augustus-gene-225.34-mRNA-1	Indica	NA		Os08g0436100	OsR498G0816159500.01.T04	Apyrase 6
maker-8-augustus-gene-225.45-mRNA-1	Indica	NA		Os08g0435800	OsR498G0816158800.01.T02	Biotinyl protein ligase (BPL) and lipoyl protein ligase (LPL), catalytic domain c
maker-8-augustus-gene-225.48-mRNA-1	Indica	NA		Os08g0435900	OsR498G0816159000.01.T01	Chlorophyll a-b binding protein, chloroplastic
maker-8-augustus-gene-225.51-mRNA-1	Indica	NA		Os08g0436000	OsR498G0816159200.01.T01	Polypyrimidine tract-binding protein isogeny 1
maker-8-augustus-gene-226.24-mRNA-1	Indica	NA		Os08g0438600	OsR498G0816166700.01.T02	Exostosin domain-containing protein (Fragment)
maker-8-augustus-gene-227.12-mRNA-1	Indica	NA				Temperature-induced lipocalin-2
maker-8-augustus-gene-227.14-mRNA-1	Indica	NA				Poly(A)-specific ribonuclease PARN-like
maker-8-augustus-gene-227.20-mRNA-1	Indica	NA		Os08g0440000	OsR498G0816170600.01.T03	Golgi SNAP receptor complex member 1
maker-8-augustus-gene-228.34-mRNA-1	Indica	NA		Os08g0440800	OsR498G0816174900.01.T01	Aldedh domain-containing protein
maker-8-augustus-gene-228.42-mRNA-1	Indica	NA				Glycosyltransferase 39 like protein (Fragment)
maker-8-augustus-gene-228.46-mRNA-1	Indica	NA			OsR498G0816175400.01.T01	Omega-6 fatty acid desaturase chloroplastic
maker-8-augustus-gene-230.0-mRNA-1	Indica	NA		Os08g0445700	OsR498G0816196900.01.T01	Trehalose-phosphatase
maker-8-augustus-gene-231.37-mRNA-1	Indica	NA	Kinase-LRR-TM		OsR498G0816198400.01.T04	Receptor-like protein kinase
maker-8-augustus-gene-231.39-mRNA-1	Indica	Indica		Os06g0655100	OsR498G0816202800.01.T01	D-3-phosphoglycerate dehydrogenase
maker-8-augustus-gene-231.42-mRNA-1	Indica	NA		Os08g0447200	OsR498G0816204200.01.T01	Protein ecdysoneless like
maker-8-augustus-gene-232.51-mRNA-1	Indica	NA		Os08g0447900	OsR498G0816205500.01.T02	Adenylyl cyclase-associated protein
maker-8-augustus-gene-232.53-mRNA-1	Indica	Japonica		Os08g0447300	OsR498G0816204600.01.T04	DUF676 domain-containing protein
maker-8-augustus-gene-232.60-mRNA-1	Indica	NA			OsR498G0816205000.01.T02	Dentin sialophosphoprotein-related
maker-8-augustus-gene-232.62-mRNA-1	Indica	NA		Os08g0448000	OsR498G0816205800.01.T02	4-coumarate--CoA ligase
maker-8-augustus-gene-253.23-mRNA-1	Indica	NA				
maker-8-augustus-gene-260.0-mRNA-1	Indica	Indica	LRR-TM	Os08g0499900	OsR498G0816398100.01.T01	F-box protein At-B
maker-8-augustus-gene-260.26-mRNA-1	Indica	NA		Os08g0500300	OsR498G0816399200.01.T02	PPM-type phosphatase domain-containing protein (Fragment)
maker-8-augustus-gene-275.32-mRNA-1	Indica	NA		Os08g0526500	OsR498G0816500100.01.T02	Ankyrin repeat and SAM domain-containing protein 6
maker-8-augustus-gene-275.35-mRNA-1	Indica	NA				UBA domain-containing protein (Fragment)
maker-8-augustus-gene-275.39-mRNA-1	Indica	NA			OsR498G0816499400.01.T01	E3 ubiquitin ligase RNF4
maker-8-augustus-gene-275.42-mRNA-1	Indica	Indica		Os08g0526400	OsR498G0816499600.01.T02	RPM1-interacting protein 4 isoform B
maker-8-augustus-gene-275.44-mRNA-1	Indica	NA		Os08g0527100	OsR498G0816502800.01.T01	Ubiquitinyl hydrolase 1
maker-8-augustus-gene-275.52-mRNA-1	Indica	NA				Ubiquitinyl hydrolase 1
maker-8-augustus-gene-276.0-mRNA-1	Indica	NA		Os08g0528900	OsR498G0816508900.01.T02	FHA domain-containing protein FHA2
maker-8-augustus-gene-276.19-mRNA-1	Indica	NA		Os08g0528100		Ubiquitinyl hydrolase 1
maker-8-augustus-gene-276.2-mRNA-1	Indica	NA		Os08g0529100	OsR498G0816510300.01.T01	Proteasome endopeptidase complex
maker-8-augustus-gene-276.22-mRNA-1	Indica	NA		Os08g0528500	OsR498G0816507800.01.T02	Probable magnesium transporter
maker-8-augustus-gene-276.26-mRNA-1	Indica	NA		Os08g0528601	OsR498G0816508200.01.T02	GRIP/coiled-coil protein
maker-8-augustus-gene-276.29-mRNA-1	Indica	NA			OsR498G0816508400.01.T01	Mitochondrial transcription termination factor-like family-4
maker-8-augustus-gene-276.30-mRNA-1	Indica	NA		Os08g0528800	OsR498G0816508600.01.T01	Peptidase S1, PA clan
maker-8-augustus-gene-276.32-mRNA-1	Indica	NA		Os08g0529000	OsR498G0816509400.01.T01	Auxin efflux carrier component
maker-8-augustus-gene-276.5-mRNA-1	Indica	NA		Os04g0691400	OsR498G0409539100.01.T01	Peptide transporter PTR1
maker-8-augustus-gene-277.37-mRNA-1	Indica	Indica		Os07g0294800	OsR498G0816513900.01.T01	Regulatory protein-like
maker-8-augustus-gene-277.39-mRNA-1	Indica	NA		Os08g0530400	OsR498G0816515900.01.T01	Sulfite oxidase
maker-8-augustus-gene-277.46-mRNA-1	Indica	NA		Os08g0531000	OsR498G0816517100.01.T02	Purple acid phosphatase
maker-8-augustus-gene-277.54-mRNA-1	Indica	NA		Os08g0531100	OsR498G0816517500.01.T06	65-kDa microtubule-associated protein 8
maker-8-augustus-gene-277.60-mRNA-1	Indica	NA		Os08g0529800	OsR498G0816512800.01.T01	Triacylglycerol lipase 2
maker-8-augustus-gene-277.63-mRNA-1	Indica	NA		Os08g0530200	OsR498G0816514600.01.T01	Ribosomal protein L17c
maker-8-augustus-gene-277.67-mRNA-1	Indica	NA		Os08g0530500	OsR498G0816516200.01.T01	COMM domain-containing protein 9
maker-8-augustus-gene-277.69-mRNA-1	Indica	NA				Auxin response factor 12
maker-8-augustus-gene-278.0-mRNA-1	Indica	NA		Os08g0531300	OsR498G0816518100.01.T01	YrdC-like domain-containing protein (Fragment)
maker-8-augustus-gene-30.34-mRNA-1	Indica	NA		Os08g0148500	OsR498G0815189100.01.T01	
maker-8-augustus-gene-30.65-mRNA-1	Indica	NA				F-box domain-containing protein (Fragment)
maker-8-augustus-gene-31.29-mRNA-1	Indica	NA		Os08g0150700	OsR498G0815197100.01.T01	Phloem-specific lectin
maker-8-augustus-gene-31.39-mRNA-1	Indica	NA			OsR498G0815198500.01.T03	CCA-type MYB transcription factor 1h (Fragment)
maker-8-augustus-gene-31.62-mRNA-1	Indica	NA			OsR498G0815196000.01.T02	FBD domain-containing protein
maker-8-augustus-gene-31.65-mRNA-1	Indica	NA		Os08g0151300	OsR498G0815199200.01.T01	Transcription factor MYB26
maker-8-augustus-gene-32.36-mRNA-1	Indica	NA			OsR498G0815202500.01.T01	Aquaporin NIP3-3
maker-8-augustus-gene-32.38-mRNA-1	Indica	NA		Os08g0152700	OsR498G0815204100.01.T01	Sphingoid long-chain bases kinase 1
maker-8-augustus-gene-32.42-mRNA-1	Indica	NA			OsR498G0815205300.01.T01	Sulfonylurea receptor, P-loop containing nucleoside triphosphate hydrolase
maker-8-augustus-gene-32.45-mRNA-1	Indica	NA				Multidrug/pheromone exporter, MDR family, ABC transporter family
maker-8-augustus-gene-32.46-mRNA-1	Indica	NA		Os08g0152500	OsR498G0815203600.01.T04	Protein ENHANCED DISEASE RESISTANCE 2-like
maker-8-augustus-gene-32.50-mRNA-1	Indica	Indica		Os02g0106800	OsR498G0815204400.01.T02	Transmembrane protein 120

maker-8-augustus-gene-32.54-mRNA-1	Indica	NA			OsR498G0815205000.01.T01	HEAT repeat-containing protein 6
maker-8-augustus-gene-33.40-mRNA-1	Indica	NA		Os08g0154000	OsR498G0815208700.01.T02	Tricin synthase 1
maker-8-augustus-gene-33.44-mRNA-1	Indica	NA		Os08g0154600		DNA topoisomerase I
maker-8-augustus-gene-33.46-mRNA-1	Indica	Indica		Os08g0154700	OsR498G0815210500.01.T01	Sm domain-containing protein (Fragment)
maker-8-augustus-gene-33.61-mRNA-1	Indica	Indica		Os08g0159900	OsR498G0815209400.01.T01	DEAD-box ATP-dependent RNA helicase
maker-8-augustus-gene-33.64-mRNA-1	Indica	Indica		Os08g0154250	OsR498G0815209800.01.T01	Monocopper oxidase
maker-8-augustus-gene-33.66-mRNA-1	Indica	NA		Os08g0154300	OsR498G0815210200.01.T01	Transaldolase
maker-8-augustus-gene-35.30-mRNA-1	Indica	NA		Os08g0156700	OsR498G0815224800.01.T01	MSP domain-containing protein (Fragment)
maker-8-augustus-gene-35.43-mRNA-1	Indica	NA		Os08g0157500	OsR498G0815228600.01.T01	Caffeic acid-O-methyltransferase
maker-8-augustus-gene-36.34-mRNA-1	Indica	Indica		Os08g0157600	OsR498G0815231500.01.T07	Circadian clock associated protein 1
maker-8-augustus-gene-36.39-mRNA-1	Indica	NA		Os08g0158500	OsR498G0815235900.01.T03	PHB domain-containing protein (Fragment)
maker-8-augustus-gene-36.48-mRNA-1	Indica	NA		Os08g0159100	OsR498G0815236900.01.T04	Tobamovirus multiplication protein 2A
maker-8-augustus-gene-36.51-mRNA-1	Indica	NA		Os08g0157800	OsR498G0815232800.01.T01	
maker-8-augustus-gene-36.58-mRNA-1	Indica	NA		Os08g0158900	OsR498G0815236600.01.T02	Nucleolar GTP-binding protein 1
maker-8-augustus-gene-37.19-mRNA-1	Indica	NA		Os08g0159500	OsR498G0815239000.01.T04	LOL1 (LSD ONE LIKE 1)
maker-8-augustus-gene-4.60-mRNA-1	Indica	NA		Os08g0106900		DDE Tnp4 domain-containing protein
maker-8-augustus-gene-40.56-mRNA-1	Indica	NA				Deoxyribonuclease TATDN1
maker-8-augustus-gene-40.61-mRNA-1	Indica	Japonica		Os08g0163900	OsR498G0815262100.01.T01	DUF569 domain-containing protein
maker-8-augustus-gene-41.0-mRNA-1	Indica	NA		Os08g0166450		SWIM-type domain-containing protein
maker-8-augustus-gene-41.11-mRNA-1	Indica	NA		Os08g0167400	OsR498G0815269800.01.T01	Pentatricopeptide (PPR) repeat-containing protein-like
maker-8-augustus-gene-41.14-mRNA-1	Indica	Japonica		Os08g0167600	OsR498G0815270400.01.T01	
maker-8-augustus-gene-41.2-mRNA-1	Indica	NA			OsR498G0815268500.01.T01	ABC transporter domain-containing protein
maker-8-augustus-gene-41.4-mRNA-1	Indica	NA		Os08g0167500	OsR498G0815270100.01.T02	Chlororespiratory reduction 6
maker-8-augustus-gene-41.7-mRNA-1	Indica	Japonica		Os08g0168000	OsR498G0815271100.01.T02	Sesquiterpene synthase
maker-8-augustus-gene-41.9-mRNA-1	Indica	Japonica		Os08g0168150	OsR498G0917743600.01.T01	EIN3-binding F-box protein 1
maker-8-augustus-gene-42.33-mRNA-1	Indica	NA		Os08g0168700	OsR498G0815272900.01.T02	Glycosyltransferase
maker-8-augustus-gene-52.14-mRNA-1	Indica	NA		Os08g0187700	OsR498G0815333200.01.T01	Polyadenylation and cleavage factor homolog 5
maker-8-augustus-gene-53.35-mRNA-1	Indica	NA		Os08g0189200	OsR498G0815337700.01.T01	Germin-like protein 8-3
maker-8-augustus-gene-53.49-mRNA-1	Indica	Japonica		Os08g0190700	OsR498G0815344500.01.T02	CAP-Gly domain-containing linker protein 1-like
maker-8-augustus-gene-53.54-mRNA-1	Indica	Japonica	CC-LRR-NBS-TM	Os08g0190300	OsR498G0815343400.01.T01	
maker-8-augustus-gene-54.2-mRNA-1	Indica	Indica		Os04g0624600	OsR498G0815345700.01.T01	Starch synthase IIIa
maker-8-augustus-gene-54.6-mRNA-1	Indica	NA		Os08g0191600	OsR498G0815346100.01.T04	Autophagy-related protein 8B
maker-8-augustus-gene-57.61-mRNA-1	Indica	Indica		Os08g0197500	OsR498G0815366900.01.T01	F-box domain-containing protein (Fragment)
maker-8-augustus-gene-60.12-mRNA-1	Indica	NA	NBS-TM	Os08g0202400	OsR498G0815386000.01.T02	NB-ARC domain-containing protein
maker-8-augustus-gene-60.8-mRNA-1	Indica	Indica	CC-Kinase-LRR-TM	Os08g0201700	OsR498G0815385700.01.T13	Non-specific serine/threonine protein kinase
maker-8-augustus-gene-85.14-mRNA-1	Indica	Indica		Os08g0236900	OsR498G0815500400.01.T02	
maker-8-augustus-gene-87.11-mRNA-1	Indica	NA				Complex 1 family protein, putative, expressed
maker-8-augustus-gene-87.21-mRNA-1	Indica	NA				
maker-8-augustus-gene-88.38-mRNA-1	Indica	Indica		Os08g0239100	OsR498G0815510300.01.T01	Endo-1,31,4-beta-D-glucanase, putative, expressed
maker-8-augustus-gene-91.5-mRNA-1	Indica	Japonica		Os08g0244500	OsR498G0714509400.01.T03	Glucan endo-1,3-beta-D-glucosidase
maker-8-augustus-gene-91.6-mRNA-1	Indica	NA		Os08g0244500	OsR498G0714509400.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-8-augustus-gene-96.10-mRNA-1	Indica	NA		Os08g0254600	OsR498G0815559000.01.T01	Cyclic nucleotide-gated ion channel 17
maker-8-augustus-gene-96.5-mRNA-1	Indica	NA		Os08g0254500	OsR498G0815558700.01.T05	Preprotein translocase subunit SECY, chloroplastic
maker-8-augustus-gene-97.0-mRNA-1	Indica	NA		Os08g0254900	OsR498G0815559700.01.T01	Glutaryl-tRNA reductase-binding protein chloroplastic
maker-9-augustus-gene-100.40-mRNA-1	Indica	Japonica		Os09g0330700	OsR498G0917172500.01.T01	
maker-9-augustus-gene-101.0-mRNA-1	Indica	NA				Protein disulfide-isomerase
maker-9-augustus-gene-102.26-mRNA-1	Indica	NA		Os09g0331900	OsR498G0917174600.01.T01	
maker-9-augustus-gene-102.29-mRNA-1	Indica	NA		Os09g0332360		ABC transporter domain-containing protein
maker-9-augustus-gene-102.30-mRNA-1	Indica	Indica		Os01g0609066	OsR498G0917178000.01.T01	Pleiotropic drug resistance protein 4
maker-9-augustus-gene-103.30-mRNA-1	Indica	NA		Os09g0333600	OsR498G0917179000.01.T01	ABC transporter domain containing protein,expressed
maker-9-augustus-gene-104.2-mRNA-1	Indica	NA		Os09g0353700	OsR498G0917230700.01.T01	Iron/ascorbate-dependent oxidoreductase-like
maker-9-augustus-gene-109.7-mRNA-1	Indica	NA		Os09g0346600	OsR498G0917207600.01.T03	Short-chain dehydrogenase TIC 32, chloroplastic
maker-9-augustus-gene-112.25-mRNA-1	Indica	NA				Glycerophosphodiester phosphodiesterase
maker-9-augustus-gene-113.29-mRNA-1	Indica	NA		Os02g0545300		Putative ATP synthase subunit
maker-9-augustus-gene-115.2-mRNA-1	Indica	NA	Kinase-TM			Serine/threonine-specific receptor protein kinase-like
maker-9-augustus-gene-117.3-mRNA-1	Indica	Indica	Kinase-TM	Os09g0356800	OsR498G0917240400.01.T05	Protein kinase domain-containing protein
maker-9-augustus-gene-122.2-mRNA-1	Indica	NA			OsR498G0917264000.01.T01	
maker-9-augustus-gene-122.4-mRNA-1	Indica	NA			OsR498G0917264600.01.T01	
maker-9-augustus-gene-13.31-mRNA-1	Indica	Indica		Os09g0115900	OsR498G0916693700.01.T01	DOG1 domain-containing protein
maker-9-augustus-gene-136.28-mRNA-1	Indica	NA				Pyruvate kinase
maker-9-augustus-gene-139.0-mRNA-1	Indica	NA		Os09g0395300	OsR498G0917383500.01.T01	Homeodomain-like superfamily protein, putative isoform 1

maker-9-augustus-gene-139.12-mRNA-1	Indica	Indica		Os09g0395600	OsR498G0917385200.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-9-augustus-gene-141.42-mRNA-1	Indica	Indica		Os09g0400000	OsR498G0917404400.01.T01	Cinnamyl alcohol dehydrogenase 3
maker-9-augustus-gene-141.44-mRNA-1	Indica	NA		Os09g0400400	OsR498G0917405100.01.T01	Cinnamyl alcohol dehydrogenase 3
maker-9-augustus-gene-141.46-mRNA-1	Indica	NA		Os09g0401000	OsR498G0917407900.01.T01	MYB transcriptional factor
maker-9-augustus-gene-141.48-mRNA-1	Indica	NA		Os09g0399800	OsR498G0917404000.01.T01	Cinnamyl alcohol dehydrogenase
maker-9-augustus-gene-141.50-mRNA-1	Indica	Indica		Os09g0400000	OsR498G0917404400.01.T01	Cinnamyl alcohol dehydrogenase 3
maker-9-augustus-gene-142.33-mRNA-1	Indica	Indica		Os09g0401100	OsR498G0917409300.01.T01	Half-size ABCG transporter
maker-9-augustus-gene-142.44-mRNA-1	Indica	NA		Os09g0401200	OsR498G0917409600.01.T06	TPR repeat-containing thioredoxin TDX
maker-9-augustus-gene-142.49-mRNA-1	Indica	NA				DEAD/DEAH box helicase
maker-9-augustus-gene-142.50-mRNA-1	Indica	NA		Os09g0401300	OsR498G0917410000.01.T01	Tify domain-containing protein
maker-9-augustus-gene-144.42-mRNA-1	Indica	NA			OsR498G0917420300.01.T01	
maker-9-augustus-gene-144.54-mRNA-1	Indica	NA		Os09g0406100	OsR498G0917419000.01.T01	
maker-9-augustus-gene-145.39-mRNA-1	Indica	NA	Kinase-TM	Os09g0408800	OsR498G0917427900.01.T01	Cysteine-rich receptor-like protein kinase 10
maker-9-augustus-gene-15.2-mRNA-1	Indica	NA		Os04g0274700	OsR498G0613115000.01.T04	
maker-9-augustus-gene-151.27-mRNA-1	Indica	NA			OsR498G0917466700.01.T02	
maker-9-augustus-gene-151.32-mRNA-1	Indica	NA		Os09g0419200	OsR498G0917467800.01.T01	Cinnamoyl CoA reductase
maker-9-augustus-gene-154.28-mRNA-1	Indica	NA				FAR1 domain-containing protein
maker-9-augustus-gene-154.43-mRNA-1	Indica	NA			OsR498G0407890700.01.T01	
maker-9-augustus-gene-25.35-mRNA-1	Indica	NA				4-diphosphocytidyl-2C-methyl-D-erythritol synthase
maker-9-augustus-gene-25.43-mRNA-1	Indica	NA				
maker-9-augustus-gene-41.6-mRNA-1	Indica	NA		Os09g0248100	OsR498G0916818100.01.T01	Fasciclin-like arabinogalactan protein 2
maker-9-augustus-gene-52.39-mRNA-1	Indica	Indica		Os09g0264400	OsR498G0916863800.01.T01	Flavonoid 3'-monooxygenase
maker-9-augustus-gene-53.34-mRNA-1	Indica	Indica		Os05g0524500	OsR498G0916869900.01.T01	Putative serine/threonine-specific protein kinase
maker-9-augustus-gene-54.0-mRNA-1	Indica	NA		Os09g0266400	OsR498G0916872700.01.T01	Hydrolase acting on ester bonds
maker-9-augustus-gene-71.22-mRNA-1	Indica	NA		Os04g0316800		Transposon protein, putative, unclassified
maker-9-augustus-gene-72.0-mRNA-1	Indica	NA				DDE Tnp4 domain-containing protein (Fragment)
maker-9-augustus-gene-84.12-mRNA-1	Indica	NA				
maker-9-augustus-gene-88.25-mRNA-1	Indica	NA	NBS-TM			NBS-LRR protein (Fragment)
maker-9-augustus-gene-90.13-mRNA-1	Indica	NA		Os09g0318600	OsR498G0917118200.01.T02	NAM-associated domain-containing protein
maker-9-augustus-gene-99.0-mRNA-1	Indica	NA	LRR-NBS-TM	Os09g0327800		NBS-LRR disease resistance protein-like
augustus-1-processed-gene-1.67-mRNA-1	Japonica	NA			OsR498G0100004300.01.T04	Ste24 endopeptidase (Fragment)
augustus-1-processed-gene-1.72-mRNA-1	Japonica	NA		Os01g0101600	OsR498G0100006300.01.T06	Nuclear protein-like
augustus-1-processed-gene-100.51-mRNA-1	Japonica	Japonica		Os01g0862500	OsR498G0509898500.01.T01	IQ-domain 25
augustus-1-processed-gene-102.35-mRNA-1	Japonica	NA		Os01g0283400	OsR498G0100680700.01.T01	
augustus-1-processed-gene-105.7-mRNA-1	Japonica	NA			OsR498G0100702900.01.T01	MADS-box domain-containing protein
augustus-1-processed-gene-106.19-mRNA-1	Japonica	Japonica		Os01g0290600	OsR498G0100711500.01.T01	Putative L-cysteine desulfhydrase chloroplastic
augustus-1-processed-gene-107.17-mRNA-1	Japonica	NA		Os01g0292700	OsR498G0100721100.01.T03	Myosin heavy chain, cardiac protein
augustus-1-processed-gene-108.20-mRNA-1	Japonica	NA		Os01g0293200	OsR498G0100723300.01.T03	PORR domain-containing protein (Fragment)
augustus-1-processed-gene-110.23-mRNA-1	Japonica	NA		Os01g0298400	OsR498G0100734500.01.T01	Transcription factor MYB108
augustus-1-processed-gene-111.52-mRNA-1	Japonica	NA		Os01g0300400		ATP-dependent DNA helicase
augustus-1-processed-gene-113.11-mRNA-1	Japonica	Japonica		Os01g0302900	OsR498G0100517100.01.T01	
augustus-1-processed-gene-113.13-mRNA-1	Japonica	NA		Os01g0303100	OsR498G0100750300.01.T01	Acidic endochitinase
augustus-1-processed-gene-114.34-mRNA-1	Japonica	NA				Transposable element protein, putative, MuDR
augustus-1-processed-gene-115.16-mRNA-1	Japonica	NA		Os01g0306400	OsR498G0100760300.01.T01	DOG1 domain-containing protein (Fragment)
augustus-1-processed-gene-117.14-mRNA-1	Japonica	NA		Os01g0309100	OsR498G0100773300.01.T01	Actin cytoskeleton-regulatory complex protein pan-1-like
augustus-1-processed-gene-118.39-mRNA-1	Japonica	NA		Os01g0311400	OsR498G0100778900.01.T01	RING-H2 finger protein ATL3F
augustus-1-processed-gene-119.52-mRNA-1	Japonica	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class
augustus-1-processed-gene-120.1-mRNA-1	Japonica	Indica		Os03g0341300	OsR498G0100787900.01.T01	Bidirectional sugar transporter SWEET
augustus-1-processed-gene-120.2-mRNA-1	Japonica	NA	NBS-TM		OsR498G0100788500.01.T01	NB-ARC domain-containing protein
augustus-1-processed-gene-121.18-mRNA-1	Japonica	NA			OsR498G0100073600.01.T01	
augustus-1-processed-gene-122.10-mRNA-1	Japonica	NA		Os01g0317800	OsR498G0100798100.01.T01	Caffeoylshikimate esterase
augustus-1-processed-gene-123.7-mRNA-1	Japonica	NA			OsR498G0100809200.01.T01	
augustus-1-processed-gene-125.19-mRNA-1	Japonica	NA				
augustus-1-processed-gene-125.21-mRNA-1	Japonica	NA				Putative mudrA protein-maize transposon MuDR
augustus-1-processed-gene-125.23-mRNA-1	Japonica	NA			OsR498G0100824700.01.T01	Carboxymethylenebutenolidase homolog
augustus-1-processed-gene-127.18-mRNA-1	Japonica	Japonica		Os01g0327000	OsR498G0100832700.01.T01	Peroxidase
augustus-1-processed-gene-129.4-mRNA-1	Japonica	NA		Os01g0330500	OsR498G0100844100.01.T01	Organic cation/carnitine transporter 3
augustus-1-processed-gene-13.21-mRNA-1	Japonica	NA		Os01g0125600	OsR498G0100084700.01.T01	Putative heavy metal-associated domain, HMA
augustus-1-processed-gene-130.3-mRNA-1	Japonica	NA		Os10g0181100	OsR498G0509574000.01.T01	
augustus-1-processed-gene-133.14-mRNA-1	Japonica	NA			OsR498G0100073600.01.T01	RNA binding protein
augustus-1-processed-gene-134.35-mRNA-1	Japonica	NA		Os01g0337500	OsR498G0100861300.01.T01	H(+)-exporting diphosphatase

augustus-1-processed-gene-134.47-mRNA-1	Japonica	NA		Os01g0338200	OsR498G0100863300.01.T01	AMSH-like ubiquitin thiolesterase 3
augustus-1-processed-gene-135.19-mRNA-1	Japonica	NA		Os01g0339400		
augustus-1-processed-gene-135.33-mRNA-1	Japonica	NA			OsR498G0100867100.01.T01	MADS-box domain-containing protein
augustus-1-processed-gene-136.18-mRNA-1	Japonica	NA		Os01g0342200		Cysteine-rich receptor-like protein kinase 15
augustus-1-processed-gene-137.0-mRNA-1	Japonica	NA		Os01g0342700	OsR498G0100880900.01.T01	Pleiotropic drug resistance protein 4
augustus-1-processed-gene-137.12-mRNA-1	Japonica	NA		Os01g0343200	OsR498G0100883700.01.T06	Importin subunit alpha
augustus-1-processed-gene-139.30-mRNA-1	Japonica	Japonica		Os01g0347300	OsR498G0100897900.01.T02	
augustus-1-processed-gene-14.19-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-1-processed-gene-140.15-mRNA-1	Japonica	NA		Os01g0348700	OsR498G0100901500.01.T01	60S ribosomal protein like
augustus-1-processed-gene-141.8-mRNA-1	Japonica	NA		Os01g0350000	OsR498G0100905900.01.T01	(Z)-3-hexen-1-ol acetyltransferase
augustus-1-processed-gene-142.10-mRNA-1	Japonica	NA		Os01g0351300	OsR498G0100909500.01.T03	Exocyst complex component
augustus-1-processed-gene-142.12-mRNA-1	Japonica	NA		Os01g0351800	OsR498G0100911700.01.T01	Fe2OG dioxygenase domain-containing protein (Fragment)
augustus-1-processed-gene-144.31-mRNA-1	Japonica	NA		Os01g0355000	OsR498G0100917100.01.T04	Pentatricopeptide repeat-containing protein, chloroplastic
augustus-1-processed-gene-144.33-mRNA-1	Japonica	NA		Os01g0355400		MATH domain-containing protein
augustus-1-processed-gene-145.20-mRNA-1	Japonica	NA			OsR498G0100919100.01.T05	probable phosphoinositide phosphatase SAC9
augustus-1-processed-gene-146.10-mRNA-1	Japonica	Indica		Os01g0357100	OsR498G0100931900.01.T01	Ferredoxin--nitrite reductase chloroplastic
augustus-1-processed-gene-146.13-mRNA-1	Japonica	NA		Os01g0357800	OsR498G0100933100.01.T05	Pentatricopeptide (PPR) repeat-containing protein-like
augustus-1-processed-gene-151.21-mRNA-1	Japonica	Indica	CC-Kinase-TM	Os01g0364400	OsR498G0100957400.01.T01	Wall-associated receptor kinase 3
augustus-1-processed-gene-152.17-mRNA-1	Japonica	NA	CC-Kinase	Os01g0367700	OsR498G0100962700.01.T05	probable serine/threonine-protein kinase At1g54610
augustus-1-processed-gene-153.3-mRNA-1	Japonica	NA		Os01g0368700	OsR498G0100966100.01.T01	DUF679 domain membrane protein 7
augustus-1-processed-gene-154.5-mRNA-1	Japonica	NA			OsR498G0511458200.01.T01	
augustus-1-processed-gene-154.7-mRNA-1	Japonica	NA		Os01g0370600	OsR498G0100971500.01.T01	Glutathione transferase
augustus-1-processed-gene-155.25-mRNA-1	Japonica	NA			OsR498G0100979300.01.T01	DUF4220 domain-containing protein (Fragment)
augustus-1-processed-gene-159.16-mRNA-1	Japonica	NA		Os03g0412050		Transposon protein, putative, Mutator sub-class, expressed
augustus-1-processed-gene-160.8-mRNA-1	Japonica	NA		Os01g0380800	OsR498G0100999600.01.T01	F-box domain-containing protein
augustus-1-processed-gene-162.13-mRNA-1	Japonica	NA			OsR498G0612612900.01.T01	DUF834 domain-containing protein
augustus-1-processed-gene-162.22-mRNA-1	Japonica	NA				
augustus-1-processed-gene-162.23-mRNA-1	Japonica	NA		Os07g0543700	OsR498G0408675500.01.T01	4-diphosphocytidyl-2C-methyl-D-erythritol synthase
augustus-1-processed-gene-162.24-mRNA-1	Japonica	NA		Os01g0383900	OsR498G0101004300.01.T01	Nuclear pore complex protein NUP98A
augustus-1-processed-gene-162.25-mRNA-1	Japonica	Indica	Kinase-TM	Os01g0384300	OsR498G0101005100.01.T01	LRR receptor-like serine/threonine-protein kinase RKF3
augustus-1-processed-gene-166.18-mRNA-1	Japonica	NA		Os01g0389700	OsR498G0101026700.01.T01	DUF679 domain membrane protein 7
augustus-1-processed-gene-166.23-mRNA-1	Japonica	NA		Os01g0390600	OsR498G0101029900.01.T05	tRNA (guanine(37)-N1)-methyltransferase
augustus-1-processed-gene-166.3-mRNA-1	Japonica	NA		Os01g0389200	OsR498G0101025500.01.T01	DUF679 domain membrane protein 7
augustus-1-processed-gene-179.10-mRNA-1	Japonica	NA		Os03g0154300	OsR498G0203061400.01.T01	
augustus-1-processed-gene-180.6-mRNA-1	Japonica	NA		Os01g0500900	OsR498G0101059100.01.T01	Tyrosine--tRNA ligase
augustus-1-processed-gene-181.31-mRNA-1	Japonica	NA			OsR498G0101068100.01.T01	
augustus-1-processed-gene-183.20-mRNA-1	Japonica	NA			OsR498G0101077500.01.T01	Retrotransposon protein, putative, unclassified
augustus-1-processed-gene-184.10-mRNA-1	Japonica	NA		Os01g0507500	OsR498G0101082100.01.T01	Ell-associated factor Eaf like
augustus-1-processed-gene-185.0-mRNA-1	Japonica	NA		Os01g0508100	OsR498G0101085900.01.T01	
augustus-1-processed-gene-186.0-mRNA-1	Japonica	NA			OsR498G0510283100.01.T01	Retrotransposon protein, putative, unclassified
augustus-1-processed-gene-187.14-mRNA-1	Japonica	NA			OsR498G0101105700.01.T01	AP-3 complex subunit delta
augustus-1-processed-gene-188.1-mRNA-1	Japonica	Japonica		Os01g0512700	OsR498G0101106700.01.T01	Yin/yang transcription factor
augustus-1-processed-gene-191.13-mRNA-1	Japonica	NA			OsR498G0101121100.01.T01	Luminal-binding protein 4
augustus-1-processed-gene-194.22-mRNA-1	Japonica	NA			OsR498G0101140500.01.T01	
augustus-1-processed-gene-198.17-mRNA-1	Japonica	NA			OsR498G0713993600.01.T01	Putative zinc finger, CCHC-type
augustus-1-processed-gene-198.5-mRNA-1	Japonica	NA		Os01g0530400	OsR498G0101163500.01.T07	Monothiol glutaredoxin
augustus-1-processed-gene-199.19-mRNA-1	Japonica	NA		Os01g0532100	OsR498G0101168500.01.T01	
augustus-1-processed-gene-199.31-mRNA-1	Japonica	NA				Condensin complex subunit 2
augustus-1-processed-gene-2.43-mRNA-1	Japonica	Indica		Os01g0102400	OsR498G0100011300.01.T01	Histone domain-containing protein
augustus-1-processed-gene-2.48-mRNA-1	Japonica	NA		Os01g0103100	OsR498G0100013300.01.T01	Major facilitator superfamily protein isoform 1
augustus-1-processed-gene-221.13-mRNA-1	Japonica	NA		Os01g0563000	OsR498G0101346000.01.T07	Peptidylprolyl isomerase
augustus-1-processed-gene-223.13-mRNA-1	Japonica	NA			OsR498G0101356600.01.T01	
augustus-1-processed-gene-226.45-mRNA-1	Japonica	NA			OsR498G0101371100.01.T01	
augustus-1-processed-gene-226.46-mRNA-1	Japonica	NA			OsR498G0101371500.01.T01	
augustus-1-processed-gene-230.28-mRNA-1	Japonica	NA			OsR498G0101393500.01.T01	Regulatory protein B-Peru-like
augustus-1-processed-gene-231.38-mRNA-1	Japonica	NA		Os01g0578800		
augustus-1-processed-gene-231.54-mRNA-1	Japonica	NA		Os01g0579800	OsR498G0101399700.01.T01	DEAD-box ATP-dependent RNA helicase 20
augustus-1-processed-gene-232.42-mRNA-1	Japonica	NA			OsR498G0101403900.01.T01	
augustus-1-processed-gene-233.12-mRNA-1	Japonica	NA				Translation initiation factor
augustus-1-processed-gene-233.25-mRNA-1	Japonica	NA				Zinc ion binding
augustus-1-processed-gene-235.12-mRNA-1	Japonica	Indica		Os01g0597400	OsR498G0101422900.01.T01	Vacuolar amino acid transporter like

augustus-1-processed-gene-237.19-mRNA-1	Japonica	NA		Os01g0589300	OsR498G0101436500.01.T01	MYB transcription factor
augustus-1-processed-gene-238.17-mRNA-1	Japonica	NA		Os02g0547100		Transposon protein, putative, Mutator sub-class, expressed
augustus-1-processed-gene-239.8-mRNA-1	Japonica	NA		Os01g0593600	OsR498G0101455300.01.T01	
augustus-1-processed-gene-241.11-mRNA-1	Japonica	NA		Os07g0433200	OsR498G0510328900.01.T01	Retrotransposon protein, putative, Ty1-copia subclass
augustus-1-processed-gene-258.26-mRNA-1	Japonica	Japonica		Os01g0629600	OsR498G0511411500.01.T01	Carboxypeptidase
augustus-1-processed-gene-263.18-mRNA-1	Japonica	NA		Os01g0638000	OsR498G0101614100.01.T01	Glycosyltransferase
augustus-1-processed-gene-263.38-mRNA-1	Japonica	NA		Os01g0638600	OsR498G0101615700.01.T01	Glycosyltransferase
augustus-1-processed-gene-266.23-mRNA-1	Japonica	Japonica		Os01g0643900	OsR498G0511392000.01.T01	
augustus-1-processed-gene-266.30-mRNA-1	Japonica	NA		Os01g0644900	OsR498G0101640300.01.T01	
augustus-1-processed-gene-267.31-mRNA-1	Japonica	NA			OsR498G0101644900.01.T01	Pentatricopeptide repeat
augustus-1-processed-gene-267.50-mRNA-1	Japonica	NA		Os01g0646300	OsR498G0101645600.01.T01	DELLA transcription factor
augustus-1-processed-gene-269.39-mRNA-1	Japonica	Japonica		Os01g0649300	OsR498G0101656100.01.T02	GDSL esterase/lipase
augustus-1-processed-gene-269.56-mRNA-1	Japonica	NA			OsR498G1119312200.01.T01	Non-specific serine/threonine protein kinase
augustus-1-processed-gene-269.58-mRNA-1	Japonica	NA		Os01g0650200	OsR498G0101658300.01.T01	GDSL esterase/lipase
augustus-1-processed-gene-269.60-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus-1-processed-gene-270.28-mRNA-1	Japonica	Indica		Os01g0651100	OsR498G0101660900.01.T05	Pentatricopeptide repeat-containing protein
augustus-1-processed-gene-270.42-mRNA-1	Japonica	NA		Os01g0651500	OsR498G0101661700.01.T01	Wax synthase isoform 3
augustus-1-processed-gene-271.11-mRNA-1	Japonica	NA		Os01g0653200	OsR498G0101668900.01.T01	UDP-Glycosyltransferase superfamily protein
augustus-1-processed-gene-271.2-mRNA-1	Japonica	NA		Os01g0652700	OsR498G0101665900.01.T01	Calcineurin B-like protein 1
augustus-1-processed-gene-273.41-mRNA-1	Japonica	NA			OsR498G0101679300.01.T01	
augustus-1-processed-gene-273.66-mRNA-1	Japonica	NA				Eukaryotic translation initiation factor 3 subunit 10
augustus-1-processed-gene-275.15-mRNA-1	Japonica	Indica		Os01g0659800	OsR498G0101693700.01.T01	C2 domain-containing protein
augustus-1-processed-gene-275.17-mRNA-1	Japonica	NA		Os01g0660200	OsR498G0101694700.01.T03	Acidic endochitinase
augustus-1-processed-gene-275.8-mRNA-1	Japonica	NA		Os01g0658300		Glutaminyl-tRNA synthetase
augustus-1-processed-gene-277.26-mRNA-1	Japonica	NA		Os01g0664100	OsR498G0101705900.01.T02	zinc transport protein ZntB-like isoform X2
augustus-1-processed-gene-278.1-mRNA-1	Japonica	NA			OsR498G0101707500.01.T01	
augustus-1-processed-gene-278.5-mRNA-1	Japonica	NA		Os02g0733600	OsR498G1018053500.01.T01	
augustus-1-processed-gene-28.49-mRNA-1	Japonica	NA		Os01g0151900	OsR498G0100184700.01.T01	Pentatricopeptide repeat
augustus-1-processed-gene-280.9-mRNA-1	Japonica	NA			OsR498G0101725500.01.T01	
augustus-1-processed-gene-281.14-mRNA-1	Japonica	NA			OsR498G0612788100.01.T01	
augustus-1-processed-gene-283.12-mRNA-1	Japonica	NA			OsR498G0100324300.01.T01	Cyclic dof factor like
augustus-1-processed-gene-285.22-mRNA-1	Japonica	Indica		Os01g0677900	OsR498G0101757700.01.T01	CCHC-type domain-containing protein
augustus-1-processed-gene-285.23-mRNA-1	Japonica	Japonica		Os01g0678000	OsR498G0101758100.01.T01	CCHC-type domain-containing protein
augustus-1-processed-gene-285.24-mRNA-1	Japonica	NA		Os01g0678100		
augustus-1-processed-gene-286.15-mRNA-1	Japonica	NA		Os01g0680200	OsR498G0101765100.01.T01	Purine permease
augustus-1-processed-gene-286.9-mRNA-1	Japonica	NA		Os01g0679500		Peptidase A1 domain-containing protein (Fragment)
augustus-1-processed-gene-287.1-mRNA-1	Japonica	NA		Os01g0680600	OsR498G0101767700.01.T01	TAFLI28 domain-containing protein
augustus-1-processed-gene-289.45-mRNA-1	Japonica	NA		Os01g0685000		USP domain-containing protein
augustus-1-processed-gene-289.49-mRNA-1	Japonica	Japonica		Os01g0686000	OsR498G0101785300.01.T01	DUF4228 domain-containing protein (Fragment)
augustus-1-processed-gene-289.51-mRNA-1	Japonica	NA		Os01g0686200	OsR498G0101785900.01.T01	Glycosyltransferase
augustus-1-processed-gene-290.33-mRNA-1	Japonica	NA		Os01g0686300	OsR498G0101786500.01.T01	UDP-glucosyltransferase
augustus-1-processed-gene-290.35-mRNA-1	Japonica	Indica		Os01g0686500	OsR498G0101787300.01.T01	
augustus-1-processed-gene-290.55-mRNA-1	Japonica	Indica		Os05g0551700	OsR498G0101792300.01.T01	Adenylate isopentenyltransferase
augustus-1-processed-gene-291.37-mRNA-1	Japonica	NA		Os05g0269800	OsR498G0409509300.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus-1-processed-gene-292.59-mRNA-1	Japonica	Indica		Os01g0691600	OsR498G0101801900.01.T03	DNA helicase
augustus-1-processed-gene-295.15-mRNA-1	Japonica	Indica		Os01g0696800	OsR498G0101823100.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus-1-processed-gene-296.25-mRNA-1	Japonica	Japonica	Kinase-TM	Os01g0699400	OsR498G0101831600.01.T01	Mitogen-activated protein kinase kinase kinase A
augustus-1-processed-gene-298.58-mRNA-1	Japonica	Indica		Os01g0704100	OsR498G0101845100.01.T01	Nitrate transporter
augustus-1-processed-gene-299.40-mRNA-1	Japonica	NA		Os01g0705700	OsR498G0101853300.01.T01	BHLH transcription factor
augustus-1-processed-gene-3.52-mRNA-1	Japonica	NA		Os01g0104400	OsR498G0100016300.01.T01	Stress responsive protein 1
augustus-1-processed-gene-300.27-mRNA-1	Japonica	NA		Os01g0706600	OsR498G0101856700.01.T01	
augustus-1-processed-gene-300.54-mRNA-1	Japonica	NA		Os07g0513300		Transposon protein, putative, Mutator sub-class, expressed
augustus-1-processed-gene-301.49-mRNA-1	Japonica	NA		Os01g0708100	OsR498G0101861900.01.T01	Glycylpeptide N-tetradecanoyltransferase
augustus-1-processed-gene-301.61-mRNA-1	Japonica	NA			OsR498G0307184000.01.T01	DH domain-containing protein
augustus-1-processed-gene-302.67-mRNA-1	Japonica	NA			OsR498G0101872100.01.T01	
augustus-1-processed-gene-304.43-mRNA-1	Japonica	Indica		Os01g0715200	OsR498G0101882900.01.T01	
augustus-1-processed-gene-304.48-mRNA-1	Japonica	Japonica		Os01g0715700	OsR498G0101885900.01.T01	Pentatricopeptide repeat
augustus-1-processed-gene-307.31-mRNA-1	Japonica	NA			OsR498G0101907500.01.T03	GDSL esterase/lipase
augustus-1-processed-gene-307.41-mRNA-1	Japonica	Japonica		Os01g0720500	OsR498G0101476300.01.T01	Chlorophyll a-b binding protein, chloroplastic
augustus-1-processed-gene-307.44-mRNA-1	Japonica	NA		Os01g0721000	OsR498G0101910700.01.T05	Fusarium resistance protein I2C-5-like
augustus-1-processed-gene-307.47-mRNA-1	Japonica	Indica		Os01g0721500	OsR498G0101911900.01.T01	Fusarium resistance protein I2C-5-like

augustus-1-processed-gene-308.60-mRNA-1	Japonica	NA		Os01g0722800	OsR498G0101916100.01.T01	4-hydroxy-4-methyl-2-oxoglutarate aldolase
augustus-1-processed-gene-308.66-mRNA-1	Japonica	Indica		Os01g0723400	OsR498G0101918500.01.T03	Malic enzyme
augustus-1-processed-gene-309.10-mRNA-1	Japonica	NA		Os07g0121500		
augustus-1-processed-gene-309.9-mRNA-1	Japonica	Japonica		Os01g0724700	OsR498G0101922900.01.T01	Lachrymatory-factor synthase
augustus-1-processed-gene-310.17-mRNA-1	Japonica	NA			OsR498G0101932500.01.T04	
augustus-1-processed-gene-311.1-mRNA-1	Japonica	NA	LRR-TM	Os01g0729400	OsR498G0101933900.01.T01	Receptor like protein 29
augustus-1-processed-gene-312.11-mRNA-1	Japonica	NA			OsR498G0101940700.01.T01	Ubiquitin-60S ribosomal protein L40
augustus-1-processed-gene-312.15-mRNA-1	Japonica	NA		Os01g0732300	OsR498G0101942300.01.T01	Transcription repressor
augustus-1-processed-gene-313.24-mRNA-1	Japonica	NA		Os01g0733500	OsR498G0101946900.01.T03	BURP domain-containing protein 3
augustus-1-processed-gene-313.38-mRNA-1	Japonica	NA		Os01g0734501		
augustus-1-processed-gene-313.39-mRNA-1	Japonica	NA		Os01g0734600	OsR498G0101949900.01.T03	Glycosyltransferase
augustus-1-processed-gene-313.43-mRNA-1	Japonica	NA		Os01g0735300	OsR498G0101951500.01.T01	Glycosyltransferase
augustus-1-processed-gene-314.51-mRNA-1	Japonica	NA		Os02g0212975	OsR498G0305421900.01.T01	
augustus-1-processed-gene-314.54-mRNA-1	Japonica	NA		Os01g0737600	OsR498G0101957500.01.T01	Werner syndrome ATP-dependent helicase
augustus-1-processed-gene-314.55-mRNA-1	Japonica	NA		Os01g0737700	OsR498G0101957700.01.T01	3'-5' exonuclease domain-containing protein (Fragment)
augustus-1-processed-gene-315.5-mRNA-1	Japonica	NA		Os01g0738400	OsR498G0101960500.01.T01	Zinc finger CCH domain-containing protein 2
augustus-1-processed-gene-316.39-mRNA-1	Japonica	NA		Os01g0740800		
augustus-1-processed-gene-322.37-mRNA-1	Japonica	NA			OsR498G0102004100.01.T01	F-box domain-containing protein (Fragment)
augustus-1-processed-gene-322.48-mRNA-1	Japonica	Japonica		Os01g0751400	OsR498G0511182600.01.T01	Inorganic diphosphatase
augustus-1-processed-gene-322.54-mRNA-1	Japonica	NA		Os01g0752500		Pathogenesis-related transcriptional activator like
augustus-1-processed-gene-323.15-mRNA-1	Japonica	NA		Os01g0753800	OsR498G0102010900.01.T02	Translation initiation factor IF-2-like
augustus-1-processed-gene-324.26-mRNA-1	Japonica	NA		Os01g0755700	OsR498G0102015300.01.T01	RING-H2 finger protein ATL2K
augustus-1-processed-gene-325.45-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-1-processed-gene-327.0-mRNA-1	Japonica	Indica		Os01g0760000	OsR498G0102038900.01.T02	Dynein light chain
augustus-1-processed-gene-327.1-mRNA-1	Japonica	Indica		Os01g0760300	OsR498G0102039300.01.T02	PRONE domain-containing protein
augustus-1-processed-gene-327.10-mRNA-1	Japonica	NA		Os01g0760600	OsR498G0102040200.01.T01	Aspartate aminotransferase
augustus-1-processed-gene-327.12-mRNA-1	Japonica	NA		Os01g0761000	OsR498G0102040900.01.T03	Cyanobacterial aminoacyl-tRNA synthetase, CAAD domain containing protei
augustus-1-processed-gene-328.52-mRNA-1	Japonica	Japonica		Os01g0763650	OsR498G0102047500.01.T02	Chlororespiratory reduction 7
augustus-1-processed-gene-328.53-mRNA-1	Japonica	NA		Os01g0763700	OsR498G0102047500.01.T03	Exocyst subunit Exo70 family protein (Fragment)
augustus-1-processed-gene-329.51-mRNA-1	Japonica	NA			OsR498G0102053700.01.T01	Zinc finger A20 and AN1 domain-containing stress-associated protein 3
augustus-1-processed-gene-331.36-mRNA-1	Japonica	NA		Os01g0768333		
augustus-1-processed-gene-331.38-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-1-processed-gene-331.40-mRNA-1	Japonica	NA		Os02g0547100	OsR498G0510938300.01.T01	Transposon mutator sub-class
augustus-1-processed-gene-331.48-mRNA-1	Japonica	NA		Os01g0769000	OsR498G0102062300.01.T06	Topoisomerase II-associated protein PAT1
augustus-1-processed-gene-331.52-mRNA-1	Japonica	NA	Kinase-TM	Os01g0769700	OsR498G0102064500.01.T01	Receptor-like protein kinase FERONIA
augustus-1-processed-gene-334.41-mRNA-1	Japonica	NA		Os01g0774300		DUF295 domain-containing protein
augustus-1-processed-gene-334.43-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-1-processed-gene-335.9-mRNA-1	Japonica	NA		Os01g0776300		Gnk2-homologous domain-containing protein
augustus-1-processed-gene-336.57-mRNA-1	Japonica	Indica		Os01g0778100	OsR498G0102093700.01.T01	Protein UPSTREAM OF FLC isoform B
augustus-1-processed-gene-337.1-mRNA-1	Japonica	NA	Kinase-TM	Os01g0779300	OsR498G0102097100.01.T01	Non-specific serine/threonine protein kinase
augustus-1-processed-gene-338.41-mRNA-1	Japonica	NA		Os01g0783100	OsR498G0102106700.01.T04	Pentatricopeptide repeat-containing protein
augustus-1-processed-gene-339.2-mRNA-1	Japonica	Japonica	Kinase-TM	Os01g0784200	OsR498G0102109300.01.T01	Receptor-like serine/threonine-protein kinase
augustus-1-processed-gene-339.20-mRNA-1	Japonica	NA		Os01g0784800	OsR498G0102111100.01.T02	NAD(P)H dehydrogenase (quinone)
augustus-1-processed-gene-339.26-mRNA-1	Japonica	NA		Os01g0785700	OsR498G0102115700.01.T05	Pentatricopeptide repeat-containing protein mitochondrial
augustus-1-processed-gene-339.4-mRNA-1	Japonica	NA	Kinase-TM	Os01g0784200		Non-specific serine/threonine protein kinase
augustus-1-processed-gene-341.6-mRNA-1	Japonica	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class
augustus-1-processed-gene-342.1-mRNA-1	Japonica	Indica		Os01g0793200	OsR498G0102128300.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
augustus-1-processed-gene-343.10-mRNA-1	Japonica	NA				Inositol-1,4,5-trisphosphate 5-phosphatase 4 isoform 1
augustus-1-processed-gene-343.19-mRNA-1	Japonica	NA			OsR498G0100073600.01.T01	RNA binding protein
augustus-1-processed-gene-343.25-mRNA-1	Japonica	NA		Os01g0795600	OsR498G0102135900.01.T01	
augustus-1-processed-gene-343.28-mRNA-1	Japonica	Japonica		Os01g0796001	OsR498G0102135900.01.T01	Type II secretion system protein D
augustus-1-processed-gene-344.34-mRNA-1	Japonica	NA		Os01g0797600	OsR498G0102141700.01.T01	Ethylene responsive element binding factor3
augustus-1-processed-gene-345.19-mRNA-1	Japonica	NA		Os01g0800400	OsR498G0102184800.01.T02	Spo11/DNA topoisomerase VI, subunit A protein
augustus-1-processed-gene-345.2-mRNA-1	Japonica	NA	NBS-TM	Os01g0799100	OsR498G0102144900.01.T02	NB-ARC domain-containing protein
augustus-1-processed-gene-346.23-mRNA-1	Japonica	NA				AAI domain-containing protein
augustus-1-processed-gene-346.33-mRNA-1	Japonica	Indica		Os05g0495200	OsR498G0102154100.01.T04	Basic leucine zipper like
augustus-1-processed-gene-346.34-mRNA-1	Japonica	NA		Os01g0802000	OsR498G0102154700.01.T01	RING-type E3 ubiquitin transferase
augustus-1-processed-gene-348.38-mRNA-1	Japonica	Indica		Os01g0805100	OsR498G0102165700.01.T01	Glycoside hydrolase starch-binding domain-containing family protein
augustus-1-processed-gene-38.5-mRNA-1	Japonica	NA			OsR498G0511311000.01.T01	
augustus-1-processed-gene-39.50-mRNA-1	Japonica	NA		Os01g0175500	OsR498G0100251500.01.T01	DUF1618 domain-containing protein (Fragment)
augustus-1-processed-gene-39.73-mRNA-1	Japonica	NA		Os01g0176800	OsR498G0100256900.01.T01	

augustus-1-processed-gene-4.42-mRNA-1	Japonica	NA		Os01g0105500		
augustus-1-processed-gene-4.45-mRNA-1	Japonica	NA		Os01g0106200	OsR498G0100022900.01.T01	Peptidylprolyl isomerase
augustus-1-processed-gene-40.0-mRNA-1	Japonica	NA		Os01g0177100	OsR498G0100258100.01.T04	Transcriptional corepressor LEUNIG
augustus-1-processed-gene-40.17-mRNA-1	Japonica	NA			OsR498G0100261400.01.T01	Retrotransposon protein, putative, unclassified, expressed
augustus-1-processed-gene-41.38-mRNA-1	Japonica	NA		Os01g0178600	OsR498G0100265100.01.T01	Peptidase A1 domain-containing protein
augustus-1-processed-gene-41.46-mRNA-1	Japonica	NA		Os01g0178700	OsR498G0100266100.01.T05	RING-type domain-containing protein (Fragment)
augustus-1-processed-gene-45.13-mRNA-1	Japonica	NA		Os01g0183800	OsR498G0100284500.01.T01	DUF295 domain-containing protein
augustus-1-processed-gene-45.20-mRNA-1	Japonica	Japonica		Os01g0184700	OsR498G0100286300.01.T01	FACT complex subunit SSRP1
augustus-1-processed-gene-475.12-mRNA-1	Japonica	NA		Os01g0913800	OsR498G0102563100.01.T01	Fertility restorer homologue-like
augustus-1-processed-gene-476.50-mRNA-1	Japonica	NA		Os09g0552200	OsR498G0306910900.01.T01	Zinc finger (C3HC4 type RING finger) protein, putative
augustus-1-processed-gene-478.3-mRNA-1	Japonica	Japonica		Os01g0919300	OsR498G0102583100.01.T01	Sad1/UNC domain-containing protein, putative
augustus-1-processed-gene-479.17-mRNA-1	Japonica	Japonica		Os01g0921100	OsR498G0102592100.01.T01	Regulatory protein-like
augustus-1-processed-gene-479.20-mRNA-1	Japonica	Indica		Os01g0921400	OsR498G0102593100.01.T01	Exocyst subunit Exo70 family protein (Fragment)
augustus-1-processed-gene-480.10-mRNA-1	Japonica	NA		Os08g0561800	OsR498G1120733700.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-1-processed-gene-481.12-mRNA-1	Japonica	NA		Os01g0923800	OsR498G0102610500.01.T01	J domain-containing protein
augustus-1-processed-gene-481.14-mRNA-1	Japonica	NA		Os01g0924200	OsR498G0102612100.01.T01	B-cell lymphoma leukemia 11A isoform X1
augustus-1-processed-gene-482.0-mRNA-1	Japonica	NA		Os01g0924400	OsR498G0102613700.01.T03	TCP transcription factor
augustus-1-processed-gene-482.2-mRNA-1	Japonica	NA		Os01g0924900	OsR498G0102614900.01.T01	glutamic acid-rich protein isoform X2
augustus-1-processed-gene-484.34-mRNA-1	Japonica	NA	Kinase-TM	Os01g0927500	OsR498G0102625300.01.T03	Inactive leucine-rich repeat receptor-like protein kinase CORYNE
augustus-1-processed-gene-488.1-mRNA-1	Japonica	Japonica		Os01g0936000	OsR498G0102656100.01.T01	Glutaredoxin domain-containing protein (Fragment)
augustus-1-processed-gene-489.1-mRNA-1	Japonica	NA		Os01g0937600	OsR498G0102663900.01.T01	Basic 7S globulin 2
augustus-1-processed-gene-489.2-mRNA-1	Japonica	NA		Os01g0937800	OsR498G0102664300.01.T01	Basic 7S globulin 2
augustus-1-processed-gene-489.22-mRNA-1	Japonica	NA		Os01g0939500	OsR498G0102668500.01.T01	Eukaryotic peptide chain release factor subunit
augustus-1-processed-gene-489.3-mRNA-1	Japonica	NA		Os01g0937900	OsR498G0102664700.01.T01	Classical arabinogalactan protein 26-like
augustus-1-processed-gene-489.4-mRNA-1	Japonica	NA			OsR498G0102665100.01.T01	PPR-repeat protein-like
augustus-1-processed-gene-492.12-mRNA-1	Japonica	NA			OsR498G0102679100.01.T01	
augustus-1-processed-gene-492.24-mRNA-1	Japonica	NA			OsR498G0102681100.01.T07	Retrotransposon protein, putative, unclassified
augustus-1-processed-gene-493.14-mRNA-1	Japonica	NA				ENTH domain-containing protein
augustus-1-processed-gene-493.15-mRNA-1	Japonica	NA			OsR498G0102687100.01.T01	
augustus-1-processed-gene-493.17-mRNA-1	Japonica	NA			OsR498G0102687300.01.T01	
augustus-1-processed-gene-493.2-mRNA-1	Japonica	NA		Os01g0941400	OsR498G0102675700.01.T01	Truncated pathogenesis-related protein 6
augustus-1-processed-gene-496.59-mRNA-1	Japonica	NA		Os01g0950300	OsR498G0102702900.01.T01	Glutathione S-transferase GST 29
augustus-1-processed-gene-497.8-mRNA-1	Japonica	NA		Os01g0953100	OsR498G0102710700.01.T01	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1
augustus-1-processed-gene-498.4-mRNA-1	Japonica	Indica		Os01g0955100	OsR498G0102722100.01.T01	Putative calcium-binding protein CML19
augustus-1-processed-gene-499.37-mRNA-1	Japonica	NA			OsR498G0102729500.01.T01	
augustus-1-processed-gene-499.43-mRNA-1	Japonica	NA			OsR498G0102733100.01.T01	5-epiaristolochene 13-dihydroxylase
augustus-1-processed-gene-5.14-mRNA-1	Japonica	Japonica		Os01g0108500	OsR498G0101358900.01.T01	BHLH domain-containing protein
augustus-1-processed-gene-500.93-mRNA-1	Japonica	NA		Os01g0960000	OsR498G0102739900.01.T01	probable gamma-secretase subunit PEN-2
augustus-1-processed-gene-501.73-mRNA-1	Japonica	NA		Os01g0961000		
augustus-1-processed-gene-503.48-mRNA-1	Japonica	Indica		Os01g0964800	OsR498G0102752500.01.T01	E3 ubiquitin-protein ligase HERC2
augustus-1-processed-gene-503.49-mRNA-1	Japonica	NA		Os01g0964900	OsR498G0102752700.01.T01	Protein MITOFERRINLIKE 1 chloroplastic
augustus-1-processed-gene-503.61-mRNA-1	Japonica	NA				Acyl-CoA N-acyltransferase with RING/FYVE/PHD-type zinc finger protein
augustus-1-processed-gene-503.63-mRNA-1	Japonica	NA		Os01g0966300	OsR498G0102757100.01.T05	Mitochondrial processing peptidase
augustus-1-processed-gene-504.23-mRNA-1	Japonica	NA		Os01g0968800	OsR498G0102764300.01.T01	Dehydration-responsive element-binding protein 1D
augustus-1-processed-gene-506.28-mRNA-1	Japonica	NA		Os01g0972000	OsR498G0102775500.01.T01	RING-type E3 ubiquitin transferase
augustus-1-processed-gene-507.75-mRNA-1	Japonica	Japonica		Os01g0974900	OsR498G0204247700.01.T03	26S proteasome non-ATPase regulatory subunit 6
augustus-1-processed-gene-508.13-mRNA-1	Japonica	NA		Os01g0976300		Protein SODIUM POTASSIUM ROOT DEFECTIVE 1
augustus-1-processed-gene-508.32-mRNA-1	Japonica	NA				Retrotransposon protein, putative, unclassified, expressed
augustus-1-processed-gene-509.40-mRNA-1	Japonica	NA			OsR498G0102792700.01.T01	Extra-large GTP-binding protein 3
augustus-1-processed-gene-509.44-mRNA-1	Japonica	NA		Os01g0978400		Cinnamoyl-CoA reductase
augustus-1-processed-gene-52.11-mRNA-1	Japonica	NA		Os01g0196600	OsR498G0100340100.01.T01	Venom phosphodiesterase 1
augustus-1-processed-gene-53.40-mRNA-1	Japonica	NA		Os01g0197350	OsR498G0100343500.01.T03	
augustus-1-processed-gene-57.25-mRNA-1	Japonica	Japonica		Os01g0203400	OsR498G0100368300.01.T01	
augustus-1-processed-gene-6.45-mRNA-1	Japonica	NA		Os01g0109500	OsR498G0100031500.01.T03	
augustus-1-processed-gene-63.39-mRNA-1	Japonica	NA			OsR498G0100414300.01.T01	GDSL esterase/lipase
augustus-1-processed-gene-66.29-mRNA-1	Japonica	NA		Os01g0219300	OsR498G0100429300.01.T01	
augustus-1-processed-gene-66.31-mRNA-1	Japonica	NA				Transposable element protein, putative, MuDR
augustus-1-processed-gene-68.14-mRNA-1	Japonica	NA	Kinase-TM	Os01g0223900	OsR498G0100448100.01.T01	Non-specific serine/threonine protein kinase (Fragment)
augustus-1-processed-gene-68.16-mRNA-1	Japonica	NA		Os01g0224100	OsR498G0100451500.01.T01	Ethylene-responsive transcription factor CRF2
augustus-1-processed-gene-70.29-mRNA-1	Japonica	NA			OsR498G0100464900.01.T01	Transcription repressor
augustus-1-processed-gene-72.51-mRNA-1	Japonica	NA		Os01g0229300	OsR498G0100474900.01.T01	

augustus-1-processed-gene-73.17-mRNA-1	Japonica	NA	Kinase	Os01g0231500	OsR498G0100481100.01.T06	Casein kinase (Serine/threonine/tyrosine protein kinase)
augustus-1-processed-gene-73.19-mRNA-1	Japonica	NA		Os01g0231800	OsR498G0100481700.01.T05	Putative RNA ligase/cyclic nucleotide phosphodiesterase
augustus-1-processed-gene-74.23-mRNA-1	Japonica	NA		Os01g0233100		Cyclin N-terminal domain-containing protein (Fragment)
augustus-1-processed-gene-75.1-mRNA-1	Japonica	Japonica		Os01g0234300	OsR498G0100490700.01.T01	Pectinesterase
augustus-1-processed-gene-75.18-mRNA-1	Japonica	Japonica		Os01g0235500	OsR498G0100494900.01.T01	
augustus-1-processed-gene-75.2-mRNA-1	Japonica	NA		Os01g0234300	OsR498G0100490700.01.T01	Pectinesterase
augustus-1-processed-gene-75.20-mRNA-1	Japonica	NA		Os01g0235900	OsR498G0100497300.01.T01	Glutaredoxin domain-containing cysteine-rich protein 1
augustus-1-processed-gene-75.21-mRNA-1	Japonica	NA		Os01g0236000	OsR498G0100497500.01.T02	Phytolongin Phyl1.1
augustus-1-processed-gene-77.55-mRNA-1	Japonica	NA		Os01g0239100	OsR498G0100510100.01.T01	Heat-shock protein DnaJ
augustus-1-processed-gene-78.1-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os01g0239700	OsR498G0100512300.01.T01	Receptor-like protein kinase HSL1
augustus-1-processed-gene-94.11-mRNA-1	Japonica	NA		Os01g0270700	OsR498G0100633700.01.T01	Inositol or phosphatidylinositol kinase
augustus-1-processed-gene-95.16-mRNA-1	Japonica	NA		Os01g0273300	OsR498G0100640100.01.T01	BSD domain-containing protein 1
augustus-1-processed-gene-96.22-mRNA-1	Japonica	NA		Os01g0274500	OsR498G0100644500.01.T01	Expansin
augustus-1-processed-gene-97.6-mRNA-1	Japonica	NA			OsR498G0100650800.01.T02	ArgoN domain-containing protein
augustus-1-processed-gene-98.12-mRNA-1	Japonica	NA		Os01g0277500	OsR498G0100658300.01.T01	Dof-type domain-containing protein
augustus-10-processed-gene-104.20-mRNA-1	Japonica	Indica		Os10g0428500	OsR498G0108762300.01.T01	BTB/POZ domain containing protein, expressed
augustus-10-processed-gene-105.59-mRNA-1	Japonica	NA			OsR498G0612113800.01.T01	RNase H domain-containing protein (Fragment)
augustus-10-processed-gene-105.63-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-10-processed-gene-105.68-mRNA-1	Japonica	NA		Os10g0430950	OsR498G0108764700.01.T01	
augustus-10-processed-gene-106.25-mRNA-1	Japonica	NA			OsR498G0108767100.01.T01	Transcription repressor
augustus-10-processed-gene-107.3-mRNA-1	Japonica	Indica		Os10g0435400	OsR498G0108774700.01.T01	BTB/POZ domain containing protein
augustus-10-processed-gene-108.15-mRNA-1	Japonica	Indica		Os03g0748500	OsR498G0108781100.01.T02	NAD(P)H dehydrogenase (quinone)
augustus-10-processed-gene-108.16-mRNA-1	Japonica	NA			OsR498G0108781300.01.T01	NAD(P)H dehydrogenase (quinone)
augustus-10-processed-gene-108.17-mRNA-1	Japonica	NA		Os10g0436900	OsR498G0108781700.01.T01	Cationcalcium exchanger 1
augustus-10-processed-gene-108.19-mRNA-1	Japonica	NA			OsR498G0108783900.01.T01	Retrotroposon protein, putative, unclassified
augustus-10-processed-gene-109.50-mRNA-1	Japonica	NA		Os10g0438800	OsR498G0108789500.01.T01	RING finger protein 165
augustus-10-processed-gene-111.2-mRNA-1	Japonica	NA	Kinase-TM	Os10g0442000	OsR498G0108798100.01.T01	Putative receptor-type protein kinase LRK1
augustus-10-processed-gene-113.19-mRNA-1	Japonica	NA			OsR498G0108812900.01.T01	ARID domain-containing protein
augustus-10-processed-gene-116.20-mRNA-1	Japonica	NA		Os04g0165900		Cysteine-rich receptor-like protein kinase 41
augustus-10-processed-gene-118.10-mRNA-1	Japonica	NA		Os04g0162600	OsR498G0407598800.01.T01	DUF295 domain-containing protein (Fragment)
augustus-10-processed-gene-134.27-mRNA-1	Japonica	NA		Os04g0129900	OsR498G0407509800.01.T01	Dynamin family protein, putative, expressed
augustus-10-processed-gene-139.47-mRNA-1	Japonica	NA		Os04g0118900	OsR498G0407487200.01.T03	Serine/arginine-rich splicing factor like
augustus-10-processed-gene-15.21-mRNA-1	Japonica	NA				
augustus-10-processed-gene-153.26-mRNA-1	Japonica	NA			OsR498G0108823300.01.T01	
augustus-10-processed-gene-153.3-mRNA-1	Japonica	NA			OsR498G0917193500.01.T01	
augustus-10-processed-gene-155.0-mRNA-1	Japonica	NA			OsR498G0108826300.01.T01	RRM domain-containing protein (Fragment)
augustus-10-processed-gene-156.21-mRNA-1	Japonica	NA			OsR498G0108831700.01.T01	Eukaryotic translation initiation factor 4 gamma 2 putative
augustus-10-processed-gene-157.44-mRNA-1	Japonica	NA			OsR498G0108836700.01.T01	Enhanced disease resistance 2 isoform 1
augustus-10-processed-gene-157.47-mRNA-1	Japonica	NA		Os10g0456400	OsR498G0108837500.01.T01	Calcium ion binding
augustus-10-processed-gene-16.14-mRNA-1	Japonica	NA				Transposase, putative, expressed
augustus-10-processed-gene-168.11-mRNA-1	Japonica	NA		Os10g0475900	OsR498G0108898300.01.T01	Polyubiquitin-like
augustus-10-processed-gene-168.12-mRNA-1	Japonica	NA		Os10g0476000	OsR498G0108898500.01.T03	Non-intrinsic ABC protein 4
augustus-10-processed-gene-172.0-mRNA-1	Japonica	Indica		Os10g0479900	OsR498G0108914700.01.T01	Auxin response factor
augustus-10-processed-gene-172.5-mRNA-1	Japonica	Indica		Os07g0693100	OsR498G0108918700.01.T01	Pyruvate decarboxylase
augustus-10-processed-gene-173.21-mRNA-1	Japonica	NA			OsR498G0108930300.01.T01	RNase H domain-containing protein (Fragment)
augustus-10-processed-gene-175.49-mRNA-1	Japonica	NA				Tetratricopeptide repeat protein 1
augustus-10-processed-gene-176.14-mRNA-1	Japonica	NA			OsR498G0108947100.01.T05	SMAP domain-containing protein (Fragment)
augustus-10-processed-gene-177.26-mRNA-1	Japonica	Indica		Os10g0488900	OsR498G0108950500.01.T02	Pentatricopeptide repeat-containing protein chloroplastic
augustus-10-processed-gene-178.18-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0108962700.01.T01	Tyrosine-protein kinase
augustus-10-processed-gene-179.42-mRNA-1	Japonica	NA		Os10g0493600	OsR498G0108966500.01.T04	Alpha-galactosidase
augustus-10-processed-gene-18.26-mRNA-1	Japonica	NA		Os10g0124500		F-box domain containing protein, expressed
augustus-10-processed-gene-181.75-mRNA-1	Japonica	NA		Os10g0495000	OsR498G0108975500.01.T02	KH domain containing protein, expressed
augustus-10-processed-gene-182.45-mRNA-1	Japonica	NA		Os10g0498500	OsR498G0108987100.01.T01	AB hydrolase superfamily protein yfhM
augustus-10-processed-gene-182.57-mRNA-1	Japonica	NA			OsR498G0108988900.01.T01	
augustus-10-processed-gene-182.59-mRNA-1	Japonica	NA		Os10g0499500	OsR498G0108991500.01.T01	Rf1 protein, mitochondrial, putative, expressed
augustus-10-processed-gene-182.61-mRNA-1	Japonica	Japonica		Os10g0499800	OsR498G0108978200.01.T01	Rf1 protein, mitochondrial, putative, expressed
augustus-10-processed-gene-183.9-mRNA-1	Japonica	NA		Os10g0502100	OsR498G0108999100.01.T01	Putative alkaline/neutral invertase F
augustus-10-processed-gene-184.39-mRNA-1	Japonica	NA		Os10g0503200	OsR498G0109001800.01.T04	Folypoly-gamma-glutamate synthetase
augustus-10-processed-gene-185.13-mRNA-1	Japonica	Japonica		Os10g0506000	OsR498G0109008700.01.T01	Pentatricopeptide repeat
augustus-10-processed-gene-185.16-mRNA-1	Japonica	NA		Os04g0384000		
augustus-10-processed-gene-186.1-mRNA-1	Japonica	Japonica		Os10g0507500	OsR498G0109011500.01.T02	leukocyte receptor cluster member 1

augustus-10-processed-gene-186.15-mRNA-1	Japonica	NA		Os10g0508100	OsR498G1019014300.01.T02	IRK-interacting protein-like
augustus-10-processed-gene-188.30-mRNA-1	Japonica	NA		Os10g0510400	OsR498G1019023100.01.T04	Methyltransferase
augustus-10-processed-gene-188.39-mRNA-1	Japonica	NA		Os10g0511400	OsR498G1019027100.01.T02	Prolyl carboxypeptidase like protein, putative, expressed
augustus-10-processed-gene-189.23-mRNA-1	Japonica	NA		Os10g0513300	OsR498G1019032900.01.T03	Ubiquinone biosynthesis protein COQ4-like, mitochondrial (Fragment)
augustus-10-processed-gene-189.24-mRNA-1	Japonica	Indica		Os10g0513550	OsR498G1019033100.01.T01	Cytochrome P450 family 87 subfamily A polypeptide 6
augustus-10-processed-gene-190.0-mRNA-1	Japonica	Japonica		Os10g0513900	OsR498G1019033100.01.T01	Cytochrome P450 family 87 subfamily A polypeptide 6
augustus-10-processed-gene-190.2-mRNA-1	Japonica	Indica		Os10g0513900	OsR498G1019033500.01.T01	Cytochrome P450 family 87 subfamily A polypeptide 6
augustus-10-processed-gene-190.27-mRNA-1	Japonica	NA		Os10g0515200	OsR498G1019034900.01.T01	Cytochrome P450 family 87 subfamily A polypeptide 6
augustus-10-processed-gene-190.3-mRNA-1	Japonica	Indica		Os10g0513900	OsR498G1019033500.01.T01	Cytochrome P450 family 87 subfamily A polypeptide 6
augustus-10-processed-gene-190.30-mRNA-1	Japonica	NA		Os10g0515900	OsR498G1019035500.01.T01	Cytochrome P450 family 87 subfamily A polypeptide 6
augustus-10-processed-gene-190.4-mRNA-1	Japonica	NA		Os10g0514400		
augustus-10-processed-gene-192.22-mRNA-1	Japonica	NA		Os10g0519800	OsR498G1019053500.01.T01	DUF295 domain-containing protein
augustus-10-processed-gene-193.32-mRNA-1	Japonica	Japonica		Os10g0520100	OsR498G1019053700.01.T01	DUF295 domain-containing protein
augustus-10-processed-gene-193.33-mRNA-1	Japonica	Japonica		Os10g0520400	OsR498G1019054500.01.T01	DUF295 domain-containing protein
augustus-10-processed-gene-195.38-mRNA-1	Japonica	NA		Os10g0524300	OsR498G1019069700.01.T01	Peptidoglycan-binding LysM domain-containing protein, putative
augustus-10-processed-gene-20.32-mRNA-1	Japonica	NA		Os10g0128400	OsR498G1018085500.01.T04	
augustus-10-processed-gene-21.31-mRNA-1	Japonica	Japonica		Os10g0130200	OsR498G0203391400.01.T01	F-box domain containing protein, expressed
augustus-10-processed-gene-22.0-mRNA-1	Japonica	Japonica		Os10g0131000	OsR498G1018101100.01.T01	Disease resistance protein RPM1
augustus-10-processed-gene-23.0-mRNA-1	Japonica	NA		Os01g0726700	OsR498G0101927700.01.T01	Protodermal factor 1
augustus-10-processed-gene-23.14-mRNA-1	Japonica	Indica		Os10g0133500	OsR498G1018102300.01.T01	Benzyl alcohol O-benzoyltransferase
augustus-10-processed-gene-24.12-mRNA-1	Japonica	Indica		Os10g0134400	OsR498G1018104100.01.T01	
augustus-10-processed-gene-24.14-mRNA-1	Japonica	Japonica		Os10g0134700	OsR498G1018104900.01.T01	F-box domain-containing protein
augustus-10-processed-gene-24.15-mRNA-1	Japonica	Indica		Os10g0135100	OsR498G1018105500.01.T01	Putative disease resistance protein RGA4
augustus-10-processed-gene-24.16-mRNA-1	Japonica	Indica		Os10g0135100	OsR498G1018105900.01.T01	NB-ARC domain containing protein
augustus-10-processed-gene-24.19-mRNA-1	Japonica	Japonica		Os10g0135300	OsR498G1018107100.01.T03	F-box domain containing protein, expressed
augustus-10-processed-gene-25.0-mRNA-1	Japonica	NA		Os10g0135400	OsR498G1018107700.01.T05	F-box domain containing protein, expressed
augustus-10-processed-gene-25.2-mRNA-1	Japonica	NA		Os10g0135600	OsR498G1018108500.01.T01	caffeoylshikimate esterase
augustus-10-processed-gene-26.10-mRNA-1	Japonica	NA		Os10g0137100		
augustus-10-processed-gene-34.19-mRNA-1	Japonica	NA		Os10g0150200	OsR498G1018151700.01.T01	IGR protein motif
augustus-10-processed-gene-35.7-mRNA-1	Japonica	Indica	Kinase-TM	Os10g0151100	OsR498G1018156300.01.T01	Wall associated kinase
augustus-10-processed-gene-44.0-mRNA-1	Japonica	NA	LRR-NBS-TM		OsR498G1018206100.01.T04	NB-ARC domain containing protein, expressed
augustus-10-processed-gene-45.26-mRNA-1	Japonica	NA		Os05g0527100	OsR498G0511219800.01.T01	Glycosyltransferase
augustus-10-processed-gene-46.22-mRNA-1	Japonica	Indica		Os10g0163201	OsR498G1018228800.01.T01	Lecithin-cholesterol acyltransferase-like 1
augustus-10-processed-gene-58.33-mRNA-1	Japonica	NA		Os11g0205200	OsR498G0101869200.01.T01	Putative copia-type pol polyprotein
augustus-10-processed-gene-59.16-mRNA-1	Japonica	NA				
augustus-10-processed-gene-77.12-mRNA-1	Japonica	Indica		Os03g0845100	OsR498G1018361500.01.T01	Transposable element protein, putative, MuDR
augustus-10-processed-gene-94.21-mRNA-1	Japonica	Indica		Os05g0267732	OsR498G1018411500.01.T01	
augustus-11-processed-gene-1.13-mRNA-1	Japonica	Japonica		Os11g0119200	OsR498G1220832400.01.T01	RING-type E3 ubiquitin transferase
augustus-11-processed-gene-100.22-mRNA-1	Japonica	NA				Transposon protein, putative, mutator sub-class
augustus-11-processed-gene-11.17-mRNA-1	Japonica	NA		Os11g0138700	OsR498G1119390700.01.T01	Kelch motif family protein, expressed
augustus-11-processed-gene-11.19-mRNA-1	Japonica	NA		Os11g0138900	OsR498G1119391100.01.T01	Cell death associated protein, putative, expressed
augustus-11-processed-gene-11.2-mRNA-1	Japonica	NA			OsR498G1119385200.01.T01	putative RING-H2 finger protein ATL61
augustus-11-processed-gene-11.20-mRNA-1	Japonica	NA		Os11g0139000	OsR498G1119391300.01.T01	Cell death associated protein, putative, expressed
augustus-11-processed-gene-11.22-mRNA-1	Japonica	NA		Os11g0139400	OsR498G1119391900.01.T01	TPT domain-containing protein
augustus-11-processed-gene-11.3-mRNA-1	Japonica	NA		Os11g0138300	OsR498G1119389500.01.T01	Putative cytochrome P450-dependent fatty acid hydroxylase
augustus-11-processed-gene-110.13-mRNA-1	Japonica	NA		Os11g0427700	OsR498G1119995500.01.T01	Adenineguanine permease azg2
augustus-11-processed-gene-110.14-mRNA-1	Japonica	NA		Os11g0427800	OsR498G1119996500.01.T01	Non-specific lipid-transfer protein (Fragment)
augustus-11-processed-gene-111.16-mRNA-1	Japonica	NA			OsR498G0407753100.01.T01	HGWP repeat containing protein-like
augustus-11-processed-gene-113.23-mRNA-1	Japonica	NA			OsR498G1120012500.01.T01	
augustus-11-processed-gene-113.24-mRNA-1	Japonica	NA		Os11g0432400	OsR498G1120014500.01.T02	Mitochondrial dicarboxylatetricarboxylate transporter dtc
augustus-11-processed-gene-113.27-mRNA-1	Japonica	NA		Os11g0433100	OsR498G1120016500.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus-11-processed-gene-114.1-mRNA-1	Japonica	NA		Os11g0433300		BTB domain-containing protein (Fragment)
augustus-11-processed-gene-114.4-mRNA-1	Japonica	Indica		Os11g0433600	OsR498G1120018500.01.T01	Pentatricopeptide repeat-containing protein, mitochondrial
augustus-11-processed-gene-116.16-mRNA-1	Japonica	NA			OsR498G1120023700.01.T01	BHLH domain-containing protein
augustus-11-processed-gene-116.17-mRNA-1	Japonica	NA				
augustus-11-processed-gene-119.2-mRNA-1	Japonica	NA	Kinase-TM	Os11g0441900	OsR498G1120029400.01.T01	G-type lectin S-receptor-like serine/threonine-protein kinase
augustus-11-processed-gene-12.14-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-11-processed-gene-121.11-mRNA-1	Japonica	NA	Kinase-TM	Os11g0445300	OsR498G1120050700.01.T01	Brassinosteroid insensitive 1-associated receptor kinase 1
augustus-11-processed-gene-123.17-mRNA-1	Japonica	NA			OsR498G1120061700.01.T01	
augustus-11-processed-gene-129.11-mRNA-1	Japonica	NA			OsR498G1120090300.01.T01	MATH domain-containing protein
augustus-11-processed-gene-13.26-mRNA-1	Japonica	Indica		Os11g0142300	OsR498G1220908700.01.T01	Strictosidine synthase

augustus-11-processed-gene-13.44-mRNA-1	Japonica	NA			OsR498G1119403900.01.T01	
augustus-11-processed-gene-13.45-mRNA-1	Japonica	NA		Os12g0140200	OsR498G1220912300.01.T01	Regulator of gene silencing
augustus-11-processed-gene-13.53-mRNA-1	Japonica	NA		Os11g0144900	OsR498G1119405700.01.T01	Embryogenesis transmembrane protein-like
augustus-11-processed-gene-130.0-mRNA-1	Japonica	NA		Os11g0459300	OsR498G1120090900.01.T01	
augustus-11-processed-gene-130.11-mRNA-1	Japonica	NA				Pentatricopeptide, putative, expressed
augustus-11-processed-gene-131.15-mRNA-1	Japonica	Indica		Os12g0575000	OsR498G1120094300.01.T01	Endopolylgalacturonase AN8327 (Fragment)
augustus-11-processed-gene-131.26-mRNA-1	Japonica	Indica		Os11g0457300	OsR498G1120095300.01.T01	Transposon protein, putative, Mariner sub-class, expressed
augustus-11-processed-gene-131.27-mRNA-1	Japonica	NA		Os11g0462100	OsR498G1120097100.01.T01	class V chitinase-like
augustus-11-processed-gene-133.6-mRNA-1	Japonica	Indica		Os11g0180000	OsR498G1120104500.01.T01	Dirigent protein (Fragment)
augustus-11-processed-gene-135.10-mRNA-1	Japonica	NA			OsR498G1120114700.01.T01	
augustus-11-processed-gene-137.11-mRNA-1	Japonica	NA		Os11g0473000	OsR498G1120125900.01.T01	ER lumen protein-retaining receptor
augustus-11-processed-gene-14.0-mRNA-1	Japonica	Indica		Os12g0143150	OsR498G1119406500.01.T02	Ubiquitin-like protein 5
augustus-11-processed-gene-14.2-mRNA-1	Japonica	NA		Os11g0145600		SPRY domain-containing protein
augustus-11-processed-gene-14.24-mRNA-1	Japonica	Indica		Os12g0143750	OsR498G1119407500.01.T01	E3 ubiquitin-protein ligase rnf12-B
augustus-11-processed-gene-144.6-mRNA-1	Japonica	NA		Os11g0482400	OsR498G1120148300.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
augustus-11-processed-gene-144.9-mRNA-1	Japonica	NA		Os11g0483000		Cytochrome P450 family 96 subfamily A polypeptide 1
augustus-11-processed-gene-145.40-mRNA-1	Japonica	NA		Os11g0484500	OsR498G1120152900.01.T01	6-phosphogluconate dehydrogenase, decarboxylating
augustus-11-processed-gene-146.14-mRNA-1	Japonica	NA			OsR498G1120155900.01.T01	
augustus-11-processed-gene-146.15-mRNA-1	Japonica	NA		Os11g0487700		
augustus-11-processed-gene-154.13-mRNA-1	Japonica	NA			OsR498G1120197300.01.T02	
augustus-11-processed-gene-154.17-mRNA-1	Japonica	Indica		Os11g0505200	OsR498G1120198900.01.T01	Sulfotransferase
augustus-11-processed-gene-155.4-mRNA-1	Japonica	NA		Os11g0505200	OsR498G1120199500.01.T01	Sulfotransferase
augustus-11-processed-gene-157.0-mRNA-1	Japonica	NA		Os07g0513300		Transposon protein, putative, Mutator sub-class, expressed
augustus-11-processed-gene-157.14-mRNA-1	Japonica	NA			OsR498G0408287200.01.T01	RNase H domain-containing protein
augustus-11-processed-gene-158.17-mRNA-1	Japonica	Indica		Os11g0512200	OsR498G1120212500.01.T01	No apical meristem protein, expressed
augustus-11-processed-gene-159.48-mRNA-1	Japonica	NA		Os12g0550700		Transposon protein, putative, Pong sub-class, expressed
augustus-11-processed-gene-16.32-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-11-processed-gene-16.33-mRNA-1	Japonica	NA			OsR498G1119418900.01.T01	Zinc finger, C3HC4 type family protein, expressed
augustus-11-processed-gene-16.34-mRNA-1	Japonica	NA		Os11g0149900	OsR498G1119419500.01.T01	PAN domain-containing protein
augustus-11-processed-gene-16.36-mRNA-1	Japonica	NA		Os03g0793100	OsR498G0307191800.01.T02	Glycosyltransferases
augustus-11-processed-gene-165.25-mRNA-1	Japonica	NA		Os11g0525200	OsR498G1120251900.01.T01	Obtusifoliol 14-alpha demethylase
augustus-11-processed-gene-166.38-mRNA-1	Japonica	NA		Os11g0527000		
augustus-11-processed-gene-169.13-mRNA-1	Japonica	NA		Os11g0531900	OsR498G1120275200.01.T01	
augustus-11-processed-gene-169.14-mRNA-1	Japonica	NA		Os11g0533500	OsR498G1120278500.01.T06	Retinoblastoma-related protein 2
augustus-11-processed-gene-169.15-mRNA-1	Japonica	NA			OsR498G1120279100.01.T01	
augustus-11-processed-gene-17.15-mRNA-1	Japonica	Indica		Os12g0151000	OsR498G1119427900.01.T01	Purple acid phosphatase
augustus-11-processed-gene-17.18-mRNA-1	Japonica	NA			OsR498G1119429500.01.T01	DUF295 domain-containing protein
augustus-11-processed-gene-170.12-mRNA-1	Japonica	NA		Os11g0535600	OsR498G1120283900.01.T04	C2 domain containing protein, expressed
augustus-11-processed-gene-171.26-mRNA-1	Japonica	NA		Os11g0537300	OsR498G1120288100.01.T01	Germin-like protein 11-1
augustus-11-processed-gene-171.32-mRNA-1	Japonica	NA			OsR498G1120288600.01.T01	Respiratory burst oxidase like protein C
augustus-11-processed-gene-171.36-mRNA-1	Japonica	NA		Os11g0538400		FBD domain-containing protein
augustus-11-processed-gene-171.37-mRNA-1	Japonica	Japonica		Os11g0538600	OsR498G1120290900.01.T01	FBD domain-containing protein
augustus-11-processed-gene-173.1-mRNA-1	Japonica	NA		Os11g0540900	OsR498G1120300300.01.T01	
augustus-11-processed-gene-173.2-mRNA-1	Japonica	Indica		Os11g0541600	OsR498G1120301100.01.T01	
augustus-11-processed-gene-175.0-mRNA-1	Japonica	Indica		Os11g0544000	OsR498G1120311700.01.T06	Pentatricopeptide repeat superfamily protein, putative isoform 1
augustus-11-processed-gene-178.46-mRNA-1	Japonica	NA		Os11g0549635	OsR498G1120330300.01.T02	ABC1 domain-containing protein (Fragment)
augustus-11-processed-gene-180.33-mRNA-1	Japonica	Japonica	CC-LRR-NBS-TM	Os11g0551300	OsR498G1120334900.01.T01	Disease resistance protein RPM1
augustus-11-processed-gene-181.0-mRNA-1	Japonica	NA			OsR498G0509784600.01.T01	SANT domain-containing protein
augustus-11-processed-gene-182.37-mRNA-1	Japonica	NA	Kinase-TM	Os11g0557500	OsR498G1120348700.01.T01	Proline-rich receptor-like protein kinase PERK14
augustus-11-processed-gene-182.41-mRNA-1	Japonica	NA		Os11g0558300	OsR498G1120351100.01.T01	AMP-binding enzyme family protein, expressed
augustus-11-processed-gene-184.34-mRNA-1	Japonica	NA		Os11g0562100	OsR498G1120361100.01.T02	Terpene cyclase/mutase family member
augustus-11-processed-gene-185.22-mRNA-1	Japonica	NA	LRR-TM	Os11g0565000	OsR498G1120370300.01.T01	Leucine Rich Repeat family protein, expressed
augustus-11-processed-gene-187.24-mRNA-1	Japonica	NA		Os11g0568500	OsR498G1120379500.01.T02	Prefoldin subunit
augustus-11-processed-gene-189.16-mRNA-1	Japonica	NA		Os11g0571900	OsR498G1120390900.01.T01	TPX2 domain-containing protein (Fragment)
augustus-11-processed-gene-19.24-mRNA-1	Japonica	NA		Os11g0156300	OsR498G1119444100.01.T01	Transcription repressor
augustus-11-processed-gene-193.13-mRNA-1	Japonica	Japonica		Os11g0577800	OsR498G0307190300.01.T02	Glucan endo-1,3-beta-D-glucosidase
augustus-11-processed-gene-193.14-mRNA-1	Japonica	Indica		Os03g0804800	OsR498G1120402700.01.T01	CCT-theta
augustus-11-processed-gene-193.22-mRNA-1	Japonica	NA		Os11g0578100	OsR498G1120403100.01.T01	J domain-containing protein (Fragment)
augustus-11-processed-gene-193.30-mRNA-1	Japonica	NA		Os11g0578700	OsR498G1120405100.01.T01	F-box only protein 7
augustus-11-processed-gene-194.1-mRNA-1	Japonica	Japonica		Os11g0579600	OsR498G1120405500.01.T01	F-box domain containing protein, expressed
augustus-11-processed-gene-196.0-mRNA-1	Japonica	NA		Os11g0584100	OsR498G1120415500.01.T01	F-box only protein 7

augustus-11-processed-gene-197.15-mRNA-1	Japonica	NA		Os11g0586900	OsR498G1120421300.01.T02	ADP-ribosylation factor-like protein 5
augustus-11-processed-gene-2.36-mRNA-1	Japonica	NA		Os11g0119700	OsR498G1220832200.01.T01	Secologanin synthase
augustus-11-processed-gene-2.54-mRNA-1	Japonica	NA		Os12g0120900	OsR498G1220825200.01.T01	High density lipoprotein binding protein
augustus-11-processed-gene-200.40-mRNA-1	Japonica	NA		Os11g0591600	OsR498G1120433100.01.T01	DJ-1 protein-like protein E
augustus-11-processed-gene-200.53-mRNA-1	Japonica	NA		Os11g0592200	OsR498G1120434500.01.T01	Barwin domain-containing protein
augustus-11-processed-gene-201.32-mRNA-1	Japonica	NA		Os11g0593100	OsR498G1120437900.01.T01	DUF295 domain-containing protein (Fragment)
augustus-11-processed-gene-201.44-mRNA-1	Japonica	Indica		Os11g0593500	OsR498G1120438300.01.T01	DUF295 domain-containing protein (Fragment)
augustus-11-processed-gene-201.45-mRNA-1	Japonica	Japonica		Os11g0593500	OsR498G1120439100.01.T01	DUF295 domain-containing protein (Fragment)
augustus-11-processed-gene-201.48-mRNA-1	Japonica	NA		Os11g0594700	OsR498G1120444100.01.T01	F-box domain-containing protein
augustus-11-processed-gene-201.49-mRNA-1	Japonica	NA		Os11g0594800	OsR498G1120444500.01.T01	F-box domain-containing protein
augustus-11-processed-gene-201.50-mRNA-1	Japonica	NA		Os11g0595000	OsR498G1120445100.01.T01	F-box domain-containing protein
augustus-11-processed-gene-204.32-mRNA-1	Japonica	Japonica	CC-NBS	Os11g0598500	OsR498G1120448400.01.T01	Leucine Rich Repeat family protein, expressed
augustus-11-processed-gene-204.33-mRNA-1	Japonica	NA		Os04g0576300	OsR498G0409126100.01.T01	PUA domain-containing protein (Fragment)
augustus-11-processed-gene-205.0-mRNA-1	Japonica	Indica		Os09g0434900	OsR498G1120456900.01.T01	IBR domain-containing protein
augustus-11-processed-gene-206.1-mRNA-1	Japonica	NA		Os11g0600700	OsR498G1120466900.01.T02	RING-CH-type domain-containing protein
augustus-11-processed-gene-206.17-mRNA-1	Japonica	Japonica	Kinase-TM	Os11g0601500	OsR498G1120470500.01.T01	Putative serine/threonine-specific protein kinase
augustus-11-processed-gene-206.20-mRNA-1	Japonica	NA		Os11g0601600	OsR498G1120470700.01.T01	Methyltransferase
augustus-11-processed-gene-207.20-mRNA-1	Japonica	NA		Os11g0602200	OsR498G1120473300.01.T05	Histone-lysine N-methyltransferase H3 lysine-9 specific SUVH3
augustus-11-processed-gene-207.23-mRNA-1	Japonica	Japonica		Os11g0602400	OsR498G0612676800.01.T03	tRNA-intron lyase
augustus-11-processed-gene-207.24-mRNA-1	Japonica	NA		Os11g0602600	OsR498G1120474500.01.T03	30S ribosomal protein S4, chloroplastic
augustus-11-processed-gene-208.16-mRNA-1	Japonica	NA			OsR498G1120479500.01.T01	
augustus-11-processed-gene-209.35-mRNA-1	Japonica	Japonica	NBS-TM	Os11g0606500	OsR498G1120485700.01.T01	Nucleotide binding-leucine rich repeat protein
augustus-11-processed-gene-209.38-mRNA-1	Japonica	NA		Os11g0607100	OsR498G1120486300.01.T02	Pentatricopeptide repeat-containing protein isoform A
augustus-11-processed-gene-211.13-mRNA-1	Japonica	NA		Os11g0610600	OsR498G1120490700.01.T02	RING-H2 finger protein ATL54
augustus-11-processed-gene-211.18-mRNA-1	Japonica	NA			OsR498G1120492100.01.T01	
augustus-11-processed-gene-214.19-mRNA-1	Japonica	NA		Os11g0615600	OsR498G1120508300.01.T01	
augustus-11-processed-gene-215.12-mRNA-1	Japonica	NA		Os11g0616200	OsR498G1120511100.01.T01	Peptidylprolyl isomerase
augustus-11-processed-gene-217.16-mRNA-1	Japonica	NA			OsR498G1120524700.01.T02	Monosaccharide-sensing protein 2
augustus-11-processed-gene-217.18-mRNA-1	Japonica	NA		Os11g0620800		
augustus-11-processed-gene-218.12-mRNA-1	Japonica	NA		Os11g0622800	OsR498G1120532700.01.T01	Cinnamyl alcohol dehydrogenase
augustus-11-processed-gene-219.22-mRNA-1	Japonica	NA		Os07g0543700	OsR498G0408675500.01.T01	
augustus-11-processed-gene-219.23-mRNA-1	Japonica	Indica		Os11g0624500	OsR498G1120542900.01.T01	DUF295 domain-containing protein (Fragment)
augustus-11-processed-gene-22.10-mRNA-1	Japonica	NA			OsR498G1119463500.01.T01	Nodulation-signaling pathway 2 protein-like
augustus-11-processed-gene-22.11-mRNA-1	Japonica	NA				Fusarium resistance protein I2C-5-like
augustus-11-processed-gene-22.12-mRNA-1	Japonica	NA		Os11g0160800	OsR498G1119464700.01.T01	NB-ARC domain, putative
augustus-11-processed-gene-22.6-mRNA-1	Japonica	Indica		Os11g0160000	OsR498G1119460700.01.T01	
augustus-11-processed-gene-22.7-mRNA-1	Japonica	Indica		Os11g0160000	OsR498G1119461100.01.T01	
augustus-11-processed-gene-22.8-mRNA-1	Japonica	NA		Os11g0160400		DD-transpeptidase
augustus-11-processed-gene-22.9-mRNA-1	Japonica	Indica		Os11g0160500	OsR498G1119463100.01.T01	Transcription factor VIP1
augustus-11-processed-gene-221.22-mRNA-1	Japonica	NA		Os06g0489700	OsR498G0510061500.01.T01	DUF295 domain-containing protein
augustus-11-processed-gene-221.23-mRNA-1	Japonica	NA		Os11g0628800		HAT family dimerisation domain containing protein
augustus-11-processed-gene-222.14-mRNA-1	Japonica	NA		Os11g0630600		MATH domain-containing protein
augustus-11-processed-gene-223.15-mRNA-1	Japonica	NA		Os11g0631600	OsR498G1120574300.01.T01	MATH domain-containing protein (Fragment)
augustus-11-processed-gene-223.18-mRNA-1	Japonica	NA		Os11g0631900		Epstein-Barr virus EBNA-1-like protein
augustus-11-processed-gene-224.16-mRNA-1	Japonica	NA			OsR498G0917372400.01.T01	BKRF1 encodes EBNA-1 protein-like
augustus-11-processed-gene-228.19-mRNA-1	Japonica	Japonica	LRR-NBS-TM	Os11g0640300	OsR498G1120612100.01.T01	Leucine Rich Repeat family protein, expressed
augustus-11-processed-gene-228.9-mRNA-1	Japonica	NA		Os11g0639300	OsR498G1120609300.01.T01	DUF4220 domain-containing protein (Fragment)
augustus-11-processed-gene-23.0-mRNA-1	Japonica	NA		Os11g0161000	OsR498G1119465100.01.T03	NB-ARC domain, putative
augustus-11-processed-gene-23.11-mRNA-1	Japonica	Indica		Os04g0538400	OsR498G1119466100.01.T01	Vacuolar iron transporter homolog 4
augustus-11-processed-gene-231.20-mRNA-1	Japonica	NA			OsR498G1120631500.01.T01	
augustus-11-processed-gene-231.21-mRNA-1	Japonica	Indica	NBS-LRR	Os11g0644700	OsR498G1120631700.01.T01	Disease Resistance protein Pi1 (allele at the Pik locus)
augustus-11-processed-gene-235.0-mRNA-1	Japonica	Japonica		Os11g0650100	OsR498G0306323800.01.T01	
augustus-11-processed-gene-235.26-mRNA-1	Japonica	NA	CC-NBS-TM	Os11g0652100	OsR498G1120654000.01.T01	Disease resistance protein RPM1
augustus-11-processed-gene-236.18-mRNA-1	Japonica	NA	NBS-TM	Os11g0654100		NB-ARC domain containing protein, expressed
augustus-11-processed-gene-237.18-mRNA-1	Japonica	NA	CC-NBS-TM	Os11g0655300	OsR498G1120667300.01.T01	NB-ARC domain containing protein, expressed
augustus-11-processed-gene-24.1-mRNA-1	Japonica	Japonica		Os11g0163500	OsR498G1119469700.01.T03	Trihelix transcription factor
augustus-11-processed-gene-24.10-mRNA-1	Japonica	NA		Os11g0163800	OsR498G1119470500.01.T01	
augustus-11-processed-gene-241.31-mRNA-1	Japonica	NA			OsR498G1120687300.01.T02	Auxilin-related protein 1
augustus-11-processed-gene-245.2-mRNA-1	Japonica	NA			OsR498G1120693500.01.T01	
augustus-11-processed-gene-246.20-mRNA-1	Japonica	NA			OsR498G1120697900.01.T02	Calmodulin-binding protein-like
augustus-11-processed-gene-246.34-mRNA-1	Japonica	NA			OsR498G1120698700.01.T01	Serine/threonine kinase-like

augustus-11-processed-gene-246.40-mRNA-1	Japonica	NA		Os11g0670900		Phorbol-ester/DAG-type domain-containing protein
augustus-11-processed-gene-247.35-mRNA-1	Japonica	NA		Os11g0672900	OsR498G1120706700.01.T01	Calmodulin binding protein-like
augustus-11-processed-gene-248.0-mRNA-1	Japonica	NA				Transposon protein, putative, CACTA, En/Spm sub-class
augustus-11-processed-gene-25.0-mRNA-1	Japonica	NA		Os11g0166100	OsR498G1119471900.01.T01	F-box domain-containing protein (Fragment)
augustus-11-processed-gene-251.13-mRNA-1	Japonica	NA			OsR498G0612612900.01.T01	DUF834 domain-containing protein
augustus-11-processed-gene-252.15-mRNA-1	Japonica	NA			OsR498G0408884400.01.T03	Epstein-Barr virus EBNA-1-like
augustus-11-processed-gene-252.2-mRNA-1	Japonica	NA		Os11g0683600		
augustus-11-processed-gene-261.0-mRNA-1	Japonica	NA		Os11g0701100	OsR498G1120762300.01.T01	Xylanase inhibitor
augustus-11-processed-gene-261.1-mRNA-1	Japonica	NA		Os11g0701200	OsR498G1120762500.01.T01	Xylanase inhibitor XIP-III
augustus-11-processed-gene-261.18-mRNA-1	Japonica	NA		Os11g0701800	OsR498G1120763500.01.T01	Xylanase inhibitor
augustus-11-processed-gene-262.22-mRNA-1	Japonica	NA		Os11g0705200	OsR498G1120771100.01.T01	GRAS transcription factor
augustus-11-processed-gene-263.49-mRNA-1	Japonica	Indica		Os11g0705200	OsR498G1120772300.01.T01	GRAS family transcription factor containing protein, expressed
augustus-11-processed-gene-263.50-mRNA-1	Japonica	Japonica		Os11g0705900	OsR498G1120772300.01.T01	GRAS transcription factor
augustus-11-processed-gene-263.51-mRNA-1	Japonica	NA		Os11g0706000		GRAS transcription factor
augustus-11-processed-gene-263.52-mRNA-1	Japonica	NA		Os11g0706200		GRAS transcription factor
augustus-11-processed-gene-263.65-mRNA-1	Japonica	Japonica		Os11g0708500	OsR498G1120778700.01.T01	probable pyridoxal 5'-phosphate synthase subunit PDX1
augustus-11-processed-gene-27.38-mRNA-1	Japonica	NA			OsR498G1119475700.01.T01	DUF676 domain-containing protein
augustus-11-processed-gene-27.39-mRNA-1	Japonica	Japonica		Os11g0167600	OsR498G1119475900.01.T01	Exocyst subunit Exo70 family protein (Fragment)
augustus-11-processed-gene-29.29-mRNA-1	Japonica	NA		Os11g0171300	OsR498G1119486400.01.T02	Fructose-bisphosphate aldolase
augustus-11-processed-gene-30.12-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os11g0172800	OsR498G1119491700.01.T01	Protein kinase domain-containing protein
augustus-11-processed-gene-31.0-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os11g0171800	OsR498G1119492700.01.T01	Leucine-rich repeat receptor kinase (LRR-RK)
augustus-11-processed-gene-31.11-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-11-processed-gene-32.20-mRNA-1	Japonica	NA			OsR498G0101775500.01.T01	Putative VVTN beta-propeller repeat-containing protein
augustus-11-processed-gene-33.42-mRNA-1	Japonica	NA			OsR498G1119510100.01.T01	Serine/arginine repetitive matrix protein 1-like
augustus-11-processed-gene-34.15-mRNA-1	Japonica	Indica		Os11g0179700	OsR498G1119517500.01.T01	Dirigent protein 2
augustus-11-processed-gene-34.18-mRNA-1	Japonica	NA		Os11g0180000	OsR498G1119518700.01.T02	
augustus-11-processed-gene-36.0-mRNA-1	Japonica	NA		Os11g0181800	OsR498G1119522900.01.T07	Glucose/ribitol dehydrogenase
augustus-11-processed-gene-37.29-mRNA-1	Japonica	NA		Os11g0184100	OsR498G1119530100.01.T04	Steroid 5-alpha-reductase DET2
augustus-11-processed-gene-37.32-mRNA-1	Japonica	NA		Os09g0491100	OsR498G0917727000.01.T01	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucoside
augustus-11-processed-gene-38.0-mRNA-1	Japonica	NA		Os11g0185100		
augustus-11-processed-gene-39.2-mRNA-1	Japonica	NA		Os11g0186800	OsR498G1119536300.01.T02	Anion transporter 5 like
augustus-11-processed-gene-40.14-mRNA-1	Japonica	NA		Os05g0267732	OsR498G0510209200.01.T01	
augustus-11-processed-gene-40.15-mRNA-1	Japonica	NA		Os05g0267732	OsR498G0510209200.01.T01	
augustus-11-processed-gene-41.20-mRNA-1	Japonica	NA		Os11g0194600	OsR498G1119545900.01.T01	PMEI domain-containing protein
augustus-11-processed-gene-42.15-mRNA-1	Japonica	NA				
augustus-11-processed-gene-43.12-mRNA-1	Japonica	NA		Os11g0261900	OsR498G1119742100.01.T04	Shewanella-like protein phosphatase 2
augustus-11-processed-gene-43.45-mRNA-1	Japonica	Japonica	NBS-TM	Os11g0263000	OsR498G1119746200.01.T02	Similar to NBS-LRR disease resistance protein homologue
augustus-11-processed-gene-46.39-mRNA-1	Japonica	NA		Os11g0267000	OsR498G1119770300.01.T01	tetrapyrrole-binding protein, chloroplastic-like
augustus-11-processed-gene-47.25-mRNA-1	Japonica	NA		Os07g0415700	OsR498G1018346700.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-11-processed-gene-49.12-mRNA-1	Japonica	NA				Disease resistance protein RPM1
augustus-11-processed-gene-49.13-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os11g0270500	OsR498G1119789300.01.T01	NB-ARC domain, putative
augustus-11-processed-gene-54.21-mRNA-1	Japonica	NA			OsR498G1119729300.01.T01	
augustus-11-processed-gene-55.15-mRNA-1	Japonica	NA			OsR498G0510294600.01.T01	Zinc knuckle containing protein-like
augustus-11-processed-gene-6.102-mRNA-1	Japonica	NA		Os11g0128400	OsR498G1119357300.01.T01	Cell division control protein 45
augustus-11-processed-gene-6.103-mRNA-1	Japonica	NA		Os11g0128600		
augustus-11-processed-gene-61.5-mRNA-1	Japonica	NA				Exopolygalacturonase clone GBGE184
augustus-11-processed-gene-61.7-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os11g0249900	OsR498G1119716500.01.T01	Probably inactive leucine-rich repeat receptor-like protein kinase
augustus-11-processed-gene-69.18-mRNA-1	Japonica	NA			OsR498G0307081900.01.T01	
augustus-11-processed-gene-7.15-mRNA-1	Japonica	NA		Os11g0131100	OsR498G1119366100.01.T01	VQ motif family protein, expressed
augustus-11-processed-gene-7.17-mRNA-1	Japonica	NA		Os12g0128300	OsR498G1220873500.01.T01	Pentatricopeptide, putative, expressed
augustus-11-processed-gene-70.2-mRNA-1	Japonica	NA		Os11g0207100	OsR498G1119587900.01.T03	Transcriptional corepressor SEUSS
augustus-11-processed-gene-75.39-mRNA-1	Japonica	NA	LRR-TM	Os11g0213500	OsR498G1119614900.01.T01	Pentatricopeptide repeat-containing protein
augustus-11-processed-gene-75.43-mRNA-1	Japonica	Japonica		Os11g0214400	OsR498G1119617700.01.T01	Dirigent protein (Fragment)
augustus-11-processed-gene-76.18-mRNA-1	Japonica	NA		Os11g0215100	OsR498G1119617900.01.T01	Dirigent protein (Fragment)
augustus-11-processed-gene-76.4-mRNA-1	Japonica	NA		Os11g0214700	OsR498G1119617700.01.T01	Dirigent protein (Fragment)
augustus-11-processed-gene-79.18-mRNA-1	Japonica	NA		Os11g0221300	OsR498G1119635700.01.T01	Putative auxin-responsive protein IAA29
augustus-11-processed-gene-8.78-mRNA-1	Japonica	NA			OsR498G1119368700.01.T03	Non-reducing end alpha-L-arabinofuranosidase
augustus-11-processed-gene-8.93-mRNA-1	Japonica	NA			OsR498G0203751900.01.T06	PORR domain-containing protein (Fragment)
augustus-11-processed-gene-8.94-mRNA-1	Japonica	NA	CC-Kinase-TM	Os11g0132900	OsR498G1119371300.01.T01	Non-specific serine/threonine protein kinase
augustus-11-processed-gene-8.96-mRNA-1	Japonica	Indica	Kinase-TM	Os12g0130300	OsR498G1119373100.01.T01	Receptor-like serine/threonine-protein kinase
augustus-11-processed-gene-8.97-mRNA-1	Japonica	NA		Os11g0133600	OsR498G1119374500.01.T01	Heterogeneous nuclear ribonucleoprotein F

augustus-11-processed-gene-81.10-mRNA-1	Japonica	NA			OsR498G1019116800.01.T01	
augustus-11-processed-gene-81.11-mRNA-1	Japonica	Japonica		Os07g0543700	OsR498G1120733700.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-11-processed-gene-81.30-mRNA-1	Japonica	NA				
augustus-11-processed-gene-81.9-mRNA-1	Japonica	NA			OsR498G1119639100.01.T01	
augustus-11-processed-gene-83.15-mRNA-1	Japonica	NA	LRR-NBS-TM	Os11g0229400	OsR498G1119649900.01.T03	NBS-LRR type protein (Fragment)
augustus-11-processed-gene-84.35-mRNA-1	Japonica	NA			OsR498G1119653300.01.T01	
augustus-11-processed-gene-89.15-mRNA-1	Japonica	NA		Os11g0241000	OsR498G1119684100.01.T01	
augustus-11-processed-gene-94.0-mRNA-1	Japonica	NA			OsR498G1119917900.01.T01	F-box/LRR-repeat protein 4
augustus-12-processed-gene-0.3-mRNA-1	Japonica	NA		Os11g0100150		
augustus-12-processed-gene-0.4-mRNA-1	Japonica	NA		Os11g0100200	OsR498G1220782900.01.T03	THO complex subunit 4-A
augustus-12-processed-gene-10.1-mRNA-1	Japonica	NA			OsR498G1220828000.01.T03	Bis(5'-adenosyl)-triphosphatase
augustus-12-processed-gene-10.19-mRNA-1	Japonica	Japonica		Os12g0120900	OsR498G1220825200.01.T01	Pentatricopeptide repeat-containing protein
augustus-12-processed-gene-10.21-mRNA-1	Japonica	NA		Os12g0121600	OsR498G1220848300.01.T01	Cation/H(+) antiporter 15
augustus-12-processed-gene-100.11-mRNA-1	Japonica	NA			OsR498G1221264300.01.T02	Pentatricopeptide repeat
augustus-12-processed-gene-103.15-mRNA-1	Japonica	NA				
augustus-12-processed-gene-106.25-mRNA-1	Japonica	NA			OsR498G1221301600.01.T01	
augustus-12-processed-gene-109.1-mRNA-1	Japonica	NA		Os06g0114366	OsR498G0613198100.01.T01	Selenium-binding protein-like
augustus-12-processed-gene-11.44-mRNA-1	Japonica	NA			OsR498G1220852300.01.T01	Retrotransposon protein, putative, unclassified
augustus-12-processed-gene-110.0-mRNA-1	Japonica	NA		Os12g0283400	OsR498G1221320300.01.T01	Pectinesterase inhibitor 28
augustus-12-processed-gene-110.9-mRNA-1	Japonica	NA				protein ACCELERATED CELL DEATH 6-like
augustus-12-processed-gene-114.41-mRNA-1	Japonica	NA			OsR498G1221348100.01.T02	Helicase and polymerase-containing protein TEBICHI
augustus-12-processed-gene-115.14-mRNA-1	Japonica	NA				RNA-directed DNA polymerase
augustus-12-processed-gene-124.16-mRNA-1	Japonica	NA		Os12g0405100	OsR498G1221366300.01.T01	Zinc finger CCCH domain-containing protein 66
augustus-12-processed-gene-126.23-mRNA-1	Japonica	NA		Os12g0407800	OsR498G1221372700.01.T03	Pentatricopeptide repeat-containing protein
augustus-12-processed-gene-127.10-mRNA-1	Japonica	NA			OsR498G1221377300.01.T04	
augustus-12-processed-gene-137.1-mRNA-1	Japonica	Indica		Os01g0389200	OsR498G1221417500.01.T01	
augustus-12-processed-gene-14.55-mRNA-1	Japonica	NA		Os12g0128300	OsR498G1220873500.01.T01	Pentatricopeptide, putative, expressed
augustus-12-processed-gene-14.68-mRNA-1	Japonica	NA		Os11g0132100	OsR498G1119369400.01.T01	PMEI domain-containing protein (Fragment)
augustus-12-processed-gene-14.82-mRNA-1	Japonica	NA				Aladin isoform A
augustus-12-processed-gene-15.1-mRNA-1	Japonica	NA			OsR498G1220878500.01.T02	
augustus-12-processed-gene-15.14-mRNA-1	Japonica	NA		Os12g0131000	OsR498G1220884900.01.T01	Heterogeneous nuclear ribonucleoprotein F
augustus-12-processed-gene-15.2-mRNA-1	Japonica	Japonica		Os12g0129700	OsR498G1220879500.01.T01	F-box domain containing protein, expressed
augustus-12-processed-gene-151.7-mRNA-1	Japonica	NA	NBS-TM	Os12g0438300	OsR498G1221468900.01.T01	Disease resistance protein RGA2
augustus-12-processed-gene-156.16-mRNA-1	Japonica	NA		Os12g0443500	OsR498G1221501200.01.T01	UDP-glucose 6-dehydrogenase 5
augustus-12-processed-gene-156.17-mRNA-1	Japonica	NA		Os12g0443600	OsR498G1221500400.01.T03	UDP-glucose 6-dehydrogenase 3
augustus-12-processed-gene-167.10-mRNA-1	Japonica	NA		Os12g0455000	OsR498G1221537900.01.T01	Kazal-like domain-containing protein
augustus-12-processed-gene-167.22-mRNA-1	Japonica	Japonica		Os12g0456100	OsR498G1221540900.01.T05	Putative pentatricopeptide repeat-containing protein mitochondrial
augustus-12-processed-gene-167.8-mRNA-1	Japonica	Japonica	Kinase-TM	Os12g0454800	OsR498G1221536100.01.T01	Histidine kinase2
augustus-12-processed-gene-170.13-mRNA-1	Japonica	NA		Os12g0460000	OsR498G1221549300.01.T01	
augustus-12-processed-gene-170.7-mRNA-1	Japonica	NA				AT hook motif-containing protein, putative, expressed
augustus-12-processed-gene-171.6-mRNA-1	Japonica	NA			OsR498G1221550500.01.T01	
augustus-12-processed-gene-173.17-mRNA-1	Japonica	Indica		Os12g0465100	OsR498G1221564100.01.T01	
augustus-12-processed-gene-173.6-mRNA-1	Japonica	NA		Os12g0464200	OsR498G1221563300.01.T01	F-box domain containing protein, expressed
augustus-12-processed-gene-175.1-mRNA-1	Japonica	Indica		Os12g0467200	OsR498G1221571300.01.T01	
augustus-12-processed-gene-178.12-mRNA-1	Japonica	NA		Os12g0471100	OsR498G1221576100.01.T01	Adenosinetriphosphatase
augustus-12-processed-gene-179.10-mRNA-1	Japonica	NA		Os12g0472500	OsR498G1221579700.01.T01	TPD1 protein homolog 1
augustus-12-processed-gene-180.1-mRNA-1	Japonica	NA			OsR498G1221583500.01.T01	Protease inhibitor/seed storage/LTP family protein
augustus-12-processed-gene-182.1-mRNA-1	Japonica	NA			OsR498G1221585700.01.T01	Retrotransposon protein, putative, Ty3-gypsy subclass
augustus-12-processed-gene-182.13-mRNA-1	Japonica	Indica	CC-LRR-NBS-TM	Os12g0477100	OsR498G1221588100.01.T01	NB-ARC domain containing protein, expressed
augustus-12-processed-gene-184.1-mRNA-1	Japonica	NA		Os12g0478400		Wall-associated receptor kinase 3
augustus-12-processed-gene-184.2-mRNA-1	Japonica	NA			OsR498G1120619900.01.T01	UvrD-like helicase C-terminal domain/Helix-hairpin-helix containing domain
augustus-12-processed-gene-186.9-mRNA-1	Japonica	NA			OsR498G0815948900.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-12-processed-gene-187.0-mRNA-1	Japonica	Indica		Os12g0482600	OsR498G1221614700.01.T01	Protein CONTINUOUS VASCULAR RING like
augustus-12-processed-gene-187.33-mRNA-1	Japonica	NA			OsR498G0510294600.01.T01	Zinc knuckle domain-like
augustus-12-processed-gene-188.25-mRNA-1	Japonica	Indica		Os12g0484900	OsR498G1221621100.01.T02	Growth-regulating factor like
augustus-12-processed-gene-19.11-mRNA-1	Japonica	NA		Os12g0134900	OsR498G1119389500.01.T01	Putative cytochrome P450-dependent fatty acid hydroxylase
augustus-12-processed-gene-19.12-mRNA-1	Japonica	NA		Os12g0135200	OsR498G1119390700.01.T01	Kelch motif family protein, expressed
augustus-12-processed-gene-19.18-mRNA-1	Japonica	Japonica		Os12g0136100	OsR498G1220899500.01.T01	TPT domain-containing protein
augustus-12-processed-gene-19.20-mRNA-1	Japonica	Indica		Os05g0495200	OsR498G1220899900.01.T02	Basic-leucine zipper transcription factor
augustus-12-processed-gene-190.2-mRNA-1	Japonica	NA		Os12g0486800		
augustus-12-processed-gene-191.1-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like

augustus-12-processed-gene-193.0-mRNA-1	Japonica	NA				Transcription termination factor MTERF15, mitochondrial
augustus-12-processed-gene-198.43-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os12g0498650	OsR498G1221664100.01.T01	Protein kinase domain-containing protein (Fragment)
augustus-12-processed-gene-198.45-mRNA-1	Japonica	NA		Os12g0498900	OsR498G1221666100.01.T01	Transmembrane protein
augustus-12-processed-gene-199.19-mRNA-1	Japonica	NA			OsR498G0611633900.01.T01	
augustus-12-processed-gene-200.10-mRNA-1	Japonica	NA		Os12g0502200	OsR498G1221670300.01.T04	Glycine-rich protein2
augustus-12-processed-gene-202.12-mRNA-1	Japonica	NA		Os05g0128900	OsR498G0816083200.01.T02	Trehalose-phosphatase
augustus-12-processed-gene-204.10-mRNA-1	Japonica	NA		Os12g0508400	OsR498G1221692700.01.T02	
augustus-12-processed-gene-205.31-mRNA-1	Japonica	NA				Putative retroelement
augustus-12-processed-gene-205.35-mRNA-1	Japonica	NA	NBS-TM		OsR498G1221700900.01.T01	NB-ARC domain containing protein, expressed
augustus-12-processed-gene-207.6-mRNA-1	Japonica	NA		Os12g0512100	OsR498G1221705000.01.T01	MFS domain-containing protein (Fragment)
augustus-12-processed-gene-21.14-mRNA-1	Japonica	NA		Os12g0139400	OsR498G1220910900.01.T01	Two-component response regulator ORR10
augustus-12-processed-gene-21.15-mRNA-1	Japonica	NA			OsR498G1119403900.01.T01	
augustus-12-processed-gene-21.18-mRNA-1	Japonica	Japonica		Os12g0140200	OsR498G1119404100.01.T01	probable calcium-binding protein CML25
augustus-12-processed-gene-21.24-mRNA-1	Japonica	NA		Os12g0140600	OsR498G1220914900.01.T04	RING finger protein 38
augustus-12-processed-gene-219.15-mRNA-1	Japonica	NA		Os12g0540000	OsR498G1221781100.01.T01	
augustus-12-processed-gene-22.0-mRNA-1	Japonica	Indica		Os11g0144900	OsR498G1220915700.01.T01	PGG domain-containing protein
augustus-12-processed-gene-22.1-mRNA-1	Japonica	NA		Os12g0141000	OsR498G1119405700.01.T01	Embryogenesis transmembrane protein-like
augustus-12-processed-gene-220.0-mRNA-1	Japonica	NA				Cell wall protein-like
augustus-12-processed-gene-227.9-mRNA-1	Japonica	Indica		Os12g0261300	OsR498G1221851600.01.T01	Patatin
augustus-12-processed-gene-229.35-mRNA-1	Japonica	Indica		Os12g0556100	OsR498G1221864300.01.T01	Protein DEHYDRATION-INDUCED 19 homolog 3
augustus-12-processed-gene-229.43-mRNA-1	Japonica	NA		Os12g0556200	OsR498G1221864900.01.T02	Calmodulin-binding protein, putative, expressed
augustus-12-processed-gene-229.48-mRNA-1	Japonica	Japonica		Os12g0556900	OsR498G1221867300.01.T01	Calmodulin-binding protein-like
augustus-12-processed-gene-231.28-mRNA-1	Japonica	NA		Os12g0559400		Disease resistance protein RPM1
augustus-12-processed-gene-232.11-mRNA-1	Japonica	NA			OsR498G1221878700.01.T02	BZIP transcription factor
augustus-12-processed-gene-234.3-mRNA-1	Japonica	Indica		Os12g0563600	OsR498G1221888700.01.T01	26S proteasome non-ATPase regulatory subunit like
augustus-12-processed-gene-237.22-mRNA-1	Japonica	Indica		Os11g0703900	OsR498G1221905900.01.T03	Putative mediator of RNA polymerase II transcription subunit 37c
augustus-12-processed-gene-237.23-mRNA-1	Japonica	NA		Os12g0569900	OsR498G1221906500.01.T01	Dof-type zinc finger protein 28
augustus-12-processed-gene-237.4-mRNA-1	Japonica	NA		Os12g0569000		
augustus-12-processed-gene-238.40-mRNA-1	Japonica	Japonica		Os12g0571700	OsR498G1221912500.01.T01	
augustus-12-processed-gene-239.1-mRNA-1	Japonica	Japonica		Os12g0572700	OsR498G1018848000.01.T01	Exostosin family protein, expressed
augustus-12-processed-gene-239.13-mRNA-1	Japonica	NA		Os12g0573200	OsR498G1221918700.01.T01	GRAS family transcription factor containing protein, expressed
augustus-12-processed-gene-24.33-mRNA-1	Japonica	NA		Os12g0144100		Jacalin-type lectin domain-containing protein (Fragment)
augustus-12-processed-gene-243.22-mRNA-1	Japonica	Indica		Os12g0580400	OsR498G1221944300.01.T01	Polyamine transporter like
augustus-12-processed-gene-243.28-mRNA-1	Japonica	NA		Os12g0580900	OsR498G1221945900.01.T01	Protein-serine/threonine phosphatase
augustus-12-processed-gene-248.16-mRNA-1	Japonica	NA		Os12g0587200	OsR498G1221992910.01.T02	PMD domain-containing protein
augustus-12-processed-gene-25.23-mRNA-1	Japonica	NA		Os12g0147200	OsR498G1220936500.01.T01	RING-type domain-containing protein
augustus-12-processed-gene-250.31-mRNA-1	Japonica	NA		Os12g0590900	OsR498G1222008300.01.T01	Pyridoxal phosphate (PLP)-dependent transferases superfamily protein
augustus-12-processed-gene-250.39-mRNA-1	Japonica	Indica		Os12g0592300	OsR498G1222010700.01.T01	B3 DNA binding domain containing protein
augustus-12-processed-gene-251.13-mRNA-1	Japonica	NA			OsR498G1222021700.01.T01	
augustus-12-processed-gene-251.7-mRNA-1	Japonica	Indica		Os12g0591600	OsR498G1222011000.01.T01	probable transcription factor KAN4
augustus-12-processed-gene-253.57-mRNA-1	Japonica	Indica		Os12g0595800	OsR498G1222032500.01.T01	Protein kinase domain-containing protein
augustus-12-processed-gene-253.59-mRNA-1	Japonica	Japonica		Os12g0596300	OsR498G1222033300.01.T01	Phorbol-ester/DAG-type domain-containing protein (Fragment)
augustus-12-processed-gene-254.0-mRNA-1	Japonica	Indica		Os12g0597600	OsR498G1222036300.01.T03	Nucleic acid binding protein
augustus-12-processed-gene-255.23-mRNA-1	Japonica	NA		Os12g0599800	OsR498G1222046500.01.T01	PMEI domain-containing protein (Fragment)
augustus-12-processed-gene-26.12-mRNA-1	Japonica	NA		Os12g0149000	OsR498G1220942300.01.T03	
augustus-12-processed-gene-260.18-mRNA-1	Japonica	Japonica	Kinase-TM	Os12g0608500	OsR498G1222080600.01.T01	Lectin protein kinase, putative, expressed
augustus-12-processed-gene-260.19-mRNA-1	Japonica	Japonica		Os12g0609200	OsR498G0816121400.01.T01	Tify domain-containing protein
augustus-12-processed-gene-260.23-mRNA-1	Japonica	NA			OsR498G0305810200.01.T01	
augustus-12-processed-gene-260.4-mRNA-1	Japonica	Indica		Os12g0607800	OsR498G1222075700.01.T01	DUF295 domain-containing protein
augustus-12-processed-gene-261.30-mRNA-1	Japonica	NA		Os12g0610100		
augustus-12-processed-gene-261.31-mRNA-1	Japonica	NA		Os12g0610200	OsR498G1222083900.01.T01	BHLH domain-containing protein (Fragment)
augustus-12-processed-gene-262.26-mRNA-1	Japonica	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class, expressed
augustus-12-processed-gene-262.8-mRNA-1	Japonica	NA		Os12g0611900	OsR498G1222092500.01.T02	Beta-1,4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase
augustus-12-processed-gene-264.32-mRNA-1	Japonica	NA	Kinase-TM	Os12g0614600	OsR498G1222101900.01.T01	Protein kinase PINOID
augustus-12-processed-gene-264.34-mRNA-1	Japonica	Indica	Kinase-TM	Os12g0615300	OsR498G1222102900.01.T01	Wall-associated receptor kinase 5
augustus-12-processed-gene-264.46-mRNA-1	Japonica	NA	Kinase-TM	Os12g0615300	OsR498G1222104500.01.T04	Wall-associated receptor kinase 5
augustus-12-processed-gene-264.49-mRNA-1	Japonica	Indica		Os12g0615900	OsR498G1222106300.01.T01	p21-activated protein kinase-interacting protein 1-like isoform X1
augustus-12-processed-gene-266.21-mRNA-1	Japonica	NA		Os12g0617400	OsR498G1222114300.01.T01	Plastid 9-cis-epoxycarotenoid dioxygenase
augustus-12-processed-gene-268.23-mRNA-1	Japonica	NA		Os12g0621000	OsR498G1222128900.01.T02	Ubiquitin carboxyl-terminal hydrolase
augustus-12-processed-gene-269.45-mRNA-1	Japonica	Japonica		Os12g0622500	OsR498G1222134700.01.T01	
augustus-12-processed-gene-27.0-mRNA-1	Japonica	Japonica		Os12g0150500	OsR498G0815138700.01.T01	Phytocyanin domain-containing protein (Fragment)

augustus-12-processed-gene-27.15-mRNA-1	Japonica	NA		Os12g0151500	OsR498G1220949700.01.T01	sialyltransferase-like protein 1 isoform X1
augustus-12-processed-gene-270.2-mRNA-1	Japonica	NA		Os12g0624200	OsR498G1222139900.01.T01	Sodium/calcium exchanger protein, expressed
augustus-12-processed-gene-270.3-mRNA-1	Japonica	NA			OsR498G1222140300.01.T01	Aminoacyl-tRNA hydrolase
augustus-12-processed-gene-271.4-mRNA-1	Japonica	NA			OsR498G1222145800.01.T01	
augustus-12-processed-gene-272.25-mRNA-1	Japonica	Japonica		Os12g0628200	OsR498G1222149500.01.T01	
augustus-12-processed-gene-272.27-mRNA-1	Japonica	NA		Os12g0630200	OsR498G1222152700.01.T01	Zeamatin
augustus-12-processed-gene-34.26-mRNA-1	Japonica	NA		Os12g0162800		
augustus-12-processed-gene-35.38-mRNA-1	Japonica	Japonica		Os12g0164600	OsR498G1119470500.01.T01	
augustus-12-processed-gene-37.39-mRNA-1	Japonica	NA		Os12g0168800	OsR498G1221019100.01.T03	GATA transcription factor 5
augustus-12-processed-gene-38.0-mRNA-1	Japonica	NA		Os12g0170400		Sensitive to proton rhizotoxicity1
augustus-12-processed-gene-39.32-mRNA-1	Japonica	NA		Os12g0173333	OsR498G1221028300.01.T01	TCP transcription factor
augustus-12-processed-gene-4.20-mRNA-1	Japonica	NA		Os12g0107600	OsR498G1119296700.01.T01	Protein DETOXIFICATION
augustus-12-processed-gene-40.23-mRNA-1	Japonica	NA		Os12g0174300	OsR498G1221031900.01.T01	Serine/arginine repetitive matrix protein 1-like
augustus-12-processed-gene-41.13-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1221041100.01.T01	Non-specific serine/threonine protein kinase
augustus-12-processed-gene-41.14-mRNA-1	Japonica	Indica		Os11g0186200	OsR498G1221041300.01.T01	Aldehyde dehydrogenase NADP-dependent
augustus-12-processed-gene-41.15-mRNA-1	Japonica	NA			OsR498G1221042100.01.T01	probable methyltransferase PMT26
augustus-12-processed-gene-43.43-mRNA-1	Japonica	Japonica		Os12g0181900	OsR498G1221049100.01.T04	Pentatricopeptide repeat
augustus-12-processed-gene-44.36-mRNA-1	Japonica	NA		Os12g0182500	OsR498G1221050900.01.T01	
augustus-12-processed-gene-44.55-mRNA-1	Japonica	NA		Os02g0806500	OsR498G0204973200.01.T01	Poly (A) polymerase
augustus-12-processed-gene-44.57-mRNA-1	Japonica	NA			OsR498G0815170600.01.T01	DUF834 domain-containing protein
augustus-12-processed-gene-47.30-mRNA-1	Japonica	NA		Os12g0189300		Carboxyvinyl-carboxyphosphonate phosphorylmutase, chloroplastic
augustus-12-processed-gene-5.47-mRNA-1	Japonica	NA		Os12g0109600	OsR498G1220812100.01.T01	
augustus-12-processed-gene-5.48-mRNA-1	Japonica	NA		Os12g0109800	OsR498G1220813700.01.T01	Pentatricopeptide, putative
augustus-12-processed-gene-53.1-mRNA-1	Japonica	NA			OsR498G1221088300.01.T01	Serine/threonine-protein kinase OX1
augustus-12-processed-gene-53.29-mRNA-1	Japonica	NA		Os12g0198700	OsR498G1221091800.01.T01	Dirigent protein (Fragment)
augustus-12-processed-gene-53.30-mRNA-1	Japonica	NA		Os12g0199000	OsR498G1221093800.01.T01	inactive protein RESTRICTED TEV MOVEMENT 1-like
augustus-12-processed-gene-56.15-mRNA-1	Japonica	NA			OsR498G1221095700.01.T05	Putative serine/threonine-protein kinase
augustus-12-processed-gene-57.3-mRNA-1	Japonica	NA	CC-NBS-TM	Os12g0204700	OsR498G1221097900.01.T01	NB-ARC domain containing protein, expressed
augustus-12-processed-gene-58.0-mRNA-1	Japonica	NA		Os12g0206700	OsR498G1221102500.01.T03	
augustus-12-processed-gene-6.89-mRNA-1	Japonica	NA		Os12g0111000		Retrotransposon protein, putative, Ty3-gypsy subclass
augustus-12-processed-gene-6.95-mRNA-1	Japonica	NA		Os12g0112250	OsR498G1220818300.01.T05	Surfactant protein B containing protein
augustus-12-processed-gene-65.13-mRNA-1	Japonica	NA			OsR498G0408300400.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-12-processed-gene-65.15-mRNA-1	Japonica	NA		Os12g0218300		
augustus-12-processed-gene-66.2-mRNA-1	Japonica	NA		Os12g0218800		
augustus-12-processed-gene-66.21-mRNA-1	Japonica	NA			OsR498G1221133700.01.T01	
augustus-12-processed-gene-66.22-mRNA-1	Japonica	Indica	LRR-TM	Os12g0218500	OsR498G1221134900.01.T01	Leucine Rich Repeat family protein, expressed
augustus-12-processed-gene-7.39-mRNA-1	Japonica	NA		Os12g0113900	OsR498G1119317100.01.T03	DUF641 domain-containing protein (Fragment)
augustus-12-processed-gene-7.44-mRNA-1	Japonica	NA		Os11g0115466	OsR498G1220845600.01.T01	Non-specific lipid-transfer protein (Fragment)
augustus-12-processed-gene-7.46-mRNA-1	Japonica	NA		Os12g0115100	OsR498G1220845200.01.T01	Non-specific lipid-transfer protein (Fragment)
augustus-12-processed-gene-71.43-mRNA-1	Japonica	Indica		Os12g0226900	OsR498G1221147500.01.T01	NADP-dependent oxidoreductase P1, putative, expressed
augustus-12-processed-gene-75.37-mRNA-1	Japonica	NA		Os12g0233900	OsR498G1221166700.01.T01	FAS1 domain-containing protein (Fragment)
augustus-12-processed-gene-76.11-mRNA-1	Japonica	NA				ATP-dependent DNA helicase
augustus-12-processed-gene-79.5-mRNA-1	Japonica	NA		Os07g0543700	OsR498G1120733700.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-12-processed-gene-8.0-mRNA-1	Japonica	NA		Os12g0115300	OsR498G1220844800.01.T01	Non-specific lipid-transfer protein (Fragment)
augustus-12-processed-gene-8.2-mRNA-1	Japonica	NA			OsR498G1220843600.01.T04	RING-H2 finger protein ATL44
augustus-12-processed-gene-81.16-mRNA-1	Japonica	NA		Os12g0243100	OsR498G1221200500.01.T01	
augustus-12-processed-gene-9.82-mRNA-1	Japonica	NA		Os12g0118800	OsR498G1220833300.01.T06	RNase H domain-containing protein
augustus-12-processed-gene-91.12-mRNA-1	Japonica	NA		Os12g0257500	OsR498G1221223100.01.T02	Reverse transcriptase domain-containing protein
augustus-12-processed-gene-94.10-mRNA-1	Japonica	NA		Os12g0262000		HAT family dimerisation domain containing protein, expressed
augustus-12-processed-gene-94.9-mRNA-1	Japonica	NA				Hydroxyproline-rich glycoprotein-like
augustus-12-processed-gene-96.25-mRNA-1	Japonica	NA		Os12g0264500	OsR498G1221246300.01.T06	Beta-hydroxyisobutyryl-CoA hydrolase 1
augustus-12-processed-gene-97.14-mRNA-1	Japonica	NA		Os12g0265500	OsR498G0306920300.01.T01	HAT family dimerisation domain containing protein, expressed
augustus-12-processed-gene-98.13-mRNA-1	Japonica	NA		Os12g0267500		
augustus-2-processed-gene-1.25-mRNA-1	Japonica	NA		Os02g0102000		Glutaredoxin
augustus-2-processed-gene-101.2-mRNA-1	Japonica	Indica		Os02g0274700	OsR498G0203400900.01.T01	RanBP2-type domain-containing protein (Fragment)
augustus-2-processed-gene-102.26-mRNA-1	Japonica	NA			OsR498G0203403500.01.T01	PMD domain-containing protein
augustus-2-processed-gene-104.36-mRNA-1	Japonica	NA		Os02g0280300	OsR498G0203416300.01.T01	Xyloglucan endotransglucosylase/hydrolase
augustus-2-processed-gene-112.40-mRNA-1	Japonica	NA		Os02g0294000		MFAP1 domain-containing protein
augustus-2-processed-gene-112.52-mRNA-1	Japonica	NA		Os02g0294100	OsR498G0203464000.01.T02	F-box domain-containing protein (Fragment)
augustus-2-processed-gene-114.14-mRNA-1	Japonica	Indica	Kinase-TM	Os02g0298200	OsR498G0203485500.01.T01	Putative receptor-type protein kinase LRK1
augustus-2-processed-gene-115.18-mRNA-1	Japonica	Indica	Kinase-TM	Os02g0298200	OsR498G0203485500.01.T01	Putative receptor-type protein kinase LRK1

augustus-2-processed-gene-115.36-mRNA-1	Japonica	Indica		Os02g0297200	OsR498G0203489200.01.T01	DUF4220 domain-containing protein (Fragment)
augustus-2-processed-gene-117.13-mRNA-1	Japonica	Japonica		Os02g0302400	OsR498G0203521400.01.T03	Nicotianamine aminotransferase A
augustus-2-processed-gene-118.30-mRNA-1	Japonica	NA		Os02g0303500	OsR498G0203504400.01.T01	glycine-rich cell wall structural protein-like
augustus-2-processed-gene-119.16-mRNA-1	Japonica	NA		Os02g0304800	OsR498G0203508300.01.T04	Pentatricopeptide repeat-containing protein
augustus-2-processed-gene-121.20-mRNA-1	Japonica	Indica		Os02g0308400	OsR498G0203527800.01.T01	FAS1 domain-containing protein (Fragment)
augustus-2-processed-gene-121.21-mRNA-1	Japonica	NA			OsR498G0203529000.01.T01	Speckle-type POZ protein B
augustus-2-processed-gene-121.7-mRNA-1	Japonica	NA		Os02g0307900		Chromatin remodeling protein EBS
augustus-2-processed-gene-121.9-mRNA-1	Japonica	NA		Os02g0308400	OsR498G0203527200.01.T01	Fasciclin-like arabinogalactan protein 6
augustus-2-processed-gene-124.18-mRNA-1	Japonica	NA			OsR498G0203542800.01.T01	putative glycine-rich cell wall structural protein 1
augustus-2-processed-gene-124.9-mRNA-1	Japonica	NA		Os02g0314100	OsR498G0203543900.01.T09	Vacuolar cation/proton exchanger
augustus-2-processed-gene-125.1-mRNA-1	Japonica	NA		Os02g0315400	OsR498G0203547100.01.T01	Oligosaccharyltransferase complex subunit ostc-A
augustus-2-processed-gene-126.12-mRNA-1	Japonica	NA			OsR498G0203555300.01.T01	
augustus-2-processed-gene-126.2-mRNA-1	Japonica	NA		Os02g0317200	OsR498G0203551700.01.T01	DUF295 domain-containing protein
augustus-2-processed-gene-126.23-mRNA-1	Japonica	NA		Os02g0318200	OsR498G0203556600.01.T01	DUF295 domain-containing protein
augustus-2-processed-gene-126.24-mRNA-1	Japonica	NA			OsR498G0203557200.01.T01	
augustus-2-processed-gene-126.25-mRNA-1	Japonica	NA		Os02g0318400	OsR498G0203558200.01.T01	F-box domain-containing protein
augustus-2-processed-gene-126.8-mRNA-1	Japonica	NA		Os02g0317300	OsR498G0203552200.01.T01	Putative F-box/LRR-repeat protein 23
augustus-2-processed-gene-128.15-mRNA-1	Japonica	NA		Os02g0321600	OsR498G0203567500.01.T01	CRAL-TRIO domain-containing protein
augustus-2-processed-gene-130.24-mRNA-1	Japonica	NA				
augustus-2-processed-gene-130.25-mRNA-1	Japonica	NA			OsR498G1018240500.01.T04	
augustus-2-processed-gene-130.30-mRNA-1	Japonica	NA		Os02g0324400	OsR498G0203578500.01.T01	Inactive protein FON2 SPARE1
augustus-2-processed-gene-130.43-mRNA-1	Japonica	Japonica		Os02g0324500	OsR498G0203579600.01.T01	40S ribosomal protein S7
augustus-2-processed-gene-132.17-mRNA-1	Japonica	NA		Os02g0327500	OsR498G0203595100.01.T01	Core-2/l-branching beta-1,6-N-acetylglucosaminyltransferase family protein
augustus-2-processed-gene-134.23-mRNA-1	Japonica	NA			OsR498G0203612200.01.T01	
augustus-2-processed-gene-136.12-mRNA-1	Japonica	Indica		Os02g0332700	OsR498G0714227900.01.T02	
augustus-2-processed-gene-141.15-mRNA-1	Japonica	NA				
augustus-2-processed-gene-141.18-mRNA-1	Japonica	NA			OsR498G0203639100.01.T01	
augustus-2-processed-gene-142.27-mRNA-1	Japonica	NA			OsR498G1018048100.01.T01	ATP-dependent DNA helicase
augustus-2-processed-gene-143.19-mRNA-1	Japonica	NA		Os02g0439700	OsR498G0203652100.01.T01	Translation initiation factor
augustus-2-processed-gene-143.24-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-2-processed-gene-146.33-mRNA-1	Japonica	Japonica		Os02g0701833	OsR498G1018968000.01.T01	ATP-dependent DNA helicase
augustus-2-processed-gene-146.9-mRNA-1	Japonica	NA		Os12g0114500	OsR498G1220846600.01.T01	Non-specific lipid-transfer protein (Fragment)
augustus-2-processed-gene-147.12-mRNA-1	Japonica	NA		Os02g0448000	OsR498G0203675100.01.T01	AT-hook motif nuclear-localized protein 22
augustus-2-processed-gene-147.2-mRNA-1	Japonica	NA				Retrotransposon protein, putative, unclassified
augustus-2-processed-gene-148.16-mRNA-1	Japonica	NA		Os04g0574150		Exostosin domain-containing protein
augustus-2-processed-gene-149.12-mRNA-1	Japonica	NA		Os02g0450000	OsR498G0203686900.01.T01	DUF659 domain-containing protein
augustus-2-processed-gene-151.19-mRNA-1	Japonica	NA			OsR498G0305137000.01.T01	
augustus-2-processed-gene-151.22-mRNA-1	Japonica	NA			OsR498G1221513100.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-2-processed-gene-152.24-mRNA-1	Japonica	NA		Os02g0452700		
augustus-2-processed-gene-152.26-mRNA-1	Japonica	NA			OsR498G0203710000.01.T06	
augustus-2-processed-gene-153.1-mRNA-1	Japonica	NA		Os02g0454500	OsR498G0203714300.01.T01	Putative long-chain-alcohol O-fatty-acyltransferase 4
augustus-2-processed-gene-153.20-mRNA-1	Japonica	NA		Os02g0455400	OsR498G0203719700.01.T01	
augustus-2-processed-gene-154.0-mRNA-1	Japonica	NA		Os02g0455800	OsR498G0203720900.01.T01	TF-B3 domain-containing protein
augustus-2-processed-gene-154.1-mRNA-1	Japonica	NA			OsR498G0203721700.01.T01	TF-B3 domain-containing protein
augustus-2-processed-gene-154.19-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os02g0456800	OsR498G0203724300.01.T01	Putative NB-ARC domain-containing protein (Fragment)
augustus-2-processed-gene-155.18-mRNA-1	Japonica	Japonica		Os02g0458900	OsR498G0613026600.01.T01	GDSL esterase/lipase
augustus-2-processed-gene-155.27-mRNA-1	Japonica	NA				
augustus-2-processed-gene-156.10-mRNA-1	Japonica	NA	Kinase-TM	Os02g0459600	OsR498G0203737300.01.T03	Non-specific serine/threonine protein kinase
augustus-2-processed-gene-156.30-mRNA-1	Japonica	NA			OsR498G0203737600.01.T01	Putative Glutamate receptor 2 plant
augustus-2-processed-gene-156.32-mRNA-1	Japonica	NA		Os02g0460200	OsR498G0203738600.01.T01	Flowering-promoting factor 1
augustus-2-processed-gene-157.13-mRNA-1	Japonica	NA		Os02g0461200		Glucan endo-1,3-beta-D-glucosidase
augustus-2-processed-gene-157.18-mRNA-1	Japonica	NA		Os02g0461500	OsR498G0203744600.01.T01	FAS1 domain-containing protein (Fragment)
augustus-2-processed-gene-157.23-mRNA-1	Japonica	NA				
augustus-2-processed-gene-157.35-mRNA-1	Japonica	NA		Os02g0462200	OsR498G0203746200.01.T01	
augustus-2-processed-gene-161.48-mRNA-1	Japonica	NA		Os02g0469900	OsR498G0203776900.01.T02	High mobility group B protein 15
augustus-2-processed-gene-161.55-mRNA-1	Japonica	Indica		Os02g0470000	OsR498G0203777200.01.T01	Pentatricopeptide repeat-containing protein
augustus-2-processed-gene-164.28-mRNA-1	Japonica	NA		Os10g0489650		
augustus-2-processed-gene-164.41-mRNA-1	Japonica	NA			OsR498G0203790200.01.T01	BHLH domain-containing protein
augustus-2-processed-gene-165.15-mRNA-1	Japonica	NA			OsR498G0203796800.01.T01	
augustus-2-processed-gene-166.8-mRNA-1	Japonica	Japonica		Os02g0477401	OsR498G0816166700.01.T02	Exostosin domain-containing protein (Fragment)
augustus-2-processed-gene-174.15-mRNA-1	Japonica	NA		Os02g0491300	OsR498G0203846900.01.T01	Fasciclin-like arabinogalactan protein 21

augustus-2-processed-gene-174.17-mRNA-1	Japonica	NA		Os02g0491800	OsR498G0203848300.01.T01	
augustus-2-processed-gene-175.0-mRNA-1	Japonica	NA		Os06g0342750	OsR498G1221118000.01.T01	Putative transcription factor
augustus-2-processed-gene-175.11-mRNA-1	Japonica	NA		Os02g0492500		DUF1618 domain-containing protein (Fragment)
augustus-2-processed-gene-176.40-mRNA-1	Japonica	NA		Os05g0225100	OsR498G0510061500.01.T01	DUF295 domain-containing protein
augustus-2-processed-gene-178.20-mRNA-1	Japonica	NA			OsR498G0203863300.01.T01	Transcriptional activator DEMETER
augustus-2-processed-gene-179.17-mRNA-1	Japonica	NA				Aldehyde oxygenase (deformylating)
augustus-2-processed-gene-180.12-mRNA-1	Japonica	NA		Os02g0502500	OsR498G0203880700.01.T01	Calcium and calcium/calmodulin-dependent serine/threonine-protein kinase
augustus-2-processed-gene-184.15-mRNA-1	Japonica	Japonica		Os02g0506600	OsR498G0203894500.01.T02	Chaperone protein dnaJ-related
augustus-2-processed-gene-184.17-mRNA-1	Japonica	NA			OsR498G0203898100.01.T01	Protein indeterminate-domain 16
augustus-2-processed-gene-185.18-mRNA-1	Japonica	NA		Os02g0507600	OsR498G0203900100.01.T01	Argininosuccinate synthase (Fragment)
augustus-2-processed-gene-185.21-mRNA-1	Japonica	NA			OsR498G0203900500.01.T01	
augustus-2-processed-gene-185.55-mRNA-1	Japonica	Indica		Os02g0212975	OsR498G1019116500.01.T01	
augustus-2-processed-gene-192.23-mRNA-1	Japonica	NA		Os02g0518000	OsR498G0203939200.01.T01	
augustus-2-processed-gene-194.41-mRNA-1	Japonica	NA		Os02g0521800		
augustus-2-processed-gene-196.24-mRNA-1	Japonica	NA		Os02g0524500		Inhibitor of apoptosis-like protein
augustus-2-processed-gene-2.18-mRNA-1	Japonica	Indica		Os10g0536100	OsR498G0202808500.01.T03	MADS box transcription factor 5
augustus-2-processed-gene-2.4-mRNA-1	Japonica	Indica		Os02g0103500	OsR498G0202807000.01.T01	Auxin-induced protein 5NG4
augustus-2-processed-gene-20.27-mRNA-1	Japonica	NA	LRR-TM	Os02g0138000	OsR498G0202928200.01.T01	Leucine-rich repeat extensin-like protein 1
augustus-2-processed-gene-21.0-mRNA-1	Japonica	NA		Os02g0138600	OsR498G0202932100.01.T01	
augustus-2-processed-gene-21.8-mRNA-1	Japonica	NA		Os02g0139100	OsR498G0202933600.01.T01	Chaperone binding ATPase activator
augustus-2-processed-gene-21.9-mRNA-1	Japonica	NA		Os02g0139200	OsR498G0202933800.01.T02	Protein arginine N-methyltransferase
augustus-2-processed-gene-210.25-mRNA-1	Japonica	NA		Os02g0548700	OsR498G0204080800.01.T01	RING-type E3 ubiquitin transferase
augustus-2-processed-gene-212.41-mRNA-1	Japonica	NA		Os02g0551600	OsR498G0204094500.01.T01	
augustus-2-processed-gene-213.14-mRNA-1	Japonica	NA			OsR498G0204103100.01.T05	Histone-lysine N-methyltransferase ASHH2
augustus-2-processed-gene-213.25-mRNA-1	Japonica	Indica		Os02g0554300	OsR498G0204104000.01.T02	SAC domain-containing protein
augustus-2-processed-gene-213.6-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os01g0296000	OsR498G0204100400.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
augustus-2-processed-gene-214.15-mRNA-1	Japonica	NA		Os02g0555100		Pentatricopeptide repeat-containing protein
augustus-2-processed-gene-214.3-mRNA-1	Japonica	NA		Os02g0554800	OsR498G0204106300.01.T01	
augustus-2-processed-gene-215.16-mRNA-1	Japonica	Indica		Os02g0557000	OsR498G0204111500.01.T01	Tubulin-folding cofactor C
augustus-2-processed-gene-216.37-mRNA-1	Japonica	Indica		Os04g0549700	OsR498G0204118400.01.T01	Ethylene-responsive transcription factor ERF021
augustus-2-processed-gene-217.25-mRNA-1	Japonica	NA		Os02g0559800	OsR498G0204121600.01.T01	E3 ubiquitin-protein ligase EL5
augustus-2-processed-gene-217.31-mRNA-1	Japonica	NA		Os02g0562100	OsR498G0204123300.01.T02	DNA repair protein XRCC
augustus-2-processed-gene-217.37-mRNA-1	Japonica	NA			OsR498G0305104500.01.T01	
augustus-2-processed-gene-217.51-mRNA-1	Japonica	NA		Os02g0563301	OsR498G0204127000.01.T01	
augustus-2-processed-gene-218.50-mRNA-1	Japonica	NA		Os02g0564300		Copper ion transmembrane transporters
augustus-2-processed-gene-218.52-mRNA-1	Japonica	NA			OsR498G0204131200.01.T01	Transcription factor bHLH82
augustus-2-processed-gene-218.55-mRNA-1	Japonica	NA		Os02g0565000	OsR498G0204131600.01.T01	Trihelix transcription factor
augustus-2-processed-gene-218.57-mRNA-1	Japonica	NA		Os02g0565150		
augustus-2-processed-gene-218.61-mRNA-1	Japonica	NA	Kinase-TM	Os02g0565500	OsR498G0204133200.01.T01	Tyrosine-protein kinase
augustus-2-processed-gene-22.0-mRNA-1	Japonica	NA		Os02g0140300	OsR498G0202938500.01.T01	Molybdopterin synthase catalytic subunit
augustus-2-processed-gene-22.18-mRNA-1	Japonica	Japonica		Os02g0141400	OsR498G0202944000.01.T01	Arginyl-tRNA synthetase
augustus-2-processed-gene-22.6-mRNA-1	Japonica	NA		Os02g0140800	OsR498G0202940300.01.T01	Mitochondrial transcription termination factor family protein
augustus-2-processed-gene-220.14-mRNA-1	Japonica	NA		Os02g0569000	OsR498G0204143300.01.T01	Oryzaalexin E synthase
augustus-2-processed-gene-221.21-mRNA-1	Japonica	NA		Os02g0569900	OsR498G0204146300.01.T01	Oryzaalexin D synthase
augustus-2-processed-gene-221.8-mRNA-1	Japonica	NA		Os02g0569400	OsR498G0204145300.01.T01	Oryzaalexin D synthase
augustus-2-processed-gene-223.24-mRNA-1	Japonica	NA		Os02g0571900	OsR498G0204154400.01.T01	Oryzaalexin E synthase
augustus-2-processed-gene-223.38-mRNA-1	Japonica	Indica		Os02g0572350	OsR498G0204155600.01.T01	RING-H2 finger protein ATL51
augustus-2-processed-gene-224.14-mRNA-1	Japonica	NA			OsR498G0204164700.01.T01	Putative ETHYLENE INSENSITIVE 3-like 4 protein isoform X1
augustus-2-processed-gene-224.15-mRNA-1	Japonica	NA		Os02g0574900	OsR498G0204164900.01.T01	F-box/kelch-repeat protein Atlg22040
augustus-2-processed-gene-224.24-mRNA-1	Japonica	NA			OsR498G0204164600.01.T01	
augustus-2-processed-gene-225.20-mRNA-1	Japonica	NA		Os02g0575700	OsR498G0204166900.01.T01	Putative WRKY transcription factor 19
augustus-2-processed-gene-225.22-mRNA-1	Japonica	NA		Os02g0575900	OsR498G0204167700.01.T01	
augustus-2-processed-gene-225.26-mRNA-1	Japonica	NA				
augustus-2-processed-gene-225.36-mRNA-1	Japonica	NA		Os10g0531750	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-2-processed-gene-227.26-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-2-processed-gene-227.49-mRNA-1	Japonica	Japonica		Os02g0580500	OsR498G0408710600.01.T03	Prohibitin
augustus-2-processed-gene-229.20-mRNA-1	Japonica	NA		Os11g0519100		
augustus-2-processed-gene-229.23-mRNA-1	Japonica	NA		Os02g0582800	OsR498G0204189200.01.T01	
augustus-2-processed-gene-229.26-mRNA-1	Japonica	NA		Os02g0583400		
augustus-2-processed-gene-229.38-mRNA-1	Japonica	NA		Os03g0204201	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-2-processed-gene-229.53-mRNA-1	Japonica	NA		Os02g0585200	OsR498G0204193200.01.T01	HMA domain-containing protein

augustus-2-processed-gene-23.24-mRNA-1	Japonica	Indica		Os02g0144800	OsR498G0202945800.01.T01	
augustus-2-processed-gene-230.0-mRNA-1	Japonica	NA		Os02g0586400	OsR498G0204196300.01.T01	Ras-related protein Rab-2-B
augustus-2-processed-gene-235.0-mRNA-1	Japonica	NA		Os02g0595200		
augustus-2-processed-gene-235.10-mRNA-1	Japonica	NA		Os02g0595700	OsR498G0204234900.01.T01	Elongation factor Tu
augustus-2-processed-gene-235.12-mRNA-1	Japonica	NA		Os02g0596200	OsR498G0204236900.01.T01	Mannan endo-1,4-beta-mannosidase
augustus-2-processed-gene-235.13-mRNA-1	Japonica	Indica		Os02g0596200	OsR498G0204236900.01.T01	Mannan endo-1,4-beta-mannosidase
augustus-2-processed-gene-235.4-mRNA-1	Japonica	NA		Os02g0595400	OsR498G0204234200.01.T01	Coiled-coil domain-containing protein 86
augustus-2-processed-gene-238.18-mRNA-1	Japonica	NA		Os02g0604100	OsR498G0204259500.01.T01	
augustus-2-processed-gene-238.2-mRNA-1	Japonica	NA			OsR498G0204253500.01.T01	Transcription termination factor like
augustus-2-processed-gene-238.26-mRNA-1	Japonica	NA	Kinase-TM	Os02g0603000	OsR498G0204255800.01.T01	Serine/threonine-protein kinase OX11
augustus-2-processed-gene-238.27-mRNA-1	Japonica	NA	LRR-TM	Os02g0603100	OsR498G0204256200.01.T01	Leucine-rich repeat receptor-like protein CLAVATA2
augustus-2-processed-gene-238.28-mRNA-1	Japonica	NA			OsR498G0203722500.01.T01	Cytokinin inducible protein-like
augustus-2-processed-gene-238.31-mRNA-1	Japonica	Japonica		Os02g0604000	OsR498G0204259400.01.T01	SGNH hydrolase-type esterase superfamily protein, putative
augustus-2-processed-gene-238.9-mRNA-1	Japonica	Indica		Os02g0602500	OsR498G0204253800.01.T01	Pre-mRNA-splicing factor ISY1
augustus-2-processed-gene-239.45-mRNA-1	Japonica	NA			OsR498G0204263100.01.T01	Protein-serine/threonine phosphatase
augustus-2-processed-gene-239.59-mRNA-1	Japonica	Japonica		Os02g0605000	OsR498G0204264300.01.T01	Cyclin N-terminal domain-containing protein (Fragment)
augustus-2-processed-gene-239.61-mRNA-1	Japonica	Japonica		Os02g0605400	OsR498G0204265100.01.T04	VAS1 domain-containing protein
augustus-2-processed-gene-240.35-mRNA-1	Japonica	Indica		Os02g0606900	OsR498G0204270600.01.T03	Protein-serine/threonine phosphatase
augustus-2-processed-gene-240.36-mRNA-1	Japonica	NA		Os02g0605000	OsR498G0204270800.01.T01	Cyclin N-terminal domain-containing protein (Fragment)
augustus-2-processed-gene-241.31-mRNA-1	Japonica	Indica		Os02g0608600	OsR498G0204275900.01.T01	Acetohydroxy-acid synthase small subunit
augustus-2-processed-gene-241.38-mRNA-1	Japonica	NA		Os02g0608801	OsR498G0204276600.01.T01	Acetylmalan esterase-like
augustus-2-processed-gene-241.48-mRNA-1	Japonica	NA	LRR-TM	Os02g0609900		Receptor-like protein kinase
augustus-2-processed-gene-242.0-mRNA-1	Japonica	NA	LRR-TM		OsR498G0204282100.01.T01	Protein kinase domain-containing protein (Fragment)
augustus-2-processed-gene-243.34-mRNA-1	Japonica	NA			OsR498G0204288300.01.T01	GrpE protein homolog
augustus-2-processed-gene-243.41-mRNA-1	Japonica	NA		Os02g0612200		RRM domain-containing protein
augustus-2-processed-gene-244.8-mRNA-1	Japonica	Indica		Os02g0613900	OsR498G0204296100.01.T03	Adenine phosphoribosyltransferase
augustus-2-processed-gene-254.39-mRNA-1	Japonica	NA		Os02g0620500	OsR498G0204334300.01.T01	Ammonium transporter
augustus-2-processed-gene-254.41-mRNA-1	Japonica	NA		Os02g0620600	OsR498G0204334900.01.T01	Ammonium transporter
augustus-2-processed-gene-254.52-mRNA-1	Japonica	NA			OsR498G0204332400.01.T01	
augustus-2-processed-gene-254.53-mRNA-1	Japonica	NA		Os02g0620800	OsR498G0204335200.01.T04	Pentatricopeptide repeat-containing protein
augustus-2-processed-gene-255.5-mRNA-1	Japonica	Indica		Os02g0621800	OsR498G0204338000.01.T02	Long-chain-alcohol oxidase
augustus-2-processed-gene-256.29-mRNA-1	Japonica	Indica		Os10g0460000	OsR498G0204348500.01.T01	
augustus-2-processed-gene-256.35-mRNA-1	Japonica	Japonica		Os02g0625100	OsR498G0204350100.01.T01	Pentatricopeptide repeat-containing protein, chloroplastic
augustus-2-processed-gene-257.1-mRNA-1	Japonica	Japonica	CC-Kinase-TM	Os02g0625300	OsR498G0204350900.01.T01	Phosphoenolpyruvate carboxylase kinase
augustus-2-processed-gene-257.31-mRNA-1	Japonica	Japonica		Os02g0626600	OsR498G0204355400.01.T01	Phenylalanine ammonia-lyase
augustus-2-processed-gene-258.32-mRNA-1	Japonica	NA			OsR498G0204357400.01.T01	
augustus-2-processed-gene-259.0-mRNA-1	Japonica	NA				UDP-glucuronic acid/UDP-N-acetylgalactosamine transporter
augustus-2-processed-gene-259.22-mRNA-1	Japonica	NA		Os02g0629000	OsR498G0204363000.01.T01	Senescence regulator
augustus-2-processed-gene-259.25-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os02g0629400	OsR498G0204364800.01.T01	Phytosulfokine receptor 1
augustus-2-processed-gene-259.26-mRNA-1	Japonica	NA		Os08g0114000	OsR498G0204365600.01.T01	T-complex protein 1 subunit eta
augustus-2-processed-gene-260.21-mRNA-1	Japonica	NA		Os02g0631100	OsR498G0204370100.01.T03	
augustus-2-processed-gene-262.64-mRNA-1	Japonica	NA		Os02g0634500	OsR498G0204382100.01.T04	ATP-dependent Clp protease proteolytic subunit
augustus-2-processed-gene-262.79-mRNA-1	Japonica	NA			OsR498G0204381000.01.T01	Putative protein phosphatase 2C 23
augustus-2-processed-gene-262.80-mRNA-1	Japonica	NA			OsR498G0204381600.01.T01	Putative protein phosphatase 2C 24
augustus-2-processed-gene-263.17-mRNA-1	Japonica	NA		Os02g0636300	OsR498G0204386000.01.T01	DEAD-box ATP-dependent RNA helicase
augustus-2-processed-gene-264.29-mRNA-1	Japonica	NA		Os02g0639800	OsR498G0204397200.01.T01	E3 ubiquitin-protein ligase RMA1
augustus-2-processed-gene-264.4-mRNA-1	Japonica	NA		Os02g0638300	OsR498G0204392200.01.T03	Ferredoxin-thioredoxin reductase, variable chain
augustus-2-processed-gene-264.6-mRNA-1	Japonica	NA		Os02g0638650	OsR498G0204392800.01.T01	Ethylene-responsive transcription factor ERF053
augustus-2-processed-gene-265.32-mRNA-1	Japonica	NA		Os02g0639900	OsR498G0204397600.01.T01	Chloroplast thioredoxin M-type 2
augustus-2-processed-gene-265.40-mRNA-1	Japonica	NA		Os02g0640700	OsR498G0204400100.01.T01	Plant UBX domain-containing protein 7
augustus-2-processed-gene-265.58-mRNA-1	Japonica	NA	Kinase-TM	Os02g0640500	OsR498G0204399600.01.T01	L-type lectin-domain containing receptor kinase IV.2
augustus-2-processed-gene-266.17-mRNA-1	Japonica	Japonica		Os02g0643800	OsR498G0204410500.01.T01	Auxin-responsive protein SAUR36
augustus-2-processed-gene-267.39-mRNA-1	Japonica	NA			OsR498G0204414300.01.T05	Pentatricopeptide repeat-containing protein mitochondrial
augustus-2-processed-gene-267.45-mRNA-1	Japonica	Indica		Os02g0644200	OsR498G0204412400.01.T01	Vacuolar iron transporter like
augustus-2-processed-gene-268.23-mRNA-1	Japonica	NA			OsR498G0204417500.01.T01	Nucleolin 2 (Fragment)
augustus-2-processed-gene-268.30-mRNA-1	Japonica	Indica		Os02g0646900	OsR498G0204419300.01.T01	Polyamine oxidase 1
augustus-2-processed-gene-268.32-mRNA-1	Japonica	Indica		Os01g0346700	OsR498G0204419500.01.T01	Ccr4-not complex subunit mot2
augustus-2-processed-gene-27.57-mRNA-1	Japonica	NA		Os02g0148600	OsR498G0202973900.01.T01	
augustus-2-processed-gene-271.53-mRNA-1	Japonica	NA				
augustus-2-processed-gene-272.16-mRNA-1	Japonica	NA		Os02g0655200	OsR498G0204444300.01.T01	Ethylene-responsive transcription factor 5
augustus-2-processed-gene-272.26-mRNA-1	Japonica	NA		Os02g0655300	OsR498G0204445200.01.T02	LeuD

augustus-2-processed-gene-272.8-mRNA-1	Japonica	NA		Os02g0654700	OsR498G0204443200.01.T01	Ethylene-responsive factor
augustus-2-processed-gene-273.34-mRNA-1	Japonica	NA		Os02g0656600	OsR498G0204448900.01.T01	Ethylene-responsive transcription factor TINY-like
augustus-2-processed-gene-273.35-mRNA-1	Japonica	NA		Os02g0657000	OsR498G0204450900.01.T01	Ethylene-responsive transcription factor ERF034
augustus-2-processed-gene-274.15-mRNA-1	Japonica	NA		Os02g0659100	OsR498G0204458500.01.T01	Zinc finger protein ZAT2
augustus-2-processed-gene-274.18-mRNA-1	Japonica	NA		Os02g0659500	OsR498G0204460300.01.T01	Zinc finger protein ZAT4
augustus-2-processed-gene-274.9-mRNA-1	Japonica	NA				Remorin, C-terminal
augustus-2-processed-gene-275.17-mRNA-1	Japonica	NA		Os02g0659600	OsR498G0204461300.01.T01	
augustus-2-processed-gene-275.45-mRNA-1	Japonica	NA		Os02g0661300	OsR498G0204465000.01.T03	DOG1 domain-containing protein (Fragment)
augustus-2-processed-gene-276.22-mRNA-1	Japonica	NA		Os02g0662000	OsR498G0204467700.01.T01	Proline-rich protein DC2.15
augustus-2-processed-gene-276.23-mRNA-1	Japonica	NA		Os02g0662100	OsR498G0204468300.01.T01	14 kDa polypeptide
augustus-2-processed-gene-276.30-mRNA-1	Japonica	Indica		Os02g0662700	OsR498G0204470900.01.T01	Scarecrow-like protein 6
augustus-2-processed-gene-276.32-mRNA-1	Japonica	NA		Os02g0663100	OsR498G0204471300.01.T01	GRAS transcription factor
augustus-2-processed-gene-277.46-mRNA-1	Japonica	NA			OsR498G0509838600.01.T01	HGWP repeat containing protein-like
augustus-2-processed-gene-277.48-mRNA-1	Japonica	NA			OsR498G0204474000.01.T01	C2 domain-containing protein
augustus-2-processed-gene-277.54-mRNA-1	Japonica	NA		Os02g0664000	OsR498G0204474300.01.T01	Glutathione peroxidase
augustus-2-processed-gene-278.30-mRNA-1	Japonica	NA		Os02g0665300	OsR498G0204477900.01.T01	Subtilisin-like serine protease
augustus-2-processed-gene-278.42-mRNA-1	Japonica	NA		Os02g0666700		Purine-cytosine permease
augustus-2-processed-gene-278.52-mRNA-1	Japonica	NA		Os02g0666500	OsR498G0204480600.01.T02	Cytochrome P450, E-class, group I
augustus-2-processed-gene-279.23-mRNA-1	Japonica	Japonica		Os02g0667701	OsR498G0204484100.01.T01	
augustus-2-processed-gene-279.35-mRNA-1	Japonica	NA		Os02g0668100	OsR498G0204485000.01.T02	Chloroplast geranyl diphosphate synthase small subunit II
augustus-2-processed-gene-279.40-mRNA-1	Japonica	NA		Os02g0668200		
augustus-2-processed-gene-279.44-mRNA-1	Japonica	Indica		Os04g0562500	OsR498G0204490700.01.T01	
augustus-2-processed-gene-279.45-mRNA-1	Japonica	NA			OsR498G0204490900.01.T01	
augustus-2-processed-gene-279.54-mRNA-1	Japonica	Indica		Os02g0111900	OsR498G0204487800.01.T01	DUF295 domain-containing protein
augustus-2-processed-gene-28.25-mRNA-1	Japonica	Indica		Os02g0149500	OsR498G0202976900.01.T01	Peptidase C32 domain-containing protein
augustus-2-processed-gene-28.33-mRNA-1	Japonica	Indica		Os02g0149700	OsR498G0202977600.01.T03	Exocyst subunit Exo70 family protein (Fragment)
augustus-2-processed-gene-28.42-mRNA-1	Japonica	NA	Kinase-LRR-NBS			Disease resistance protein RGA2
augustus-2-processed-gene-28.53-mRNA-1	Japonica	NA		Os02g0150000	OsR498G0202979600.01.T01	
augustus-2-processed-gene-280.27-mRNA-1	Japonica	NA		Os02g0670900	OsR498G0204494100.01.T03	Lysine histidine transporter-like 3
augustus-2-processed-gene-280.39-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus-2-processed-gene-281.52-mRNA-1	Japonica	NA		Os02g0672500	OsR498G0204501000.01.T01	Mitochondrial inner membrane translocase subunit
augustus-2-processed-gene-282.9-mRNA-1	Japonica	Indica		Os02g0673700	OsR498G0204506800.01.T01	Dof zinc finger protein 2
augustus-2-processed-gene-283.14-mRNA-1	Japonica	Japonica		Os02g0676400	OsR498G0204516700.01.T01	Protein DETOXIFICATION
augustus-2-processed-gene-283.6-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus-2-processed-gene-284.1-mRNA-1	Japonica	NA		Os02g0676800	OsR498G0204519700.01.T01	Ethylene-responsive transcription factor ERF025
augustus-2-processed-gene-284.11-mRNA-1	Japonica	NA		Os02g0677300	OsR498G0204522100.01.T01	C-repeats binding factor 4
augustus-2-processed-gene-285.12-mRNA-1	Japonica	NA		Os02g0679700	OsR498G0204528100.01.T01	Transcription repressor
augustus-2-processed-gene-285.30-mRNA-1	Japonica	Indica		Os02g0559800	OsR498G0204527400.01.T01	E3 ubiquitin-protein ligase EL5
augustus-2-processed-gene-285.31-mRNA-1	Japonica	NA				Transposon protein CACTA, En/Spm sub-class
augustus-2-processed-gene-286.35-mRNA-1	Japonica	NA		Os02g0681632	OsR498G0204533500.01.T01	Serine/threonine receptor-like kinase NFP
augustus-2-processed-gene-286.46-mRNA-1	Japonica	NA		Os02g0681900	OsR498G0204535200.01.T01	GRAS domain-containing protein (Fragment)
augustus-2-processed-gene-287.15-mRNA-1	Japonica	NA		Os02g0684000	OsR498G0204544300.01.T02	Protein SLOW GREEN 1, chloroplastic
augustus-2-processed-gene-287.23-mRNA-1	Japonica	NA		Os02g0683500	OsR498G0204540600.01.T02	ABI3VP1 transcription factor
augustus-2-processed-gene-287.24-mRNA-1	Japonica	NA		Os02g0684100		Sulfotransferase
augustus-2-processed-gene-287.25-mRNA-1	Japonica	NA			OsR498G0204544800.01.T01	tRNA-splicing endonuclease positive effector-like
augustus-2-processed-gene-287.4-mRNA-1	Japonica	NA		Os02g0682500	OsR498G0204537800.01.T02	Transparent testa
augustus-2-processed-gene-288.25-mRNA-1	Japonica	NA		Os02g0684500	OsR498G0204546200.01.T01	Multifunctional fusion protein
augustus-2-processed-gene-288.49-mRNA-1	Japonica	NA		Os02g0686100	OsR498G0204552000.01.T01	RING-H2 finger protein ATL1R
augustus-2-processed-gene-289.33-mRNA-1	Japonica	NA			OsR498G0204553600.01.T01	
augustus-2-processed-gene-290.24-mRNA-1	Japonica	NA		Os02g0688200		PMEL domain-containing protein (Fragment)
augustus-2-processed-gene-290.34-mRNA-1	Japonica	NA				
augustus-2-processed-gene-290.41-mRNA-1	Japonica	NA		Os02g0688800	OsR498G0204564700.01.T01	E3 ubiquitin-protein ligase ATL4
augustus-2-processed-gene-290.53-mRNA-1	Japonica	NA				AAA domain-containing protein
augustus-2-processed-gene-290.58-mRNA-1	Japonica	NA		Os02g0689500	OsR498G0204567600.01.T02	
augustus-2-processed-gene-291.32-mRNA-1	Japonica	NA		Os02g0690200	OsR498G0204571100.01.T02	Proton-dependent oligopeptide transport family protein
augustus-2-processed-gene-291.33-mRNA-1	Japonica	NA		Os02g0690500	OsR498G0204571900.01.T01	PPM-type phosphatase domain-containing protein (Fragment)
augustus-2-processed-gene-291.34-mRNA-1	Japonica	NA		Os02g0690600	OsR498G0204572100.01.T01	RING-type E3 ubiquitin transferase
augustus-2-processed-gene-292.16-mRNA-1	Japonica	NA		Os02g0693000		
augustus-2-processed-gene-292.9-mRNA-1	Japonica	NA		Os02g0692000	OsR498G0204575600.01.T01	Putative RING-H2 finger protein ATL53
augustus-2-processed-gene-293.65-mRNA-1	Japonica	Japonica		Os02g0695700	OsR498G0409312500.01.T01	DNA repair protein like
augustus-2-processed-gene-295.63-mRNA-1	Japonica	NA		Os02g0699600	OsR498G0204598300.01.T02	60S ribosomal protein L12

augustus-2-processed-gene-296.27-mRNA-1	Japonica	NA		Os02g0700500	OsR498G0204600800.01.T01	Polyamine transporter
augustus-2-processed-gene-297.11-mRNA-1	Japonica	NA			OsR498G1018968000.01.T01	ATP-dependent DNA helicase
augustus-2-processed-gene-297.12-mRNA-1	Japonica	NA		Os02g0702100		Transcription factor
augustus-2-processed-gene-297.26-mRNA-1	Japonica	NA		Os02g0703300	OsR498G0204609700.01.T01	
augustus-2-processed-gene-298.32-mRNA-1	Japonica	NA				Ribosomal protein (Fragment)
augustus-2-processed-gene-298.33-mRNA-1	Japonica	NA		Os02g0703800	OsR498G0204612000.01.T01	DUF295 domain-containing protein
augustus-2-processed-gene-298.47-mRNA-1	Japonica	Japonica		Os02g0704000	OsR498G1221463200.01.T01	Carotenoid cleavage dioxygenase
augustus-2-processed-gene-3.48-mRNA-1	Japonica	NA		Os02g0105200	OsR498G0202813500.01.T05	Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase
augustus-2-processed-gene-3.67-mRNA-1	Japonica	NA		Os02g0105800	OsR498G0202815200.01.T04	FBD domain-containing protein
augustus-2-processed-gene-3.71-mRNA-1	Japonica	NA		Os02g0106300	OsR498G0202817800.01.T05	Putative tetratricopeptide-like helical domain, DYW domain-containing protein
augustus-2-processed-gene-300.0-mRNA-1	Japonica	NA		Os02g0706400	OsR498G0204619500.01.T03	Transcription factor RADIALIS
augustus-2-processed-gene-300.10-mRNA-1	Japonica	NA		Os02g0708000		BED-type domain-containing protein
augustus-2-processed-gene-300.6-mRNA-1	Japonica	NA		Os02g0706600	OsR498G0204620600.01.T04	Zinc-finger homeodomain protein 7
augustus-2-processed-gene-300.9-mRNA-1	Japonica	NA			OsR498G0204624500.01.T01	
augustus-2-processed-gene-301.16-mRNA-1	Japonica	NA		Os02g0709300	OsR498G0204629800.01.T01	Histidinol-phosphate aminotransferase, chloroplastic
augustus-2-processed-gene-302.24-mRNA-1	Japonica	NA		Os02g0711100		Pentatricopeptide repeat-containing protein, mitochondrial
augustus-2-processed-gene-303.37-mRNA-1	Japonica	NA		Os05g0346800	OsR498G0102644000.01.T01	LOB domain-containing protein 12
augustus-2-processed-gene-303.38-mRNA-1	Japonica	NA			OsR498G0204642900.01.T01	Cytochrome b561/ferric reductase transmembrane
augustus-2-processed-gene-304.10-mRNA-1	Japonica	NA				Trafficking protein particle complex subunit 11
augustus-2-processed-gene-305.27-mRNA-1	Japonica	NA		Os02g0717200	OsR498G0204654900.01.T03	Rho GTPase-activating gacO-like protein
augustus-2-processed-gene-306.38-mRNA-1	Japonica	NA		Os02g0717700	OsR498G0204657300.01.T02	Glucosamine 6-phosphate N-acetyltransferase
augustus-2-processed-gene-306.39-mRNA-1	Japonica	NA		Os02g0718000		LIM domain-containing serine/threonine-protein kinase
augustus-2-processed-gene-306.62-mRNA-1	Japonica	NA		Os02g0719800	OsR498G0204662500.01.T03	Homogentisate 1,2-dioxygenase
augustus-2-processed-gene-307.43-mRNA-1	Japonica	NA		Os02g0720400	OsR498G0204663700.01.T01	
augustus-2-processed-gene-307.53-mRNA-1	Japonica	NA		Os02g0789700	OsR498G1120753400.01.T01	
augustus-2-processed-gene-308.12-mRNA-1	Japonica	Japonica		Os02g0723200	OsR498G1120322800.01.T01	Galactomannan galactosyltransferase
augustus-2-processed-gene-309.50-mRNA-1	Japonica	Japonica		Os02g0724100	OsR498G0204681800.01.T01	Myb-like transcription factor-like
augustus-2-processed-gene-309.58-mRNA-1	Japonica	NA		Os02g0725200	OsR498G0204683700.01.T02	Ribulose-1,5 bisphosphate carboxylase/oxygenase large subunit N-methyltransferase
augustus-2-processed-gene-31.36-mRNA-1	Japonica	NA	LRR-TM	Os02g0156400	OsR498G0202998000.01.T01	Putative Phytosulfokine receptor
augustus-2-processed-gene-310.3-mRNA-1	Japonica	NA		Os02g0726000	OsR498G0204687000.01.T01	Fasciclin-like arabinogalactan protein 2
augustus-2-processed-gene-310.4-mRNA-1	Japonica	NA		Os02g0726300	OsR498G0204687800.01.T01	Dof zinc finger protein like
augustus-2-processed-gene-311.20-mRNA-1	Japonica	Indica		Os06g0271600	OsR498G0204702700.01.T01	E3 ubiquitin-protein ligase ATL15
augustus-2-processed-gene-311.21-mRNA-1	Japonica	NA		Os02g0729900	OsR498G0204702900.01.T01	RING-H2 finger protein ATL1M
augustus-2-processed-gene-311.8-mRNA-1	Japonica	Indica		Os03g0351300	OsR498G0204693600.01.T01	Beta-amylase
augustus-2-processed-gene-312.0-mRNA-1	Japonica	NA		Os02g0730300	OsR498G0204704700.01.T04	Potassium transporter
augustus-2-processed-gene-312.18-mRNA-1	Japonica	NA		Os02g0731900	OsR498G0204710500.01.T01	Very-long-chain 3-oxoacyl-CoA synthase
augustus-2-processed-gene-312.26-mRNA-1	Japonica	NA		Os02g0730900		Pentatricopeptide repeat-containing protein chloroplastic
augustus-2-processed-gene-313.10-mRNA-1	Japonica	NA		Os02g0732500	OsR498G0204713000.01.T03	ADP-ribosylation factor-like protein 8c isoform A
augustus-2-processed-gene-313.26-mRNA-1	Japonica	NA		Os02g0733500	OsR498G0204717000.01.T02	Probable calcium-binding protein CML20
augustus-2-processed-gene-314.13-mRNA-1	Japonica	Indica		Os02g0734900	OsR498G0204722100.01.T01	Endoplasmic reticulum transmembrane protein (Fragment)
augustus-2-processed-gene-314.16-mRNA-1	Japonica	Indica		Os03g0589100	OsR498G0204724500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-2-processed-gene-316.47-mRNA-1	Japonica	NA		Os02g0739400	OsR498G0204738600.01.T01	Hexosyltransferase
augustus-2-processed-gene-317.49-mRNA-1	Japonica	NA		Os02g0740700	OsR498G0204744400.01.T01	Metalloendoproteinase 2-MMP
augustus-2-processed-gene-318.5-mRNA-1	Japonica	Indica		Os02g0742000	OsR498G0204748700.01.T01	BAH and coiled-coil domain-containing protein 1
augustus-2-processed-gene-319.0-mRNA-1	Japonica	NA		Os02g0742700	OsR498G0204750500.01.T01	protein RICE SALT SENSITIVE 3
augustus-2-processed-gene-319.4-mRNA-1	Japonica	NA			OsR498G0204752800.01.T01	Retrotransposon protein, putative, unclassified
augustus-2-processed-gene-319.8-mRNA-1	Japonica	Japonica		Os02g0743100	OsR498G0204753500.01.T01	RING-H2 finger protein ATL5I
augustus-2-processed-gene-320.59-mRNA-1	Japonica	NA			OsR498G0204765500.01.T01	
augustus-2-processed-gene-321.24-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-2-processed-gene-335.26-mRNA-1	Japonica	NA			OsR498G0613106300.01.T01	
augustus-2-processed-gene-337.13-mRNA-1	Japonica	Indica		Os01g0740700	OsR498G0204773100.01.T01	Phytoeyanin domain-containing protein
augustus-2-processed-gene-337.2-mRNA-1	Japonica	NA		Os02g0747400	OsR498G0204771300.01.T01	Transcription factor TCP subgroup
augustus-2-processed-gene-337.29-mRNA-1	Japonica	NA			OsR498G0204776600.01.T02	F-box/kelch-repeat protein SKIP11
augustus-2-processed-gene-337.30-mRNA-1	Japonica	NA		Os02g0748800		Glutaredoxin domain-containing protein (Fragment)
augustus-2-processed-gene-338.1-mRNA-1	Japonica	NA			OsR498G0204779900.01.T01	
augustus-2-processed-gene-338.10-mRNA-1	Japonica	NA		Os02g0749900	OsR498G0204782500.01.T01	Mitochondrial transcription termination factor-like
augustus-2-processed-gene-338.9-mRNA-1	Japonica	NA			OsR498G0204782300.01.T02	mTERF transcription factor
augustus-2-processed-gene-34.13-mRNA-1	Japonica	NA		Os02g0162600	OsR498G0203023100.01.T01	
augustus-2-processed-gene-34.2-mRNA-1	Japonica	Japonica	LRR-TM	Os02g0161700	OsR498G0203018700.01.T01	LRR receptor-like serine/threonine-protein kinase FLS2
augustus-2-processed-gene-35.50-mRNA-1	Japonica	Indica		Os06g0679500	OsR498G0203023900.01.T03	Hexosyltransferase
augustus-2-processed-gene-35.52-mRNA-1	Japonica	NA				Agamous-like MADS-box protein AGL61

augustus-2-processed-gene-35.56-mRNA-1	Japonica	NA		Os02g0164600	OsR498G0203026500.01.T06	Pentatricopeptide repeat (PPR) superfamily protein isoform 1
augustus-2-processed-gene-355.36-mRNA-1	Japonica	NA		Os02g0757700	OsR498G0204807100.01.T06	F-box protein FBW2
augustus-2-processed-gene-355.39-mRNA-1	Japonica	NA			OsR498G0204808900.01.T01	
augustus-2-processed-gene-355.47-mRNA-1	Japonica	NA		Os02g0758200		
augustus-2-processed-gene-356.1-mRNA-1	Japonica	NA		Os02g0759400	OsR498G0204812100.01.T01	E3 ubiquitin-protein ligase ATL6
augustus-2-processed-gene-356.17-mRNA-1	Japonica	NA		Os02g0760400		
augustus-2-processed-gene-356.19-mRNA-1	Japonica	NA		Os02g0760700		
augustus-2-processed-gene-356.2-mRNA-1	Japonica	NA		Os02g0759500	OsR498G0204812500.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus-2-processed-gene-356.28-mRNA-1	Japonica	NA		Os02g0759800	OsR498G0204814200.01.T01	SNW/SKI-interacting protein-like
augustus-2-processed-gene-357.24-mRNA-1	Japonica	NA		Os02g0762100	OsR498G0204819800.01.T01	4-hydroxy-4-methyl-2-oxoglutarate aldolase
augustus-2-processed-gene-357.5-mRNA-1	Japonica	NA		Os02g0761300		
augustus-2-processed-gene-358.22-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus-2-processed-gene-358.40-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-2-processed-gene-358.55-mRNA-1	Japonica	NA		Os02g0764700	OsR498G0204826400.01.T01	Ethylene-responsive element binding protein 2
augustus-2-processed-gene-359.43-mRNA-1	Japonica	NA		Os02g0766600	OsR498G0204829100.01.T01	HTH-type transcriptional repressor YcgE
augustus-2-processed-gene-359.50-mRNA-1	Japonica	NA		Os01g0357100	OsR498G0100930500.01.T02	Ferredoxin--nitrite reductase chloroplastic
augustus-2-processed-gene-359.51-mRNA-1	Japonica	NA			OsR498G0204827800.01.T02	Protein DCL, chloroplastic
augustus-2-processed-gene-359.60-mRNA-1	Japonica	NA			OsR498G0204832700.01.T01	RING-type E3 ubiquitin transferase
augustus-2-processed-gene-359.68-mRNA-1	Japonica	NA	Kinase-TM	Os02g0767400	OsR498G0204832400.01.T01	Non-specific serine/threonine protein kinase
augustus-2-processed-gene-359.70-mRNA-1	Japonica	NA		Os02g0767700	OsR498G0204833000.01.T03	Prolyl-tRNA synthetase associated domain-containing protein 1
augustus-2-processed-gene-360.31-mRNA-1	Japonica	NA		Os02g0768700	OsR498G0204836200.01.T01	GeBP transcription factor (Fragment)
augustus-2-processed-gene-361.17-mRNA-1	Japonica	NA		Os02g0770600	OsR498G0204844300.01.T02	G-protein coupled receptor 15 like
augustus-2-processed-gene-361.28-mRNA-1	Japonica	NA		Os02g0771200	OsR498G0204846200.01.T01	Putative tyrosine-protein phosphatase
augustus-2-processed-gene-361.8-mRNA-1	Japonica	Indica		Os02g0769900	OsR498G0204841800.01.T01	Chloroplast biogenesis 19 (Fragment)
augustus-2-processed-gene-362.38-mRNA-1	Japonica	NA		Os01g0703000	OsR498G0101842900.01.T01	
augustus-2-processed-gene-363.60-mRNA-1	Japonica	NA		Os02g0773600	OsR498G0204854400.01.T01	WRC domain-containing protein (Fragment)
augustus-2-processed-gene-363.83-mRNA-1	Japonica	NA		Os02g0775300	OsR498G0204858200.01.T02	
augustus-2-processed-gene-364.17-mRNA-1	Japonica	NA		Os02g0775600	OsR498G0204860400.01.T01	Zinc finger protein 6
augustus-2-processed-gene-364.42-mRNA-1	Japonica	NA			OsR498G0204863800.01.T02	CCAAT-binding transcription factor B
augustus-2-processed-gene-366.26-mRNA-1	Japonica	NA		Os02g0779200	OsR498G0204874800.01.T01	Senescence-associated subtilisin protease
augustus-2-processed-gene-366.8-mRNA-1	Japonica	Japonica		Os02g0778900	OsR498G0204874500.01.T01	Subtilisin-like protease
augustus-2-processed-gene-367.69-mRNA-1	Japonica	NA		Os07g0527600	OsR498G0917525300.01.T01	Putative cell death associated protein
augustus-2-processed-gene-367.78-mRNA-1	Japonica	Indica		Os02g0781500	OsR498G0204884700.01.T01	GPI ethanolamine phosphate transferase 2
augustus-2-processed-gene-367.82-mRNA-1	Japonica	NA			OsR498G0204881400.01.T01	ATP-dependent DNA helicase
augustus-2-processed-gene-368.18-mRNA-1	Japonica	NA		Os02g0783100	OsR498G0204892600.01.T01	Mitochondrial transcription termination factor
augustus-2-processed-gene-369.26-mRNA-1	Japonica	NA			OsR498G0204897800.01.T01	DUF295 domain-containing protein
augustus-2-processed-gene-369.28-mRNA-1	Japonica	NA			OsR498G0204898400.01.T01	Plastid transcriptionally active 18
augustus-2-processed-gene-369.5-mRNA-1	Japonica	NA			OsR498G0204894500.01.T01	F-box domain-containing protein (Fragment)
augustus-2-processed-gene-370.38-mRNA-1	Japonica	NA		Os02g0785800	OsR498G0204900900.01.T02	60S ribosomal protein I33-b
augustus-2-processed-gene-370.47-mRNA-1	Japonica	Indica		Os02g0785000	OsR498G0204900600.01.T01	Hexosyltransferase
augustus-2-processed-gene-370.81-mRNA-1	Japonica	NA		Os02g0787000		SCP domain-containing protein (Fragment)
augustus-2-processed-gene-371.37-mRNA-1	Japonica	NA	Kinase	Os02g0787300	OsR498G0204906600.01.T01	MAP kinase kinase
augustus-2-processed-gene-372.27-mRNA-1	Japonica	NA		Os02g0791200	OsR498G0204917500.01.T02	Probable E3 ubiquitin-protein ligase XBO532
augustus-2-processed-gene-372.29-mRNA-1	Japonica	NA		Os02g0791500	OsR498G0204919300.01.T01	UDP-glucuronate 4-epimerase 1
augustus-2-processed-gene-372.39-mRNA-1	Japonica	NA		Os02g0790600	OsR498G0204916600.01.T01	Putative RING-H2 finger protein ATL49
augustus-2-processed-gene-373.44-mRNA-1	Japonica	NA		Os02g0792800		Protein TIC 55 chloroplastic
augustus-2-processed-gene-373.46-mRNA-1	Japonica	Indica		Os02g0793200	OsR498G0204924100.01.T02	Zinc finger (CCCH-type) protein-like
augustus-2-processed-gene-375.1-mRNA-1	Japonica	NA			OsR498G0204932500.01.T01	RNA polymerase II C-terminal domain phosphatase-like
augustus-2-processed-gene-375.4-mRNA-1	Japonica	NA		Os02g0796300		Poly(A)-specific ribonuclease
augustus-2-processed-gene-376.0-mRNA-1	Japonica	NA		Os02g0797300	OsR498G0204938900.01.T01	Plasma membrane ATPase
augustus-2-processed-gene-376.19-mRNA-1	Japonica	NA		Os02g0798450	OsR498G0204942600.01.T01	
augustus-2-processed-gene-377.26-mRNA-1	Japonica	NA		Os02g0799000	OsR498G0204944700.01.T02	Protein-serine/threonine phosphatase
augustus-2-processed-gene-377.29-mRNA-1	Japonica	Indica		Os02g0799600	OsR498G0204947300.01.T01	Serine-rich protein-related
augustus-2-processed-gene-377.42-mRNA-1	Japonica	NA		Os02g0800300	OsR498G0204954900.01.T01	
augustus-2-processed-gene-377.52-mRNA-1	Japonica	NA				NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9 mitochondrion
augustus-2-processed-gene-378.13-mRNA-1	Japonica	NA			OsR498G0204960100.01.T01	
augustus-2-processed-gene-378.15-mRNA-1	Japonica	NA			OsR498G0204961100.01.T02	
augustus-2-processed-gene-378.29-mRNA-1	Japonica	NA			OsR498G1018994800.01.T01	
augustus-2-processed-gene-379.15-mRNA-1	Japonica	NA		Os02g0805400		influenza virus NS1A-binding protein homolog A
augustus-2-processed-gene-379.16-mRNA-1	Japonica	NA		Os02g0805600	OsR498G0204968900.01.T01	Quinone oxidoreductase PIG3
augustus-2-processed-gene-379.30-mRNA-1	Japonica	NA		Os02g0805500	OsR498G0204968800.01.T01	3'(2'),5'-bisphosphate nucleotidase

augustus-2-processed-gene-381.26-mRNA-1	Japonica	NA		Os02g0809100	OsR498G0204980200.01.T01	PB1 domain-containing protein (Fragment)
augustus-2-processed-gene-381.28-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Circumsporozoite protein-like
augustus-2-processed-gene-382.2-mRNA-1	Japonica	NA		Os02g0809800	OsR498G0204983100.01.T04	Phosphate transporter PHO1-2
augustus-2-processed-gene-382.3-mRNA-1	Japonica	NA		Os02g0809800	OsR498G0204983100.01.T04	Phosphate transporter PHO1-2
augustus-2-processed-gene-383.42-mRNA-1	Japonica	Japonica		Os02g0812700	OsR498G0204994700.01.T01	Phloem-specific lectin
augustus-2-processed-gene-383.44-mRNA-1	Japonica	Indica		Os02g0813300	OsR498G0204994900.01.T01	F-box family protein-like
augustus-2-processed-gene-384.80-mRNA-1	Japonica	NA		Os02g0814700	OsR498G0205000500.01.T01	Ribosomal protein L17
augustus-2-processed-gene-385.76-mRNA-1	Japonica	NA		Os02g0816000	OsR498G0205003700.01.T01	FT-interacting protein 1
augustus-2-processed-gene-385.80-mRNA-1	Japonica	NA		Os02g0816800	OsR498G0205007100.01.T01	Epimerase domain-containing protein
augustus-2-processed-gene-386.43-mRNA-1	Japonica	NA		Os02g0817000	OsR498G0205007900.01.T02	Myb-like domain-containing protein (Fragment)
augustus-2-processed-gene-386.56-mRNA-1	Japonica	NA		Os02g0817700	OsR498G0205010200.01.T01	Acetyl-CoA C-acyltransferase-like protein
augustus-2-processed-gene-386.60-mRNA-1	Japonica	NA			OsR498G0205011000.01.T02	Putative NB-ARC domain-containing protein (Fragment)
augustus-2-processed-gene-386.62-mRNA-1	Japonica	NA		Os02g0818500		
augustus-2-processed-gene-387.38-mRNA-1	Japonica	NA		Os02g0818800		Selenium-binding protein-like
augustus-2-processed-gene-387.52-mRNA-1	Japonica	NA		Os02g0820200	OsR498G0205020500.01.T01	RING-H2 finger protein ATL1
augustus-2-processed-gene-388.51-mRNA-1	Japonica	NA		Os02g0820800	OsR498G0205022500.01.T01	PPC domain-containing protein (Fragment)
augustus-2-processed-gene-388.56-mRNA-1	Japonica	NA		Os02g0820400	OsR498G0205021000.01.T01	Anthocyanin 5-aromatic acyltransferase
augustus-2-processed-gene-389.43-mRNA-1	Japonica	NA		Os02g0822700		4-coumarate--CoA ligase-like 5
augustus-2-processed-gene-389.59-mRNA-1	Japonica	Japonica		Os02g0824100	OsR498G0100001000.01.T01	Cytokinin trans-hydroxylase
augustus-2-processed-gene-389.67-mRNA-1	Japonica	NA				Zinc finger protein 1
augustus-2-processed-gene-39.27-mRNA-1	Japonica	NA		Os02g0170701		SLT domain-containing protein
augustus-2-processed-gene-39.9-mRNA-1	Japonica	NA		Os02g0170500	OsR498G0203056200.01.T03	CCAAT-binding transcription factor C
augustus-2-processed-gene-390.14-mRNA-1	Japonica	Indica		Os02g0825100	OsR498G0205034900.01.T01	F-box domain-containing protein
augustus-2-processed-gene-390.33-mRNA-1	Japonica	NA		Os02g0826300		
augustus-2-processed-gene-390.4-mRNA-1	Japonica	Japonica		Os02g0825500	OsR498G0205034900.01.T01	F-box domain-containing protein
augustus-2-processed-gene-390.45-mRNA-1	Japonica	NA		Os02g0826400	OsR498G0205038000.01.T03	U-box domain-containing protein 30
augustus-2-processed-gene-391.79-mRNA-1	Japonica	Indica		Os02g0828500	OsR498G0205043500.01.T03	E3 ubiquitin-protein ligase RNF25
augustus-2-processed-gene-391.80-mRNA-1	Japonica	NA		Os02g0828500	OsR498G0205044100.01.T01	Tetratricopeptide-like helical
augustus-2-processed-gene-392.11-mRNA-1	Japonica	NA		Os02g0830000		Pentatricopeptide repeat
augustus-2-processed-gene-392.20-mRNA-1	Japonica	NA		Os02g0829800	OsR498G0205048000.01.T01	Membrane-associated salt-inducible protein-like
augustus-2-processed-gene-392.5-mRNA-1	Japonica	NA		Os09g0562400	OsR498G0101823900.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-2-processed-gene-393.107-mRNA-1	Japonica	NA		Os02g0831800		Homoserine kinase
augustus-2-processed-gene-393.111-mRNA-1	Japonica	NA		Os02g0832600	OsR498G0205054500.01.T02	Large tegument protein like
augustus-2-processed-gene-393.118-mRNA-1	Japonica	NA		Os02g0833500	OsR498G0205056900.01.T01	Cation/H(+) antiporter 1
augustus-2-processed-gene-393.149-mRNA-1	Japonica	NA		Os02g0832150		RING-H2 finger protein ATL44
augustus-2-processed-gene-393.152-mRNA-1	Japonica	NA		Os02g0833300	OsR498G0205056400.01.T05	ESCRT-I complex subunit TSG101
augustus-2-processed-gene-4.37-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os02g0211200		Putative LRR receptor-like serine/threonine-protein kinase
augustus-2-processed-gene-4.49-mRNA-1	Japonica	NA		Os02g0107600	OsR498G0202821800.01.T04	SEC63 domain-containing protein
augustus-2-processed-gene-43.21-mRNA-1	Japonica	Japonica		Os02g0178300	OsR498G0203084800.01.T01	Protein GLUTAMINE DUMPER 5
augustus-2-processed-gene-48.1-mRNA-1	Japonica	Indica		Os02g0184900	OsR498G0203109500.01.T01	Prennaspirodiene oxygenase
augustus-2-processed-gene-49.23-mRNA-1	Japonica	Indica		Os02g0188000	OsR498G0203122000.01.T02	Glycosyltransferase
augustus-2-processed-gene-5.21-mRNA-1	Japonica	NA		Os02g0108400	OsR498G0202827500.01.T01	SEC63 domain-containing protein
augustus-2-processed-gene-51.25-mRNA-1	Japonica	Indica		Os02g0190600	OsR498G0203132400.01.T02	Lycopene beta cyclase chloroplastic
augustus-2-processed-gene-51.31-mRNA-1	Japonica	Japonica		Os02g0191200	OsR498G0613274200.01.T01	Pentatricopeptide repeat-containing protein chloroplastic/mitochondrial
augustus-2-processed-gene-51.36-mRNA-1	Japonica	Japonica	CC-LRR-NBS-TM	Os02g0191000	OsR498G0203022300.01.T01	Disease resistance protein RPM1
augustus-2-processed-gene-51.39-mRNA-1	Japonica	NA		Os02g0191600		BZIP domain-containing protein (Fragment)
augustus-2-processed-gene-52.12-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0203139900.01.T01	Proline-rich receptor-like protein kinase PERK9 (Fragment)
augustus-2-processed-gene-52.13-mRNA-1	Japonica	NA			OsR498G0203142100.01.T02	Subtilisin-like protease-like isoform X1
augustus-2-processed-gene-52.19-mRNA-1	Japonica	NA		Os02g0193100	OsR498G0203140400.01.T01	TMV response protein
augustus-2-processed-gene-52.20-mRNA-1	Japonica	NA		Os02g0193200	OsR498G0203141200.01.T01	
augustus-2-processed-gene-53.2-mRNA-1	Japonica	NA		Os02g0193900	OsR498G0203143300.01.T01	Mediator of RNA polymerase II transcription subunit like
augustus-2-processed-gene-57.16-mRNA-1	Japonica	NA		Os02g0202000	OsR498G0203172500.01.T01	AP domain containing transcription factor
augustus-2-processed-gene-57.24-mRNA-1	Japonica	NA			OsR498G0203169800.01.T02	
augustus-2-processed-gene-58.4-mRNA-1	Japonica	NA		Os02g0203300	OsR498G0203177300.01.T01	Glycosyltransferase
augustus-2-processed-gene-59.5-mRNA-1	Japonica	NA		Os02g0204100		Tetratricopeptide repeat (TPR)-like superfamily protein
augustus-2-processed-gene-6.0-mRNA-1	Japonica	NA		Os02g0110400	OsR498G0202833200.01.T02	Pentatricopeptide repeat
augustus-2-processed-gene-6.11-mRNA-1	Japonica	NA		Os02g0111900	OsR498G0202836100.01.T01	Nucleic acid binding,ATP-dependent helicase
augustus-2-processed-gene-6.12-mRNA-1	Japonica	NA		Os02g0112600	OsR498G0202837400.01.T01	High affinity nitrate transporter
augustus-2-processed-gene-6.27-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os02g0111800	OsR498G0202835600.01.T01	Leucine-rich repeat receptor-like protein kinase PXL2
augustus-2-processed-gene-6.8-mRNA-1	Japonica	NA			OsR498G0202834300.01.T01	Peptidyl-prolyl cis-trans isomerase
augustus-2-processed-gene-60.18-mRNA-1	Japonica	NA			OsR498G0611960200.01.T01	

augustus-2-processed-gene-61.12-mRNA-1	Japonica	NA			OsR498G0203195100.01.T04	RRM domain-containing protein (Fragment)
augustus-2-processed-gene-61.21-mRNA-1	Japonica	NA		Os02g0207900	OsR498G0203194400.01.T01	Caffeoylshikimate esterase
augustus-2-processed-gene-61.22-mRNA-1	Japonica	Indica		Os02g0208700	OsR498G0203197400.01.T01	Kelch repeat type 1
augustus-2-processed-gene-62.56-mRNA-1	Japonica	NA		Os02g0212975	OsR498G1019116500.01.T01	
augustus-2-processed-gene-62.71-mRNA-1	Japonica	Japonica		Os02g0209400	OsR498G0203200800.01.T02	
augustus-2-processed-gene-63.19-mRNA-1	Japonica	NA		Os02g0211000	OsR498G0203203700.01.T01	ATP-binding cassette transporter subfamily A member
augustus-2-processed-gene-64.18-mRNA-1	Japonica	NA				
augustus-2-processed-gene-64.19-mRNA-1	Japonica	NA		Os02g0213800		
augustus-2-processed-gene-65.10-mRNA-1	Japonica	NA		Os02g0214600		Retrotransposon protein, putative, Ty3-gypsy subclass
augustus-2-processed-gene-65.14-mRNA-1	Japonica	Japonica		Os02g0215100	OsR498G0203218300.01.T01	
augustus-2-processed-gene-67.10-mRNA-1	Japonica	NA		Os02g0218700	OsR498G0203227900.01.T01	Allene oxide synthase, chloroplastic
augustus-2-processed-gene-67.11-mRNA-1	Japonica	NA		Os02g0218800	OsR498G0203228700.01.T01	Allene oxide synthase, chloroplastic
augustus-2-processed-gene-67.28-mRNA-1	Japonica	NA		Os02g0219000	OsR498G0203229000.01.T01	Interferon-related developmental regulator family protein / IFRD protein family
augustus-2-processed-gene-67.29-mRNA-1	Japonica	Japonica		Os02g0219050	OsR498G0816363900.01.T01	Interferon-related developmental regulator family protein / IFRD protein family
augustus-2-processed-gene-69.10-mRNA-1	Japonica	Indica		Os06g0564500	OsR498G0203238300.01.T03	PALP domain-containing protein
augustus-2-processed-gene-69.18-mRNA-1	Japonica	NA		Os02g0221500	OsR498G0203237200.01.T01	Heterogeneous nuclear ribonucleoprotein 1
augustus-2-processed-gene-70.32-mRNA-1	Japonica	NA		Os02g0223200		GTP cyclohydrolase II
augustus-2-processed-gene-72.46-mRNA-1	Japonica	NA				Hydroxyproline-rich glycoprotein-like
augustus-2-processed-gene-74.10-mRNA-1	Japonica	NA		Os02g0229400	OsR498G0203272500.01.T04	Monosaccharide-sensing protein 2
augustus-2-processed-gene-75.0-mRNA-1	Japonica	NA		Os02g0230200	OsR498G0203275100.01.T05	Secretion-regulating guanine nucleotide exchange factor
augustus-2-processed-gene-76.28-mRNA-1	Japonica	NA		Os02g0231600		DDE Tnp4 domain-containing protein (Fragment)
augustus-2-processed-gene-76.43-mRNA-1	Japonica	NA			OsR498G0713376400.01.T01	
augustus-2-processed-gene-77.9-mRNA-1	Japonica	Indica		Os02g0234300	OsR498G0203292500.01.T01	RING-type E3 ubiquitin transferase
augustus-2-processed-gene-78.37-mRNA-1	Japonica	NA		Os02g0234500	OsR498G0203293100.01.T04	NAD(P)-binding rosmann-fold protein
augustus-2-processed-gene-79.23-mRNA-1	Japonica	NA		Os02g0236500		TTF-type domain-containing protein
augustus-2-processed-gene-79.29-mRNA-1	Japonica	Japonica		Os02g0237000	OsR498G0203303300.01.T01	Peroxidase
augustus-2-processed-gene-81.50-mRNA-1	Japonica	Japonica		Os02g0241700	OsR498G0203313200.01.T01	Glycosyltransferase
augustus-2-processed-gene-82.10-mRNA-1	Japonica	NA		Os02g0242100	OsR498G0203313200.01.T01	Glycosyltransferase
augustus-2-processed-gene-82.27-mRNA-1	Japonica	NA		Os02g0242900	OsR498G0203314800.01.T01	Glycosyltransferase
augustus-2-processed-gene-82.31-mRNA-1	Japonica	NA		Os02g0243300	OsR498G0203315000.01.T02	Glycosyltransferase
augustus-2-processed-gene-83.9-mRNA-1	Japonica	NA		Os02g0245100	OsR498G0203320200.01.T01	Peroxisome bioproteins protein 7
augustus-2-processed-gene-84.13-mRNA-1	Japonica	NA			OsR498G0713983500.01.T01	
augustus-2-processed-gene-84.20-mRNA-1	Japonica	NA			OsR498G0203321400.01.T01	
augustus-2-processed-gene-84.27-mRNA-1	Japonica	NA		Os02g0245900		
augustus-2-processed-gene-85.17-mRNA-1	Japonica	NA			OsR498G0203327800.01.T01	E3 ubiquitin-protein ligase EL5-like
augustus-2-processed-gene-85.20-mRNA-1	Japonica	Indica		Os02g0248320	OsR498G0203329000.01.T01	RING-H2 finger protein ATL5H
augustus-2-processed-gene-85.24-mRNA-1	Japonica	NA				RING-H2 finger protein ATL5H
augustus-2-processed-gene-85.4-mRNA-1	Japonica	Japonica		Os02g0247200	OsR498G0203326000.01.T01	T-complex protein 1 subunit gamma
augustus-2-processed-gene-85.9-mRNA-1	Japonica	NA			OsR498G0203327100.01.T01	
augustus-2-processed-gene-86.0-mRNA-1	Japonica	NA		Os02g0249300	OsR498G0203331500.01.T01	RING-H2 finger protein ATL1N
augustus-2-processed-gene-86.2-mRNA-1	Japonica	NA		Os02g0249500		Cupin type-1 domain-containing protein
augustus-2-processed-gene-86.20-mRNA-1	Japonica	NA		Os01g0265300	OsR498G0100612800.01.T01	Transposable element protein, putative, MuDR
augustus-2-processed-gene-86.23-mRNA-1	Japonica	NA		Os02g0250600		Seed biotin-containing protein SBP65 isoform X1
augustus-2-processed-gene-86.24-mRNA-1	Japonica	NA			OsR498G0203337800.01.T01	
augustus-2-processed-gene-87.0-mRNA-1	Japonica	NA		Os02g0251700	OsR498G0203339500.01.T02	Dual specificity phosphatase, catalytic domain containing protein, expressed
augustus-2-processed-gene-87.20-mRNA-1	Japonica	NA		Os02g0252400	OsR498G0203342200.01.T01	Dof zinc finger protein like
augustus-2-processed-gene-88.44-mRNA-1	Japonica	NA		Os02g0255100	OsR498G0203347900.01.T01	PPM-type phosphatase domain-containing protein
augustus-2-processed-gene-90.22-mRNA-1	Japonica	NA		Os02g0258800	OsR498G0203360700.01.T03	
augustus-2-processed-gene-90.30-mRNA-1	Japonica	Indica		Os06g0523100	OsR498G0203361400.01.T03	
augustus-2-processed-gene-93.14-mRNA-1	Japonica	Japonica	NBS-TM	Os02g0262800	OsR498G0203369300.01.T01	Powdery mildew resistance protein
augustus-2-processed-gene-95.1-mRNA-1	Japonica	Japonica		Os02g0265300	OsR498G0203374300.01.T01	
augustus-2-processed-gene-99.35-mRNA-1	Japonica	Indica		Os10g0130200	OsR498G0203391400.01.T01	F-box domain containing protein, expressed
augustus-3-processed-gene-100.38-mRNA-1	Japonica	NA			OsR498G0305744400.01.T01	
augustus-3-processed-gene-101.76-mRNA-1	Japonica	NA			OsR498G0305753500.01.T05	
augustus-3-processed-gene-102.33-mRNA-1	Japonica	NA			OsR498G0305757300.01.T02	Pentatricopeptide repeat
augustus-3-processed-gene-102.65-mRNA-1	Japonica	Japonica		Os03g0299600	OsR498G0305763200.01.T01	Senescence associated gene 20
augustus-3-processed-gene-110.47-mRNA-1	Japonica	NA		Os03g0314500	OsR498G0305816300.01.T01	Tol-Pal system beta propeller repeat-containing protein
augustus-3-processed-gene-118.23-mRNA-1	Japonica	Japonica		Os03g0103400	OsR498G0305078700.01.T01	GRAS domain-containing protein (Fragment)
augustus-3-processed-gene-144.3-mRNA-1	Japonica	NA		Os10g0550000	OsR498G1019144500.01.T01	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P-related
augustus-3-processed-gene-144.4-mRNA-1	Japonica	NA			OsR498G1019145300.01.T01	Mediator of RNA polymerase II transcription subunit 12
augustus-3-processed-gene-149.22-mRNA-1	Japonica	NA		Os03g0325700	OsR498G0305859100.01.T01	QXW lectin repeat family protein

augustus-3-processed-gene-151.33-mRNA-1	Japonica	NA				DDE Tnp4 domain-containing protein
augustus-3-processed-gene-151.34-mRNA-1	Japonica	Japonica		Os03g0328200	OsR498G0510886900.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus-3-processed-gene-178.51-mRNA-1	Japonica	Indica		Os07g0640900	OsR498G0306009600.01.T01	Heat shock transcription factor, other eukaryote
augustus-3-processed-gene-215.19-mRNA-1	Japonica	NA		Os03g0425600	OsR498G0306243700.01.T01	UDP-glucose 6-dehydrogenase 5
augustus-3-processed-gene-22.3-mRNA-1	Japonica	NA		Os03g0143600	OsR498G0305218500.01.T01	PHD finger protein ING
augustus-3-processed-gene-232.24-mRNA-1	Japonica	NA			OsR498G0100933000.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-3-processed-gene-232.3-mRNA-1	Japonica	NA			OsR498G0510213600.01.T01	
augustus-3-processed-gene-26.23-mRNA-1	Japonica	NA			OsR498G0100724200.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-3-processed-gene-281.57-mRNA-1	Japonica	NA			OsR498G1018661500.01.T01	
augustus-3-processed-gene-29.11-mRNA-1	Japonica	NA		Os03g0158600	OsR498G0305257100.01.T02	RNase H domain-containing protein (Fragment)
augustus-3-processed-gene-290.10-mRNA-1	Japonica	NA				Aminotransferase-like
augustus-3-processed-gene-294.25-mRNA-1	Japonica	NA		Os10g0381700		F-box domain containing protein, expressed
augustus-3-processed-gene-3.69-mRNA-1	Japonica	NA		Os03g0110400	OsR498G0305103900.01.T02	THO complex, subunit THOC
augustus-3-processed-gene-303.4-mRNA-1	Japonica	NA			OsR498G0204301500.01.T06	ATP-dependent DNA helicase
augustus-3-processed-gene-322.36-mRNA-1	Japonica	NA		Os12g0468900	OsR498G0407549800.01.T01	Cell wall protein-like
augustus-3-processed-gene-335.16-mRNA-1	Japonica	NA		Os03g0558000		
augustus-3-processed-gene-388.39-mRNA-1	Japonica	NA		Os03g0648400	OsR498G0306670300.01.T02	Chaperone protein dnaJ 3
augustus-3-processed-gene-392.3-mRNA-1	Japonica	NA				Transposable element protein, putative, MuDR
augustus-3-processed-gene-402.30-mRNA-1	Japonica	NA			OsR498G1120483500.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus-3-processed-gene-406.41-mRNA-1	Japonica	NA				Vacuolar protein sorting-associated protein 26
augustus-3-processed-gene-41.35-mRNA-1	Japonica	NA			OsR498G0305342800.01.T01	Plasma membrane ATPase
augustus-3-processed-gene-410.74-mRNA-1	Japonica	NA				Tetratricopeptide repeat (TPR)-like superfamily protein
augustus-3-processed-gene-412.43-mRNA-1	Japonica	NA		Os03g0689300	OsR498G0306830100.01.T03	Plasma membrane ATPase
augustus-3-processed-gene-414.55-mRNA-1	Japonica	NA				CW14 protein isoform 2
augustus-3-processed-gene-416.20-mRNA-1	Japonica	NA			OsR498G0306743300.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-3-processed-gene-416.21-mRNA-1	Japonica	NA		Os03g0697200	OsR498G0306865100.01.T01	Cytokinin riboside 5'-monophosphate phosphoribohydrolase
augustus-3-processed-gene-417.2-mRNA-1	Japonica	Japonica		Os03g0110200	OsR498G0101158000.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-3-processed-gene-419.75-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class
augustus-3-processed-gene-426.27-mRNA-1	Japonica	NA				Endonuclease
augustus-3-processed-gene-43.53-mRNA-1	Japonica	NA			OsR498G0305352900.01.T04	Dentin sialophosphoprotein-related
augustus-3-processed-gene-430.30-mRNA-1	Japonica	NA		Os03g0721700	OsR498G0306955400.01.T01	DUF569 domain-containing protein
augustus-3-processed-gene-438.73-mRNA-1	Japonica	NA		Os03g0735000	OsR498G0307002800.01.T02	Glucose-1-phosphate adenyllyltransferase
augustus-3-processed-gene-440.40-mRNA-1	Japonica	NA		Os03g0738100	OsR498G0307011300.01.T09	Phosphatidylinositol 3-and 4-kinase family protein, expressed
augustus-3-processed-gene-444.35-mRNA-1	Japonica	NA			OsR498G0307040600.01.T01	
augustus-3-processed-gene-450.67-mRNA-1	Japonica	NA			OsR498G0307071000.01.T03	
augustus-3-processed-gene-451.11-mRNA-1	Japonica	NA			OsR498G0307071200.01.T02	
augustus-3-processed-gene-459.2-mRNA-1	Japonica	NA		Os03g0773600	OsR498G0307130100.01.T04	Kinesin-like protein KIN-8B
augustus-3-processed-gene-46.67-mRNA-1	Japonica	Indica		Os09g0368500	OsR498G0305377500.01.T02	Flavin containing polyamine oxidase
augustus-3-processed-gene-465.45-mRNA-1	Japonica	NA		Os03g0786500	OsR498G0307172400.01.T03	DNA topoisomerase
augustus-3-processed-gene-465.54-mRNA-1	Japonica	NA		Os03g0787300	OsR498G0307174300.01.T01	Chaperone protein dnaJ 3
augustus-3-processed-gene-469.45-mRNA-1	Japonica	NA		Os03g0795100	OsR498G0307197400.01.T01	
augustus-3-processed-gene-47.35-mRNA-1	Japonica	NA			OsR498G0101349400.01.T01	Splicing coactivator subunit-like
augustus-3-processed-gene-472.68-mRNA-1	Japonica	NA			OsR498G0307222300.01.T01	
augustus-3-processed-gene-478.14-mRNA-1	Japonica	NA		Os03g0812200	OsR498G0307259300.01.T02	RING-type E3 ubiquitin transferase
augustus-3-processed-gene-479.34-mRNA-1	Japonica	NA		Os08g0338000		DDE Tnp4 domain-containing protein (Fragment)
augustus-3-processed-gene-490.28-mRNA-1	Japonica	NA		Os03g0110200		MuDR family transposase domain containing protein
augustus-3-processed-gene-491.56-mRNA-1	Japonica	NA	Kinase-TM			probable receptor-like serine/threonine-protein kinase At5g57670
augustus-3-processed-gene-493.101-mRNA-1	Japonica	NA		Os03g0844900	OsR498G0307357600.01.T02	Nucleic acid-binding proteins superfamily
augustus-3-processed-gene-493.104-mRNA-1	Japonica	Indica		Os03g0845300	OsR498G0307358600.01.T01	Nuclear RNA binding protein A
augustus-3-processed-gene-493.97-mRNA-1	Japonica	NA	Kinase	Os03g0844100	OsR498G0307355200.01.T01	Tyrosine-protein kinase
augustus-3-processed-gene-496.5-mRNA-1	Japonica	NA		Os03g0849900	OsR498G0307369900.01.T01	Glycosyltransferase
augustus-3-processed-gene-77.33-mRNA-1	Japonica	NA		Os03g0251000	OsR498G0305585800.01.T01	AAI domain-containing protein
augustus-3-processed-gene-80.65-mRNA-1	Japonica	NA		Os03g0255500	OsR498G0305600800.01.T07	Phosphoenolpyruvate carboxykinase (ATP)
augustus-4-processed-gene-109.27-mRNA-1	Japonica	NA		Os04g0346000	OsR498G0408213500.01.T05	Prolyl 4-hydroxylase alpha subunit
augustus-4-processed-gene-11.2-mRNA-1	Japonica	NA		Os04g0186400	OsR498G0407666500.01.T01	H(+)/Pi cotransporter
augustus-4-processed-gene-118.0-mRNA-1	Japonica	NA			OsR498G0408285100.01.T01	
augustus-4-processed-gene-12.15-mRNA-1	Japonica	Indica		Os04g0188500	OsR498G0407674500.01.T02	
augustus-4-processed-gene-12.17-mRNA-1	Japonica	NA			OsR498G0509838600.01.T01	HGWP repeat containing protein-like
augustus-4-processed-gene-120.22-mRNA-1	Japonica	Japonica		Os04g0364800	OsR498G0204388300.01.T01	Kiwelin
augustus-4-processed-gene-131.46-mRNA-1	Japonica	NA		Os04g0379600	OsR498G0408386100.01.T01	Nitrate-induced NOI protein
augustus-4-processed-gene-138.55-mRNA-1	Japonica	NA			OsR498G0408442900.01.T01	GLTSCR1 domain-containing protein (Fragment)

augustus-4-processed-gene-139.19-mRNA-1	Japonica	NA		Os04g0394200	OsR498G0408449100.01.T04	Dihydrolipoyllysine-residue succinyltransferase
augustus-4-processed-gene-153.23-mRNA-1	Japonica	NA		Os04g0419100		
augustus-4-processed-gene-154.8-mRNA-1	Japonica	NA				RING-H2 finger protein ATL78
augustus-4-processed-gene-158.17-mRNA-1	Japonica	NA		Os04g0428300		
augustus-4-processed-gene-159.17-mRNA-1	Japonica	NA		Os04g0429800	OsR498G0408584900.01.T04	Nicotinate phosphoribosyltransferase
augustus-4-processed-gene-159.18-mRNA-1	Japonica	NA		Os04g0429900		Nicotinate phosphoribosyltransferase
augustus-4-processed-gene-159.22-mRNA-1	Japonica	NA		Os04g0430500		
augustus-4-processed-gene-160.37-mRNA-1	Japonica	NA		Os04g0430700	OsR498G0408588300.01.T01	Subtilisin-like protease
augustus-4-processed-gene-160.53-mRNA-1	Japonica	NA		Os04g0432366	OsR498G0408597500.01.T01	Alpha-1,4-fucosyltransferase
augustus-4-processed-gene-161.32-mRNA-1	Japonica	Indica		Os04g0433300	OsR498G0408601300.01.T01	
augustus-4-processed-gene-162.10-mRNA-1	Japonica	NA			OsR498G0408604500.01.T01	PsbP domain-containing protein 2, chloroplastic
augustus-4-processed-gene-168.12-mRNA-1	Japonica	NA		Os04g0444100	OsR498G0408646700.01.T01	C2H2 zinc finger malformed spikelet
augustus-4-processed-gene-169.39-mRNA-1	Japonica	NA		Os04g0444300	OsR498G0408647300.01.T03	Auxin regulated gene involved in organ size 2
augustus-4-processed-gene-169.41-mRNA-1	Japonica	NA		Os04g0444600	OsR498G0408648100.01.T02	Proteasome component (PCI) domain
augustus-4-processed-gene-169.57-mRNA-1	Japonica	NA		Os04g0445400	OsR498G0408650500.01.T01	kinetochore protein SPC24 homolog
augustus-4-processed-gene-169.58-mRNA-1	Japonica	NA		Os04g0445600	OsR498G0408651100.01.T01	Trihelix transcription factor
augustus-4-processed-gene-169.61-mRNA-1	Japonica	Indica		Os04g0446200	OsR498G0408653100.01.T01	OBP3-responsive protein 4 isoform 1
augustus-4-processed-gene-171.51-mRNA-1	Japonica	NA		Os04g0448500		Peptidase A1 domain-containing protein
augustus-4-processed-gene-171.69-mRNA-1	Japonica	Japonica		Os04g0449800	OsR498G0101579700.01.T01	Gibberellin receptor GID1L2
augustus-4-processed-gene-171.70-mRNA-1	Japonica	Indica		Os04g0449900	OsR498G0408667100.01.T02	Polyadenylate-binding protein RBP47B
augustus-4-processed-gene-175.2-mRNA-1	Japonica	NA		Os04g0456200	OsR498G0408687100.01.T01	PLAT domain-containing protein 2
augustus-4-processed-gene-175.21-mRNA-1	Japonica	Indica		Os04g0457300	OsR498G0408689100.01.T02	Nascent polypeptide-associated complex subunit beta
augustus-4-processed-gene-175.23-mRNA-1	Japonica	NA		Os04g0458000		
augustus-4-processed-gene-175.25-mRNA-1	Japonica	NA		Os04g0458200	OsR498G0408691500.01.T02	Putative WRKY transcription factor 19
augustus-4-processed-gene-182.0-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os04g0470500	OsR498G0408741100.01.T01	Disease resistance protein RPS2
augustus-4-processed-gene-183.27-mRNA-1	Japonica	NA		Os04g0472900	OsR498G0408750100.01.T01	FT-interacting protein 1
augustus-4-processed-gene-185.46-mRNA-1	Japonica	Japonica		Os04g0475900	OsR498G0408760900.01.T01	DUF295 domain-containing protein
augustus-4-processed-gene-185.47-mRNA-1	Japonica	NA			OsR498G0408761100.01.T01	DUF295 domain-containing protein
augustus-4-processed-gene-185.61-mRNA-1	Japonica	NA		Os04g0476500		
augustus-4-processed-gene-186.0-mRNA-1	Japonica	Japonica		Os04g0477900	OsR498G0511078900.01.T01	AAA domain-containing protein
augustus-4-processed-gene-19.0-mRNA-1	Japonica	NA		Os04g0197100		Cysteine-rich receptor-like protein kinase 6
augustus-4-processed-gene-19.9-mRNA-1	Japonica	NA			OsR498G0407708700.01.T01	
augustus-4-processed-gene-192.20-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os04g0491100	OsR498G0408811900.01.T02	Disease resistance RPP13-like protein 4
augustus-4-processed-gene-192.23-mRNA-1	Japonica	NA		Os04g0492100	OsR498G0408815100.01.T01	probable E3 ubiquitin-protein ligase ARI8
augustus-4-processed-gene-192.3-mRNA-1	Japonica	NA		Os04g0490700	OsR498G0408810300.01.T01	Chaperone protein ClpB 2
augustus-4-processed-gene-193.26-mRNA-1	Japonica	NA		Os04g0492500	OsR498G0408817300.01.T05	Non-specific serine/threonine protein kinase
augustus-4-processed-gene-193.34-mRNA-1	Japonica	NA		Os04g0492600	OsR498G0408817300.01.T06	Non-specific serine/threonine protein kinase
augustus-4-processed-gene-193.35-mRNA-1	Japonica	NA		Os04g0492800	OsR498G0408817700.01.T01	Probable calcium-binding protein CML28
augustus-4-processed-gene-194.48-mRNA-1	Japonica	NA		Os04g0494800	OsR498G0408823900.01.T01	Putative Galactose-binding domain-containing protein
augustus-4-processed-gene-195.60-mRNA-1	Japonica	Japonica		Os04g0497900	OsR498G0408832900.01.T01	
augustus-4-processed-gene-196.2-mRNA-1	Japonica	NA		Os04g0498600	OsR498G0408834300.01.T04	S-adenosylmethionine decarboxylase proenzyme
augustus-4-processed-gene-197.34-mRNA-1	Japonica	NA		Os04g0502300	OsR498G0408845600.01.T01	40S ribosomal protein S11
augustus-4-processed-gene-20.3-mRNA-1	Japonica	NA		Os05g0233900		TTF-type domain-containing protein
augustus-4-processed-gene-209.57-mRNA-1	Japonica	NA		Os04g0525600	OsR498G0408931100.01.T02	ATP-dependent Clp protease proteolytic subunit
augustus-4-processed-gene-210.1-mRNA-1	Japonica	NA		Os04g0526000	OsR498G0408933100.01.T01	TCP transcription factor
augustus-4-processed-gene-210.3-mRNA-1	Japonica	NA		Os04g0526300	OsR498G0408933900.01.T01	Sulfotransferase
augustus-4-processed-gene-218.28-mRNA-1	Japonica	NA		Os04g0541500	OsR498G0409002300.01.T01	Sphingoid long-chain bases kinase 1
augustus-4-processed-gene-218.39-mRNA-1	Japonica	NA			OsR498G0409004500.01.T01	Senescence regulator S40
augustus-4-processed-gene-219.1-mRNA-1	Japonica	NA		Os04g0543500	OsR498G0409009300.01.T01	FRIGIDA interacting protein 2
augustus-4-processed-gene-219.16-mRNA-1	Japonica	NA			OsR498G0409011100.01.T01	Keratin, type II cytoskeletal 79 (Fragment)
augustus-4-processed-gene-220.42-mRNA-1	Japonica	NA			OsR498G0409018100.01.T05	PORR domain-containing protein (Fragment)
augustus-4-processed-gene-221.0-mRNA-1	Japonica	NA		Os04g0547600	OsR498G0409022300.01.T01	Ethylene-responsive transcription factor 5
augustus-4-processed-gene-222.20-mRNA-1	Japonica	NA		Os04g0549700	OsR498G0409030100.01.T02	Ethylene-responsive transcription factor TINY-like
augustus-4-processed-gene-222.21-mRNA-1	Japonica	NA			OsR498G0409030700.01.T01	Ethylene-responsive transcription factor TINY-like
augustus-4-processed-gene-222.27-mRNA-1	Japonica	NA		Os04g0550200	OsR498G0409032100.01.T01	Ethylene-responsive transcription factor ERF034
augustus-4-processed-gene-222.28-mRNA-1	Japonica	NA		Os04g0550500	OsR498G0409033700.01.T01	Acetylglutamate kinase chloroplastic
augustus-4-processed-gene-223.11-mRNA-1	Japonica	NA		Os04g0552300	OsR498G0409041500.01.T02	Cyclin
augustus-4-processed-gene-223.12-mRNA-1	Japonica	NA		Os04g0552400	OsR498G0409042500.01.T01	Cys2/His2 zinc-finger transcription factor
augustus-4-processed-gene-223.13-mRNA-1	Japonica	NA		Os04g0552700	OsR498G0409043500.01.T01	Cys2/His2 zinc-finger transcription factor
augustus-4-processed-gene-223.17-mRNA-1	Japonica	NA		Os04g0553000	OsR498G0409045300.01.T02	Protein TRIGALACTOSYLDIACYLGLYCEROL 1 chloroplastic
augustus-4-processed-gene-223.8-mRNA-1	Japonica	NA		Os04g0551800	OsR498G0409039700.01.T01	CCT-alpha

augustus-4-processed-gene-224.13-mRNA-1	Japonica	Japonica		Os04g0554600	OsR498G0409049300.01.T01	Proline-rich protein DC2.15
augustus-4-processed-gene-224.15-mRNA-1	Japonica	NA		Os04g0555000	OsR498G0409052300.01.T01	GRAS transcription factor
augustus-4-processed-gene-225.42-mRNA-1	Japonica	NA		Os04g0557000	OsR498G0409059700.01.T03	Genetic modifier
augustus-4-processed-gene-226.33-mRNA-1	Japonica	NA				R-type basic helix-loop-helix protein
augustus-4-processed-gene-234.18-mRNA-1	Japonica	NA		Os04g0571600	OsR498G0409109900.01.T01	Protein DETOXIFICATION
augustus-4-processed-gene-235.41-mRNA-1	Japonica	Indica		Os02g0676800	OsR498G0409113500.01.T01	Ethylene-responsive transcription factor ERF025
augustus-4-processed-gene-235.42-mRNA-1	Japonica	Japonica		Os04g0572400	OsR498G0204522100.01.T01	Dehydration-responsive element-binding protein 1G
augustus-4-processed-gene-236.10-mRNA-1	Japonica	Japonica		Os04g0574100	OsR498G0612527500.01.T01	Exostosin domain-containing protein (Fragment)
augustus-4-processed-gene-236.15-mRNA-1	Japonica	NA		Os04g0574700	OsR498G0409122500.01.T01	Guard cell S-type anion channel like
augustus-4-processed-gene-237.18-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os04g0576900	OsR498G0409129100.01.T01	Probable inactive leucine-rich repeat receptor kinase XIAO
augustus-4-processed-gene-237.19-mRNA-1	Japonica	NA		Os04g0577000	OsR498G0409129500.01.T02	Ubiquitin fusion degradation protein UFD
augustus-4-processed-gene-237.4-mRNA-1	Japonica	Indica		Os10g0531750	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-4-processed-gene-238.39-mRNA-1	Japonica	NA		Os04g0577700	OsR498G0409132300.01.T04	Transcription repressor
augustus-4-processed-gene-238.56-mRNA-1	Japonica	NA		Os04g0578400	OsR498G0409134900.01.T01	Aldehyde oxygenase (deformylating)
augustus-4-processed-gene-239.17-mRNA-1	Japonica	NA		Os04g0578900		MULE domain-containing protein
augustus-4-processed-gene-241.16-mRNA-1	Japonica	NA		Os04g0583150	OsR498G0409160700.01.T06	Pentatricopeptide repeat-containing protein chloroplastic
augustus-4-processed-gene-243.14-mRNA-1	Japonica	NA		Os04g0586500	OsR498G0409175700.01.T01	Receptor-like protein kinase FERONIA
augustus-4-processed-gene-243.15-mRNA-1	Japonica	NA		Os04g0586700	OsR498G0409176100.01.T01	E3 ubiquitin-protein ligase ATL4
augustus-4-processed-gene-243.19-mRNA-1	Japonica	NA		Os04g0587100	OsR498G0409177300.01.T01	PMEI domain-containing protein
augustus-4-processed-gene-243.20-mRNA-1	Japonica	NA		Os04g0587200	OsR498G0409177500.01.T01	Invertase inhibitor 1
augustus-4-processed-gene-243.24-mRNA-1	Japonica	Indica		Os04g0587400	OsR498G0409178500.01.T02	Purine nucleobase transmembrane transport
augustus-4-processed-gene-244.33-mRNA-1	Japonica	NA		Os10g0460000	OsR498G1019116500.01.T01	
augustus-4-processed-gene-244.45-mRNA-1	Japonica	NA		Os04g0589401		
augustus-4-processed-gene-244.46-mRNA-1	Japonica	Indica		Os04g0589500	OsR498G0409185300.01.T01	Proton-dependent oligopeptide transport family protein
augustus-4-processed-gene-244.48-mRNA-1	Japonica	NA		Os04g0589700	OsR498G0409185900.01.T01	RING-type E3 ubiquitin transferase
augustus-4-processed-gene-245.12-mRNA-1	Japonica	NA		Os04g0590400	OsR498G0409189100.01.T01	scarecrow-like protein 9
augustus-4-processed-gene-247.8-mRNA-1	Japonica	NA		Os04g0594800	OsR498G0409204100.01.T01	Oligopeptide transporter like
augustus-4-processed-gene-247.9-mRNA-1	Japonica	NA		Os04g0595000	OsR498G0409204700.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus-4-processed-gene-248.10-mRNA-1	Japonica	Indica		Os04g0597900	OsR498G0409211100.01.T01	
augustus-4-processed-gene-248.3-mRNA-1	Japonica	NA		Os04g0597600	OsR498G0409209900.01.T01	
augustus-4-processed-gene-248.8-mRNA-1	Japonica	NA		Os02g0212975	OsR498G1019086300.01.T01	
augustus-4-processed-gene-248.9-mRNA-1	Japonica	NA		Os04g0597800	OsR498G0409210900.01.T01	
augustus-4-processed-gene-249.67-mRNA-1	Japonica	NA			OsR498G0409219500.01.T01	
augustus-4-processed-gene-251.19-mRNA-1	Japonica	NA			OsR498G0409231700.01.T01	
augustus-4-processed-gene-253.53-mRNA-1	Japonica	NA				HTH myb-type domain-containing protein
augustus-4-processed-gene-256.1-mRNA-1	Japonica	NA		Os04g0610400	OsR498G0409258900.01.T01	Ethylene-responsive element binding protein homolog
augustus-4-processed-gene-256.16-mRNA-1	Japonica	NA		Os04g0611700	OsR498G0409264300.01.T01	Ent-kaurene synthase B
augustus-4-processed-gene-257.0-mRNA-1	Japonica	NA		Os04g0611800	OsR498G0409264900.01.T05	Ent-kaurene synthase I (Fragment)
augustus-4-processed-gene-257.10-mRNA-1	Japonica	Indica		Os04g0612300	OsR498G0409266300.01.T01	AAI domain-containing protein (Fragment)
augustus-4-processed-gene-258.13-mRNA-1	Japonica	NA				Adenosylmethionine aminotransferase1
augustus-4-processed-gene-260.31-mRNA-1	Japonica	NA		Os04g0616800	OsR498G0409282900.01.T01	
augustus-4-processed-gene-260.32-mRNA-1	Japonica	NA		Os04g0616900	OsR498G0409283300.01.T01	
augustus-4-processed-gene-260.47-mRNA-1	Japonica	NA		Os04g0618400		
augustus-4-processed-gene-261.28-mRNA-1	Japonica	NA		Os04g0619300	OsR498G0409292300.01.T01	F-box/kelch-repeat protein At5g60570
augustus-4-processed-gene-261.33-mRNA-1	Japonica	NA		Os04g0619900	OsR498G0409294900.01.T01	BAG family molecular chaperone regulator like
augustus-4-processed-gene-262.14-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os04g0621750	OsR498G0409301900.01.T01	Disease resistance protein RGA2
augustus-4-processed-gene-262.16-mRNA-1	Japonica	Japonica		Os04g0621900	OsR498G0409303900.01.T01	BED-type domain-containing protein (Fragment)
augustus-4-processed-gene-262.8-mRNA-1	Japonica	Japonica		Os04g0621300	OsR498G0409297100.01.T04	Disease Resistance RGA protein fragment (Pi63)
augustus-4-processed-gene-264.34-mRNA-1	Japonica	NA		Os04g0624400	OsR498G0409310700.01.T01	Polyphenol oxidase, chloroplastic
augustus-4-processed-gene-265.33-mRNA-1	Japonica	NA		Os04g0625600	OsR498G0409315900.01.T01	Speckle-type POZ protein B
augustus-4-processed-gene-265.35-mRNA-1	Japonica	NA		Os04g0625700		Putative chromatin remodeling & transcription regulator BTB-POZ-MATH family
augustus-4-processed-gene-265.36-mRNA-1	Japonica	NA		Os04g0625800	OsR498G0409316900.01.T03	Polyadenylate-binding protein RBP45C
augustus-4-processed-gene-266.66-mRNA-1	Japonica	NA		Os04g0628700	OsR498G0409325300.01.T03	Peroxisome biogenesis protein 22
augustus-4-processed-gene-266.67-mRNA-1	Japonica	Japonica		Os04g0628800	OsR498G0409325300.01.T01	Cyclin
augustus-4-processed-gene-268.79-mRNA-1	Japonica	Japonica	Kinase-TM	Os04g0633800	OsR498G0409334600.01.T02	Non-specific serine/threonine protein kinase
augustus-4-processed-gene-271.17-mRNA-1	Japonica	NA		Os04g0640900	OsR498G0409355300.01.T01	Putative WRKY transcription factor 19
augustus-4-processed-gene-271.20-mRNA-1	Japonica	NA		Os04g0641300		Glutaredoxin
augustus-4-processed-gene-273.58-mRNA-1	Japonica	NA		Os04g0643700	OsR498G0409364700.01.T04	Pentatricopeptide repeat-containing protein mitochondrial
augustus-4-processed-gene-274.2-mRNA-1	Japonica	NA		Os04g0645500		Methyltransferase-16
augustus-4-processed-gene-275.33-mRNA-1	Japonica	NA	LRR-TM			Phytosulfokine receptor 1
augustus-4-processed-gene-275.39-mRNA-1	Japonica	NA		Os04g0648600	OsR498G0409380300.01.T01	

augustus-4-processed-gene-276.11-mRNA-1	Japonica	NA		Os04g0649900	OsR498G0409389300.01.T01	Glucuronoxylan 4-O-methyltransferase 3
augustus-4-processed-gene-277.63-mRNA-1	Japonica	Indica		Os04g0650700	OsR498G0409393500.01.T01	Isoaspartyl peptidase/L-asparaginase
augustus-4-processed-gene-277.65-mRNA-1	Japonica	NA			OsR498G0409395100.01.T01	Wall-associated receptor kinase 2
augustus-4-processed-gene-279.43-mRNA-1	Japonica	Japonica	Kinase-TM	Os04g0655000	OsR498G0409408100.01.T01	Serine/threonine-protein kinase
augustus-4-processed-gene-281.13-mRNA-1	Japonica	NA		Os04g0658100	OsR498G0409419300.01.T06	Transcriptional regulator of RNA polII, SAGA, subunit
augustus-4-processed-gene-282.9-mRNA-1	Japonica	NA			OsR498G0409426700.01.T05	
augustus-4-processed-gene-284.33-mRNA-1	Japonica	NA		Os04g0662800	OsR498G0409436100.01.T01	E3 ubiquitin-protein ligase HERC2
augustus-4-processed-gene-289.0-mRNA-1	Japonica	NA		Os04g0672800	OsR498G0409471300.01.T02	Peroxisome biogenesis protein 22
augustus-4-processed-gene-290.57-mRNA-1	Japonica	NA		Os04g0674400	OsR498G0409505400.01.T01	Anamorsin homolog
augustus-4-processed-gene-291.12-mRNA-1	Japonica	NA		Os04g0677600		
augustus-4-processed-gene-293.51-mRNA-1	Japonica	NA			OsR498G0409501500.01.T01	Allantoinase
augustus-4-processed-gene-293.70-mRNA-1	Japonica	NA		Os04g0681800		
augustus-4-processed-gene-295.1-mRNA-1	Japonica	Indica	Kinase-TM	Os04g0684200	OsR498G0409514300.01.T06	CASP-like protein 1
augustus-4-processed-gene-295.13-mRNA-1	Japonica	Indica		Os04g0684900	OsR498G0409516900.01.T01	Poly(A)-specific ribonuclease
augustus-4-processed-gene-295.9-mRNA-1	Japonica	Indica		Os04g0684400	OsR498G0409515700.01.T01	
augustus-4-processed-gene-296.36-mRNA-1	Japonica	NA		Os04g0686800	OsR498G0409525900.01.T01	Vacuolar iron transporter
augustus-4-processed-gene-297.16-mRNA-1	Japonica	NA		Os04g0687800	OsR498G0409528100.01.T01	Plant-drug/metabolite exporter
augustus-4-processed-gene-297.18-mRNA-1	Japonica	NA		Os04g0688000	OsR498G0409529300.01.T01	DUF793 domain-containing protein
augustus-4-processed-gene-299.19-mRNA-1	Japonica	NA		Os04g0691800	OsR498G0409540700.01.T01	FT-interacting protein 1
augustus-4-processed-gene-299.29-mRNA-1	Japonica	NA			OsR498G0409538800.01.T02	DDB1-and CUL4-associated factor-like protein 1
augustus-4-processed-gene-299.4-mRNA-1	Japonica	NA		Os04g0691000		F-box domain-containing protein
augustus-4-processed-gene-3.15-mRNA-1	Japonica	NA		Os04g0175400	OsR498G0407633900.01.T01	
augustus-4-processed-gene-35.36-mRNA-1	Japonica	NA	Kinase-LRR-TM			Leucine-rich repeat protein kinase family protein
augustus-4-processed-gene-5.20-mRNA-1	Japonica	NA		Os04g0178300	OsR498G0407643700.01.T01	Syn-copalyl diphosphate synthase
augustus-4-processed-gene-59.5-mRNA-1	Japonica	NA		Os04g0272700	OsR498G0407907100.01.T01	Glycosyltransferase
augustus-4-processed-gene-65.0-mRNA-1	Japonica	Indica		Os02g0461500	OsR498G0407938700.01.T01	FAS1 domain-containing protein
augustus-4-processed-gene-66.2-mRNA-1	Japonica	NA		Os05g0234700		Retrotransposon protein, putative, unclassified
augustus-4-processed-gene-7.13-mRNA-1	Japonica	NA		Os04g0180900		
augustus-4-processed-gene-72.16-mRNA-1	Japonica	NA		Os04g0295000	OsR498G0407959000.01.T02	Type 1 phosphatases regulator like
augustus-4-processed-gene-74.12-mRNA-1	Japonica	NA		Os04g0297800	OsR498G0407971100.01.T01	Bifunctional hemolysin/adenylate cyclase
augustus-4-processed-gene-76.18-mRNA-1	Japonica	NA		Os04g0300175		ATP-dependent DNA helicase
augustus-4-processed-gene-8.6-mRNA-1	Japonica	NA				
augustus-4-processed-gene-80.14-mRNA-1	Japonica	NA		Os04g0305700	OsR498G0408009100.01.T01	Glycosyltransferase
augustus-4-processed-gene-81.17-mRNA-1	Japonica	NA		Os04g0306400	OsR498G0408010700.01.T01	Ribose-5-phosphate isomerase
augustus-4-processed-gene-82.4-mRNA-1	Japonica	Japonica	Kinase-TM	Os04g0307900	OsR498G0408016900.01.T01	Wall-associated receptor kinase 5
augustus-4-processed-gene-82.5-mRNA-1	Japonica	NA	Kinase-TM			Wall-associated receptor kinase 3
augustus-4-processed-gene-83.5-mRNA-1	Japonica	NA				
augustus-5-processed-gene-10.31-mRNA-1	Japonica	Japonica		Os05g0120000	OsR498G0509618600.01.T01	ABC transporter G family member 6
augustus-5-processed-gene-10.34-mRNA-1	Japonica	NA		Os10g0460000	OsR498G1019116500.01.T01	
augustus-5-processed-gene-11.16-mRNA-1	Japonica	NA		Os05g0120900	OsR498G0509622800.01.T01	probable membrane-associated kinase regulator 4
augustus-5-processed-gene-12.45-mRNA-1	Japonica	NA		Os05g0122500	OsR498G0509629600.01.T01	PWWP domain-containing protein (Fragment)
augustus-5-processed-gene-13.33-mRNA-1	Japonica	NA		Os05g0124000	OsR498G0509638000.01.T02	
augustus-5-processed-gene-14.7-mRNA-1	Japonica	Indica		Os05g0124000	OsR498G0509641800.01.T05	
augustus-5-processed-gene-141.37-mRNA-1	Japonica	NA		Os05g0305300	OsR498G0510413000.01.T01	Pentatricopeptide repeat
augustus-5-processed-gene-141.59-mRNA-1	Japonica	NA		Os05g0305700	OsR498G0510414000.01.T01	Homeobox protein SIX3-like isoform X2
augustus-5-processed-gene-145.12-mRNA-1	Japonica	NA			OsR498G0510430800.01.T01	Hydroxyproline-rich glycoprotein-like protein
augustus-5-processed-gene-147.9-mRNA-1	Japonica	Indica		Os03g0356900	OsR498G0510442200.01.T01	Adenylate isopentenyltransferase
augustus-5-processed-gene-148.47-mRNA-1	Japonica	NA		Os05g0313700	OsR498G0510453400.01.T01	NET domain-containing protein
augustus-5-processed-gene-149.15-mRNA-1	Japonica	NA		Os05g0315401		Transposon protein, putative, Mutator sub-class, expressed
augustus-5-processed-gene-149.16-mRNA-1	Japonica	NA		Os05g0314700	OsR498G0510463400.01.T01	Fanconi anemia group I protein isoform X1
augustus-5-processed-gene-15.32-mRNA-1	Japonica	Indica		Os01g0881800	OsR498G0509652400.01.T01	
augustus-5-processed-gene-151.23-mRNA-1	Japonica	NA		Os05g0317200	OsR498G0510474100.01.T03	Long-chain-fatty-acid--CoA ligase 3
augustus-5-processed-gene-152.17-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0510479400.01.T04	Receptor-like protein kinase FERONIA
augustus-5-processed-gene-152.19-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0510480600.01.T01	Receptor-like protein kinase FERONIA
augustus-5-processed-gene-153.24-mRNA-1	Japonica	Japonica		Os05g0319800	OsR498G0510483600.01.T01	Plasma membrane ATPase
augustus-5-processed-gene-153.25-mRNA-1	Japonica	NA		Os05g0319900	OsR498G0510483800.01.T01	GH10 domain-containing protein
augustus-5-processed-gene-153.26-mRNA-1	Japonica	NA		Os05g0320100	OsR498G0510484400.01.T03	F-box domain containing protein, expressed
augustus-5-processed-gene-16.30-mRNA-1	Japonica	NA		Os05g0128400	OsR498G0509662200.01.T03	Metal tolerance protein 1
augustus-5-processed-gene-17.8-mRNA-1	Japonica	NA		Os05g0129000	OsR498G0509662700.01.T04	Glutamate--cysteine ligase A, chloroplastic
augustus-5-processed-gene-18.35-mRNA-1	Japonica	NA			OsR498G0509669200.01.T01	Zinc finger, RanBP2-type
augustus-5-processed-gene-18.60-mRNA-1	Japonica	NA			OsR498G0408652000.01.T01	CIA30 domain-containing protein

augustus-5-processed-gene-194.45-mRNA-1	Japonica	Japonica		Os05g0382550	OsR498G0612562800.01.T01	
augustus-5-processed-gene-195.28-mRNA-1	Japonica	NA		Os05g0384300	OsR498G0510745600.01.T01	Peptidase A1 domain-containing protein
augustus-5-processed-gene-195.29-mRNA-1	Japonica	NA	NBS-TM	Os05g0384600	OsR498G0510747200.01.T01	ATPase, coupled to transmembrane movement of substances
augustus-5-processed-gene-199.0-mRNA-1	Japonica	NA		Os05g0390600		probable membrane-associated kinase regulator 1
augustus-5-processed-gene-199.1-mRNA-1	Japonica	NA		Os05g0390800	OsR498G0510767800.01.T01	VQ domain-containing protein (Fragment)
augustus-5-processed-gene-199.7-mRNA-1	Japonica	NA				RMUA
augustus-5-processed-gene-201.32-mRNA-1	Japonica	NA		Os05g0395000	OsR498G0510782000.01.T03	Peptide-N4-(N-acetyl-beta-glucosaminyl)asparagine amidase A
augustus-5-processed-gene-202.19-mRNA-1	Japonica	NA				
augustus-5-processed-gene-202.25-mRNA-1	Japonica	NA		Os05g0396900	OsR498G0510787600.01.T01	Gelation factor like
augustus-5-processed-gene-204.46-mRNA-1	Japonica	NA	LRR-TM	Os05g0399800	OsR498G0510794200.01.T01	Inactive LRR receptor-like serine/threonine-protein kinase BIR2
augustus-5-processed-gene-205.29-mRNA-1	Japonica	NA			OsR498G0510801000.01.T01	
augustus-5-processed-gene-206.10-mRNA-1	Japonica	NA		Os05g0403400	OsR498G0510803600.01.T01	mTERF transcription factor (Fragment)
augustus-5-processed-gene-206.11-mRNA-1	Japonica	NA		Os05g0403600	OsR498G0510804000.01.T01	mTERF transcription factor (Fragment)
augustus-5-processed-gene-208.36-mRNA-1	Japonica	NA		Os05g0404600	OsR498G0510805800.01.T01	Methyl-CpG-binding domain-containing protein 4
augustus-5-processed-gene-208.37-mRNA-1	Japonica	NA		Os05g0404700	OsR498G0510806000.01.T01	Methyl-CpG-binding domain-containing protein 1
augustus-5-processed-gene-208.51-mRNA-1	Japonica	NA		Os12g0501100	OsR498G0613150400.01.T01	Protein-serine/threonine phosphatase
augustus-5-processed-gene-209.36-mRNA-1	Japonica	NA		Os05g0406600	OsR498G0510812600.01.T01	
augustus-5-processed-gene-210.25-mRNA-1	Japonica	NA		Os05g0409000	OsR498G0510821800.01.T01	UBA domain-containing protein (Fragment)
augustus-5-processed-gene-210.5-mRNA-1	Japonica	NA		Os05g0407900	OsR498G0510818600.01.T04	Pentatricopeptide repeat
augustus-5-processed-gene-217.37-mRNA-1	Japonica	NA			OsR498G0510862200.01.T01	Ethylene-responsive transcription factor ERF020
augustus-5-processed-gene-217.56-mRNA-1	Japonica	Japonica		Os05g0420900	OsR498G0203891300.01.T01	
augustus-5-processed-gene-218.24-mRNA-1	Japonica	NA			OsR498G0306294300.01.T01	Oxidoreductase, 2OG-Fe oxygenase family protein, expressed
augustus-5-processed-gene-219.17-mRNA-1	Japonica	NA		Os05g0424300	OsR498G0510875200.01.T01	Flavonoid 3'-monooxygenase
augustus-5-processed-gene-22.36-mRNA-1	Japonica	Japonica		Os05g0139200	OsR498G0509702800.01.T01	Putative receptor kinase
augustus-5-processed-gene-220.45-mRNA-1	Japonica	Japonica		Os05g0427400	OsR498G0204355400.01.T01	Phenylalanine ammonia-lyase
augustus-5-processed-gene-221.26-mRNA-1	Japonica	Japonica		Os05g0428800	OsR498G0510892400.01.T01	Glycosyltransferase
augustus-5-processed-gene-222.3-mRNA-1	Japonica	NA		Os05g0429700	OsR498G0510895200.01.T01	FT-interacting protein 1
augustus-5-processed-gene-227.10-mRNA-1	Japonica	Indica		Os05g0440100	OsR498G0510928400.01.T02	Histone deacetylase
augustus-5-processed-gene-227.18-mRNA-1	Japonica	Indica		Os10g0326400	OsR498G05059612600.01.T01	F-box domain containing protein, expressed
augustus-5-processed-gene-227.20-mRNA-1	Japonica	Indica		Os05g0441400	OsR498G0510930400.01.T01	Transcription repressor
augustus-5-processed-gene-23.16-mRNA-1	Japonica	Indica		Os05g0141200	OsR498G0509711600.01.T02	VQ domain-containing protein
augustus-5-processed-gene-23.18-mRNA-1	Japonica	Japonica		Os05g0141300	OsR498G0713871400.01.T01	(Z)-3-hexen-1-ol acetyltransferase
augustus-5-processed-gene-23.20-mRNA-1	Japonica	NA		Os05g0141500	OsR498G0509713200.01.T03	E3 ubiquitin-protein like
augustus-5-processed-gene-230.35-mRNA-1	Japonica	NA		Os05g0447000	OsR498G0510949800.01.T01	Pleckstrin like domain-containing protein 1
augustus-5-processed-gene-230.37-mRNA-1	Japonica	NA		Os05g0447200	OsR498G0510950000.01.T01	Auxin transporter protein 1
augustus-5-processed-gene-231.43-mRNA-1	Japonica	NA		Os05g0449200	OsR498G0510954600.01.T01	BAHD acyltransferase DCR
augustus-5-processed-gene-234.2-mRNA-1	Japonica	NA				Retrotransposon protein, putative, unclassified, expressed
augustus-5-processed-gene-238.4-mRNA-1	Japonica	NA		Os05g0462700	OsR498G0510997800.01.T01	Multifunctional fusion protein
augustus-5-processed-gene-24.41-mRNA-1	Japonica	NA		Os05g0142600		
augustus-5-processed-gene-242.44-mRNA-1	Japonica	NA		Os05g0471100	OsR498G0511022200.01.T01	Glutaredoxin domain-containing cysteine-rich protein 1
augustus-5-processed-gene-243.31-mRNA-1	Japonica	NA		Os05g0473500	OsR498G0511029000.01.T02	Exocyst subunit exo70 family protein B2
augustus-5-processed-gene-244.42-mRNA-1	Japonica	Indica		Os05g0475400	OsR498G0511033800.01.T01	Alanine--glyoxylate aminotransferase 2
augustus-5-processed-gene-245.27-mRNA-1	Japonica	NA			OsR498G0511043200.01.T01	RING-H2 finger protein ATL1N
augustus-5-processed-gene-246.7-mRNA-1	Japonica	NA			OsR498G0511046600.01.T01	
augustus-5-processed-gene-247.79-mRNA-1	Japonica	NA			OsR498G0511056000.01.T01	
augustus-5-processed-gene-248.2-mRNA-1	Japonica	Japonica		Os05g0481900	OsR498G0511058000.01.T02	PIN-formed protein14
augustus-5-processed-gene-248.35-mRNA-1	Japonica	NA			OsR498G1119312200.01.T01	
augustus-5-processed-gene-250.30-mRNA-1	Japonica	NA		Os05g0486200	OsR498G0511076000.01.T01	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit KCP
augustus-5-processed-gene-251.63-mRNA-1	Japonica	NA		Os05g0488800	OsR498G0511080200.01.T03	RING-type E3 ubiquitin transferase
augustus-5-processed-gene-252.18-mRNA-1	Japonica	NA		Os05g0490400	OsR498G0511085200.01.T01	
augustus-5-processed-gene-252.21-mRNA-1	Japonica	NA		Os05g0490700	OsR498G0511085800.01.T02	Histone-lysine N-methyltransferase H3 lysine-9 specific SUVH3
augustus-5-processed-gene-252.8-mRNA-1	Japonica	NA		Os05g0490000		KRR1-interacting protein involved in 40S ribosome biogenesis
augustus-5-processed-gene-254.54-mRNA-1	Japonica	NA			OsR498G0511098600.01.T03	RING-type E3 ubiquitin transferase
augustus-5-processed-gene-254.55-mRNA-1	Japonica	NA		Os05g0495200	OsR498G0511099200.01.T03	BZIP transcription factor
augustus-5-processed-gene-255.29-mRNA-1	Japonica	NA			OsR498G0511103200.01.T01	
augustus-5-processed-gene-255.34-mRNA-1	Japonica	NA		Os05g0497300	OsR498G0511105200.01.T01	Ethylene-responsive transcription factor 4
augustus-5-processed-gene-256.29-mRNA-1	Japonica	NA		Os05g0498200	OsR498G0511109000.01.T01	Sonic hedgehog protein A
augustus-5-processed-gene-256.34-mRNA-1	Japonica	NA			OsR498G0511100000.01.T01	
augustus-5-processed-gene-256.37-mRNA-1	Japonica	NA			OsR498G0917893100.01.T01	Trypsin
augustus-5-processed-gene-257.14-mRNA-1	Japonica	NA		Os10g0460000	OsR498G0305532000.01.T01	Kinesin heavy chain-like
augustus-5-processed-gene-260.3-mRNA-1	Japonica	NA			OsR498G0511135400.01.T01	DUF834 domain-containing protein

augustus-5-processed-gene-264.47-mRNA-1	Japonica	NA		Os05g0510600	OsR498G0511162200.01.T01	Tyrosine decarboxylase
augustus-5-processed-gene-264.67-mRNA-1	Japonica	NA		Os05g0511300	OsR498G0511165400.01.T02	Carnosine N-methyltransferase
augustus-5-processed-gene-266.40-mRNA-1	Japonica	Indica		Os05g0514600	OsR498G0511177800.01.T03	Gibberellin 2-beta-dioxygenase
augustus-5-processed-gene-266.41-mRNA-1	Japonica	Indica		Os05g0514600	OsR498G0511177800.01.T03	Gibberellin 2-beta-dioxygenase
augustus-5-processed-gene-267.54-mRNA-1	Japonica	NA		Os05g0515600	OsR498G0511181400.01.T01	O-methyltransferase ZRP4
augustus-5-processed-gene-269.56-mRNA-1	Japonica	NA		Os05g0519800		probable transcriptional regulatory protein At2g25830
augustus-5-processed-gene-27.10-mRNA-1	Japonica	NA		Os05g0147800		BED-type domain-containing protein
augustus-5-processed-gene-27.9-mRNA-1	Japonica	NA		Os05g0147700	OsR498G0509734200.01.T01	
augustus-5-processed-gene-271.36-mRNA-1	Japonica	NA		Os05g0522700	OsR498G0511207200.01.T01	
augustus-5-processed-gene-271.37-mRNA-1	Japonica	NA		Os10g0531750	OsR498G1120733700.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-5-processed-gene-272.36-mRNA-1	Japonica	NA		Os05g0525900	OsR498G0511216000.01.T01	C3H transcription factor
augustus-5-processed-gene-273.35-mRNA-1	Japonica	NA		Os05g0527000	OsR498G0511218600.01.T01	Glycosyltransferase
augustus-5-processed-gene-273.36-mRNA-1	Japonica	NA		Os05g0527100	OsR498G0511219800.01.T01	Glycosyltransferase
augustus-5-processed-gene-273.52-mRNA-1	Japonica	Japonica		Os05g0527400	OsR498G0511221000.01.T01	Glycosyltransferase
augustus-5-processed-gene-273.55-mRNA-1	Japonica	Japonica		Os05g0527700	OsR498G0511221000.01.T01	Glycosyltransferase
augustus-5-processed-gene-273.58-mRNA-1	Japonica	NA				Respiratory burst oxidase protein B variant beta
augustus-5-processed-gene-28.60-mRNA-1	Japonica	NA		Os05g0149300	OsR498G0509738700.01.T01	1-aminocyclopropane-1-carboxylate oxidase
augustus-5-processed-gene-285.14-mRNA-1	Japonica	NA		Os05g0552200	OsR498G0511303400.01.T01	Hexosyltransferase
augustus-5-processed-gene-285.2-mRNA-1	Japonica	Japonica		Os05g0551700	OsR498G0101792300.01.T01	Adenylate isopentenyltransferase
augustus-5-processed-gene-299.66-mRNA-1	Japonica	NA		Os05g0579300	OsR498G0511400300.01.T01	Zinc-finger homeodomain protein 6
augustus-5-processed-gene-300.24-mRNA-1	Japonica	NA		Os05g0582000	OsR498G0511409400.01.T01	Plant basic secretory protein (BSP) family protein
augustus-5-processed-gene-300.9-mRNA-1	Japonica	NA		Os08g0106900	OsR498G0511404600.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus-5-processed-gene-305.4-mRNA-1	Japonica	Japonica		Os05g0590000	OsR498G0101471900.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus-5-processed-gene-306.77-mRNA-1	Japonica	NA		Os05g0593900	OsR498G0511448600.01.T01	Vacuolar-processing enzyme gamma-isozyme
augustus-5-processed-gene-307.45-mRNA-1	Japonica	NA		Os05g0594200	OsR498G0511449400.01.T01	Vacuolar cation/proton exchanger
augustus-5-processed-gene-31.10-mRNA-1	Japonica	NA		Os05g0154600	OsR498G0509766800.01.T01	E3 ubiquitin-protein ligase RFI2
augustus-5-processed-gene-32.51-mRNA-1	Japonica	Japonica		Os05g0155400	OsR498G0100884100.01.T02	GATA-type domain-containing protein
augustus-5-processed-gene-33.67-mRNA-1	Japonica	NA			OsR498G0204960100.01.T01	
augustus-5-processed-gene-35.37-mRNA-1	Japonica	NA		Os05g0160300	OsR498G05097788400.01.T01	AAI domain-containing protein (Fragment)
augustus-5-processed-gene-36.27-mRNA-1	Japonica	NA		Os05g0163300	OsR498G0509798800.01.T02	FAS1 domain-containing protein (Fragment)
augustus-5-processed-gene-39.57-mRNA-1	Japonica	NA		Os05g0168500	OsR498G0509820600.01.T01	Transmembrane 9 superfamily member
augustus-5-processed-gene-46.7-mRNA-1	Japonica	NA		Os05g0177500	OsR498G0509850800.01.T01	Glycosyltransferase
augustus-5-processed-gene-47.20-mRNA-1	Japonica	NA	LRR-TM	Os05g0180300	OsR498G0509866000.01.T01	Leucine-rich repeat extensin-like protein 3
augustus-5-processed-gene-49.36-mRNA-1	Japonica	NA			OsR498G0306050700.01.T01	Transposon protein, putative, Mutator sub-class
augustus-5-processed-gene-5.23-mRNA-1	Japonica	Japonica		Os05g0109100	OsR498G0509581600.01.T01	
augustus-5-processed-gene-5.3-mRNA-1	Japonica	NA	CC-Kinase	Os05g0108300	OsR498G0509579900.01.T01	Non-specific serine/threonine protein kinase
augustus-5-processed-gene-6.47-mRNA-1	Japonica	NA		Os05g0110400		Scarecrow-like protein 9 isoform A
augustus-5-processed-gene-67.2-mRNA-1	Japonica	NA		Os05g0209000		
augustus-5-processed-gene-67.20-mRNA-1	Japonica	NA		Os05g0209300	OsR498G0509996000.01.T01	E3 ubiquitin-protein ligase ATL9
augustus-5-processed-gene-68.23-mRNA-1	Japonica	NA		Os02g0711400	OsR498G1220919400.01.T01	RING-type domain-containing protein
augustus-5-processed-gene-69.16-mRNA-1	Japonica	NA		Os05g0212900	OsR498G0510009000.01.T01	Chalcone and stilbene synthases, N-terminal domain containing protein
augustus-5-processed-gene-7.13-mRNA-1	Japonica	NA		Os05g0112750	OsR498G0509596200.01.T01	Embryo defective
augustus-5-processed-gene-7.14-mRNA-1	Japonica	NA		Os05g0112800	OsR498G0509596400.01.T01	cysteine-rich repeat secretory protein 55
augustus-5-processed-gene-75.3-mRNA-1	Japonica	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class
augustus-5-processed-gene-82.16-mRNA-1	Japonica	NA		Os05g0233900		
augustus-5-processed-gene-85.45-mRNA-1	Japonica	NA		Os05g0238400	OsR498G0510112800.01.T01	Glycine-rich protein family
augustus-5-processed-gene-85.47-mRNA-1	Japonica	NA		Os05g0239150		Zinc finger BED domain-containing protein DAYSLEEPER
augustus-5-processed-gene-86.37-mRNA-1	Japonica	NA			OsR498G0203809100.01.T01	DUF834 domain-containing protein
augustus-5-processed-gene-87.38-mRNA-1	Japonica	NA		Os05g0242600	OsR498G0510126400.01.T01	
augustus-5-processed-gene-87.40-mRNA-1	Japonica	NA				
augustus-5-processed-gene-89.36-mRNA-1	Japonica	NA			OsR498G0510294600.01.T01	Zinc knuckle containing protein-like
augustus-5-processed-gene-89.48-mRNA-1	Japonica	NA		Os05g0247100	OsR498G0510133000.01.T02	Xylanase inhibitor protein XIP
augustus-5-processed-gene-9.33-mRNA-1	Japonica	Indica		Os10g0326400	OsR498G0509612600.01.T01	F-box domain containing protein, expressed
augustus-5-processed-gene-9.9-mRNA-1	Japonica	NA		Os05g0116600	OsR498G0509609000.01.T01	F-box protein interaction domain containing protein
augustus-5-processed-gene-92.27-mRNA-1	Japonica	Japonica		Os05g0251200	OsR498G0510143400.01.T01	DUF1618 domain-containing protein (Fragment)
augustus-5-processed-gene-92.6-mRNA-1	Japonica	NA			OsR498G0510148400.01.T01	
augustus-5-processed-gene-94.24-mRNA-1	Japonica	NA			OsR498G0510162000.01.T01	
augustus-5-processed-gene-95.48-mRNA-1	Japonica	NA		Os05g0256033		
augustus-5-processed-gene-96.25-mRNA-1	Japonica	Indica		Os05g0360900	OsR498G0510171400.01.T01	
augustus-6-processed-gene-106.26-mRNA-1	Japonica	NA			OsR498G0612182100.01.T01	Embryogenesis transmembrane protein-like
augustus-6-processed-gene-112.27-mRNA-1	Japonica	NA		Os06g0305200	OsR498G0612219700.01.T01	Nuclear pore complex protein NUP155

augustus-6-processed-gene-120.40-mRNA-1	Japonica	NA		Os06g0318200	OsR498G0612270500.01.T03	BTB/POZ domain-containing protein At2g04740
augustus-6-processed-gene-124.5-mRNA-1	Japonica	Indica		Os02g0716800	OsR498G0612283100.01.T01	Peptide transporter PTR1
augustus-6-processed-gene-134.19-mRNA-1	Japonica	NA			OsR498G0612526300.01.T01	Putative K domain-containing protein
augustus-6-processed-gene-155.34-mRNA-1	Japonica	NA			OsR498G0612423700.01.T01	
augustus-6-processed-gene-159.6-mRNA-1	Japonica	NA		Os06g0475800		
augustus-6-processed-gene-164.11-mRNA-1	Japonica	NA				Retrotransposon protein, putative, LINE subclass
augustus-6-processed-gene-171.32-mRNA-1	Japonica	Indica		Os06g0494400	OsR498G0612327800.01.T02	Protein DETOXIFICATION
augustus-6-processed-gene-172.17-mRNA-1	Japonica	NA			OsR498G0612323800.01.T01	Transcription factor bHLH83
augustus-6-processed-gene-174.0-mRNA-1	Japonica	NA			OsR498G0713993600.01.T01	Putative zinc finger, CCHC-type
augustus-6-processed-gene-189.9-mRNA-1	Japonica	NA		Os01g0387333	OsR498G0815569700.01.T02	
augustus-6-processed-gene-222.28-mRNA-1	Japonica	NA				DDE Tnp4 domain-containing protein (Fragment)
augustus-6-processed-gene-245.23-mRNA-1	Japonica	NA				Retrotransposon protein, putative, unclassified, expressed
augustus-6-processed-gene-255.29-mRNA-1	Japonica	NA		Os12g0468900	OsR498G0916869000.01.T01	Cell wall protein-like
augustus-6-processed-gene-256.35-mRNA-1	Japonica	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class, expressed
augustus-6-processed-gene-260.26-mRNA-1	Japonica	NA		Os06g0636300	OsR498G0613025400.01.T02	Ubiquitin-specific protease family C19-related protein
augustus-6-processed-gene-288.73-mRNA-1	Japonica	NA		Os06g0687000	OsR498G0613209600.01.T01	Regulator of Vps4 activity in the MVB pathway protein
augustus-6-processed-gene-291.18-mRNA-1	Japonica	NA	Kinase-TM	Os06g0693200	OsR498G0613227500.01.T01	probable receptor-like serine/threonine-protein kinase At5g57670
augustus-6-processed-gene-4.32-mRNA-1	Japonica	NA		Os06g0106100	OsR498G0611480000.01.T01	Pre-mRNA-splicing factor Cwf15/Cwc15
augustus-6-processed-gene-5.13-mRNA-1	Japonica	NA				
augustus-6-processed-gene-76.24-mRNA-1	Japonica	Indica		Os06g0244000	OsR498G0611978800.01.T01	Anthranilate O-methyltransferase 2
augustus-6-processed-gene-86.24-mRNA-1	Japonica	NA			OsR498G0306743300.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus-6-processed-gene-93.17-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os06g0274500	OsR498G0612087700.01.T01	Putative somatic embryogenesis protein kinase 1
augustus-7-processed-gene-100.22-mRNA-1	Japonica	Japonica		Os07g0277400	OsR498G1221660800.01.T01	FBD domain-containing protein (Fragment)
augustus-7-processed-gene-103.25-mRNA-1	Japonica	NA		Os07g0281200	OsR498G0713993200.01.T01	
augustus-7-processed-gene-104.13-mRNA-1	Japonica	NA	Kinase-TM	Os07g0283050	OsR498G0713999000.01.T01	Putative receptor-type protein kinase LRK1
augustus-7-processed-gene-108.12-mRNA-1	Japonica	NA				ABC transporter domain-containing protein
augustus-7-processed-gene-109.15-mRNA-1	Japonica	Indica		Os07g0290200	OsR498G0714023700.01.T01	AAI domain-containing protein
augustus-7-processed-gene-109.21-mRNA-1	Japonica	Indica		Os01g0860500	OsR498G0714025000.01.T01	Endo-beta-N-acetylglucosaminidase
augustus-7-processed-gene-109.35-mRNA-1	Japonica	NA		Os07g0291100	OsR498G0714026000.01.T01	Transport protein particle (TRAPP) complex subunit
augustus-7-processed-gene-113.19-mRNA-1	Japonica	NA		Os07g0297300	OsR498G0714043200.01.T03	Methyltransferase-like protein 17, mitochondrial
augustus-7-processed-gene-114.19-mRNA-1	Japonica	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class, expressed
augustus-7-processed-gene-115.10-mRNA-1	Japonica	NA				Cell wall protein-like
augustus-7-processed-gene-116.5-mRNA-1	Japonica	NA		Os07g0302100	OsR498G0714058400.01.T01	Non-specific serine/threonine protein kinase (Fragment)
augustus-7-processed-gene-123.1-mRNA-1	Japonica	NA		Os07g0407900	OsR498G0714077500.01.T01	DUF679 domain membrane protein 7
augustus-7-processed-gene-124.34-mRNA-1	Japonica	NA		Os07g0409400	OsR498G0714085000.01.T05	Transcription termination factor MTEF18, mitochondrial
augustus-7-processed-gene-124.37-mRNA-1	Japonica	NA		Os07g0409500	OsR498G0714085700.01.T01	Skp1 domain-containing protein
augustus-7-processed-gene-125.1-mRNA-1	Japonica	NA		Os07g0410700	OsR498G0714091600.01.T01	Ethylene-responsive transcription factor 15
augustus-7-processed-gene-127.1-mRNA-1	Japonica	NA		Os07g0414000	OsR498G0714098100.01.T01	Anthocyanin 5-aromatic acyltransferase
augustus-7-processed-gene-127.20-mRNA-1	Japonica	NA		Os07g0415200	OsR498G0714100900.01.T01	Putative mitochondrial ribosomal protein L23
augustus-7-processed-gene-128.21-mRNA-1	Japonica	NA		Os07g0417200	OsR498G0714108300.01.T01	Omega-6 fatty acid desaturase, endoplasmic reticulum isozyme 2
augustus-7-processed-gene-128.31-mRNA-1	Japonica	NA		Os07g0416900	OsR498G0714107400.01.T02	Omega-6 fatty acid desaturase, endoplasmic reticulum isozyme 2
augustus-7-processed-gene-129.18-mRNA-1	Japonica	NA		Os07g0417600	OsR498G0714110200.01.T01	Thaumatococcus-like protein 1 isoform B
augustus-7-processed-gene-130.12-mRNA-1	Japonica	NA		Os07g0418600	OsR498G0714114600.01.T01	Proline and lysine rich protein
augustus-7-processed-gene-130.17-mRNA-1	Japonica	Indica		Os04g0131900	OsR498G0714118700.01.T07	Sterol 3-beta-glucosyltransferase 1
augustus-7-processed-gene-130.25-mRNA-1	Japonica	Japonica		Os07g0418500	OsR498G0714820100.01.T01	Secologanin synthase
augustus-7-processed-gene-130.28-mRNA-1	Japonica	Indica		Os07g0419800	OsR498G0714121200.01.T03	C2H2-type domain-containing protein
augustus-7-processed-gene-130.6-mRNA-1	Japonica	Japonica		Os07g0418700	OsR498G0714114600.01.T01	Early nodulin 75 protein
augustus-7-processed-gene-131.27-mRNA-1	Japonica	NA		Os07g0421000	OsR498G0714126600.01.T02	Monogalactosyldiacylglycerol synthase
augustus-7-processed-gene-131.8-mRNA-1	Japonica	Indica		Os11g0701800	OsR498G0714121900.01.T01	Acidic endochitinase
augustus-7-processed-gene-132.14-mRNA-1	Japonica	Japonica		Os07g0421300	OsR498G0714125300.01.T05	Heteroglycan glucosidase 1
augustus-7-processed-gene-133.14-mRNA-1	Japonica	NA		Os07g0423000	OsR498G0714131800.01.T03	Polyubiquitin
augustus-7-processed-gene-133.20-mRNA-1	Japonica	NA			OsR498G0510760300.01.T01	
augustus-7-processed-gene-134.22-mRNA-1	Japonica	NA			OsR498G0714140800.01.T01	
augustus-7-processed-gene-141.26-mRNA-1	Japonica	NA			OsR498G0714153600.01.T01	Tetratricopeptide repeat (TPR)-like superfamily protein
augustus-7-processed-gene-142.18-mRNA-1	Japonica	Japonica		Os07g0436600	OsR498G0714158500.01.T05	Selenium-binding protein-like
augustus-7-processed-gene-142.19-mRNA-1	Japonica	NA		Os07g0436700		
augustus-7-processed-gene-142.27-mRNA-1	Japonica	NA		Os07g0437000	OsR498G0714159000.01.T02	Flavin-containing monooxygenase
augustus-7-processed-gene-142.9-mRNA-1	Japonica	NA		Os07g0435900	OsR498G0714156900.01.T02	Histone-lysine N-methyltransferase family member SUVH9
augustus-7-processed-gene-143.0-mRNA-1	Japonica	NA		Os01g0293600		zinc finger MYM-type protein 1-like
augustus-7-processed-gene-143.5-mRNA-1	Japonica	NA		Os07g0437500	OsR498G0714162100.01.T05	Aromatic-L-amino-acid/L-histidine decarboxylase
augustus-7-processed-gene-144.23-mRNA-1	Japonica	NA			OsR498G0714169700.01.T01	DUF295 domain-containing protein

augustus-7-processed-gene-144.41-mRNA-1	Japonica	NA		Os07g0440100	OsR498G0714170000.01.T03	glycine-rich cell wall structural protein 1
augustus-7-processed-gene-146.14-mRNA-1	Japonica	Indica		Os07g0443500	OsR498G0714178700.01.T01	SANT domain-containing protein
augustus-7-processed-gene-149.7-mRNA-1	Japonica	Japonica		Os07g0446800	OsR498G0509895600.01.T01	Phosphotransferase
augustus-7-processed-gene-152.4-mRNA-1	Japonica	NA			OsR498G0713980300.01.T01	
augustus-7-processed-gene-152.6-mRNA-1	Japonica	Japonica		Os07g0451300	OsR498G0714197900.01.T01	
augustus-7-processed-gene-155.2-mRNA-1	Japonica	NA			OsR498G0100075100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-7-processed-gene-155.23-mRNA-1	Japonica	NA		Os07g0456900	OsR498G0714218600.01.T01	NAC domain-containing protein (Fragment)
augustus-7-processed-gene-156.20-mRNA-1	Japonica	Indica		Os07g0457400	OsR498G0714219900.01.T01	
augustus-7-processed-gene-158.9-mRNA-1	Japonica	Japonica		Os07g0460100	OsR498G0509914200.01.T01	Stem 28 kDa glycoprotein
augustus-7-processed-gene-159.35-mRNA-1	Japonica	NA		Os05g0129000	OsR498G0714240400.01.T04	Glutamate--cysteine ligase B, chloroplastic
augustus-7-processed-gene-165.21-mRNA-1	Japonica	NA		Os07g0251301		60s acidic ribosomal protein domain-containing protein
augustus-7-processed-gene-165.32-mRNA-1	Japonica	NA		Os07g0470400	OsR498G0714265800.01.T02	
augustus-7-processed-gene-169.15-mRNA-1	Japonica	NA		Os07g0475700	OsR498G0714287500.01.T01	Auxin-responsive protein SAUR61
augustus-7-processed-gene-170.35-mRNA-1	Japonica	NA		Os07g0477500	OsR498G0714295500.01.T01	zinc finger CCCH domain-containing protein 13-like isoform X2
augustus-7-processed-gene-171.13-mRNA-1	Japonica	NA		Os03g0204201	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-7-processed-gene-174.27-mRNA-1	Japonica	NA		Os07g0483500	OsR498G0714312400.01.T04	FT-interacting protein 1
augustus-7-processed-gene-175.13-mRNA-1	Japonica	NA		Os07g0485000	OsR498G0714317500.01.T02	Trehalose 6-phosphate phosphatase
augustus-7-processed-gene-175.9-mRNA-1	Japonica	NA		Os07g0484500	OsR498G0714315500.01.T02	Spindle and kinetochore-associated protein 1
augustus-7-processed-gene-177.15-mRNA-1	Japonica	Japonica		Os07g0487100	OsR498G0714323900.01.T01	Glycosyltransferase
augustus-7-processed-gene-191.1-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-7-processed-gene-193.35-mRNA-1	Japonica	NA		Os07g0513000		ATP synthase gamma chain like
augustus-7-processed-gene-193.51-mRNA-1	Japonica	NA		Os07g0513200	OsR498G0714418200.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
augustus-7-processed-gene-201.21-mRNA-1	Japonica	NA			OsR498G0714474500.01.T01	
augustus-7-processed-gene-204.30-mRNA-1	Japonica	NA		Os07g0532800		Peptidase A1 domain-containing protein (Fragment)
augustus-7-processed-gene-204.8-mRNA-1	Japonica	NA				Putative ankyrin repeat-containing domain, PGD domain-containing protein
augustus-7-processed-gene-209.52-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-7-processed-gene-21.26-mRNA-1	Japonica	Japonica		Os07g0148600	OsR498G1221267000.01.T01	Sulfotransferase
augustus-7-processed-gene-21.29-mRNA-1	Japonica	NA			OsR498G0511146000.01.T01	
augustus-7-processed-gene-21.6-mRNA-1	Japonica	NA	Kinase-TM	Os07g0147600	OsR498G0713511000.01.T02	Mitogen-activated protein kinase kinase kinase
augustus-7-processed-gene-210.26-mRNA-1	Japonica	Indica		Os07g0542400	OsR498G0714520000.01.T02	Cysteine-rich receptor-like protein kinase 15
augustus-7-processed-gene-211.28-mRNA-1	Japonica	Japonica		Os07g0543600	OsR498G0714523900.01.T01	Strictosidine synthase 1
augustus-7-processed-gene-212.0-mRNA-1	Japonica	NA		Os07g0545800	OsR498G0714527300.01.T01	Chitin-inducible gibberellin-responsive protein 1
augustus-7-processed-gene-212.12-mRNA-1	Japonica	Indica		Os07g0546400	OsR498G0714529100.01.T04	NPH3 domain-containing protein (Fragment)
augustus-7-processed-gene-212.25-mRNA-1	Japonica	NA		Os11g0433800		Ribosomal protein-like
augustus-7-processed-gene-213.14-mRNA-1	Japonica	Indica		Os07g0548500	OsR498G0714534100.01.T01	
augustus-7-processed-gene-213.24-mRNA-1	Japonica	Japonica		Os07g0548000	OsR498G0714534100.01.T01	FBD domain-containing protein
augustus-7-processed-gene-214.34-mRNA-1	Japonica	NA			OsR498G0714536900.01.T01	Vacuolar ATP synthase subunit h
augustus-7-processed-gene-214.36-mRNA-1	Japonica	NA		Os07g0549900	OsR498G0714537700.01.T01	Multifunctional fusion protein
augustus-7-processed-gene-214.43-mRNA-1	Japonica	NA		Os07g0549100		Transmembrane protein, putative
augustus-7-processed-gene-214.51-mRNA-1	Japonica	NA			OsR498G0714537900.01.T01	
augustus-7-processed-gene-216.21-mRNA-1	Japonica	NA			OsR498G0714551300.01.T01	RNA helicase
augustus-7-processed-gene-216.24-mRNA-1	Japonica	NA			OsR498G0714552500.01.T01	F-box domain-containing protein
augustus-7-processed-gene-216.33-mRNA-1	Japonica	NA	Kinase-TM	Os07g0553633	OsR498G0714550000.01.T01	Non-specific serine/threonine protein kinase (Fragment)
augustus-7-processed-gene-219.36-mRNA-1	Japonica	Indica		Os07g0559100	OsR498G0714569500.01.T01	
augustus-7-processed-gene-220.17-mRNA-1	Japonica	NA		Os07g0562400	OsR498G0714577900.01.T01	Organic cation/carnitine transporter 2
augustus-7-processed-gene-220.6-mRNA-1	Japonica	NA			OsR498G0714573400.01.T01	WAS/WASL-interacting protein family member 3-like
augustus-7-processed-gene-222.3-mRNA-1	Japonica	NA				Glycine-rich rna-binding protein
augustus-7-processed-gene-222.32-mRNA-1	Japonica	Indica		Os07g0564200	OsR498G0714585000.01.T01	Tyrosine-protein kinase receptor UFO like
augustus-7-processed-gene-223.11-mRNA-1	Japonica	NA			OsR498G0714591300.01.T01	F-box domain-containing protein
augustus-7-processed-gene-223.21-mRNA-1	Japonica	NA		Os07g0565800	OsR498G0714589800.01.T01	
augustus-7-processed-gene-223.6-mRNA-1	Japonica	NA		Os04g0613400	OsR498G0714587700.01.T03	Cell differentiation protein rcd1
augustus-7-processed-gene-224.10-mRNA-1	Japonica	NA		Os07g0567000	OsR498G0714593500.01.T01	Exostosin domain-containing protein (Fragment)
augustus-7-processed-gene-224.15-mRNA-1	Japonica	NA			OsR498G0714594900.01.T02	Scarecrow-like protein 23
augustus-7-processed-gene-224.26-mRNA-1	Japonica	NA		Os07g0566500	OsR498G0714592800.01.T01	NAC transcription factor
augustus-7-processed-gene-225.12-mRNA-1	Japonica	NA		Os07g0568450		
augustus-7-processed-gene-225.2-mRNA-1	Japonica	NA		Os07g0568300	OsR498G0714596900.01.T03	Zinc finger CCCH domain-containing protein 50
augustus-7-processed-gene-225.23-mRNA-1	Japonica	NA		Os07g0568800		
augustus-7-processed-gene-226.0-mRNA-1	Japonica	NA		Os07g0569500	OsR498G0714601500.01.T01	Protein-lysine N-methyltransferase rrg1 (Fragment)
augustus-7-processed-gene-226.3-mRNA-1	Japonica	Japonica	Kinase-TM	Os07g0569800	OsR498G0714602900.01.T01	L-type lectin-domain containing receptor kinase IX.1
augustus-7-processed-gene-229.3-mRNA-1	Japonica	NA		Os07g0573200	OsR498G0714613300.01.T01	Adenylyl-sulfate kinase
augustus-7-processed-gene-23.2-mRNA-1	Japonica	Indica		Os04g0393500	OsR498G0713525100.01.T01	Glutaredoxin

augustus-7-processed-gene-230.20-mRNA-1	Japonica	NA		Os07g0575401		
augustus-7-processed-gene-230.22-mRNA-1	Japonica	NA			OsR498G0714619600.01.T01	Ethylene-responsive transcription factor
augustus-7-processed-gene-230.27-mRNA-1	Japonica	NA	Kinase-TM	Os07g0575600	OsR498G0714620600.01.T01	Putative receptor-type protein kinase LRK1
augustus-7-processed-gene-230.37-mRNA-1	Japonica	NA		Os07g0576100	OsR498G0714622300.01.T01	Indole-3-acetic acid amido synthetase
augustus-7-processed-gene-230.47-mRNA-1	Japonica	NA	Kinase-TM	Os07g0575700	OsR498G0714621000.01.T01	Lectin receptor-type kinase
augustus-7-processed-gene-230.48-mRNA-1	Japonica	Indica	Kinase-TM	Os07g0575600	OsR498G0714621200.01.T01	Lectin receptor-type kinase
augustus-7-processed-gene-231.28-mRNA-1	Japonica	NA		Os07g0578300		Subtilisin-like protease
augustus-7-processed-gene-232.34-mRNA-1	Japonica	NA		Os07g0578700		
augustus-7-processed-gene-233.32-mRNA-1	Japonica	NA		Os07g0583000	OsR498G0714642400.01.T01	Stress-associated endoplasmic reticulum protein 2
augustus-7-processed-gene-234.40-mRNA-1	Japonica	NA		Os07g0583600	OsR498G0714645900.01.T01	Chitin-inducible gibberellin-responsive protein 2
augustus-7-processed-gene-235.37-mRNA-1	Japonica	NA		Os07g0585100	OsR498G0714651700.01.T02	Proteinase inhibitor I25, cystatin
augustus-7-processed-gene-235.43-mRNA-1	Japonica	NA		Os07g0585700	OsR498G0714655100.01.T01	
augustus-7-processed-gene-235.56-mRNA-1	Japonica	Indica		Os03g0431200	OsR498G0714654200.01.T02	Amino-acid N-acetyltransferase
augustus-7-processed-gene-236.17-mRNA-1	Japonica	NA		Os07g0587000		F-box domain-containing protein
augustus-7-processed-gene-236.18-mRNA-1	Japonica	Indica		Os07g0587500	OsR498G0714665300.01.T01	U-box domain-containing protein 4
augustus-7-processed-gene-236.25-mRNA-1	Japonica	NA		Os07g0587300		
augustus-7-processed-gene-236.26-mRNA-1	Japonica	NA		Os07g0587400	OsR498G0714664800.01.T03	Eukaryotic peptide chain release factor subunit 1
augustus-7-processed-gene-236.9-mRNA-1	Japonica	NA		Os07g0586600	OsR498G0714658200.01.T01	GIY-YIG domain-containing protein
augustus-7-processed-gene-237.10-mRNA-1	Japonica	Japonica		Os07g0588600	OsR498G0714669700.01.T01	Zinc finger protein 1
augustus-7-processed-gene-237.12-mRNA-1	Japonica	Japonica		Os07g0588700	OsR498G0714669700.01.T01	C2H2-type zinc finger transcription factor
augustus-7-processed-gene-237.13-mRNA-1	Japonica	NA		Os07g0588800	OsR498G0714670300.01.T04	Queuosine salvage protein (Fragment)
augustus-7-processed-gene-237.17-mRNA-1	Japonica	NA		Os07g0589200	OsR498G0714672500.01.T01	Scarecrow transcription factor family protein
augustus-7-processed-gene-238.25-mRNA-1	Japonica	NA		Os07g0589600	OsR498G0714673400.01.T01	Zinc finger CCCH domain-containing protein 18
augustus-7-processed-gene-238.31-mRNA-1	Japonica	NA		Os07g0590100	OsR498G0714674100.01.T01	Zinc finger protein 1
augustus-7-processed-gene-238.32-mRNA-1	Japonica	Japonica		Os07g0590600	OsR498G0714675900.01.T01	Pentatricopeptide repeat-containing protein (Fragment)
augustus-7-processed-gene-238.48-mRNA-1	Japonica	NA			OsR498G0714676400.01.T01	Transcriptional regulatory protein algP
augustus-7-processed-gene-239.59-mRNA-1	Japonica	NA			OsR498G0714685600.01.T01	RING-type E3 ubiquitin transferase
augustus-7-processed-gene-239.62-mRNA-1	Japonica	NA				tRNA/rRNA methyltransferase (SpoU) family protein
augustus-7-processed-gene-240.2-mRNA-1	Japonica	NA			OsR498G0714690900.01.T01	Son of sevenless
augustus-7-processed-gene-243.15-mRNA-1	Japonica	NA		Os07g0601600	OsR498G0714710500.01.T01	3-oxo-Delta(45)-steroid 5-beta-reductase
augustus-7-processed-gene-243.4-mRNA-1	Japonica	NA			OsR498G0100073600.01.T01	RNA binding protein
augustus-7-processed-gene-245.12-mRNA-1	Japonica	NA		Os07g0604700	OsR498G0714724300.01.T01	NADH-ubiquinone reductase complex 1 MLRQ subunit
augustus-7-processed-gene-245.24-mRNA-1	Japonica	NA		Os07g0604500	OsR498G0714723800.01.T02	Mitochondrial inner membrane translocase complex, subunit Tim
augustus-7-processed-gene-245.3-mRNA-1	Japonica	NA		Os07g0603900	OsR498G0714721300.01.T03	Pentatricopeptide repeat
augustus-7-processed-gene-246.18-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-7-processed-gene-246.22-mRNA-1	Japonica	NA		Os07g0605800	OsR498G0714728400.01.T01	Sulfotransferase
augustus-7-processed-gene-246.5-mRNA-1	Japonica	NA		Os07g0605200	OsR498G0714725500.01.T04	MADS-box transcription factor CDM41
augustus-7-processed-gene-246.7-mRNA-1	Japonica	Indica		Os07g0605900	OsR498G0714726500.01.T01	Protein EGG APPARATUS-1
augustus-7-processed-gene-247.10-mRNA-1	Japonica	NA		Os07g0606600	OsR498G0714730000.01.T02	Nuclear transcription factor Y subunit B
augustus-7-processed-gene-247.18-mRNA-1	Japonica	NA			OsR498G0714733100.01.T01	BAH domain-containing protein
augustus-7-processed-gene-247.2-mRNA-1	Japonica	NA		Os07g0606800	OsR498G0714731100.01.T01	Gibberellin receptor GID1L2
augustus-7-processed-gene-247.23-mRNA-1	Japonica	NA		Os07g0608100	OsR498G0714734900.01.T01	Putative 6,7-dimethyl-8-ribityllumazine synthase-like
augustus-7-processed-gene-247.33-mRNA-1	Japonica	NA		Os07g0607200	OsR498G0714733000.01.T01	
augustus-7-processed-gene-247.6-mRNA-1	Japonica	Indica		Os10g0190100	OsR498G0714729200.01.T01	Sulfotransferase
augustus-7-processed-gene-248.17-mRNA-1	Japonica	Japonica		Os07g0609000	OsR498G0714737500.01.T05	Stress-response A/B barrel domain-containing protein UP3
augustus-7-processed-gene-249.33-mRNA-1	Japonica	NA		Os07g0611500	OsR498G0714740700.01.T01	CHP-rich zinc finger protein-like
augustus-7-processed-gene-250.37-mRNA-1	Japonica	Japonica		Os07g0611700	OsR498G0714741500.01.T02	
augustus-7-processed-gene-252.0-mRNA-1	Japonica	Indica		Os07g0616500	OsR498G0714756300.01.T02	(S)-2-hydroxy-acid oxidase
augustus-7-processed-gene-252.16-mRNA-1	Japonica	NA			OsR498G0510294600.01.T01	Zinc knuckle containing protein-like
augustus-7-processed-gene-252.20-mRNA-1	Japonica	NA			OsR498G0714763000.01.T01	RING-H2 finger protein ATL3
augustus-7-processed-gene-252.7-mRNA-1	Japonica	NA		Os07g0617100	OsR498G0714759700.01.T01	
augustus-7-processed-gene-253.19-mRNA-1	Japonica	NA		Os07g0619500	OsR498G0714766900.01.T01	Hormone receptor 4 like
augustus-7-processed-gene-254.35-mRNA-1	Japonica	NA			OsR498G0714769900.01.T01	Putative caltractin
augustus-7-processed-gene-254.36-mRNA-1	Japonica	NA		Os07g0620200	OsR498G0714770300.01.T01	AT hook-containing MAR binding 1-like protein (Fragment)
augustus-7-processed-gene-254.45-mRNA-1	Japonica	NA		Os07g0620600		AP-3 complex subunit mu like
augustus-7-processed-gene-254.46-mRNA-1	Japonica	Japonica		Os07g0621100	OsR498G0714772900.01.T01	Pentatricopeptide repeat-containing protein
augustus-7-processed-gene-254.61-mRNA-1	Japonica	NA		Os07g0621800	OsR498G0714774200.01.T01	Alcohol dehydrogenase superfamily, zinc-type
augustus-7-processed-gene-255.1-mRNA-1	Japonica	NA		Os07g0622100	OsR498G0714775300.01.T01	40S ribosomal protein S6
augustus-7-processed-gene-255.14-mRNA-1	Japonica	NA		Os07g0622700	OsR498G0714778400.01.T01	2-hydroxy-6-oxononadienedioate/2-hydroxy-6-oxononatrienedioate hydrolase
augustus-7-processed-gene-255.15-mRNA-1	Japonica	NA		Os07g0622900	OsR498G0714778600.01.T01	Peptidase
augustus-7-processed-gene-256.33-mRNA-1	Japonica	Indica		Os07g0625500	OsR498G0714786700.01.T01	AIF-MLS domain-containing protein

augustus-7-processed-gene-256.48-mRNA-1	Japonica	NA			OsR498G0714782600.01.T01	VQ motif family protein, expressed
augustus-7-processed-gene-257.19-mRNA-1	Japonica	NA			OsR498G0714792900.01.T01	4-alpha-glucanotransferase
augustus-7-processed-gene-257.36-mRNA-1	Japonica	Indica		Os07g0626800	OsR498G0714792000.01.T01	15-cis-phytoene desaturase, chloroplastic/chromoplastic
augustus-7-processed-gene-259.23-mRNA-1	Japonica	NA		Os07g0631700	OsR498G0714808300.01.T02	Putative calcium-binding protein CML45
augustus-7-processed-gene-259.31-mRNA-1	Japonica	NA		Os07g0630800	OsR498G0714804800.01.T02	Malate dehydrogenase
augustus-7-processed-gene-259.36-mRNA-1	Japonica	NA		Os02g0212975	OsR498G0305421900.01.T01	
augustus-7-processed-gene-260.3-mRNA-1	Japonica	NA		Os07g0632600	OsR498G0714810500.01.T03	J domain-containing protein
augustus-7-processed-gene-260.35-mRNA-1	Japonica	NA		Os07g0633600	OsR498G0714814400.01.T01	O-fucosyltransferase family protein
augustus-7-processed-gene-261.41-mRNA-1	Japonica	NA		Os07g0635300	OsR498G0714820500.01.T01	Secologanin synthase
augustus-7-processed-gene-261.57-mRNA-1	Japonica	NA		Os07g0636000	OsR498G0714822200.01.T01	PUA domain-containing protein (Fragment)
augustus-7-processed-gene-262.45-mRNA-1	Japonica	NA		Os07g0636400	OsR498G0714824300.01.T01	50S ribosomal protein like
augustus-7-processed-gene-263.0-mRNA-1	Japonica	Japonica		Os07g0637700	OsR498G0714825200.01.T01	Zinc finger Ran-binding domain-containing protein 3
augustus-7-processed-gene-263.10-mRNA-1	Japonica	NA		Os07g0638300	OsR498G0714830900.01.T01	Peroxioredoxin
augustus-7-processed-gene-263.33-mRNA-1	Japonica	Japonica		Os07g0638600	OsR498G0714833300.01.T01	Peroxidase
augustus-7-processed-gene-263.8-mRNA-1	Japonica	NA		Os07g0638100	OsR498G0714830500.01.T01	TolB protein-related
augustus-7-processed-gene-264.74-mRNA-1	Japonica	NA		Os07g0639400	OsR498G0714834500.01.T01	Peroxidase
augustus-7-processed-gene-264.97-mRNA-1	Japonica	NA		Os07g0641700	OsR498G0714840300.01.T01	Chaperonin, mitochondrial
augustus-7-processed-gene-265.14-mRNA-1	Japonica	Japonica		Os07g0643000	OsR498G0714846000.01.T01	probable carboxylesterase 18
augustus-7-processed-gene-265.15-mRNA-1	Japonica	Japonica		Os07g0643800	OsR498G0714825200.01.T01	Zinc finger Ran-binding domain-containing protein 3
augustus-7-processed-gene-265.23-mRNA-1	Japonica	NA		Os07g0643100	OsR498G0714846000.01.T01	Putative carboxylesterase 18
augustus-7-processed-gene-265.27-mRNA-1	Japonica	NA		Os07g0643400	OsR498G0714846800.01.T01	Putative carboxylesterase 18
augustus-7-processed-gene-265.6-mRNA-1	Japonica	NA				ATP-dependent DNA helicase
augustus-7-processed-gene-266.21-mRNA-1	Japonica	NA		Os01g0304500	OsR498G0100876000.01.T01	Transposon protein, putative, Mutator sub-class
augustus-7-processed-gene-267.21-mRNA-1	Japonica	Indica		Os07g0646300	OsR498G0714855400.01.T01	
augustus-7-processed-gene-267.5-mRNA-1	Japonica	Indica		Os07g0645300	OsR498G0714853500.01.T01	DUF679 domain membrane protein 2
augustus-7-processed-gene-268.75-mRNA-1	Japonica	NA		Os07g0647400	OsR498G0714863900.01.T01	BSD domain-containing protein 1
augustus-7-processed-gene-269.14-mRNA-1	Japonica	Japonica		Os07g0649300	OsR498G0714870700.01.T01	
augustus-7-processed-gene-269.29-mRNA-1	Japonica	NA		Os05g0412300		
augustus-7-processed-gene-274.58-mRNA-1	Japonica	NA		Os07g0656400	OsR498G0714881300.01.T02	Putative glycosyltransferase STELLO1
augustus-7-processed-gene-274.70-mRNA-1	Japonica	NA			OsR498G0714881200.01.T01	Glycosyl hydrolase superfamily protein
augustus-7-processed-gene-275.51-mRNA-1	Japonica	NA		Os07g0657400	OsR498G0714885700.01.T01	EGF domain-specific O-linked N-acetylglucosamine transferase
augustus-7-processed-gene-275.60-mRNA-1	Japonica	NA		Os07g0658300	OsR498G0714887700.01.T04	Pleckstrin homology (PH) domain-containing protein-like
augustus-7-processed-gene-275.66-mRNA-1	Japonica	NA			OsR498G0714887200.01.T03	Signal recognition particle SEC65 subunit
augustus-7-processed-gene-275.71-mRNA-1	Japonica	NA		Os07g0658700	OsR498G0714888800.01.T01	Phosphatidylinositol 4-phosphate 5-kinase
augustus-7-processed-gene-277.8-mRNA-1	Japonica	NA		Os07g0661400	OsR498G0714897400.01.T03	Protein EARLY RESPONSIVE TO DEHYDRATION 15
augustus-7-processed-gene-28.12-mRNA-1	Japonica	NA		Os07g0160600	OsR498G0713564300.01.T01	Fasciclin-like arabinogalactan protein 16
augustus-7-processed-gene-280.75-mRNA-1	Japonica	NA			OsR498G0714920800.01.T01	F-box domain-containing protein
augustus-7-processed-gene-281.53-mRNA-1	Japonica	NA			OsR498G0714929500.01.T02	Cysteine-tryptophan domain-containing zinc finger protein 7
augustus-7-processed-gene-281.55-mRNA-1	Japonica	NA		Os07g0670200	OsR498G0714930300.01.T01	C2 domain-containing protein (Fragment)
augustus-7-processed-gene-281.56-mRNA-1	Japonica	NA		Os07g0670300	OsR498G0714930700.01.T01	C2 domain-containing protein (Fragment)
augustus-7-processed-gene-281.71-mRNA-1	Japonica	NA		Os07g0670000		Pentatricopeptide repeat-containing protein mitochondrial
augustus-7-processed-gene-282.50-mRNA-1	Japonica	NA		Os07g0671000	OsR498G0714931700.01.T03	Flowering-promoting factor 1-like protein 5
augustus-7-processed-gene-282.56-mRNA-1	Japonica	Japonica		Os07g0671200	OsR498G0714932400.01.T01	Pentatricopeptide repeat-containing protein
augustus-7-processed-gene-283.29-mRNA-1	Japonica	NA		Os07g0673700	OsR498G0714939900.01.T02	F-box/kelch-repeat protein SKIP6
augustus-7-processed-gene-283.41-mRNA-1	Japonica	Japonica		Os07g0673801	OsR498G0305924500.01.T01	
augustus-7-processed-gene-283.58-mRNA-1	Japonica	NA		Os07g0674700	OsR498G0714944100.01.T01	Cytoplasmic ribosomal protein L18
augustus-7-processed-gene-283.66-mRNA-1	Japonica	NA		Os07g0674300	OsR498G0714942400.01.T01	Pentatricopeptide repeat
augustus-7-processed-gene-284.1-mRNA-1	Japonica	Japonica		Os07g0675250	OsR498G0714945700.01.T01	IBB domain-containing protein
augustus-7-processed-gene-284.21-mRNA-1	Japonica	NA		Os07g0676700		Endonuclease/Exonuclease/phosphatase family protein
augustus-7-processed-gene-286.0-mRNA-1	Japonica	NA		Os07g0679200	OsR498G0714958700.01.T01	Transcription repressor
augustus-7-processed-gene-287.10-mRNA-1	Japonica	NA		Os07g0681400	OsR498G0714966300.01.T03	Probable calcium-binding protein CML32
augustus-7-processed-gene-288.49-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-7-processed-gene-288.63-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-7-processed-gene-289.31-mRNA-1	Japonica	NA		Os07g0685900	OsR498G0714985300.01.T01	Subtilisin-like protease
augustus-7-processed-gene-289.41-mRNA-1	Japonica	NA		Os07g0685700	OsR498G0714984400.01.T02	Ethylene signal transcription factor
augustus-7-processed-gene-29.24-mRNA-1	Japonica	Indica		Os07g0161900	OsR498G0713566700.01.T01	VQ motif-containing protein 8, chloroplastic
augustus-7-processed-gene-29.25-mRNA-1	Japonica	Japonica		Os07g0161900	OsR498G0713566700.01.T01	VQ domain-containing protein
augustus-7-processed-gene-29.44-mRNA-1	Japonica	NA		Os07g0162600	OsR498G0713570600.01.T01	Putative carboxylesterase 15
augustus-7-processed-gene-29.45-mRNA-1	Japonica	NA		Os07g0162700	OsR498G0713571400.01.T01	probable carboxylesterase 15
augustus-7-processed-gene-290.2-mRNA-1	Japonica	NA		Os07g0686600	OsR498G0714990300.01.T01	VQ domain-containing protein
augustus-7-processed-gene-290.20-mRNA-1	Japonica	NA		Os07g0688000	OsR498G0714994900.01.T04	Manganese-dependent ADP-ribose/CDP-alcohol diphosphatase

augustus-7-processed-gene-291.43-mRNA-1	Japonica	Indica		Os03g0311600	OsR498G0714996600.01.T01	Transcription factor bHLH149 like
augustus-7-processed-gene-292.16-mRNA-1	Japonica	NA				D-alanine--D-alanine ligase family
augustus-7-processed-gene-292.9-mRNA-1	Japonica	NA		Os07g0690900	OsR498G0715005400.01.T01	COBRA-like protein 7
augustus-7-processed-gene-293.46-mRNA-1	Japonica	NA		Os07g0692401	OsR498G0715011300.01.T01	Putative methyltransferases-like
augustus-7-processed-gene-293.48-mRNA-1	Japonica	NA		Os07g0692900	OsR498G0715011900.01.T01	E1 ubiquitin-activating enzyme
augustus-7-processed-gene-294.43-mRNA-1	Japonica	Indica		Os07g0694500	OsR498G0715018100.01.T02	PWWP domain-containing protein (Fragment)
augustus-7-processed-gene-294.52-mRNA-1	Japonica	NA		Os07g0694600	OsR498G0715018400.01.T01	Arogenate dehydratase
augustus-7-processed-gene-294.64-mRNA-1	Japonica	NA	Kinase	Os07g0695300	OsR498G0715020300.01.T01	Putative serine/threonine-protein kinase PBL7
augustus-7-processed-gene-30.1-mRNA-1	Japonica	NA				Ubiquitinyl hydrolase 1
augustus-7-processed-gene-30.9-mRNA-1	Japonica	NA		Os07g0164800	OsR498G0713577500.01.T01	PIN2/TERF1-interacting telomerase inhibitor 1
augustus-7-processed-gene-31.25-mRNA-1	Japonica	Indica		Os12g0468900	OsR498G0713579700.01.T01	Cell wall protein-like
augustus-7-processed-gene-31.28-mRNA-1	Japonica	NA		Os07g0165100	OsR498G0713578600.01.T01	FT-interacting protein 1-like protein
augustus-7-processed-gene-36.18-mRNA-1	Japonica	NA			OsR498G0713622400.01.T01	
augustus-7-processed-gene-37.14-mRNA-1	Japonica	Indica		Os07g0180300	OsR498G0713629900.01.T01	DUF4220 domain-containing protein (Fragment)
augustus-7-processed-gene-37.4-mRNA-1	Japonica	NA		Os07g0179000	OsR498G0713626300.01.T05	Pentatricopeptide repeat-containing protein, putative
augustus-7-processed-gene-41.21-mRNA-1	Japonica	NA		Os07g0185300	OsR498G0713645400.01.T01	
augustus-7-processed-gene-41.40-mRNA-1	Japonica	Japonica	Kinase-TM	Os07g0186200	OsR498G0713651200.01.T01	Non-specific serine/threonine protein kinase (Fragment)
augustus-7-processed-gene-42.1-mRNA-1	Japonica	NA	LRR-NBS-TM	Os07g0186500	OsR498G0713652100.01.T01	Disease resistance protein RPM1
augustus-7-processed-gene-43.0-mRNA-1	Japonica	NA		Os12g0484600	OsR498G0307220700.01.T01	Nodulin-like domain-containing protein (Fragment)
augustus-7-processed-gene-43.29-mRNA-1	Japonica	Japonica		Os07g0189400	OsR498G0306754100.01.T02	F-box domain-containing protein (Fragment)
augustus-7-processed-gene-44.14-mRNA-1	Japonica	NA			OsR498G0713663800.01.T01	
augustus-7-processed-gene-47.19-mRNA-1	Japonica	NA		Os07g0195300	OsR498G0713687000.01.T01	F-box domain-containing protein
augustus-7-processed-gene-48.12-mRNA-1	Japonica	NA		Os07g0196300	OsR498G0713690500.01.T01	Retrovirus-related Pol polyprotein LINE-1
augustus-7-processed-gene-48.26-mRNA-1	Japonica	Indica		Os07g0242400	OsR498G0713692900.01.T02	F-box domain-containing protein (Fragment)
augustus-7-processed-gene-48.37-mRNA-1	Japonica	Japonica		Os07g0196700	OsR498G0713691600.01.T01	NAC domain-containing protein
augustus-7-processed-gene-5.27-mRNA-1	Japonica	Indica		Os07g0117000	OsR498G0713412200.01.T02	Fusarium resistance protein I2C-5-like
augustus-7-processed-gene-50.35-mRNA-1	Japonica	NA		Os07g0201100	OsR498G0713703300.01.T01	Coatomer subunit gamma
augustus-7-processed-gene-51.1-mRNA-1	Japonica	Indica		Os07g0201500	OsR498G0713705500.01.T01	Glycosyltransferase
augustus-7-processed-gene-51.3-mRNA-1	Japonica	NA		Os07g0202000	OsR498G0713706700.01.T01	Glycosyltransferase
augustus-7-processed-gene-52.62-mRNA-1	Japonica	NA		Os07g0204500	OsR498G0713712600.01.T03	5'-nucleotidase
augustus-7-processed-gene-6.22-mRNA-1	Japonica	NA				Fusarium resistance protein I2C-5-like
augustus-7-processed-gene-6.32-mRNA-1	Japonica	Japonica		Os07g0118200	OsR498G0713415100.01.T01	NB-ARC domain-containing protein (Fragment)
augustus-7-processed-gene-6.33-mRNA-1	Japonica	Japonica		Os07g0118250	OsR498G0713423300.01.T01	NB-ARC domain-containing protein (Fragment)
augustus-7-processed-gene-60.2-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-7-processed-gene-60.3-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-7-processed-gene-61.0-mRNA-1	Japonica	NA		Os07g0217600	OsR498G0713782100.01.T01	Ent-cassadiene C2-hydroxylase
augustus-7-processed-gene-64.39-mRNA-1	Japonica	NA		Os07g0223700	OsR498G0713794900.01.T02	RING-type E3 ubiquitin transferase
augustus-7-processed-gene-64.42-mRNA-1	Japonica	NA		Os07g0224000	OsR498G0713795700.01.T01	TRASH domain-containing protein
augustus-7-processed-gene-64.51-mRNA-1	Japonica	NA		Os07g0223832		RING-type domain-containing protein
augustus-7-processed-gene-65.9-mRNA-1	Japonica	Indica		Os07g0224900	OsR498G0713804500.01.T01	Small nucleolar ribonucleoprotein complex subunit
augustus-7-processed-gene-66.11-mRNA-1	Japonica	NA		Os10g0531750	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-7-processed-gene-67.20-mRNA-1	Japonica	NA		Os07g0227200	OsR498G0713819100.01.T01	
augustus-7-processed-gene-67.31-mRNA-1	Japonica	NA		Os07g0227600		Ethylene-responsive transcription factor CRF3
augustus-7-processed-gene-67.34-mRNA-1	Japonica	NA				FBD domain-containing protein
augustus-7-processed-gene-68.11-mRNA-1	Japonica	NA		Os07g0230600		Fe2OG dioxygenase domain-containing protein
augustus-7-processed-gene-68.18-mRNA-1	Japonica	NA		Os07g0229900	OsR498G0713825000.01.T01	40S ribosomal protein S12
augustus-7-processed-gene-68.3-mRNA-1	Japonica	Indica		Os07g0229200	OsR498G0713822600.01.T01	FBD domain-containing protein
augustus-7-processed-gene-69.27-mRNA-1	Japonica	NA		Os07g0231500	OsR498G0713829700.01.T01	
augustus-7-processed-gene-7.55-mRNA-1	Japonica	Japonica		Os07g0121000	OsR498G0713426300.01.T04	
augustus-7-processed-gene-7.56-mRNA-1	Japonica	NA		Os07g0120900	OsR498G0713426300.01.T04	WW domain-containing protein (Fragment)
augustus-7-processed-gene-7.57-mRNA-1	Japonica	NA		Os07g0121100	OsR498G0713426900.01.T02	
augustus-7-processed-gene-7.68-mRNA-1	Japonica	Japonica		Os07g0120000	OsR498G0713423300.01.T01	NB-ARC domain-containing protein (Fragment)
augustus-7-processed-gene-7.71-mRNA-1	Japonica	NA		Os07g0120500	OsR498G0713415100.01.T01	NB-ARC domain-containing protein (Fragment)
augustus-7-processed-gene-7.73-mRNA-1	Japonica	NA		Os07g0120500		F-box domain-containing protein
augustus-7-processed-gene-7.75-mRNA-1	Japonica	Japonica		Os07g0120600	OsR498G0713423300.01.T01	NB-ARC domain-containing protein (Fragment)
augustus-7-processed-gene-7.76-mRNA-1	Japonica	NA				Enoyl-CoA hydratase 2, peroxisomal
augustus-7-processed-gene-70.11-mRNA-1	Japonica	NA		Os09g0258800		Ulp1 protease family, C-terminal catalytic domain containing protein
augustus-7-processed-gene-72.2-mRNA-1	Japonica	NA		Os04g0617200	OsR498G0409285000.01.T01	
augustus-7-processed-gene-72.24-mRNA-1	Japonica	NA		Os07g0236700	OsR498G0713848400.01.T02	Zinc finger, Dof-type
augustus-7-processed-gene-72.28-mRNA-1	Japonica	Japonica		Os07g0237900	OsR498G0613330300.01.T01	
augustus-7-processed-gene-73.34-mRNA-1	Japonica	NA		Os07g0239600	OsR498G0713856800.01.T03	Pentatricopeptide repeat-containing protein mitochondrial

augustus-7-processed-gene-75.12-mRNA-1	Japonica	NA		Os07g0242000		
augustus-7-processed-gene-75.37-mRNA-1	Japonica	NA		Os07g0243000	OsR498G0713868400.01.T01	UDP-glycosyltransferase 76E4
augustus-7-processed-gene-76.2-mRNA-1	Japonica	NA		Os05g0225100	OsR498G0510061500.01.T01	DUF295 domain-containing protein
augustus-7-processed-gene-76.42-mRNA-1	Japonica	NA		Os07g0244400	OsR498G0713872200.01.T01	Pentatricopeptide repeat-containing protein, putative
augustus-7-processed-gene-77.14-mRNA-1	Japonica	NA		Os07g0246200	OsR498G0713877300.01.T02	Calreticulin
augustus-7-processed-gene-77.23-mRNA-1	Japonica	NA		Os07g0246300	OsR498G0713877600.01.T02	Protein transport protein SEC13 B like
augustus-7-processed-gene-78.1-mRNA-1	Japonica	NA			OsR498G0713878900.01.T01	Serine/threonine kinase (Fragment)
augustus-7-processed-gene-78.2-mRNA-1	Japonica	NA		Os07g0247000	OsR498G0713879300.01.T01	PMEI domain-containing protein (Fragment)
augustus-7-processed-gene-79.29-mRNA-1	Japonica	Japonica		Os07g0250133	OsR498G0714323900.01.T01	Glycosyltransferase
augustus-7-processed-gene-79.3-mRNA-1	Japonica	NA		Os07g0248900		Putative mutator-like transposase
augustus-7-processed-gene-8.0-mRNA-1	Japonica	Japonica		Os07g0121600	OsR498G0511374000.01.T01	
augustus-7-processed-gene-8.4-mRNA-1	Japonica	NA				
augustus-7-processed-gene-8.5-mRNA-1	Japonica	NA		Os07g0122200	OsR498G0713429500.01.T03	
augustus-7-processed-gene-8.6-mRNA-1	Japonica	NA		Os07g0122300	OsR498G0713429700.01.T01	
augustus-7-processed-gene-80.14-mRNA-1	Japonica	Japonica		Os07g0251200	OsR498G0713892000.01.T01	
augustus-7-processed-gene-80.15-mRNA-1	Japonica	NA		Os07g0251301		60S acidic ribosomal protein P2-B
augustus-7-processed-gene-81.29-mRNA-1	Japonica	NA			OsR498G0510294600.01.T01	HGWP repeat containing protein-like
augustus-7-processed-gene-83.15-mRNA-1	Japonica	NA		Os07g0255200	OsR498G0713577000.01.T01	ATP-dependent DNA helicase
augustus-7-processed-gene-85.12-mRNA-1	Japonica	NA		Os07g0257200	OsR498G0713916200.01.T02	Metal transporter
augustus-7-processed-gene-86.10-mRNA-1	Japonica	NA		Os07g0259400		Pentatricopeptide repeat-containing protein mitochondrial
augustus-7-processed-gene-88.17-mRNA-1	Japonica	NA			OsR498G0713939900.01.T01	L-type lectin-domain containing receptor kinase IV.1
augustus-7-processed-gene-9.29-mRNA-1	Japonica	NA		Os07g0124000		
augustus-7-processed-gene-9.32-mRNA-1	Japonica	NA		Os07g0123800	OsR498G0713435600.01.T01	
augustus-7-processed-gene-9.33-mRNA-1	Japonica	NA		Os07g0123900	OsR498G0713436000.01.T01	Eggshell protein 2A-like
augustus-7-processed-gene-9.41-mRNA-1	Japonica	NA			OsR498G0713437300.01.T01	BZIP transcription factor family protein expressed
augustus-7-processed-gene-90.2-mRNA-1	Japonica	NA		Os09g0265800	OsR498G0407753100.01.T01	HGWP repeat containing protein-like
augustus-7-processed-gene-93.17-mRNA-1	Japonica	Japonica		Os07g0268800	OsR498G0713959500.01.T02	DUF4220 domain-containing protein (Fragment)
augustus-7-processed-gene-94.12-mRNA-1	Japonica	Indica		Os07g0268800	OsR498G0713961500.01.T01	DUF4220 domain-containing protein (Fragment)
augustus-7-processed-gene-95.20-mRNA-1	Japonica	NA			OsR498G0713965300.01.T01	
augustus-7-processed-gene-96.0-mRNA-1	Japonica	NA			OsR498G0713967500.01.T01	DUF4220 domain-containing protein (Fragment)
augustus-7-processed-gene-96.6-mRNA-1	Japonica	NA			OsR498G0100073600.01.T01	RNA binding protein
augustus-7-processed-gene-97.10-mRNA-1	Japonica	NA		Os07g0272400	OsR498G0713971700.01.T01	FYVE-type domain-containing protein
augustus-7-processed-gene-97.23-mRNA-1	Japonica	NA		Os07g0272700	OsR498G0713975100.01.T01	NAC transcription factor 69
augustus-7-processed-gene-99.16-mRNA-1	Japonica	NA			OsR498G0713983500.01.T01	
augustus-8-processed-gene-1.19-mRNA-1	Japonica	NA		Os08g0101700	OsR498G0815026400.01.T01	Cytochrome b561 domain-containing protein (Fragment)
augustus-8-processed-gene-1.20-mRNA-1	Japonica	NA		Os08g0102000		Putative N-acetyltransferase ycf52
augustus-8-processed-gene-11.47-mRNA-1	Japonica	NA		Os08g0119800	OsR498G0815087200.01.T06	Photosystem II core complex proteins psbY
augustus-8-processed-gene-122.25-mRNA-1	Japonica	NA				
augustus-8-processed-gene-132.21-mRNA-1	Japonica	NA		Os03g0114600	OsR498G0612855600.01.T01	Calcineurin-like phosphoesterase family protein, putative
augustus-8-processed-gene-14.24-mRNA-1	Japonica	Japonica	Kinase-TM	Os08g0124100	OsR498G0815098200.01.T02	Putative receptor-type protein kinase LRK1
augustus-8-processed-gene-140.6-mRNA-1	Japonica	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class, expressed
augustus-8-processed-gene-153.14-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0815808800.01.T01	Putative glycerophosphodiester phosphodiesterase, protein kinase RLK-Pelle
augustus-8-processed-gene-155.17-mRNA-1	Japonica	NA			OsR498G0815821700.01.T01	
augustus-8-processed-gene-158.35-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os08g0342300	OsR498G0815837200.01.T01	Brassinosteroid LRR receptor kinase BRL3
augustus-8-processed-gene-16.47-mRNA-1	Japonica	Japonica		Os08g0126800	OsR498G0815103200.01.T01	DUF295 domain-containing protein (Fragment)
augustus-8-processed-gene-161.15-mRNA-1	Japonica	NA			OsR498G0815762600.01.T01	
augustus-8-processed-gene-162.16-mRNA-1	Japonica	Indica		Os10g0461100	OsR498G0815858000.01.T02	PsbP family protein, expressed
augustus-8-processed-gene-17.50-mRNA-1	Japonica	NA		Os08g0127800	OsR498G0815105800.01.T01	ATP-dependent zinc metalloprotease FTSH protein
augustus-8-processed-gene-174.21-mRNA-1	Japonica	NA		Os08g0356700	OsR498G0815875600.01.T01	
augustus-8-processed-gene-176.30-mRNA-1	Japonica	NA			OsR498G0815882100.01.T01	
augustus-8-processed-gene-191.39-mRNA-1	Japonica	NA			OsR498G0815957800.01.T01	
augustus-8-processed-gene-197.37-mRNA-1	Japonica	Indica		Os08g0387100	OsR498G0815983300.01.T01	
augustus-8-processed-gene-206.35-mRNA-1	Japonica	NA			OsR498G0816048600.01.T01	Phorbol-ester/DAG-type domain-containing protein (Fragment)
augustus-8-processed-gene-207.40-mRNA-1	Japonica	NA		Os08g0406500	OsR498G0816055400.01.T01	BTB/POZ and MATH domain-containing protein 2
augustus-8-processed-gene-208.19-mRNA-1	Japonica	NA		Os08g0406600	OsR498G0816056200.01.T01	Zinc finger POZ domain protein-like
augustus-8-processed-gene-208.37-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-8-processed-gene-208.38-mRNA-1	Japonica	NA			OsR498G0816060800.01.T01	
augustus-8-processed-gene-208.39-mRNA-1	Japonica	Japonica		Os08g0408300	OsR498G0816061400.01.T01	
augustus-8-processed-gene-21.7-mRNA-1	Japonica	NA				Retrotransposon protein, putative, unclassified, expressed
augustus-8-processed-gene-210.11-mRNA-1	Japonica	NA			OsR498G0816071400.01.T02	Polynucleotide adenyllyltransferase
augustus-8-processed-gene-210.7-mRNA-1	Japonica	Japonica		Os08g0410266	OsR498G0816070200.01.T01	DUF295 domain-containing protein (Fragment)

augustus-8-processed-gene-212.31-mRNA-1	Japonica	NA		Os08g0416000	OsR498G0816085600.01.T01	Class I homeodomain-leucine zipper protein 5
augustus-8-processed-gene-213.7-mRNA-1	Japonica	NA		Os08g0417100	OsR498G0816090200.01.T01	Putative 2-oxoglutarate-dependent dioxygenase
augustus-8-processed-gene-228.28-mRNA-1	Japonica	Indica		Os08g0441900	OsR498G0816183200.01.T02	Matrin-type domain-containing protein
augustus-8-processed-gene-229.25-mRNA-1	Japonica	NA		Os08g0442900	OsR498G0816186400.01.T01	glycine-rich cell wall structural protein-like
augustus-8-processed-gene-23.24-mRNA-1	Japonica	NA			OsR498G0815141200.01.T01	RING-type E3 ubiquitin transferase
augustus-8-processed-gene-230.5-mRNA-1	Japonica	NA		Os08g0444500	OsR498G0816191600.01.T01	
augustus-8-processed-gene-233.23-mRNA-1	Japonica	Japonica		Os08g0451700	OsR498G0816219600.01.T02	AT-rich interactive domain-containing protein 4
augustus-8-processed-gene-236.27-mRNA-1	Japonica	NA		Os08g0455800	OsR498G0816234300.01.T01	Liver carboxylesterase (Fragment)
augustus-8-processed-gene-236.30-mRNA-1	Japonica	NA			OsR498G0816232200.01.T01	T-complex protein 1 subunit delta
augustus-8-processed-gene-236.33-mRNA-1	Japonica	NA		Os08g0456200	OsR498G0816235600.01.T01	Flavonoid 3'-monooxygenase
augustus-8-processed-gene-238.17-mRNA-1	Japonica	NA		Os08g0459300	OsR498G0816246800.01.T01	F-box domain-containing protein
augustus-8-processed-gene-24.24-mRNA-1	Japonica	NA		Os08g0140500	OsR498G0815146000.01.T01	Aromatic-L-amino-acid decarboxylase-like
augustus-8-processed-gene-24.34-mRNA-1	Japonica	Japonica		Os08g0141000	OsR498G0815146600.01.T01	
augustus-8-processed-gene-24.40-mRNA-1	Japonica	Japonica		Os08g0140700	OsR498G0815146800.01.T01	RING-type domain-containing protein
augustus-8-processed-gene-24.44-mRNA-1	Japonica	NA		Os08g0141700	OsR498G0815149600.01.T01	
augustus-8-processed-gene-240.18-mRNA-1	Japonica	NA		Os08g0462800	OsR498G0816257400.01.T01	Plant viral-response family protein-like
augustus-8-processed-gene-243.45-mRNA-1	Japonica	NA		Os08g0468700	OsR498G0816276200.01.T01	Nitrate reductase
augustus-8-processed-gene-244.22-mRNA-1	Japonica	Japonica		Os08g0471100	OsR498G0102262600.01.T01	Transposable element protein, putative, MuDR, expressed
augustus-8-processed-gene-244.24-mRNA-1	Japonica	NA			OsR498G0816287000.01.T01	Basic helix-loop-helix transcription factor
augustus-8-processed-gene-245.21-mRNA-1	Japonica	NA		Os08g0472400	OsR498G0816290400.01.T01	Putative zeaxanthin epoxidase
augustus-8-processed-gene-246.49-mRNA-1	Japonica	Japonica		Os08g0474500	OsR498G0816298400.01.T01	BRI1 kinase inhibitor 1
augustus-8-processed-gene-247.10-mRNA-1	Japonica	NA		Os08g0475000	OsR498G0816299200.01.T01	Tuliposide A-converting enzyme 1, chloroplastic
augustus-8-processed-gene-248.5-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus-8-processed-gene-249.4-mRNA-1	Japonica	NA		Os08g0478466	OsR498G0816310200.01.T01	PPC domain-containing protein (Fragment)
augustus-8-processed-gene-25.12-mRNA-1	Japonica	Japonica		Os08g0142900	OsR498G0815150800.01.T01	PMEI domain-containing protein
augustus-8-processed-gene-254.17-mRNA-1	Japonica	NA		Os08g0487100		BZIP domain-containing protein (Fragment)
augustus-8-processed-gene-262.30-mRNA-1	Japonica	NA				Putative transparent testa
augustus-8-processed-gene-263.22-mRNA-1	Japonica	NA	LRR-TM	Os08g0505900	OsR498G0816425400.01.T01	DNA-damage-repair/toleration protein DRT100
augustus-8-processed-gene-263.23-mRNA-1	Japonica	NA			OsR498G0408884400.01.T03	Epstein-Barr virus EBNA-1-like
augustus-8-processed-gene-264.18-mRNA-1	Japonica	NA		Os08g0507301		
augustus-8-processed-gene-264.24-mRNA-1	Japonica	NA		Os08g0507100	OsR498G0816430400.01.T01	
augustus-8-processed-gene-264.29-mRNA-1	Japonica	NA				Kinesin motor domain-containing protein
augustus-8-processed-gene-266.22-mRNA-1	Japonica	NA		Os08g0510800	OsR498G0816446400.01.T01	Cyclic nucleotide-gated ion channel 2
augustus-8-processed-gene-267.70-mRNA-1	Japonica	NA		Os08g0513300		Ribosomal protein S24/S35 mitochondrial
augustus-8-processed-gene-269.10-mRNA-1	Japonica	NA		Os08g0515800		Mitochondrial transcription termination factor
augustus-8-processed-gene-269.28-mRNA-1	Japonica	NA		Os08g0516600	OsR498G0816464400.01.T01	Cyclin-dependent protein kinase inhibitor SMR3
augustus-8-processed-gene-270.36-mRNA-1	Japonica	NA		Os08g0517600	OsR498G0816467200.01.T04	S-adenosyl-L-methionine-dependent methyltransferases superfamily protein
augustus-8-processed-gene-270.56-mRNA-1	Japonica	Japonica		Os08g0518200	OsR498G0816469400.01.T01	Mitochondrial transcription termination factor
augustus-8-processed-gene-270.61-mRNA-1	Japonica	Indica		Os08g0519100	OsR498G0816473200.01.T01	L-gulonolactone oxidase
augustus-8-processed-gene-272.41-mRNA-1	Japonica	NA		Os08g0520600	OsR498G0816481000.01.T01	
augustus-8-processed-gene-273.21-mRNA-1	Japonica	NA			OsR498G0816486800.01.T01	TD and POZ domain-containing protein 3 (Fragment)
augustus-8-processed-gene-274.53-mRNA-1	Japonica	Japonica		Os08g0526100	OsR498G0917763200.01.T01	UDP-D-glucuronate 4-epimerase 6
augustus-8-processed-gene-283.64-mRNA-1	Japonica	NA			OsR498G0816542800.01.T01	
augustus-8-processed-gene-285.16-mRNA-1	Japonica	NA		Os04g0184800		Transposon protein, putative, Mutator sub-class, expressed
augustus-8-processed-gene-285.39-mRNA-1	Japonica	NA		Os02g0778800		
augustus-8-processed-gene-286.21-mRNA-1	Japonica	NA	CC-NBS-TM	Os08g0543100		Putative NBS-LRR resistance protein RGH1
augustus-8-processed-gene-286.42-mRNA-1	Japonica	NA		Os09g0519100	OsR498G0917808800.01.T01	BHLH transcription factor
augustus-8-processed-gene-287.15-mRNA-1	Japonica	NA		Os08g0544800	OsR498G0816564400.01.T02	Transcription factor PCF2
augustus-8-processed-gene-287.16-mRNA-1	Japonica	NA		Os08g0545000		Pyridoxal phosphate (PLP)-dependent transferase superfamily protein
augustus-8-processed-gene-287.17-mRNA-1	Japonica	NA		Os08g0545400	OsR498G0816566200.01.T01	Dehydration-responsive element-binding protein 1J
augustus-8-processed-gene-287.18-mRNA-1	Japonica	Japonica		Os08g0545500	OsR498G0917817800.01.T01	Dehydration-responsive element-binding protein 1A
augustus-8-processed-gene-287.21-mRNA-1	Japonica	NA		Os08g0545900	OsR498G0816568200.01.T01	Protein DETOXIFICATION
augustus-8-processed-gene-288.48-mRNA-1	Japonica	NA		Os08g0547200	OsR498G0816572100.01.T01	small G protein signaling modulator 1 isoform X1
augustus-8-processed-gene-289.1-mRNA-1	Japonica	NA		Os08g0547900	OsR498G0816576400.01.T01	Geraniol 8-hydroxylase
augustus-8-processed-gene-290.76-mRNA-1	Japonica	NA		Os08g0550700	OsR498G0816586000.01.T02	Auxin-responsive protein SAUR36-like
augustus-8-processed-gene-292.28-mRNA-1	Japonica	NA				Skp1 domain-containing protein
augustus-8-processed-gene-293.57-mRNA-1	Japonica	NA		Os08g0557200	OsR498G0816600400.01.T01	Manganese-dependent ADP-ribose/CDP-alcohol diphosphatase-like
augustus-8-processed-gene-295.24-mRNA-1	Japonica	NA		Os08g0562600	OsR498G0816619400.01.T06	C2 domain-containing protein (Fragment)
augustus-8-processed-gene-296.13-mRNA-1	Japonica	Japonica		Os08g0563200	OsR498G0816620000.01.T01	AT-hook motif nuclear-localized protein 20
augustus-8-processed-gene-296.16-mRNA-1	Japonica	NA			OsR498G0816621000.01.T01	RING-H2 finger protein ATLSK
augustus-8-processed-gene-296.37-mRNA-1	Japonica	NA		Os08g0564500	OsR498G0816624200.01.T01	zinc finger protein 593 homolog

augustus-8-processed-gene-296.38-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os08g0564700	OsR498G0816627000.01.T01	Serine/threonine protein kinase
augustus-8-processed-gene-297.53-mRNA-1	Japonica	NA		Os08g0565200	OsR498G0816629600.01.T01	Dehydration-responsive element-binding protein 2C
augustus-8-processed-gene-297.80-mRNA-1	Japonica	Japonica		Os08g0565700	OsR498G0816630800.01.T05	Histone-lysine N-methyltransferase family member SUVH2
augustus-8-processed-gene-3.20-mRNA-1	Japonica	NA		Os08g0105400	OsR498G0815038200.01.T01	Indole-2-monooxygenase
augustus-8-processed-gene-3.21-mRNA-1	Japonica	Japonica		Os08g0105600	OsR498G0815038400.01.T01	3-hydroxyindolin-2-one monooxygenase
augustus-8-processed-gene-3.23-mRNA-1	Japonica	Indica		Os08g0105400	OsR498G0815038600.01.T01	Indole-2-monooxygenase
augustus-8-processed-gene-3.3-mRNA-1	Japonica	NA		Os08g0104400	OsR498G0815034200.01.T01	Seed maturation protein
augustus-8-processed-gene-37.9-mRNA-1	Japonica	NA		Os08g0159900	OsR498G0815240800.01.T04	DEAD-box ATP-dependent RNA helicase 42
augustus-8-processed-gene-39.47-mRNA-1	Japonica	NA		Os08g0162400	OsR498G0815252800.01.T01	RING finger protein 5
augustus-8-processed-gene-4.12-mRNA-1	Japonica	NA		Os08g0106100		
augustus-8-processed-gene-4.32-mRNA-1	Japonica	NA		Os08g0107100	OsR498G0815041800.01.T04	Polyadenylate-binding protein 1-B-binding protein
augustus-8-processed-gene-4.36-mRNA-1	Japonica	NA		Os08g0108100	OsR498G0815044600.01.T01	Pectinesterase inhibitor 28
augustus-8-processed-gene-4.37-mRNA-1	Japonica	NA		Os08g0108300	OsR498G0815045600.01.T01	Nuclear receptor subfamily 4 group A member 3
augustus-8-processed-gene-40.39-mRNA-1	Japonica	NA		Os08g0165300		
augustus-8-processed-gene-45.24-mRNA-1	Japonica	Japonica		Os08g0174500	OsR498G0815298200.01.T02	Truncated days to heading 8
augustus-8-processed-gene-45.6-mRNA-1	Japonica	NA		Os08g0173700	OsR498G0815297000.01.T01	Ethylene-responsive transcription factor ERF088
augustus-8-processed-gene-47.15-mRNA-1	Japonica	NA		Os08g0178100	OsR498G0815307700.01.T01	vacuolar protein sorting-associated protein 18 homolog
augustus-8-processed-gene-47.22-mRNA-1	Japonica	NA				Similarity to RNase H
augustus-8-processed-gene-5.39-mRNA-1	Japonica	NA		Os08g0108500	OsR498G0815046800.01.T01	Basic helix-loop-helix transcription factor
augustus-8-processed-gene-59.34-mRNA-1	Japonica	NA		Os08g0201100	OsR498G0815382600.01.T01	
augustus-8-processed-gene-6.21-mRNA-1	Japonica	NA		Os08g0111300	OsR498G0815058200.01.T01	Putative acetyltransferase
augustus-8-processed-gene-6.6-mRNA-1	Japonica	NA		Os08g0110300	OsR498G0815055200.01.T01	Longin domain-containing protein
augustus-8-processed-gene-64.20-mRNA-1	Japonica	NA			OsR498G0815402700.01.T01	GTP-binding protein ERG
augustus-8-processed-gene-64.27-mRNA-1	Japonica	NA		Os08g0207800		Peptidase A1 domain-containing protein
augustus-8-processed-gene-64.34-mRNA-1	Japonica	Japonica		Os08g0208300	OsR498G1018122200.01.T01	
augustus-8-processed-gene-65.8-mRNA-1	Japonica	NA			OsR498G1120154400.01.T01	Endonuclease
augustus-8-processed-gene-66.14-mRNA-1	Japonica	NA				Cell wall protein-like
augustus-8-processed-gene-7.22-mRNA-1	Japonica	NA		Os08g0112200	OsR498G0815060200.01.T01	Putative acetyltransferase
augustus-8-processed-gene-7.23-mRNA-1	Japonica	NA		Os08g0112300	OsR498G0815060400.01.T01	Putative acetyltransferase
augustus-8-processed-gene-7.24-mRNA-1	Japonica	NA		Os08g0112400	OsR498G0815060600.01.T01	Pentatricopeptide repeat-containing protein
augustus-8-processed-gene-7.5-mRNA-1	Japonica	NA		Os08g0111800	OsR498G0815058600.01.T01	Putative acetyltransferase
augustus-8-processed-gene-75.17-mRNA-1	Japonica	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class, expressed
augustus-8-processed-gene-75.19-mRNA-1	Japonica	NA		Os08g0220400	OsR498G0815445900.01.T01	Pectinesterase
augustus-8-processed-gene-78.29-mRNA-1	Japonica	NA			OsR498G0815456200.01.T01	
augustus-8-processed-gene-79.25-mRNA-1	Japonica	Japonica		Os08g0225100	OsR498G0815469000.01.T03	Reticulon domain-containing protein (Fragment)
augustus-8-processed-gene-8.33-mRNA-1	Japonica	Japonica		Os08g0113500	OsR498G0815064300.01.T01	NAC domain containing protein 35
augustus-8-processed-gene-8.35-mRNA-1	Japonica	NA		Os08g0113400		Putative methyltransferase PMT21
augustus-8-processed-gene-80.21-mRNA-1	Japonica	NA		Os04g0286500	OsR498G0916692600.01.T01	Transposon protein, putative, Pong sub-class, expressed
augustus-8-processed-gene-80.22-mRNA-1	Japonica	Japonica		Os08g0226800	OsR498G0815473500.01.T01	TD and POZ domain-containing protein 4
augustus-8-processed-gene-80.23-mRNA-1	Japonica	Indica		Os08g0226800	OsR498G0815471800.01.T01	TD and POZ domain-containing protein 4
augustus-8-processed-gene-81.7-mRNA-1	Japonica	NA		Os08g0227100	OsR498G0815475400.01.T02	BTB domain-containing protein (Fragment)
augustus-8-processed-gene-81.8-mRNA-1	Japonica	NA		Os08g0227200	OsR498G0815475600.01.T01	Speckle-type POZ protein
augustus-8-processed-gene-82.8-mRNA-1	Japonica	NA			OsR498G0815482600.01.T01	
augustus-8-processed-gene-83.24-mRNA-1	Japonica	NA		Os08g0230500	OsR498G0815486600.01.T02	Endonuclease or glycosyl hydrolase
augustus-8-processed-gene-86.13-mRNA-1	Japonica	NA		Os08g0235800	OsR498G0815502400.01.T01	WRKY transcription factor
augustus-8-processed-gene-86.28-mRNA-1	Japonica	Japonica	CC-Kinase-TM	Os08g0230800	OsR498G0815488100.01.T01	Non-specific serine/threonine protein kinase
augustus-8-processed-gene-89.42-mRNA-1	Japonica	NA			OsR498G0306506500.01.T01	
augustus-8-processed-gene-90.27-mRNA-1	Japonica	Indica		Os02g0797300	OsR498G0815517200.01.T01	Plasma membrane ATPase
augustus-8-processed-gene-91.51-mRNA-1	Japonica	NA		Os08g0243900	OsR498G0815525200.01.T04	MHD domain-containing protein (Fragment)
augustus-8-processed-gene-93.30-mRNA-1	Japonica	NA		Os08g0246300	OsR498G0815530100.01.T01	Disease resistance protein RPM1
augustus-8-processed-gene-99.15-mRNA-1	Japonica	NA		Os10g0460000	OsR498G0305532000.01.T01	Kinesin heavy chain-like
augustus-8-processed-gene-99.30-mRNA-1	Japonica	NA	NBS-TM	Os08g0258700	OsR498G0815569000.01.T01	Nucleotide-binding leucine-rich-repeat protein 1
augustus-9-processed-gene-104.52-mRNA-1	Japonica	Indica		Os09g0353400	OsR498G0917228700.01.T01	Oxoglutarate-dependent dioxygenase 2
augustus-9-processed-gene-105.19-mRNA-1	Japonica	NA				NAM-associated domain-containing protein (Fragment)
augustus-9-processed-gene-108.28-mRNA-1	Japonica	NA		Os09g0347300	OsR498G0917209900.01.T01	Exocyst subunit Exo70 family protein (Fragment)
augustus-9-processed-gene-112.18-mRNA-1	Japonica	NA		Os09g0338400	OsR498G0917192300.01.T01	Cysteine desulfurase
augustus-9-processed-gene-114.38-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-9-processed-gene-119.47-mRNA-1	Japonica	NA		Os09g0361400	OsR498G0917246900.01.T01	Mitochondrial outer membrane porin
augustus-9-processed-gene-12.26-mRNA-1	Japonica	NA			OsR498G0916689600.01.T01	WIYLD domain-containing protein
augustus-9-processed-gene-121.26-mRNA-1	Japonica	Japonica	LRR-NBS-TM	Os09g0365000	OsR498G0917259000.01.T01	PPC domain-containing protein
augustus-9-processed-gene-125.49-mRNA-1	Japonica	NA		Os07g0693100	OsR498G1018918700.01.T01	Pyruvate decarboxylase

augustus-9-processed-gene-125.71-mRNA-1	Japonica	NA		Os09g0372900	OsR498G0917292200.01.T02	Protein kinase domain-containing protein
augustus-9-processed-gene-127.29-mRNA-1	Japonica	Indica		Os09g0376400	OsR498G0917299200.01.T01	BHLH domain-containing protein
augustus-9-processed-gene-127.4-mRNA-1	Japonica	NA			OsR498G0917294800.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus-9-processed-gene-128.30-mRNA-1	Japonica	NA		Os02g0651200		
augustus-9-processed-gene-129.12-mRNA-1	Japonica	Japonica		Os09g0379300	OsR498G0917311200.01.T01	Glycosyltransferase
augustus-9-processed-gene-129.34-mRNA-1	Japonica	NA		Os09g0379900	OsR498G0917313200.01.T01	Endo-1,3(4)-beta-glucanase
augustus-9-processed-gene-131.20-mRNA-1	Japonica	NA				BED-type domain-containing protein
augustus-9-processed-gene-133.28-mRNA-1	Japonica	Indica		Os09g0387150	OsR498G0917343200.01.T03	
augustus-9-processed-gene-133.3-mRNA-1	Japonica	NA		Os09g0386200	OsR498G0917340000.01.T01	RING-type E3 ubiquitin transferase
augustus-9-processed-gene-133.6-mRNA-1	Japonica	NA			OsR498G0917342000.01.T01	AUGMIN subunit like
augustus-9-processed-gene-138.2-mRNA-1	Japonica	NA		Os09g0394300	OsR498G0917376000.01.T02	Endoglucanase
augustus-9-processed-gene-147.41-mRNA-1	Japonica	NA		Os09g0411600	OsR498G0917435800.01.T03	Tetratricopeptide repeat (TPR)-like superfamily protein, putative isoform 1
augustus-9-processed-gene-147.68-mRNA-1	Japonica	NA			OsR498G0917439000.01.T01	S-adenosylmethionine decarboxylase proenzyme
augustus-9-processed-gene-147.71-mRNA-1	Japonica	Japonica		Os09g0413300	OsR498G0917441800.01.T03	Pentatricopeptide repeat-containing protein chloroplastic
augustus-9-processed-gene-149.17-mRNA-1	Japonica	NA		Os09g0415300	OsR498G0917452000.01.T01	
augustus-9-processed-gene-149.4-mRNA-1	Japonica	NA			OsR498G0917449000.01.T03	Zinc-finger homeodomain protein 9
augustus-9-processed-gene-154.23-mRNA-1	Japonica	NA		Os09g0424300	OsR498G0917484800.01.T01	S-adenosylmethionine decarboxylase proenzyme
augustus-9-processed-gene-155.13-mRNA-1	Japonica	NA		Os09g0425200	OsR498G0917486200.01.T01	Putative cell-wall protein (Fragment)
augustus-9-processed-gene-156.32-mRNA-1	Japonica	NA			OsR498G0408432600.01.T01	
augustus-9-processed-gene-158.20-mRNA-1	Japonica	NA				CBS domain-containing protein
augustus-9-processed-gene-159.1-mRNA-1	Japonica	Indica		Os09g0431900	OsR498G0917513200.01.T01	Zinc finger protein KNUCKLES
augustus-9-processed-gene-159.21-mRNA-1	Japonica	NA		Os09g0433000	OsR498G0917516800.01.T01	Hexosyltransferase
augustus-9-processed-gene-160.31-mRNA-1	Japonica	NA		Os09g0433700	OsR498G0917518800.01.T01	Pectinesterase
augustus-9-processed-gene-160.32-mRNA-1	Japonica	NA		Os09g0433700	OsR498G0917518800.01.T01	Pectinesterase
augustus-9-processed-gene-160.54-mRNA-1	Japonica	NA		Os09g0434900	OsR498G0917523000.01.T01	IBR domain-containing protein
augustus-9-processed-gene-162.28-mRNA-1	Japonica	NA		Os09g0438100	OsR498G0917532800.01.T01	
augustus-9-processed-gene-165.3-mRNA-1	Japonica	Indica		Os08g0499400	OsR498G0917547600.01.T01	
augustus-9-processed-gene-166.41-mRNA-1	Japonica	Indica		Os05g0567400	OsR498G0917558800.01.T01	Putative rRNA methyltransferase
augustus-9-processed-gene-168.25-mRNA-1	Japonica	NA		Os09g0449000	OsR498G0917576300.01.T01	PHD finger protein MALE STERILITY like
augustus-9-processed-gene-168.30-mRNA-1	Japonica	Japonica		Os09g0448100	OsR498G0917580500.01.T06	F-box protein interaction domain containing protein, expressed
augustus-9-processed-gene-168.33-mRNA-1	Japonica	NA		Os09g0449100		Transposon protein, putative, CACTA, En/Spm sub-class
augustus-9-processed-gene-168.7-mRNA-1	Japonica	Indica		Os01g0587300	OsR498G0917572600.01.T01	Phosphoribosylanthranilate transferase-like protein
augustus-9-processed-gene-17.17-mRNA-1	Japonica	NA				
augustus-9-processed-gene-172.34-mRNA-1	Japonica	NA		Os09g0455500	OsR498G0917604800.01.T01	Tuliposide A-converting enzyme 2, chloroplastic
augustus-9-processed-gene-172.41-mRNA-1	Japonica	NA		Os09g0455900	OsR498G0917605400.01.T01	Tuliposide A-converting enzyme b1, amyloplastic
augustus-9-processed-gene-173.1-mRNA-1	Japonica	NA		Os09g0456800	OsR498G0917608700.01.T01	Heat shock transcription factor
augustus-9-processed-gene-173.17-mRNA-1	Japonica	NA		Os07g0418100		ATP-dependent DNA helicase
augustus-9-processed-gene-173.22-mRNA-1	Japonica	NA		Os09g0336500	OsR498G1220975100.01.T01	Zinc knuckle family protein
augustus-9-processed-gene-173.3-mRNA-1	Japonica	NA		Os09g0456700	OsR498G0917608000.01.T01	
augustus-9-processed-gene-174.37-mRNA-1	Japonica	NA		Os09g0459600	OsR498G0917618800.01.T01	PPM-type phosphatase domain-containing protein
augustus-9-processed-gene-175.34-mRNA-1	Japonica	NA		Os09g0462200	OsR498G0917625800.01.T01	Tuliposide A-converting enzyme 2, chloroplastic
augustus-9-processed-gene-176.33-mRNA-1	Japonica	NA		Os09g0464100		
augustus-9-processed-gene-176.35-mRNA-1	Japonica	Indica		Os08g0478466	OsR498G0917637200.01.T01	PPC domain-containing protein (Fragment)
augustus-9-processed-gene-178.20-mRNA-1	Japonica	Japonica		Os09g0467500	OsR498G0917649000.01.T01	Purine transporter
augustus-9-processed-gene-178.23-mRNA-1	Japonica	NA		Os09g0468150	OsR498G0917650800.01.T01	Clathrin assembly protein
augustus-9-processed-gene-178.25-mRNA-1	Japonica	NA		Os09g0468300	OsR498G0917651200.01.T01	E3 ubiquitin-protein like
augustus-9-processed-gene-178.6-mRNA-1	Japonica	NA		Os09g0466400	OsR498G0917645800.01.T01	Zinc-finger homeodomain protein 1
augustus-9-processed-gene-179.27-mRNA-1	Japonica	NA			OsR498G0917654200.01.T04	RING-H2 finger protein ATL52
augustus-9-processed-gene-182.29-mRNA-1	Japonica	NA		Os09g0474000		BZIP transcription factor
augustus-9-processed-gene-182.42-mRNA-1	Japonica	NA			OsR498G0917671300.01.T01	Pentatricopeptide repeat-containing protein, chloroplastic
augustus-9-processed-gene-182.56-mRNA-1	Japonica	NA		Os09g0474800	OsR498G0917674800.01.T01	Phosphatidylinositol 4-kinase type 2-alpha
augustus-9-processed-gene-187.13-mRNA-1	Japonica	Indica		Os09g0482780	OsR498G0917706600.01.T02	Fasciclin-like arabinogalactan protein 7
augustus-9-processed-gene-187.38-mRNA-1	Japonica	NA		Os09g0482860	OsR498G0917707800.01.T01	Glycosyltransferase
augustus-9-processed-gene-187.40-mRNA-1	Japonica	NA		Os09g0482900	OsR498G0917708600.01.T01	Glycosyltransferase
augustus-9-processed-gene-187.42-mRNA-1	Japonica	NA		Os09g0483600	OsR498G0917709600.01.T03	JmjC domain-containing protein 7
augustus-9-processed-gene-187.45-mRNA-1	Japonica	NA		Os08g0165300		
augustus-9-processed-gene-189.20-mRNA-1	Japonica	NA		Os09g0490200	OsR498G0917725400.01.T02	Ethylene signal transcription factor
augustus-9-processed-gene-190.20-mRNA-1	Japonica	NA		Os09g0491676	OsR498G0917731000.01.T01	Cyclic nucleotide-gated ion channel 2
augustus-9-processed-gene-192.7-mRNA-1	Japonica	Indica		Os04g0577000	OsR498G0917738000.01.T04	Ubiquitin fusion degradation protein 1
augustus-9-processed-gene-195.32-mRNA-1	Japonica	NA			OsR498G0917759200.01.T04	
augustus-9-processed-gene-195.38-mRNA-1	Japonica	NA				FBD domain-containing protein

augustus-9-processed-gene-196.50-mRNA-1	Japonica	NA		Os09g0504000	OsR498G0917763200.01.T01	UDP-D-glucuronate 4-epimerase 6
augustus-9-processed-gene-197.66-mRNA-1	Japonica	NA			OsR498G0917769800.01.T01	
augustus-9-processed-gene-198.7-mRNA-1	Japonica	NA		Os09g0507900		Calmodulin binding protein
augustus-9-processed-gene-201.109-mRNA-1	Japonica	NA		Os09g0514200	OsR498G0917793800.01.T02	Calcium-dependent protein kinase
augustus-9-processed-gene-203.53-mRNA-1	Japonica	NA			OsR498G0917809200.01.T01	
augustus-9-processed-gene-205.6-mRNA-1	Japonica	NA			OsR498G0917816200.01.T01	SPX domain-containing membrane protein isoform A
augustus-9-processed-gene-205.9-mRNA-1	Japonica	NA	Os09g0522100	OsR498G0917817400.01.T01		C-repeat binding factor 3
augustus-9-processed-gene-212.14-mRNA-1	Japonica	NA	Os09g0535500	OsR498G0917860600.01.T01		RING-H2 finger protein ATL2A
augustus-9-processed-gene-214.39-mRNA-1	Japonica	NA	Os09g0540500	OsR498G0917882200.01.T01		Mediator of RNA polymerase II transcription subunit 4
augustus-9-processed-gene-214.52-mRNA-1	Japonica	Japonica	Os09g0540800	OsR498G0917882700.01.T01		Absciscic acid-insensitive 5-like protein 2-like
augustus-9-processed-gene-214.59-mRNA-1	Japonica	Japonica	Os09g0541100	OsR498G0917884600.01.T01		Phytoecyanin domain-containing protein
augustus-9-processed-gene-215.37-mRNA-1	Japonica	NA	Os09g0543400	OsR498G0917892000.01.T01		Diaminopimelate decarboxylase 2 chloroplastic
augustus-9-processed-gene-218.78-mRNA-1	Japonica	NA	Os09g0549500	OsR498G0917917200.01.T02		U11/U12 small nuclear ribonucleoprotein 31 kDa protein (Fragment)
augustus-9-processed-gene-218.79-mRNA-1	Japonica	Japonica	Os09g0549700	OsR498G0917917600.01.T02		Ribosomal protein L18/L5
augustus-9-processed-gene-22.29-mRNA-1	Japonica	NA		OsR498G0408153000.01.T01		Splicing coactivator subunit-like
augustus-9-processed-gene-220.73-mRNA-1	Japonica	NA	Os09g0553100	OsR498G0917927000.01.T01		Multifunctional fusion protein
augustus-9-processed-gene-221.46-mRNA-1	Japonica	NA	Os09g0554200	OsR498G0917930200.01.T01		probable E3 ubiquitin-protein ligase ATL44
augustus-9-processed-gene-222.40-mRNA-1	Japonica	Indica	Os02g0184100	OsR498G0917939700.01.T01		Zinc finger protein hangover
augustus-9-processed-gene-223.32-mRNA-1	Japonica	NA	Os09g0559000	OsR498G0917945400.01.T01		Putative E3 ubiquitin-protein ligase ARI5
augustus-9-processed-gene-223.33-mRNA-1	Japonica	NA	Os09g0559100	OsR498G0917945800.01.T01		Putative E3 ubiquitin-protein ligase ARI5
augustus-9-processed-gene-223.35-mRNA-1	Japonica	Indica	Os09g0559400	OsR498G0917946400.01.T01		DUF4220 domain-containing protein (Fragment)
augustus-9-processed-gene-223.8-mRNA-1	Japonica	NA		OsR498G0917941800.01.T01		DOMON domain-containing protein
augustus-9-processed-gene-224.58-mRNA-1	Japonica	NA	Os09g0560300	OsR498G0917948400.01.T01		Malic enzyme
augustus-9-processed-gene-225.20-mRNA-1	Japonica	NA	Os09g0563950			DUF295 domain-containing protein
augustus-9-processed-gene-225.22-mRNA-1	Japonica	NA		OsR498G1120619900.01.T01		Splicing factor 3B subunit 4
augustus-9-processed-gene-226.9-mRNA-1	Japonica	Indica	Os09g0564000	OsR498G0917959000.01.T01		Cathepsin K
augustus-9-processed-gene-227.41-mRNA-1	Japonica	NA	Os09g0566400	OsR498G0917963800.01.T01		Protein kinase domain-containing protein
augustus-9-processed-gene-227.42-mRNA-1	Japonica	NA	Os09g0566400	OsR498G0917963800.01.T01		Protein kinase domain-containing protein
augustus-9-processed-gene-227.49-mRNA-1	Japonica	Indica	Os08g0557300	OsR498G0917966400.01.T01		
augustus-9-processed-gene-228.93-mRNA-1	Japonica	Indica	Os09g0568700	OsR498G0917970600.01.T01		Germin-like protein 9-3
augustus-9-processed-gene-228.94-mRNA-1	Japonica	NA	Os09g0568700	OsR498G0917971000.01.T01		Germin-like protein 9-3
augustus-9-processed-gene-229.83-mRNA-1	Japonica	Japonica	Os09g0571200	OsR498G0816619400.01.T06		C2 calcium-dependent membrane targeting
augustus-9-processed-gene-229.86-mRNA-1	Japonica	NA		OsR498G0917979800.01.T01		Ethylene-responsive transcription factor
augustus-9-processed-gene-23.22-mRNA-1	Japonica	NA	Os09g0127700	OsR498G0916739000.01.T01		
augustus-9-processed-gene-230.3-mRNA-1	Japonica	NA	Kinase-TM	Os09g0572100		lysM domain receptor-like kinase 3
augustus-9-processed-gene-25.26-mRNA-1	Japonica	NA			OsR498G0916743600.01.T02	
augustus-9-processed-gene-30.29-mRNA-1	Japonica	NA	Os09g0135800	OsR498G0916770000.01.T01		protein CELLULOSE SYNTHASE INTERACTIVE 1-like
augustus-9-processed-gene-30.32-mRNA-1	Japonica	NA	Os05g0267732	OsR498G0510213400.01.T01		
augustus-9-processed-gene-4.39-mRNA-1	Japonica	Japonica	Os09g0103400	OsR498G0916647000.01.T01		
augustus-9-processed-gene-41.25-mRNA-1	Japonica	NA				Auxin transport protein BIG
augustus-9-processed-gene-41.42-mRNA-1	Japonica	NA		OsR498G0916819000.01.T01		Annexin Max4
augustus-9-processed-gene-42.34-mRNA-1	Japonica	NA				
augustus-9-processed-gene-44.19-mRNA-1	Japonica	Japonica	Kinase-TM	Os09g0251250	OsR498G0916836300.01.T01	Serine/threonine protein kinase
augustus-9-processed-gene-44.26-mRNA-1	Japonica	NA	Os09g0251500	OsR498G0100917100.01.T04		Pentatricopeptide repeat-containing protein, chloroplastic
augustus-9-processed-gene-57.20-mRNA-1	Japonica	Japonica	Os09g0270900	OsR498G0916883200.01.T02		Cysteine desulfuration
augustus-9-processed-gene-57.22-mRNA-1	Japonica	Indica	Os09g0271100	OsR498G0916884000.01.T01		HMA domain-containing protein
augustus-9-processed-gene-58.13-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class
augustus-9-processed-gene-59.32-mRNA-1	Japonica	NA	Os09g0273800	OsR498G0916892000.01.T01		SCF ubiquitin ligase complex protein SKP1a
augustus-9-processed-gene-59.9-mRNA-1	Japonica	Japonica	Os09g0272900	OsR498G0916894000.01.T01		Skp1 domain-containing protein (Fragment)
augustus-9-processed-gene-60.6-mRNA-1	Japonica	NA	Os09g0273800	OsR498G0916892000.01.T01		Skp1 domain-containing protein
augustus-9-processed-gene-62.10-mRNA-1	Japonica	NA	Os08g0561800	OsR498G0408675500.01.T01		4-diphosphocytidyl-2C-methyl-D-erythritol synthase
augustus-9-processed-gene-65.2-mRNA-1	Japonica	NA	Os09g0282300			Zinc finger protein WIP2
augustus-9-processed-gene-65.24-mRNA-1	Japonica	NA		OsR498G0916922600.01.T01		Putative disease resistance protein RGA3
augustus-9-processed-gene-65.6-mRNA-1	Japonica	NA		OsR498G0916921200.01.T01		
augustus-9-processed-gene-7.4-mRNA-1	Japonica	NA	Os09g0106700	OsR498G0916657400.01.T01		Tuber-specific and sucrose-responsive element binding factor
augustus-9-processed-gene-74.22-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os09g0293500	OsR498G0917002400.01.T01	Brassinosteroid LRR receptor kinase BRL1
augustus-9-processed-gene-76.0-mRNA-1	Japonica	NA	Os09g0295000	OsR498G0917006600.01.T01		NAC domain-containing protein (Fragment)
augustus-9-processed-gene-76.3-mRNA-1	Japonica	Japonica	Os09g0295700	OsR498G0917007400.01.T01		Ankyrin repeat and SOCS box protein 3
augustus-9-processed-gene-84.43-mRNA-1	Japonica	NA		OsR498G0917046500.01.T02		Mediator of RNA polymerase II transcription subunit 25
augustus-9-processed-gene-9.33-mRNA-1	Japonica	NA		OsR498G0916670900.01.T04		CitMHS domain-containing protein (Fragment)
augustus-9-processed-gene-94.8-mRNA-1	Japonica	NA				

augustus-9-processed-gene-96.31-mRNA-1	Japonica	NA		Os09g0325000		F-box domain-containing protein
augustus-9-processed-gene-97.7-mRNA-1	Japonica	NA				
augustus-9-processed-gene-99.31-mRNA-1	Japonica	NA		Os09g0329200	OsR498G0917166200.01.T01	Glycosyltransferase
augustus_masked-1-processed-gene-10.16-mRNA-1	Japonica	Indica		Os01g0119500	OsR498G0100063000.01.T01	
augustus_masked-1-processed-gene-101.40-mRNA-1	Japonica	NA			OsR498G0100676800.01.T01	Temperature sensing protein-related
augustus_masked-1-processed-gene-103.29-mRNA-1	Japonica	NA		Os07g0543700	OsR498G1120733700.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-1-processed-gene-108.23-mRNA-1	Japonica	NA		Os01g0293000	OsR498G0100722000.01.T02	S-adenosylmethionine synthase
augustus_masked-1-processed-gene-109.50-mRNA-1	Japonica	NA				N(6)-L-threonylcarbamoyladenine synthase
augustus_masked-1-processed-gene-110.37-mRNA-1	Japonica	Indica		Os05g0539300	OsR498G0100732200.01.T01	DUF295 domain-containing protein
augustus_masked-1-processed-gene-111.61-mRNA-1	Japonica	Japonica		Os01g0299700	OsR498G0100738800.01.T01	3'-5' exonuclease domain-containing protein (Fragment)
augustus_masked-1-processed-gene-111.62-mRNA-1	Japonica	NA			OsR498G0100738600.01.T01	Alpha/beta hydrolase related protein
augustus_masked-1-processed-gene-112.19-mRNA-1	Japonica	NA		Os01g0301500	OsR498G0100745200.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-1-processed-gene-118.52-mRNA-1	Japonica	NA		Os01g0311600	OsR498G0100779400.01.T01	Sulfotransferase
augustus_masked-1-processed-gene-123.20-mRNA-1	Japonica	NA				
augustus_masked-1-processed-gene-124.41-mRNA-1	Japonica	NA			OsR498G0100817800.01.T01	Delta(1)-pyrroline-2-carboxylate reductase
augustus_masked-1-processed-gene-125.33-mRNA-1	Japonica	Indica		Os01g0293000	OsR498G0100820800.01.T01	S-adenosylmethionine synthase
augustus_masked-1-processed-gene-125.39-mRNA-1	Japonica	Indica		Os08g0545400	OsR498G0100826200.01.T01	Dehydration-responsive element-binding protein 1J
augustus_masked-1-processed-gene-128.24-mRNA-1	Japonica	NA				Endonuclease
augustus_masked-1-processed-gene-13.36-mRNA-1	Japonica	NA		Os01g0125500	OsR498G0100084600.01.T04	RING-type E3 ubiquitin transferase
augustus_masked-1-processed-gene-130.14-mRNA-1	Japonica	NA				Gibberellin 2-beta-dioxygenase 2
augustus_masked-1-processed-gene-135.45-mRNA-1	Japonica	Japonica		Os01g0340600	OsR498G0100874800.01.T01	
augustus_masked-1-processed-gene-135.47-mRNA-1	Japonica	NA		Os01g0341000		
augustus_masked-1-processed-gene-136.12-mRNA-1	Japonica	Japonica		Os01g0341200	OsR498G0100874800.01.T01	
augustus_masked-1-processed-gene-136.22-mRNA-1	Japonica	Indica		Os06g0489700	OsR498G0100876900.01.T01	DUF295 domain-containing protein
augustus_masked-1-processed-gene-136.28-mRNA-1	Japonica	NA		Os01g0342500		
augustus_masked-1-processed-gene-137.5-mRNA-1	Japonica	Japonica		Os01g0343100	OsR498G0100882700.01.T01	DUF4220 domain-containing protein (Fragment)
augustus_masked-1-processed-gene-138.26-mRNA-1	Japonica	NA			OsR498G0100887200.01.T01	
augustus_masked-1-processed-gene-139.38-mRNA-1	Japonica	NA		Os01g0346700	OsR498G0100895200.01.T01	Putative glycine-rich cell wall structural protein 1.0
augustus_masked-1-processed-gene-139.41-mRNA-1	Japonica	Japonica		Os01g0347200	OsR498G0100897800.01.T01	
augustus_masked-1-processed-gene-146.27-mRNA-1	Japonica	Japonica		Os01g0357900	OsR498G0204493300.01.T02	Rapid Alkalinization Factor
augustus_masked-1-processed-gene-147.20-mRNA-1	Japonica	NA	NBS-TM	Os01g0359400	OsR498G0100940200.01.T05	Truncated powdery mildew resistance protein Pm3
augustus_masked-1-processed-gene-147.22-mRNA-1	Japonica	Japonica	LRR-NBS-TM	Os01g0359800	OsR498G0100941400.01.T02	Powdery mildew resistance protein PM3 variant
augustus_masked-1-processed-gene-149.26-mRNA-1	Japonica	NA		Os01g0362100	OsR498G0100949800.01.T01	Acytransferase-like protein chloroplastic
augustus_masked-1-processed-gene-150.19-mRNA-1	Japonica	NA		Os01g0364400	OsR498G0100955800.01.T01	Wall-associated receptor kinase 3
augustus_masked-1-processed-gene-151.19-mRNA-1	Japonica	NA			OsR498G0100957400.01.T01	Wall-associated receptor kinase 3
augustus_masked-1-processed-gene-155.37-mRNA-1	Japonica	Indica		Os01g0373400	OsR498G0714828400.01.T01	NAM-associated domain-containing protein (Fragment)
augustus_masked-1-processed-gene-156.37-mRNA-1	Japonica	NA		Os01g0375100	OsR498G0100985200.01.T03	J domain-containing protein (Fragment)
augustus_masked-1-processed-gene-158.23-mRNA-1	Japonica	NA		Os07g0691100	OsR498G0715007300.01.T01	Pectinesterase
augustus_masked-1-processed-gene-161.25-mRNA-1	Japonica	NA		Os01g0382400	OsR498G0100996100.01.T01	Pathogenesis-related protein 1-2
augustus_masked-1-processed-gene-178.20-mRNA-1	Japonica	NA		Os01g0498300	OsR498G0101052000.01.T01	Protein O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase 2 (Frag
augustus_masked-1-processed-gene-181.37-mRNA-1	Japonica	NA		Os05g0574300	OsR498G0305687300.01.T01	Histone domain-containing protein
augustus_masked-1-processed-gene-182.10-mRNA-1	Japonica	NA		Os01g0504100	OsR498G0101070200.01.T01	Purine permease 4
augustus_masked-1-processed-gene-182.25-mRNA-1	Japonica	NA			OsR498G0101073300.01.T01	RING-type domain-containing protein
augustus_masked-1-processed-gene-183.15-mRNA-1	Japonica	NA		Os01g0505500	OsR498G0101075200.01.T01	Pentatricopeptide repeat-containing protein, mitochondrial
augustus_masked-1-processed-gene-186.29-mRNA-1	Japonica	NA		Os01g0510200	OsR498G0101096000.01.T01	
augustus_masked-1-processed-gene-187.21-mRNA-1	Japonica	NA		Os01g0511200	OsR498G0101102600.01.T01	Copper ion binding
augustus_masked-1-processed-gene-187.3-mRNA-1	Japonica	Indica		Os01g0511000	OsR498G0101099600.01.T01	LOB transcription factor
augustus_masked-1-processed-gene-192.4-mRNA-1	Japonica	NA		Os12g0468900	OsR498G0407549800.01.T01	Cell wall protein-like
augustus_masked-1-processed-gene-198.24-mRNA-1	Japonica	Indica		Os01g0530500	OsR498G0101164000.01.T01	DUF295 domain-containing protein
augustus_masked-1-processed-gene-199.34-mRNA-1	Japonica	NA		Os01g0532300	OsR498G0101169200.01.T01	
augustus_masked-1-processed-gene-2.38-mRNA-1	Japonica	NA		Os01g0102000		Non-hemolytic phospholipase C
augustus_masked-1-processed-gene-200.17-mRNA-1	Japonica	Indica		Os02g0822300	OsR498G0101174600.01.T01	1,3-beta-glucan synthase
augustus_masked-1-processed-gene-220.39-mRNA-1	Japonica	NA		Os02g0102850	OsR498G0307365000.01.T04	
augustus_masked-1-processed-gene-220.40-mRNA-1	Japonica	NA		Os01g0561600	OsR498G0101341800.01.T01	Oryzaalexin D synthase
augustus_masked-1-processed-gene-222.25-mRNA-1	Japonica	NA		Os01g0564600		Cell wall protein-like
augustus_masked-1-processed-gene-224.11-mRNA-1	Japonica	NA		Os01g0566800	OsR498G0101357600.01.T01	Transcription factor bHLH87
augustus_masked-1-processed-gene-225.24-mRNA-1	Japonica	NA		Os01g0568400		Cysteine-rich receptor-like protein kinase 15
augustus_masked-1-processed-gene-226.38-mRNA-1	Japonica	NA			OsR498G0101368000.01.T01	
augustus_masked-1-processed-gene-228.7-mRNA-1	Japonica	NA		Os11g0708500	OsR498G1018251600.01.T01	Pyridoxal biosynthesis lyase pdxS
augustus_masked-1-processed-gene-229.0-mRNA-1	Japonica	Japonica		Os01g0575500	OsR498G0101383200.01.T01	DENN domain and WD repeat-containing protein SCD1
augustus_masked-1-processed-gene-229.21-mRNA-1	Japonica	NA			OsR498G0101387800.01.T01	

augustus_masked-1-processed-gene-231.44-mRNA-1	Japonica	NA				SP-RING-type domain-containing protein
augustus_masked-1-processed-gene-231.69-mRNA-1	Japonica	Japonica		Os01g0580300	OsR498G0307172900.01.T05	Cullin 4
augustus_masked-1-processed-gene-236.30-mRNA-1	Japonica	NA		Os01g0587500		SHSP domain-containing protein
augustus_masked-1-processed-gene-25.36-mRNA-1	Japonica	NA				Factor of DNA methylation 4
augustus_masked-1-processed-gene-260.26-mRNA-1	Japonica	NA		Os01g0632000		Putative GPI-anchored protein 58
augustus_masked-1-processed-gene-261.33-mRNA-1	Japonica	NA		Os01g0635550	OsR498G0101603800.01.T02	Zinc-finger homeodomain protein 5
augustus_masked-1-processed-gene-266.41-mRNA-1	Japonica	NA			OsR498G0101637600.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-1-processed-gene-266.42-mRNA-1	Japonica	NA		Os01g0644200	OsR498G0101637800.01.T01	Little protein 1
augustus_masked-1-processed-gene-267.44-mRNA-1	Japonica	NA		Os01g0645900	OsR498G0101644400.01.T01	Molybdate transporter like
augustus_masked-1-processed-gene-268.45-mRNA-1	Japonica	NA		Os01g0648700	OsR498G0101654400.01.T01	Transcription factor GTE4
augustus_masked-1-processed-gene-269.75-mRNA-1	Japonica	NA			OsR498G0101656600.01.T01	
augustus_masked-1-processed-gene-275.26-mRNA-1	Japonica	Japonica		Os01g0660000	OsR498G0101694200.01.T01	
augustus_masked-1-processed-gene-276.12-mRNA-1	Japonica	NA		Os01g0660700	OsR498G0101696800.01.T01	DUF295 domain-containing protein
augustus_masked-1-processed-gene-277.15-mRNA-1	Japonica	Indica		Os07g0443500	OsR498G0101702400.01.T01	SANT domain-containing protein
augustus_masked-1-processed-gene-28.60-mRNA-1	Japonica	NA		Os01g0152300	OsR498G0100191200.01.T01	Histone domain-containing protein
augustus_masked-1-processed-gene-280.18-mRNA-1	Japonica	Japonica	Kinase-TM	Os01g0668600	OsR498G0101726500.01.T01	Serine/threonine-protein kinase
augustus_masked-1-processed-gene-280.20-mRNA-1	Japonica	NA	Kinase-TM	Os01g0669100	OsR498G0101727800.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-1-processed-gene-281.23-mRNA-1	Japonica	NA	Kinase-TM	Os01g0670100	OsR498G0101730000.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-1-processed-gene-281.25-mRNA-1	Japonica	NA		Os01g0670500		
augustus_masked-1-processed-gene-282.15-mRNA-1	Japonica	NA			OsR498G0101735400.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-1-processed-gene-282.16-mRNA-1	Japonica	NA			OsR498G0101737000.01.T02	1,3-beta-glucan synthase
augustus_masked-1-processed-gene-283.22-mRNA-1	Japonica	NA		Os01g0674000	OsR498G0101745200.01.T01	6b-interacting protein 1
augustus_masked-1-processed-gene-283.24-mRNA-1	Japonica	Indica		Os05g0560400	OsR498G0101747200.01.T01	Tubby-like F-box protein 1
augustus_masked-1-processed-gene-284.23-mRNA-1	Japonica	NA		Os01g0675800	OsR498G0101751200.01.T01	NAC domain-containing protein 72
augustus_masked-1-processed-gene-285.32-mRNA-1	Japonica	NA		Os01g0677100	OsR498G0101756200.01.T02	
augustus_masked-1-processed-gene-288.5-mRNA-1	Japonica	NA			OsR498G0101774600.01.T01	GPI transamidase component Gaa
augustus_masked-1-processed-gene-290.62-mRNA-1	Japonica	NA		Os01g0687400	OsR498G0101789800.01.T01	Acidic endochitinase
augustus_masked-1-processed-gene-291.42-mRNA-1	Japonica	NA			OsR498G0101792600.01.T01	
augustus_masked-1-processed-gene-291.60-mRNA-1	Japonica	Japonica		Os01g0689900	OsR498G0101799400.01.T02	Receptor-like protein kinase-like
augustus_masked-1-processed-gene-291.61-mRNA-1	Japonica	NA		Os01g0690200	OsR498G0101800200.01.T01	Protein kinase domain-containing protein
augustus_masked-1-processed-gene-292.73-mRNA-1	Japonica	NA		Os01g0691300	OsR498G0101801400.01.T01	AAI domain-containing protein
augustus_masked-1-processed-gene-292.76-mRNA-1	Japonica	NA				
augustus_masked-1-processed-gene-293.29-mRNA-1	Japonica	Japonica		Os01g0693400	OsR498G0101809000.01.T03	AP2/ERF and B3 domain-containing transcription repressor TEM1
augustus_masked-1-processed-gene-293.42-mRNA-1	Japonica	NA		Os01g0693800	OsR498G0101813200.01.T01	Threonine synthase
augustus_masked-1-processed-gene-298.71-mRNA-1	Japonica	Indica		Os01g0704300	OsR498G0101846200.01.T01	Kelch repeat-containing F-box-like protein
augustus_masked-1-processed-gene-299.35-mRNA-1	Japonica	NA		Os03g0395700		
augustus_masked-1-processed-gene-300.49-mRNA-1	Japonica	NA		Os01g0707500	OsR498G0101859800.01.T02	Transcription factor bHLH87
augustus_masked-1-processed-gene-301.72-mRNA-1	Japonica	NA			OsR498G0101865200.01.T01	
augustus_masked-1-processed-gene-302.56-mRNA-1	Japonica	NA		Os01g0710200	OsR498G0101867800.01.T01	Polyamine oxidase
augustus_masked-1-processed-gene-302.57-mRNA-1	Japonica	NA		Os01g0710700	OsR498G0101869400.01.T04	Phospholipase A1-lgamma2, chloroplastic
augustus_masked-1-processed-gene-302.81-mRNA-1	Japonica	NA			OsR498G0101873200.01.T01	
augustus_masked-1-processed-gene-303.6-mRNA-1	Japonica	NA		Os01g0712700	OsR498G0101875000.01.T01	Cytidine deaminase
augustus_masked-1-processed-gene-304.65-mRNA-1	Japonica	NA		Os01g0715900	OsR498G0101886400.01.T01	Pentatricopeptide repeat-containing protein, chloroplastic
augustus_masked-1-processed-gene-305.22-mRNA-1	Japonica	NA			OsR498G0101897800.01.T01	
augustus_masked-1-processed-gene-306.22-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os01g0718300	OsR498G0101902000.01.T01	Brassinosteroid-insensitive 1
augustus_masked-1-processed-gene-306.23-mRNA-1	Japonica	NA		Os01g0718900	OsR498G0101903800.01.T02	Trihelix transcription factor ASIL1
augustus_masked-1-processed-gene-307.62-mRNA-1	Japonica	Indica		Os10g0160600	OsR498G0101912800.01.T01	
augustus_masked-1-processed-gene-309.26-mRNA-1	Japonica	NA			OsR498G0101927200.01.T01	
augustus_masked-1-processed-gene-310.26-mRNA-1	Japonica	NA		Os01g0727600		
augustus_masked-1-processed-gene-310.27-mRNA-1	Japonica	NA		Os01g0727700		Thiamine thiazole synthase (Fragment)
augustus_masked-1-processed-gene-311.29-mRNA-1	Japonica	Indica		Os01g0730200	OsR498G0101936400.01.T01	FBD domain-containing protein
augustus_masked-1-processed-gene-311.30-mRNA-1	Japonica	NA		Os01g0730400		
augustus_masked-1-processed-gene-311.31-mRNA-1	Japonica	Indica		Os01g0730600	OsR498G0101938000.01.T01	
augustus_masked-1-processed-gene-314.35-mRNA-1	Japonica	NA		Os01g0735900	OsR498G0101953400.01.T01	Glycosyltransferase
augustus_masked-1-processed-gene-314.37-mRNA-1	Japonica	NA		Os01g0736100	OsR498G0101953800.01.T01	Glycosyltransferase
augustus_masked-1-processed-gene-314.38-mRNA-1	Japonica	Japonica		Os01g0736300	OsR498G0101954200.01.T01	Glycosyltransferase
augustus_masked-1-processed-gene-314.69-mRNA-1	Japonica	NA		Os01g0736600	OsR498G0101955400.01.T01	RING-H2 finger protein ATL68
augustus_masked-1-processed-gene-314.70-mRNA-1	Japonica	Indica		Os01g0737100	OsR498G0101956800.01.T01	
augustus_masked-1-processed-gene-316.55-mRNA-1	Japonica	Japonica		Os01g0740700	OsR498G0204773100.01.T01	TIR domain-containing adapter molecule 1
augustus_masked-1-processed-gene-317.4-mRNA-1	Japonica	NA			OsR498G0101972400.01.T02	rRNA methyltransferase 1, mitochondrial
augustus_masked-1-processed-gene-318.57-mRNA-1	Japonica	NA			OsR498G0101981600.01.T01	

augustus_masked-1-processed-gene-320.46-mRNA-1	Japonica	NA		Os01g0747600		Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-1-processed-gene-320.69-mRNA-1	Japonica	NA		Os01g0748200	OsR498G0101990600.01.T01	Protodermal factor 1-like
augustus_masked-1-processed-gene-320.70-mRNA-1	Japonica	NA		Os01g0748300	OsR498G0101991000.01.T01	
augustus_masked-1-processed-gene-323.30-mRNA-1	Japonica	NA		Os01g0754701	OsR498G0102012800.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-1-processed-gene-324.53-mRNA-1	Japonica	Indica		Os04g0208500	OsR498G0102018800.01.T01	F-box domain-containing protein
augustus_masked-1-processed-gene-325.60-mRNA-1	Japonica	Indica		Os01g0757600	OsR498G0102023400.01.T01	Myosin heavy chain 1 (Fragment)
augustus_masked-1-processed-gene-325.61-mRNA-1	Japonica	NA				Pentatricopeptide repeat
augustus_masked-1-processed-gene-326.19-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-1-processed-gene-326.20-mRNA-1	Japonica	NA	Kinase-TM	Os01g0759200	OsR498G0102036200.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-1-processed-gene-326.21-mRNA-1	Japonica	NA	Kinase-TM	Os01g0759400	OsR498G0102036600.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-1-processed-gene-327.27-mRNA-1	Japonica	NA			OsR498G0306953600.01.T01	probable isoaspartyl peptidase/L-asparaginase 2
augustus_masked-1-processed-gene-327.6-mRNA-1	Japonica	NA	TIR-TM	Os01g0760400	OsR498G0102039800.01.T01	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase
augustus_masked-1-processed-gene-328.45-mRNA-1	Japonica	NA		Os01g0763200	OsR498G0102046000.01.T04	TCP transcription factor
augustus_masked-1-processed-gene-328.65-mRNA-1	Japonica	NA		Os11g0631900		
augustus_masked-1-processed-gene-329.58-mRNA-1	Japonica	NA		Os01g0764950	OsR498G0102052200.01.T05	Pentatricopeptide repeat-containing protein
augustus_masked-1-processed-gene-329.67-mRNA-1	Japonica	NA		Os01g0766200	OsR498G0102054200.01.T02	E3 ubiquitin-protein ligase RMA1H1
augustus_masked-1-processed-gene-330.37-mRNA-1	Japonica	NA		Os01g0766300	OsR498G0102055400.01.T01	
augustus_masked-1-processed-gene-332.20-mRNA-1	Japonica	NA		Os01g0771000	OsR498G0102067800.01.T01	Translation initiation factor eIF-2B subunit alpha
augustus_masked-1-processed-gene-332.4-mRNA-1	Japonica	NA		Os01g0770200	OsR498G0102066200.01.T01	Tyrosine decarboxylase
augustus_masked-1-processed-gene-332.5-mRNA-1	Japonica	NA		Os01g0770400	OsR498G0102066400.01.T02	F-box family protein-like
augustus_masked-1-processed-gene-334.32-mRNA-1	Japonica	NA		Os01g0773500		
augustus_masked-1-processed-gene-334.53-mRNA-1	Japonica	NA		Os01g0774100		Gnk2-homologous domain-containing protein
augustus_masked-1-processed-gene-336.77-mRNA-1	Japonica	NA		Os01g0778900	OsR498G0102096000.01.T01	
augustus_masked-1-processed-gene-337.19-mRNA-1	Japonica	NA		Os01g0779800	OsR498G0102098200.01.T01	Serine/arginine repetitive matrix protein 1
augustus_masked-1-processed-gene-338.56-mRNA-1	Japonica	NA		Os01g0783700	OsR498G0102108600.01.T01	Calcium-binding protein PBP1
augustus_masked-1-processed-gene-339.36-mRNA-1	Japonica	Japonica		Os01g0785600	OsR498G0511115700.01.T02	S-adenosyl-L-methionine-dependent methyltransferase superfamily protein
augustus_masked-1-processed-gene-341.24-mRNA-1	Japonica	NA	CC-NBS-TM	Os01g0788500	OsR498G0102125800.01.T03	Disease resistance protein RPS2
augustus_masked-1-processed-gene-341.25-mRNA-1	Japonica	NA		Os01g0788900	OsR498G0102126800.01.T01	Pentatricopeptide repeat
augustus_masked-1-processed-gene-342.7-mRNA-1	Japonica	NA		Os01g0793300		Catechol oxidase
augustus_masked-1-processed-gene-343.4-mRNA-1	Japonica	NA		Os01g0793800	OsR498G0102129800.01.T01	Protein odd-skipped
augustus_masked-1-processed-gene-343.41-mRNA-1	Japonica	Indica		Os10g0402400	OsR498G0102133400.01.T01	
augustus_masked-1-processed-gene-343.46-mRNA-1	Japonica	NA			OsR498G0102136800.01.T01	
augustus_masked-1-processed-gene-343.5-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-1-processed-gene-343.6-mRNA-1	Japonica	NA		Os01g0793900	OsR498G0102130200.01.T01	Protein odd-skipped
augustus_masked-1-processed-gene-343.7-mRNA-1	Japonica	NA		Os01g0794100	OsR498G0102130600.01.T01	Protein odd-skipped
augustus_masked-1-processed-gene-345.30-mRNA-1	Japonica	NA		Os01g0800300	OsR498G0102148800.01.T04	Polyadenylate-binding protein 1-B-binding protein
augustus_masked-1-processed-gene-346.48-mRNA-1	Japonica	NA		Os01g0802200		WAS/WASL-interacting protein family member 3-like
augustus_masked-1-processed-gene-347.43-mRNA-1	Japonica	NA			OsR498G0102163600.01.T01	
augustus_masked-1-processed-gene-347.7-mRNA-1	Japonica	Japonica		Os01g0802850	OsR498G0511097100.01.T04	Plastidic phosphate translocator-like protein1
augustus_masked-1-processed-gene-38.21-mRNA-1	Japonica	NA		Os01g0174100	OsR498G0100247800.01.T01	MAPK kinase substrate protein
augustus_masked-1-processed-gene-4.64-mRNA-1	Japonica	NA		Os01g0106500	OsR498G0100023600.01.T01	
augustus_masked-1-processed-gene-4.65-mRNA-1	Japonica	Japonica		Os01g0106600	OsR498G0100023800.01.T01	
augustus_masked-1-processed-gene-40.8-mRNA-1	Japonica	NA		Os01g0177400	OsR498G0100258600.01.T01	GA 3beta-hydroxylase
augustus_masked-1-processed-gene-42.29-mRNA-1	Japonica	NA	LRR-TM	Os01g0180000	OsR498G0100270600.01.T01	Leucine-rich repeat extensin-like protein 3
augustus_masked-1-processed-gene-44.32-mRNA-1	Japonica	NA		Os01g0182400	OsR498G0100278600.01.T01	TSL-kinase interacting protein 1
augustus_masked-1-processed-gene-475.28-mRNA-1	Japonica	NA			OsR498G0102562800.01.T03	glycine-rich RNA-binding protein 4, mitochondrial
augustus_masked-1-processed-gene-475.29-mRNA-1	Japonica	NA		Os01g0913400	OsR498G0102562800.01.T01	RRM domain-containing protein
augustus_masked-1-processed-gene-475.35-mRNA-1	Japonica	NA		Os01g0914600	OsR498G0102565000.01.T05	Pentatricopeptide repeat-containing protein chloroplastic
augustus_masked-1-processed-gene-475.7-mRNA-1	Japonica	NA		Os01g0912900	OsR498G0102561600.01.T02	Pentatricopeptide repeat-containing protein, mitochondrial
augustus_masked-1-processed-gene-475.8-mRNA-1	Japonica	NA		Os01g0913100	OsR498G0102562000.01.T02	Nuclear transition protein like
augustus_masked-1-processed-gene-476.60-mRNA-1	Japonica	Japonica		Os01g0915900	OsR498G0102571400.01.T03	NB-ARC domain-containing protein
augustus_masked-1-processed-gene-476.61-mRNA-1	Japonica	NA		Os01g0916000	OsR498G0102571600.01.T02	Putative clathrin assembly protein
augustus_masked-1-processed-gene-476.62-mRNA-1	Japonica	Indica		Os01g0916100	OsR498G0102571800.01.T01	Loricrin
augustus_masked-1-processed-gene-477.46-mRNA-1	Japonica	NA		Os01g0917900	OsR498G0102578800.01.T01	E3 ubiquitin-protein ligase LUL4
augustus_masked-1-processed-gene-478.7-mRNA-1	Japonica	NA			OsR498G0917172900.01.T01	DUF834 domain-containing protein
augustus_masked-1-processed-gene-479.12-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus_masked-1-processed-gene-480.13-mRNA-1	Japonica	NA		Os01g0922100	OsR498G0102598800.01.T01	vitellogenin-2
augustus_masked-1-processed-gene-482.15-mRNA-1	Japonica	NA		Os01g0924966	OsR498G0102616400.01.T01	Auxin-responsive protein SAUR71
augustus_masked-1-processed-gene-485.70-mRNA-1	Japonica	NA		Os10g0531750	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-1-processed-gene-487.45-mRNA-1	Japonica	NA		Os01g0934100	OsR498G0102649000.01.T02	C2 calcium-dependent membrane targeting
augustus_masked-1-processed-gene-487.62-mRNA-1	Japonica	Indica		Os01g0935200	OsR498G0102652200.01.T01	CCAAT-binding transcription factor A

augustus_masked-1-processed-gene-488.16-mRNA-1	Japonica	Japonica		Os01g0936900	OsR498G0102660600.01.T01	Xylanase inhibitor TAXI-IV
augustus_masked-1-processed-gene-488.17-mRNA-1	Japonica	Indica		Os01g0936900	OsR498G0102660200.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus_masked-1-processed-gene-488.18-mRNA-1	Japonica	Indica		Os01g0936900	OsR498G0102660600.01.T01	Putative xylanase inhibitor
augustus_masked-1-processed-gene-488.20-mRNA-1	Japonica	Japonica		Os01g0937000	OsR498G0102660800.01.T01	Xylanase inhibitor TAXI-IV
augustus_masked-1-processed-gene-488.22-mRNA-1	Japonica	NA		Os01g0937100	OsR498G0102661800.01.T01	Xylanase inhibitor TAXI-IV
augustus_masked-1-processed-gene-488.23-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os01g0937300	OsR498G0102662000.01.T03	Disease resistance protein RGA2
augustus_masked-1-processed-gene-489.31-mRNA-1	Japonica	NA		Os01g0938400	OsR498G0102666600.01.T01	VWFA domain-containing protein
augustus_masked-1-processed-gene-490.8-mRNA-1	Japonica	NA		Os01g0940100	OsR498G0102672200.01.T02	Phosphotransferase
augustus_masked-1-processed-gene-493.39-mRNA-1	Japonica	NA		Os01g0946550		NAC domain-containing protein
augustus_masked-1-processed-gene-494.27-mRNA-1	Japonica	NA		Os01g0948500	OsR498G0102694000.01.T01	U-box domain-containing protein 43
augustus_masked-1-processed-gene-496.71-mRNA-1	Japonica	NA				BTB/POZ domain and ankyrin repeat-containing protein NH5.1
augustus_masked-1-processed-gene-498.14-mRNA-1	Japonica	NA		Os01g0954900	OsR498G0102720400.01.T01	Nucleoid DNA-binding-like protein
augustus_masked-1-processed-gene-498.16-mRNA-1	Japonica	NA		Os01g0955100	OsR498G0102721000.01.T01	Probable calcium-binding protein CML31
augustus_masked-1-processed-gene-498.17-mRNA-1	Japonica	Indica		Os01g0955100	OsR498G0102721800.01.T01	Putative calcium-binding protein CML23
augustus_masked-1-processed-gene-5.23-mRNA-1	Japonica	NA			OsR498G0100073600.01.T01	
augustus_masked-1-processed-gene-503.71-mRNA-1	Japonica	NA		Os01g0965800		
augustus_masked-1-processed-gene-503.73-mRNA-1	Japonica	NA			OsR498G0102756200.01.T05	Oxoprolinase 1
augustus_masked-1-processed-gene-506.35-mRNA-1	Japonica	NA		Os01g0971800	OsR498G0102775000.01.T01	PHYTOCLOCK 1
augustus_masked-1-processed-gene-508.23-mRNA-1	Japonica	NA		Os01g0976200	OsR498G0102788800.01.T01	Glutelin type-A 1
augustus_masked-1-processed-gene-509.35-mRNA-1	Japonica	NA		Os01g0977300		Transcription factor MYB44
augustus_masked-1-processed-gene-52.19-mRNA-1	Japonica	NA		Os01g0196500	OsR498G0100339800.01.T01	
augustus_masked-1-processed-gene-52.2-mRNA-1	Japonica	NA			OsR498G0100335400.01.T01	Polyamine oxidase 5
augustus_masked-1-processed-gene-53.47-mRNA-1	Japonica	NA		Os01g0197500	OsR498G0100343800.01.T01	Pentatricopeptide repeat-containing protein (Fragment)
augustus_masked-1-processed-gene-55.41-mRNA-1	Japonica	NA			OsR498G0100359200.01.T01	VQ motif-containing protein 4
augustus_masked-1-processed-gene-56.27-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-1-processed-gene-57.34-mRNA-1	Japonica	NA		Os01g0203300	OsR498G0100367600.01.T05	Glycosyltransferase
augustus_masked-1-processed-gene-57.38-mRNA-1	Japonica	NA		Os01g0203800	OsR498G0100369400.01.T02	DUF641 domain-containing protein (Fragment)
augustus_masked-1-processed-gene-60.23-mRNA-1	Japonica	NA		Os01g0209500	OsR498G0100387600.01.T03	RRM domain-containing protein
augustus_masked-1-processed-gene-60.38-mRNA-1	Japonica	NA		Os02g0212975	OsR498G0305421900.01.T01	Kinesin heavy chain-like
augustus_masked-1-processed-gene-62.30-mRNA-1	Japonica	NA			OsR498G0100075100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-1-processed-gene-62.34-mRNA-1	Japonica	NA		Os01g0213400		RING-H2 finger protein ATL2L
augustus_masked-1-processed-gene-66.53-mRNA-1	Japonica	NA				Protein kinase domain-containing protein
augustus_masked-1-processed-gene-68.24-mRNA-1	Japonica	Indica	Kinase-TM	Os01g0223700	OsR498G0100448000.01.T02	Non-specific serine/threonine protein kinase (Fragment)
augustus_masked-1-processed-gene-68.25-mRNA-1	Japonica	Japonica	Kinase-TM	Os01g0224000	OsR498G0100448100.01.T01	Non-specific serine/threonine protein kinase (Fragment)
augustus_masked-1-processed-gene-7.32-mRNA-1	Japonica	NA		Os01g0111700	OsR498G0100037600.01.T01	
augustus_masked-1-processed-gene-70.37-mRNA-1	Japonica	NA		Os01g0226400	OsR498G0100462600.01.T01	AAA domain-containing protein
augustus_masked-1-processed-gene-72.63-mRNA-1	Japonica	Indica		Os01g0229800	OsR498G0100476800.01.T01	Bark storage protein A
augustus_masked-1-processed-gene-75.31-mRNA-1	Japonica	Indica		Os01g0235400	OsR498G0100494600.01.T01	Importin-beta
augustus_masked-1-processed-gene-79.58-mRNA-1	Japonica	NA			OsR498G0100526000.01.T01	Transcription factor bHLH148
augustus_masked-1-processed-gene-85.2-mRNA-1	Japonica	Indica		Os01g0254300	OsR498G0100568000.01.T01	Pectinesterase
augustus_masked-1-processed-gene-97.17-mRNA-1	Japonica	Indica		Os01g0276400	OsR498G0100655000.01.T01	Presenilin
augustus_masked-1-processed-gene-98.24-mRNA-1	Japonica	NA		Os01g0278000	OsR498G0100660800.01.T01	Calmodulin-binding protein 25
augustus_masked-1-processed-gene-99.5-mRNA-1	Japonica	NA			OsR498G0100663000.01.T02	Importin N-terminal domain-containing protein
augustus_masked-10-processed-gene-106.46-mRNA-1	Japonica	NA			OsR498G1018770200.01.T01	
augustus_masked-10-processed-gene-107.8-mRNA-1	Japonica	Japonica		Os10g0434200	OsR498G1018774700.01.T01	BTB/POZ domain containing protein
augustus_masked-10-processed-gene-116.11-mRNA-1	Japonica	NA		Os04g0166900		F-box domain-containing protein (Fragment)
augustus_masked-10-processed-gene-117.32-mRNA-1	Japonica	NA		Os04g0163800	OsR498G0407600700.01.T01	Disease resistance protein
augustus_masked-10-processed-gene-13.17-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os10g0114400		Mitogen-activated protein kinase kinase kinase
augustus_masked-10-processed-gene-13.18-mRNA-1	Japonica	NA		Os10g0114500	OsR498G1018044000.01.T01	Barley B recombinant-like protein A
augustus_masked-10-processed-gene-13.19-mRNA-1	Japonica	NA		Os10g0114500	OsR498G1018044000.01.T01	Barley B recombinant-like protein A
augustus_masked-10-processed-gene-139.35-mRNA-1	Japonica	NA		Os04g0120300	OsR498G0407492700.01.T01	subtilisin-like protease SDD1
augustus_masked-10-processed-gene-14.23-mRNA-1	Japonica	Japonica		Os10g0115500	OsR498G1018044000.01.T01	Barley B recombinant-like protein C
augustus_masked-10-processed-gene-144.26-mRNA-1	Japonica	NA	CC-NBS-TM			NBS-LRR resistant protein (Fragment)
augustus_masked-10-processed-gene-146.3-mRNA-1	Japonica	NA			OsR498G0204768400.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-10-processed-gene-155.29-mRNA-1	Japonica	NA		Os10g0452300	OsR498G1018828200.01.T01	
augustus_masked-10-processed-gene-155.30-mRNA-1	Japonica	NA		Os10g0452201	OsR498G1018828400.01.T01	
augustus_masked-10-processed-gene-156.31-mRNA-1	Japonica	NA		Os10g0453900	OsR498G1018832400.01.T01	Glycine-rich cell wall structural protein 2
augustus_masked-10-processed-gene-156.35-mRNA-1	Japonica	NA		Os10g0454500	OsR498G1018834800.01.T01	Root cap-specific glycine-rich protein
augustus_masked-10-processed-gene-156.5-mRNA-1	Japonica	NA		Os10g0452700	OsR498G1018829600.01.T01	Glycine-rich cell wall structural protein 2 (Fragment)
augustus_masked-10-processed-gene-157.36-mRNA-1	Japonica	Japonica		Os10g0455000	OsR498G1018835400.01.T01	Glycine-rich cell wall structural protein 2
augustus_masked-10-processed-gene-157.37-mRNA-1	Japonica	Indica		Os10g0455000	OsR498G1018836000.01.T01	Glycine-rich cell wall structural protein 2-like

augustus_masked-10-processed-gene-157.38-mRNA-1	Japonica	NA		Os10g0455100	OsR498G1018836200.01.T01	Glycine-rich cell wall structural protein 2
augustus_masked-10-processed-gene-167.49-mRNA-1	Japonica	NA		Os10g0474000		
augustus_masked-10-processed-gene-168.21-mRNA-1	Japonica	Indica		Os10g0474966	OsR498G1018896800.01.T01	Long-chain-alcohol oxidase
augustus_masked-10-processed-gene-168.25-mRNA-1	Japonica	NA		Os10g0476200		
augustus_masked-10-processed-gene-169.20-mRNA-1	Japonica	NA		Os10g0476900	OsR498G1018901200.01.T01	Pentatricopeptide, putative, expressed
augustus_masked-10-processed-gene-169.21-mRNA-1	Japonica	Indica		Os10g0477200	OsR498G1018901800.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-10-processed-gene-170.36-mRNA-1	Japonica	NA		Os10g0478400	OsR498G1018908200.01.T01	
augustus_masked-10-processed-gene-173.8-mRNA-1	Japonica	NA		Os10g0481300	OsR498G1018923400.01.T01	GST C-terminal domain-containing protein
augustus_masked-10-processed-gene-174.59-mRNA-1	Japonica	NA		Os10g0484300	OsR498G1018936200.01.T02	Pentatricopeptide repeat-containing protein
augustus_masked-10-processed-gene-176.10-mRNA-1	Japonica	Indica		Os10g0487400	OsR498G1018946600.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-10-processed-gene-177.35-mRNA-1	Japonica	NA				Putative ripening-related protein 7
augustus_masked-10-processed-gene-177.58-mRNA-1	Japonica	Indica		Os10g0489800	OsR498G1018955800.01.T02	DUF1308 domain-containing protein (Fragment)
augustus_masked-10-processed-gene-178.7-mRNA-1	Japonica	Indica		Os10g0490900	OsR498G1018957600.01.T01	Basic secretory protease
augustus_masked-10-processed-gene-179.66-mRNA-1	Japonica	NA		Os10g0494100	OsR498G1018971000.01.T01	
augustus_masked-10-processed-gene-18.40-mRNA-1	Japonica	Japonica	CC-NBS	Os10g0124300	OsR498G1018071200.01.T02	Disease resistance protein RPM1
augustus_masked-10-processed-gene-180.3-mRNA-1	Japonica	NA		Os10g0495200	OsR498G1018978200.01.T01	Rf1 protein, mitochondrial, putative, expressed
augustus_masked-10-processed-gene-182.53-mRNA-1	Japonica	NA			OsR498G1018987600.01.T02	PsbB mRNA maturation factor Mbb1, chloroplastic
augustus_masked-10-processed-gene-185.4-mRNA-1	Japonica	Japonica		Os10g0505500	OsR498G1019007500.01.T01	AAI domain-containing protein (Fragment)
augustus_masked-10-processed-gene-187.32-mRNA-1	Japonica	NA		Os10g0508700	OsR498G1019016200.01.T01	PMEI domain-containing protein
augustus_masked-10-processed-gene-187.33-mRNA-1	Japonica	Japonica		Os10g0508900	OsR498G1019017000.01.T01	
augustus_masked-10-processed-gene-187.59-mRNA-1	Japonica	NA		Os10g0510300	OsR498G1019022800.01.T01	PORR domain-containing protein (Fragment)
augustus_masked-10-processed-gene-188.32-mRNA-1	Japonica	NA		Os10g0510500	OsR498G1019024000.01.T01	Auxin-responsive protein SAUR32
augustus_masked-10-processed-gene-189.16-mRNA-1	Japonica	NA		Os10g0512500	OsR498G1019030200.01.T01	RNA-binding
augustus_masked-10-processed-gene-190.20-mRNA-1	Japonica	NA		Os10g0514600	OsR498G1019034400.01.T01	T-complex protein 1 subunit delta
augustus_masked-10-processed-gene-192.10-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-10-processed-gene-195.52-mRNA-1	Japonica	NA		Os10g0523700	OsR498G1019068000.01.T01	Arogenate dehydratase
augustus_masked-10-processed-gene-195.55-mRNA-1	Japonica	NA		Os10g0524600	OsR498G1019071400.01.T01	Subtilisin-like serine protease
augustus_masked-10-processed-gene-21.43-mRNA-1	Japonica	NA	NBS-TM			Powdery mildew resistance protein PM17
augustus_masked-10-processed-gene-23.22-mRNA-1	Japonica	NA		Os10g0133100		F-box domain containing protein, expressed
augustus_masked-10-processed-gene-24.9-mRNA-1	Japonica	NA			OsR498G1018103600.01.T01	
augustus_masked-10-processed-gene-25.18-mRNA-1	Japonica	Indica		Os10g0134500	OsR498G1018108800.01.T01	F-box domain-containing protein
augustus_masked-10-processed-gene-25.20-mRNA-1	Japonica	NA		Os10g0136400	OsR498G1018109000.01.T02	Cysteine-rich receptor-like protein kinase 10
augustus_masked-10-processed-gene-26.16-mRNA-1	Japonica	NA		Os10g0136900	OsR498G1018109800.01.T01	F-box domain containing protein, expressed
augustus_masked-10-processed-gene-26.17-mRNA-1	Japonica	NA		Os10g0137000	OsR498G1018110000.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-10-processed-gene-30.28-mRNA-1	Japonica	NA		Os10g0145100	OsR498G1018134000.01.T02	F-box domain containing protein, expressed
augustus_masked-10-processed-gene-36.6-mRNA-1	Japonica	Indica	Kinase-TM	Os10g0152000	OsR498G1018157400.01.T01	Wall-associated receptor kinase 2
augustus_masked-10-processed-gene-45.15-mRNA-1	Japonica	Indica	LRR-TM	Os02g0156400	OsR498G1018221800.01.T01	Putative Phytosulfokine receptor
augustus_masked-10-processed-gene-46.19-mRNA-1	Japonica	Indica		Os10g0163201	OsR498G1018230000.01.T01	Retrotransposon protein, putative, Ty3-gypsy subclass
augustus_masked-10-processed-gene-58.25-mRNA-1	Japonica	NA			OsR498G0409006400.01.T04	
augustus_masked-10-processed-gene-59.23-mRNA-1	Japonica	NA			OsR498G1018292000.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-10-processed-gene-63.36-mRNA-1	Japonica	NA		Os10g0188800	OsR498G1018312800.01.T01	Retrotransposon protein, putative, Ty3-gypsy subclass, expressed
augustus_masked-10-processed-gene-69.21-mRNA-1	Japonica	NA		Os08g0381000	OsR498G0917373300.01.T01	Retrotransposon protein, putative, Ty3-gypsy subclass
augustus_masked-10-processed-gene-73.21-mRNA-1	Japonica	NA		Os12g0518100		
augustus_masked-10-processed-gene-73.5-mRNA-1	Japonica	NA			OsR498G1018341400.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-10-processed-gene-75.28-mRNA-1	Japonica	NA		Os10g0200700	OsR498G1018354200.01.T01	OVATE domain-containing protein
augustus_masked-11-processed-gene-0.43-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-11-processed-gene-10.103-mRNA-1	Japonica	NA			OsR498G1119385200.01.T01	putative RING-H2 finger protein ATL61
augustus_masked-11-processed-gene-10.82-mRNA-1	Japonica	NA		Os11g0135900	OsR498G1119380200.01.T01	Transporter, putative, expressed
augustus_masked-11-processed-gene-109.23-mRNA-1	Japonica	NA			OsR498G0203809100.01.T01	DUF834 domain-containing protein
augustus_masked-11-processed-gene-11.10-mRNA-1	Japonica	Indica		Os11g0138300	OsR498G1119390400.01.T01	Cytochrome P450 family protein, expressed
augustus_masked-11-processed-gene-111.22-mRNA-1	Japonica	Japonica	NBS-TM	Os11g0429100	OsR498G1120005800.01.T01	NBS-LRR type resistance protein (Fragment)
augustus_masked-11-processed-gene-111.9-mRNA-1	Japonica	NA		Os11g0428500		
augustus_masked-11-processed-gene-114.21-mRNA-1	Japonica	NA			OsR498G1120019600.01.T01	PGG domain-containing protein
augustus_masked-11-processed-gene-115.3-mRNA-1	Japonica	NA				
augustus_masked-11-processed-gene-119.8-mRNA-1	Japonica	NA			OsR498G0305447100.01.T01	
augustus_masked-11-processed-gene-12.25-mRNA-1	Japonica	NA		Os12g0137900	OsR498G1220905400.01.T01	Alpha-galactosidase
augustus_masked-11-processed-gene-12.26-mRNA-1	Japonica	Japonica		Os12g0137900	OsR498G1119397800.01.T01	Sulfotransferase
augustus_masked-11-processed-gene-12.28-mRNA-1	Japonica	NA			OsR498G1119398600.01.T01	GRAS domain-containing protein (Fragment)
augustus_masked-11-processed-gene-12.30-mRNA-1	Japonica	NA			OsR498G1119399600.01.T01	GRAS domain-containing protein (Fragment)
augustus_masked-11-processed-gene-125.1-mRNA-1	Japonica	NA		Os11g0450300	OsR498G1120065200.01.T01	Sulfotransferase
augustus_masked-11-processed-gene-128.18-mRNA-1	Japonica	NA		Os11g0456000	OsR498G1120082000.01.T03	Rapid alkalization factor 1

augustus_masked-11-processed-gene-129.4-mRNA-1	Japonica	NA		Os11g0457300	OsR498G1120085200.01.T01	Glycosyltransferase
augustus_masked-11-processed-gene-14.10-mRNA-1	Japonica	NA		Os11g0145200	OsR498G1119406400.01.T01	Glycosyltransferase
augustus_masked-11-processed-gene-14.9-mRNA-1	Japonica	NA		Os11g0145100	OsR498G1119406200.01.T03	tRNA-uridine aminocarboxypropyltransferase
augustus_masked-11-processed-gene-149.6-mRNA-1	Japonica	NA				Adenosinetriphosphatase
augustus_masked-11-processed-gene-151.6-mRNA-1	Japonica	Japonica		Os11g0495950	OsR498G0612724200.01.T01	Inactive tetrahydrocannabinolic acid synthase
augustus_masked-11-processed-gene-153.19-mRNA-1	Japonica	NA		Os11g0500100		HAT dimerisation domain-containing protein-like
augustus_masked-11-processed-gene-153.30-mRNA-1	Japonica	NA		Os11g0501000		
augustus_masked-11-processed-gene-155.25-mRNA-1	Japonica	NA				Transposon protein, putative, Pong sub-class
augustus_masked-11-processed-gene-156.22-mRNA-1	Japonica	NA			OsR498G0407665800.01.T01	Retrotransposon protein, putative, unclassified
augustus_masked-11-processed-gene-156.4-mRNA-1	Japonica	NA			OsR498G1120205800.01.T01	GRAS transcription factor
augustus_masked-11-processed-gene-159.51-mRNA-1	Japonica	NA		Os11g0514100	OsR498G1120215400.01.T01	ATP/DNA-binding protein (Fragment)
augustus_masked-11-processed-gene-159.56-mRNA-1	Japonica	Indica		Os11g0515000	OsR498G1120218800.01.T01	Armadillo/beta-catenin-like repeat family protein, expressed
augustus_masked-11-processed-gene-167.45-mRNA-1	Japonica	Indica		Os07g0501100	OsR498G1120265000.01.T01	Chalcone and stilbene synthases, N-terminal domain containing protein
augustus_masked-11-processed-gene-169.20-mRNA-1	Japonica	NA		Os11g0533100	OsR498G1120278000.01.T02	CarD-like transcriptional regulator family protein, expressed
augustus_masked-11-processed-gene-169.21-mRNA-1	Japonica	NA		Os11g0533400	OsR498G1120278400.01.T01	NADH-ubiquinone reductase complex 1 MLRQ subunit
augustus_masked-11-processed-gene-17.31-mRNA-1	Japonica	Indica		Os10g0326400	OsR498G1119430200.01.T01	F-box domain containing protein, expressed
augustus_masked-11-processed-gene-17.6-mRNA-1	Japonica	NA		Os11g0151300	OsR498G1119422800.01.T02	KOW domain-containing protein
augustus_masked-11-processed-gene-17.7-mRNA-1	Japonica	NA		Os11g0151400	OsR498G1119425200.01.T01	Cytochrome P450 family protein, expressed
augustus_masked-11-processed-gene-171.47-mRNA-1	Japonica	Japonica		Os11g0537800	OsR498G0407604900.01.T01	
augustus_masked-11-processed-gene-175.4-mRNA-1	Japonica	NA		Os11g0543900		
augustus_masked-11-processed-gene-175.7-mRNA-1	Japonica	NA		Os11g0544300	OsR498G1120313000.01.T03	PORR domain-containing protein (Fragment)
augustus_masked-11-processed-gene-176.62-mRNA-1	Japonica	NA		Os11g0546500	OsR498G1120322800.01.T01	Glycosyltransferase 6
augustus_masked-11-processed-gene-177.15-mRNA-1	Japonica	NA		Os11g0547000	OsR498G1120324400.01.T01	Adagio-like protein 3
augustus_masked-11-processed-gene-18.46-mRNA-1	Japonica	NA		Os11g0152900	OsR498G1119432200.01.T01	
augustus_masked-11-processed-gene-18.79-mRNA-1	Japonica	NA		Os11g0155100		F-box domain containing protein, expressed
augustus_masked-11-processed-gene-180.64-mRNA-1	Japonica	Japonica		Os11g0552500	OsR498G1120340000.01.T01	Agenet-like domain-containing protein
augustus_masked-11-processed-gene-181.6-mRNA-1	Japonica	Indica		Os10g0445600	OsR498G1120341200.01.T01	Rubisco accumulation factor 1, chloroplastic-like
augustus_masked-11-processed-gene-181.7-mRNA-1	Japonica	NA	Kinase-TM	Os11g0553500	OsR498G1120341600.01.T01	Wall-associated receptor kinase 3
augustus_masked-11-processed-gene-182.29-mRNA-1	Japonica	NA	Kinase-TM	Os11g0556400		Wall-associated receptor kinase 1
augustus_masked-11-processed-gene-182.53-mRNA-1	Japonica	NA		Os11g0557300	OsR498G1120348600.01.T01	BSD domain containing protein, expressed
augustus_masked-11-processed-gene-182.55-mRNA-1	Japonica	NA		Os11g0557300	OsR498G1120348600.01.T02	BSD domain containing protein, expressed
augustus_masked-11-processed-gene-182.58-mRNA-1	Japonica	Japonica	LRR-TM	Os11g0558400	OsR498G1120351600.01.T01	Leucine Rich Repeat family protein, expressed
augustus_masked-11-processed-gene-183.18-mRNA-1	Japonica	NA	LRR-TM			Leucine-rich repeat receptor protein kinase MSL1
augustus_masked-11-processed-gene-183.19-mRNA-1	Japonica	NA	LRR-NBS-TM	Os11g0560000	OsR498G1120357400.01.T01	Disease resistance protein RPM1
augustus_masked-11-processed-gene-183.4-mRNA-1	Japonica	NA	LRR-TM	Os11g0558900	OsR498G1120352700.01.T01	Leucine Rich Repeat family protein, expressed
augustus_masked-11-processed-gene-185.13-mRNA-1	Japonica	NA		Os08g0564800	OsR498G0816627600.01.T04	
augustus_masked-11-processed-gene-19.28-mRNA-1	Japonica	Japonica		Os11g0155900	OsR498G0611661000.01.T01	Histone domain-containing protein (Fragment)
augustus_masked-11-processed-gene-192.34-mRNA-1	Japonica	Japonica		Os11g0576700	OsR498G0815097600.01.T01	
augustus_masked-11-processed-gene-193.38-mRNA-1	Japonica	Indica		Os11g0578500	OsR498G1120404900.01.T02	J domain-containing protein
augustus_masked-11-processed-gene-197.22-mRNA-1	Japonica	NA		Os06g0272800	OsR498G0612082400.01.T01	Leaf senescence protein-like
augustus_masked-11-processed-gene-197.24-mRNA-1	Japonica	NA		Os11g0587100	OsR498G1120421800.01.T05	Pentatricopeptide repeat-containing protein
augustus_masked-11-processed-gene-198.19-mRNA-1	Japonica	NA			OsR498G1120424600.01.T01	Late embryogenesis abundant (LEA) hydroxyproline-rich glycoprotein family
augustus_masked-11-processed-gene-2.45-mRNA-1	Japonica	Japonica		Os11g0120000	OsR498G0612633600.01.T01	Harpin-induced protein 1 containing protein, expressed
augustus_masked-11-processed-gene-2.47-mRNA-1	Japonica	NA		Os12g0120100	OsR498G1119335000.01.T01	Eukaryotic translation initiation factor 2B family protein, putative, expressed
augustus_masked-11-processed-gene-2.65-mRNA-1	Japonica	NA	Kinase	Os11g0121800		Serine/threonine-protein kinase At5g01020
augustus_masked-11-processed-gene-20.42-mRNA-1	Japonica	NA		Os11g0157300	OsR498G1119449800.01.T01	Harpin-induced protein 1 containing protein, expressed
augustus_masked-11-processed-gene-200.69-mRNA-1	Japonica	NA		Os11g0592650		
augustus_masked-11-processed-gene-201.35-mRNA-1	Japonica	NA		Os11g0592900	OsR498G1120437600.01.T01	Thioredoxin
augustus_masked-11-processed-gene-201.62-mRNA-1	Japonica	NA		Os11g0593600		DUF295 domain-containing protein (Fragment)
augustus_masked-11-processed-gene-201.63-mRNA-1	Japonica	NA		Os11g0593700		DUF295 domain-containing protein (Fragment)
augustus_masked-11-processed-gene-201.65-mRNA-1	Japonica	NA			OsR498G1120440400.01.T03	DUF629 domain-containing protein
augustus_masked-11-processed-gene-201.67-mRNA-1	Japonica	NA		Os11g0594400	OsR498G1120441400.01.T01	DUF295 domain-containing protein
augustus_masked-11-processed-gene-203.21-mRNA-1	Japonica	NA	CC-NBS-TM	Os11g0598300	OsR498G1120448400.01.T01	Leucine Rich Repeat family protein, expressed
augustus_masked-11-processed-gene-204.54-mRNA-1	Japonica	NA		Os11g0599200	OsR498G1120454800.01.T01	Glycosyltransferase
augustus_masked-11-processed-gene-206.12-mRNA-1	Japonica	NA		Os11g0600500	OsR498G1120466600.01.T01	Putative calcium-binding protein CML45
augustus_masked-11-processed-gene-207.40-mRNA-1	Japonica	NA		Os11g0602800	OsR498G1120475600.01.T01	F-boxkelch-repeat protein skip11
augustus_masked-11-processed-gene-207.43-mRNA-1	Japonica	NA			OsR498G1120478400.01.T01	RNA recognition motif domain containing protein
augustus_masked-11-processed-gene-208.22-mRNA-1	Japonica	Japonica		Os11g0604500	OsR498G1019153500.01.T01	
augustus_masked-11-processed-gene-21.25-mRNA-1	Japonica	NA		Os11g0157900		
augustus_masked-11-processed-gene-211.2-mRNA-1	Japonica	NA	LRR	Os11g0609700		Disease resistance protein RPM1
augustus_masked-11-processed-gene-211.3-mRNA-1	Japonica	NA	CC-NBS-TM	Os11g0609700	OsR498G1120489600.01.T01	Disease resistance protein RPM1

augustus_masked-11-processed-gene-216.22-mRNA-1	Japonica	NA			OsR498G1120521200.01.T01	USP domain-containing protein
augustus_masked-11-processed-gene-217.29-mRNA-1	Japonica	NA		Os11g0621000	OsR498G1120525600.01.T03	C globular stage isoform 1
augustus_masked-11-processed-gene-218.4-mRNA-1	Japonica	NA		Os11g0622600	OsR498G1120530800.01.T01	BTB/POZ domain containing protein, expressed
augustus_masked-11-processed-gene-219.12-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os11g0623800	OsR498G1120539400.01.T03	Putative nucleotide-binding leucine-rich-repeat protein 1
augustus_masked-11-processed-gene-219.32-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os11g0624600	OsR498G1120543200.01.T03	GPCR kinase
augustus_masked-11-processed-gene-227.3-mRNA-1	Japonica	NA		Os11g0637200	OsR498G1120603000.01.T01	Polyol transporter 5
augustus_masked-11-processed-gene-228.26-mRNA-1	Japonica	NA	LRR-NBS-TM	Os11g0639600	OsR498G1120610200.01.T02	NB-ARC domain containing protein, expressed
augustus_masked-11-processed-gene-228.29-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os11g0640000	OsR498G1120611600.01.T01	Leucine Rich Repeat family protein, expressed
augustus_masked-11-processed-gene-23.33-mRNA-1	Japonica	NA		Os11g0162900		
augustus_masked-11-processed-gene-23.6-mRNA-1	Japonica	Japonica		Os11g0161033	OsR498G0611509300.01.T02	Ozone-responsive stress related protein
augustus_masked-11-processed-gene-234.34-mRNA-1	Japonica	NA		Os11g0649500	OsR498G1120645800.01.T01	
augustus_masked-11-processed-gene-236.22-mRNA-1	Japonica	NA	CC-NBS-TM	Os11g0653300		NBS-LRR type resistance protein-like
augustus_masked-11-processed-gene-237.27-mRNA-1	Japonica	NA	CC-NBS-TM	Os11g0654800	OsR498G1120666400.01.T01	Disease resistance protein RPM1
augustus_masked-11-processed-gene-239.33-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G1120676400.01.T02	Putative disease resistance RPP8-like protein 2
augustus_masked-11-processed-gene-240.39-mRNA-1	Japonica	Japonica		Os11g0659600	OsR498G1120730000.01.T01	Pectinesterase
augustus_masked-11-processed-gene-240.41-mRNA-1	Japonica	NA		Os11g0659700		Pectinesterase
augustus_masked-11-processed-gene-244.4-mRNA-1	Japonica	NA	CC-Kinase-TM	Os11g0664000	OsR498G1120691000.01.T01	L-type lectin-domain containing receptor kinase IX.1
augustus_masked-11-processed-gene-245.11-mRNA-1	Japonica	NA	CC-NBS	Os11g0668000	OsR498G1120693800.01.T01	Putative NBS-LRR class RGA
augustus_masked-11-processed-gene-245.12-mRNA-1	Japonica	NA		Os11g0668000	OsR498G1120693800.01.T01	Putative NBS-LRR class RGA
augustus_masked-11-processed-gene-245.30-mRNA-1	Japonica	NA		Os07g0543700	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-11-processed-gene-247.40-mRNA-1	Japonica	NA		Os11g0673000	OsR498G1120707000.01.T03	Pentatricopeptide repeat
augustus_masked-11-processed-gene-25.8-mRNA-1	Japonica	NA			OsR498G1119472200.01.T01	DNA-binding factor of bZIP class
augustus_masked-11-processed-gene-25.9-mRNA-1	Japonica	Japonica		Os11g0166201	OsR498G1220787900.01.T02	Enoyl-[acyl-carrier-protein] reductase, mitochondrial
augustus_masked-11-processed-gene-252.23-mRNA-1	Japonica	NA		Os11g0683700	OsR498G1120730000.01.T01	Pectinesterase
augustus_masked-11-processed-gene-253.37-mRNA-1	Japonica	NA	NBS-TM	Os11g0686900	OsR498G1120736800.01.T01	NBS-LRR disease resistance protein homologue-like
augustus_masked-11-processed-gene-259.11-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-11-processed-gene-260.33-mRNA-1	Japonica	Japonica		Os11g0701000	OsR498G1120761400.01.T01	Xylanase inhibitor protein I
augustus_masked-11-processed-gene-261.41-mRNA-1	Japonica	NA		Os11g0701900	OsR498G1120763800.01.T02	Xylanase inhibitor
augustus_masked-11-processed-gene-261.42-mRNA-1	Japonica	NA		Os11g0702100	OsR498G1120764000.01.T01	Xylanase inhibitor
augustus_masked-11-processed-gene-261.43-mRNA-1	Japonica	NA		Os11g0702200	OsR498G1120764200.01.T01	Xylanase inhibitor protein 1
augustus_masked-11-processed-gene-261.44-mRNA-1	Japonica	NA				Zinc finger protein ZAT5
augustus_masked-11-processed-gene-261.9-mRNA-1	Japonica	Japonica		Os11g0701000	OsR498G1120761400.01.T01	Xylanase inhibitor protein I
augustus_masked-11-processed-gene-263.100-mRNA-1	Japonica	NA		Os11g0707900	OsR498G1120777600.01.T01	UPF0503 protein, chloroplastic
augustus_masked-11-processed-gene-263.91-mRNA-1	Japonica	NA		Os11g0707100	OsR498G1120775000.01.T01	Chloroplast ribulose biphosphate carboxylase/oxygenase activase
augustus_masked-11-processed-gene-263.95-mRNA-1	Japonica	NA		Os11g0707300		Putative transcriptional regulator RABBIT EARS
augustus_masked-11-processed-gene-27.55-mRNA-1	Japonica	NA		Os01g0647800	OsR498G0101650800.01.T02	
augustus_masked-11-processed-gene-27.58-mRNA-1	Japonica	NA		Os11g0168000	OsR498G1119478400.01.T01	Egg cell-secreted protein 1.4
augustus_masked-11-processed-gene-28.24-mRNA-1	Japonica	NA		Os11g0169600		Hyccin
augustus_masked-11-processed-gene-28.25-mRNA-1	Japonica	NA		Os11g0169700	OsR498G1119484000.01.T03	Aldehyde oxidase glox
augustus_masked-11-processed-gene-29.21-mRNA-1	Japonica	Indica		Os11g0171400	OsR498G1119486600.01.T01	Integrator complex subunit 3 isogeny
augustus_masked-11-processed-gene-3.21-mRNA-1	Japonica	NA		Os11g0123033	OsR498G1119343800.01.T03	Amidase signature enzyme
augustus_masked-11-processed-gene-32.50-mRNA-1	Japonica	NA		Os11g0175700	OsR498G1119504600.01.T02	TCP transcription factor
augustus_masked-11-processed-gene-34.21-mRNA-1	Japonica	Indica		Os11g0179100	OsR498G1119516000.01.T01	Pterocarpan synthase 1
augustus_masked-11-processed-gene-34.5-mRNA-1	Japonica	NA		Os11g0178800	OsR498G1119514600.01.T02	Dirigent protein 15
augustus_masked-11-processed-gene-34.6-mRNA-1	Japonica	NA		Os11g0179000	OsR498G1119515000.01.T01	Dirigent protein (Fragment)
augustus_masked-11-processed-gene-36.6-mRNA-1	Japonica	Japonica		Os11g0182100	OsR498G1119524400.01.T01	keratin, type II cytoskeletal 2 epidermal
augustus_masked-11-processed-gene-37.45-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-11-processed-gene-40.22-mRNA-1	Japonica	NA		Os07g0433200	OsR498G0510328900.01.T01	Retrotransposon protein, putative, Ty1-copia subclass
augustus_masked-11-processed-gene-40.23-mRNA-1	Japonica	NA		Os07g0433200	OsR498G0510328900.01.T01	Retrotransposon protein, putative, Ty1-copia subclass
augustus_masked-11-processed-gene-45.46-mRNA-1	Japonica	NA		Os11g0264900		Peptidylprolyl isomerase
augustus_masked-11-processed-gene-49.6-mRNA-1	Japonica	NA		Os11g0270000	OsR498G1119787000.01.T01	
augustus_masked-11-processed-gene-52.26-mRNA-1	Japonica	NA		Os05g0269800	OsR498G0409509300.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus_masked-11-processed-gene-52.5-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-11-processed-gene-54.29-mRNA-1	Japonica	Japonica		Os11g0256100	OsR498G1119726400.01.T03	Acetohydroxy-acid synthase small subunit
augustus_masked-11-processed-gene-54.33-mRNA-1	Japonica	NA			OsR498G1119728000.01.T01	
augustus_masked-11-processed-gene-56.8-mRNA-1	Japonica	NA		Os11g0258900		
augustus_masked-11-processed-gene-57.10-mRNA-1	Japonica	NA	CC-LRR-NBS-TM		OsR498G1119693000.01.T02	Putative nucleotide-binding leucine-rich-repeat protein 1
augustus_masked-11-processed-gene-57.11-mRNA-1	Japonica	Indica		Os06g0103200	OsR498G1119695000.01.T01	N-hydroxycinnamoyl benzoyltransferase-like protein
augustus_masked-11-processed-gene-58.3-mRNA-1	Japonica	NA		Os11g0244600	OsR498G1119697000.01.T01	Clathrin assembly protein
augustus_masked-11-processed-gene-58.5-mRNA-1	Japonica	NA		Os11g0244900		FAR1 domain-containing protein
augustus_masked-11-processed-gene-59.18-mRNA-1	Japonica	NA		Os11g0247000	OsR498G1119707600.01.T01	

augustus_masked-11-processed-gene-59.4-mRNA-1	Japonica	NA			OsR498G1119701200.01.T01	UDP-glycosyltransferase-like
augustus_masked-11-processed-gene-59.6-mRNA-1	Japonica	NA		Os11g0246200	OsR498G1119702200.01.T01	F-box/kelch-repeat protein SKIP20
augustus_masked-11-processed-gene-6.97-mRNA-1	Japonica	NA		Os11g0127900	OsR498G1119354800.01.T01	Small subunit ribosomal protein S16e
augustus_masked-11-processed-gene-60.24-mRNA-1	Japonica	NA		Os11g0247500		FtsJ domain-containing protein
augustus_masked-11-processed-gene-63.31-mRNA-1	Japonica	NA		Os11g0195700	OsR498G1119554600.01.T01	Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase
augustus_masked-11-processed-gene-65.23-mRNA-1	Japonica	NA		Os11g0199600	OsR498G1119568600.01.T01	Zinc finger CCHC domain-containing protein 10
augustus_masked-11-processed-gene-7.27-mRNA-1	Japonica	NA				
augustus_masked-11-processed-gene-7.31-mRNA-1	Japonica	NA			OsR498G1119367200.01.T01	Histone-lysine N-methyltransferase H3 lysine-9 specific SUVH3
augustus_masked-11-processed-gene-7.32-mRNA-1	Japonica	NA		Os11g0132100	OsR498G1119369000.01.T01	PMEI domain-containing protein (Fragment)
augustus_masked-11-processed-gene-7.7-mRNA-1	Japonica	NA		Os11g0130400	OsR498G1119364000.01.T01	Harpin-induced protein 1 containing protein, expressed
augustus_masked-11-processed-gene-70.20-mRNA-1	Japonica	Japonica		Os11g0207300	OsR498G1119592200.01.T01	Ribosome-recycling factor
augustus_masked-11-processed-gene-70.21-mRNA-1	Japonica	NA	NBS-TM	Os11g0207400		NB-ARC domain-containing protein
augustus_masked-11-processed-gene-71.36-mRNA-1	Japonica	Indica	Kinase-TM	Os04g0103700	OsR498G1119598200.01.T01	Non-specific serine/threonine protein kinase (Fragment)
augustus_masked-11-processed-gene-73.23-mRNA-1	Japonica	NA		Os11g0210201	OsR498G1119605600.01.T01	
augustus_masked-11-processed-gene-74.40-mRNA-1	Japonica	NA	Kinase-LRR-TM			Putative LRR receptor-like serine/threonine-protein kinase (Fragment)
augustus_masked-11-processed-gene-76.32-mRNA-1	Japonica	Japonica		Os11g0215400	OsR498G1119618400.01.T01	Eukaryotic aspartyl protease family protein, expressed
augustus_masked-11-processed-gene-76.33-mRNA-1	Japonica	NA			OsR498G1119618800.01.T01	Carboxyl-terminal peptidase, putative, expressed
augustus_masked-11-processed-gene-77.16-mRNA-1	Japonica	NA		Os11g0216400	OsR498G1119621400.01.T01	Multiple organellar RNA editing factor 1 mitochondrial
augustus_masked-11-processed-gene-8.106-mRNA-1	Japonica	NA	Kinase-TM	Os11g0133100	OsR498G1119372000.01.T01	Receptor-like serine/threonine-protein kinase
augustus_masked-11-processed-gene-8.107-mRNA-1	Japonica	Japonica		Os11g0133200	OsR498G0306499400.01.T02	PPR domain-containing protein
augustus_masked-11-processed-gene-8.108-mRNA-1	Japonica	NA	Kinase-TM	Os11g0133500	OsR498G1220884400.01.T01	Receptor-like serine/threonine-protein kinase
augustus_masked-11-processed-gene-8.82-mRNA-1	Japonica	Indica		Os11g0132100	OsR498G1119369400.01.T01	PMEI domain-containing protein
augustus_masked-11-processed-gene-80.5-mRNA-1	Japonica	NA	Kinase-TM	Os11g0222000	OsR498G1119637400.01.T01	Serine/threonine-protein kinase-like protein CCR4
augustus_masked-11-processed-gene-81.41-mRNA-1	Japonica	NA		Os11g0224400	OsR498G1119640600.01.T01	
augustus_masked-11-processed-gene-81.43-mRNA-1	Japonica	NA		Os11g0224600	OsR498G1119641200.01.T01	
augustus_masked-11-processed-gene-81.45-mRNA-1	Japonica	Japonica	LRR-TM	Os11g0224900	OsR498G1119642200.01.T01	NBS-LRR type protein (Fragment)
augustus_masked-11-processed-gene-82.26-mRNA-1	Japonica	Indica	CC-NBS-TM	Os11g0226933	OsR498G1119644200.01.T01	NBS-LRR type protein (Fragment)
augustus_masked-11-processed-gene-83.18-mRNA-1	Japonica	NA	CC-LRR-NBS-TM			NBS-LRR type protein (Fragment)
augustus_masked-11-processed-gene-85.7-mRNA-1	Japonica	Indica	LRR-TM	Os11g0232100	OsR498G1119658200.01.T01	Receptor protein-tyrosine kinase CEPR2
augustus_masked-11-processed-gene-88.41-mRNA-1	Japonica	NA			OsR498G1119676200.01.T01	Serpin (Serine protease inhibitor)
augustus_masked-11-processed-gene-88.46-mRNA-1	Japonica	Japonica		Os11g0240000	OsR498G1119681000.01.T01	Gibberellin receptor GID1L2
augustus_masked-11-processed-gene-88.49-mRNA-1	Japonica	NA		Os11g0240600	OsR498G1119681000.01.T01	Gibberellin receptor GID1L2
augustus_masked-12-processed-gene-1.54-mRNA-1	Japonica	NA		Os11g0100800	OsR498G1220784400.01.T01	
augustus_masked-12-processed-gene-1.78-mRNA-1	Japonica	NA		Os12g0102300	OsR498G1220788600.01.T03	NEDD8-specific protease 1
augustus_masked-12-processed-gene-10.8-mRNA-1	Japonica	NA		Os12g0120100	OsR498G1119335000.01.T01	Eukaryotic translation initiation factor 2B family protein, putative, expressed
augustus_masked-12-processed-gene-100.19-mRNA-1	Japonica	NA				Retrotransposon protein, putative, Ty1-copia subclass
augustus_masked-12-processed-gene-100.23-mRNA-1	Japonica	NA	CC-NBS-TM			NBS-LRR disease resistance protein, putative
augustus_masked-12-processed-gene-101.18-mRNA-1	Japonica	NA		Os04g0563600	OsR498G0204553600.01.T01	
augustus_masked-12-processed-gene-102.18-mRNA-1	Japonica	NA	CC-NBS-TM	Os12g0273000	OsR498G1221277200.01.T02	Disease resistance protein RPM1
augustus_masked-12-processed-gene-103.25-mRNA-1	Japonica	NA		Os12g0275201		
augustus_masked-12-processed-gene-104.26-mRNA-1	Japonica	NA			OsR498G1221290600.01.T01	Polyubiquitin 9
augustus_masked-12-processed-gene-108.24-mRNA-1	Japonica	NA	NBS-TM PITA	Os12g0281300	OsR498G1221311800.01.T01	Blast resistance protein Pi-ta
augustus_masked-12-processed-gene-109.7-mRNA-1	Japonica	Japonica		Os12g0282000	OsR498G1221316000.01.T02	
augustus_masked-12-processed-gene-111.17-mRNA-1	Japonica	NA		Os12g0286200	OsR498G1221327800.01.T01	
augustus_masked-12-processed-gene-123.23-mRNA-1	Japonica	NA		Os02g0319400		GST C-terminal domain-containing protein
augustus_masked-12-processed-gene-126.16-mRNA-1	Japonica	Indica		Os12g0407400	OsR498G1221371000.01.T01	MADS-box domain-containing protein (Fragment)
augustus_masked-12-processed-gene-126.33-mRNA-1	Japonica	NA		Os12g0407300		Mitochondrial protein ymf11
augustus_masked-12-processed-gene-126.35-mRNA-1	Japonica	Japonica		Os12g0407400	OsR498G1221371000.01.T01	MADS-box domain-containing protein (Fragment)
augustus_masked-12-processed-gene-127.3-mRNA-1	Japonica	NA			OsR498G1221373700.01.T01	
augustus_masked-12-processed-gene-14.78-mRNA-1	Japonica	Indica		Os11g0132100	OsR498G1220875000.01.T01	PMEI domain-containing protein (Fragment)
augustus_masked-12-processed-gene-149.15-mRNA-1	Japonica	NA		Os12g0435200	OsR498G1221463200.01.T01	Carotenoid cleavage dioxygenase
augustus_masked-12-processed-gene-15.24-mRNA-1	Japonica	NA	Kinase-TM	Os12g0130300	OsR498G1119372000.01.T01	Receptor-like serine/threonine-protein kinase
augustus_masked-12-processed-gene-15.26-mRNA-1	Japonica	NA	Kinase-TM	Os11g0133100	OsR498G1119373100.01.T01	Receptor-like serine/threonine-protein kinase
augustus_masked-12-processed-gene-15.29-mRNA-1	Japonica	NA	Kinase-TM	Os11g0133500	OsR498G1220884400.01.T01	Receptor-like serine/threonine-protein kinase
augustus_masked-12-processed-gene-152.21-mRNA-1	Japonica	NA		Os12g0438900	OsR498G1221472800.01.T01	Signal peptidase complex subunit like
augustus_masked-12-processed-gene-155.9-mRNA-1	Japonica	NA		Os12g0442700	OsR498G1221505800.01.T01	
augustus_masked-12-processed-gene-161.13-mRNA-1	Japonica	NA			OsR498G1221521800.01.T01	
augustus_masked-12-processed-gene-161.18-mRNA-1	Japonica	NA			OsR498G1221525000.01.T01	Peptidase A1 domain-containing protein
augustus_masked-12-processed-gene-162.11-mRNA-1	Japonica	Indica		Os12g0453500	OsR498G1221528600.01.T01	
augustus_masked-12-processed-gene-178.3-mRNA-1	Japonica	NA		Os12g0470700	OsR498G1221574600.01.T01	Adenosinetriphosphatase
augustus_masked-12-processed-gene-182.6-mRNA-1	Japonica	NA		Os03g0126900		

augustus_masked-12-processed-gene-189.7-mRNA-1	Japonica	NA			OsR498G0101192000.01.T01	Zinc knuckle containing protein-like
augustus_masked-12-processed-gene-189.9-mRNA-1	Japonica	NA			OsR498G0307015300.01.T01	Retrotransposon protein, putative, unclassified, expressed
augustus_masked-12-processed-gene-19.38-mRNA-1	Japonica	Japonica		Os12g0134600	OsR498G1220896200.01.T01	Tryptamine hydroxycinnamoyltransferase 2
augustus_masked-12-processed-gene-19.44-mRNA-1	Japonica	NA		Os06g0688500	OsR498G0510924300.01.T03	
augustus_masked-12-processed-gene-191.5-mRNA-1	Japonica	NA			OsR498G1221637400.01.T01	
augustus_masked-12-processed-gene-192.21-mRNA-1	Japonica	NA	NBS-TM	Os12g0489800	OsR498G1221649100.01.T01	NB-ARC domain-containing protein
augustus_masked-12-processed-gene-192.6-mRNA-1	Japonica	NA		Os12g0488900	OsR498G1221645800.01.T01	Pumilio 12 like
augustus_masked-12-processed-gene-20.10-mRNA-1	Japonica	NA			OsR498G1220902200.01.T01	NAC domain-containing protein
augustus_masked-12-processed-gene-20.28-mRNA-1	Japonica	Indica		Os12g0137600	OsR498G1220904600.01.T01	Alpha-galactosidase
augustus_masked-12-processed-gene-20.29-mRNA-1	Japonica	NA		Os12g0137700	OsR498G1220904600.01.T02	Alpha-galactosidase
augustus_masked-12-processed-gene-20.32-mRNA-1	Japonica	NA			OsR498G1119398600.01.T01	Scarecrow-like protein 3
augustus_masked-12-processed-gene-20.33-mRNA-1	Japonica	NA			OsR498G1220906800.01.T01	GRAS domain-containing protein (Fragment)
augustus_masked-12-processed-gene-203.27-mRNA-1	Japonica	Japonica		Os12g0506100	OsR498G1221682400.01.T01	
augustus_masked-12-processed-gene-203.42-mRNA-1	Japonica	NA			OsR498G1221685900.01.T04	Autophagy 10 variant 1
augustus_masked-12-processed-gene-203.47-mRNA-1	Japonica	NA		Os12g0506500		Calmodulin-binding protein
augustus_masked-12-processed-gene-203.49-mRNA-1	Japonica	NA		Os12g0507400	OsR498G1221689000.01.T01	
augustus_masked-12-processed-gene-204.23-mRNA-1	Japonica	NA			OsR498G0100073600.01.T01	RNA binding protein
augustus_masked-12-processed-gene-205.48-mRNA-1	Japonica	Indica		Os12g0510750	OsR498G1221701800.01.T01	
augustus_masked-12-processed-gene-207.17-mRNA-1	Japonica	Indica		Os12g0512700	OsR498G1221706000.01.T05	Pleiotropic drug resistance protein 3
augustus_masked-12-processed-gene-21.40-mRNA-1	Japonica	NA			OsR498G1220912200.01.T01	
augustus_masked-12-processed-gene-21.42-mRNA-1	Japonica	NA		Os12g0140700	OsR498G1220912600.01.T01	RING finger protein 44
augustus_masked-12-processed-gene-23.34-mRNA-1	Japonica	NA		Os12g0142600	OsR498G1220919200.01.T02	tRNA-uridine aminocarboxypropyltransferase
augustus_masked-12-processed-gene-23.36-mRNA-1	Japonica	Indica		Os02g0711400	OsR498G1220919400.01.T01	RING-type domain-containing protein
augustus_masked-12-processed-gene-23.54-mRNA-1	Japonica	NA		Os12g0143300	OsR498G1220920800.01.T05	Excinuclease ABC C subunit N-terminal
augustus_masked-12-processed-gene-230.38-mRNA-1	Japonica	NA		Os12g0557800	OsR498G1221868800.01.T03	Putative pentatricopeptide repeat-containing protein, mitochondrial
augustus_masked-12-processed-gene-233.33-mRNA-1	Japonica	Indica		Os10g0122000	OsR498G1221881400.01.T01	Glycosyltransferase
augustus_masked-12-processed-gene-238.53-mRNA-1	Japonica	NA		Os12g0571300	OsR498G1221911600.01.T01	Microneme/rhoptry antigen
augustus_masked-12-processed-gene-240.15-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1221922000.01.T01	Mitogen-activated protein kinase kinase kinase
augustus_masked-12-processed-gene-240.16-mRNA-1	Japonica	Japonica		Os12g0574800	OsR498G1221924200.01.T03	Transcription initiation factor TFIID subunit 8
augustus_masked-12-processed-gene-240.4-mRNA-1	Japonica	NA			OsR498G1221920600.01.T01	rRNA N-glycosidase
augustus_masked-12-processed-gene-241.20-mRNA-1	Japonica	NA		Os10g0186900	OsR498G0101463500.01.T01	FBD domain-containing protein
augustus_masked-12-processed-gene-250.25-mRNA-1	Japonica	NA		Os12g0590400	OsR498G1222005000.01.T01	DUF1618 domain-containing protein (Fragment)
augustus_masked-12-processed-gene-253.75-mRNA-1	Japonica	NA			OsR498G1222033000.01.T01	Ring finger protein, putative
augustus_masked-12-processed-gene-255.40-mRNA-1	Japonica	NA			OsR498G1222046400.01.T01	Pectinesterase inhibitor domain containing protein, expressed
augustus_masked-12-processed-gene-259.67-mRNA-1	Japonica	NA		Os12g0606000		Gnk2-homologous domain-containing protein (Fragment)
augustus_masked-12-processed-gene-26.21-mRNA-1	Japonica	NA		Os12g0149300	OsR498G1220943800.01.T01	Putative xyloglucan 6-xylosyltransferase
augustus_masked-12-processed-gene-26.24-mRNA-1	Japonica	NA		Os12g0150100	OsR498G1220945800.01.T01	KOW domain-containing protein
augustus_masked-12-processed-gene-26.25-mRNA-1	Japonica	NA		Os12g0150200	OsR498G1220946600.01.T01	Cytochrome P450 family protein, expressed
augustus_masked-12-processed-gene-260.34-mRNA-1	Japonica	NA		Os12g0166700	OsR498G1120733700.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-12-processed-gene-260.37-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1222080800.01.T01	Lectin protein kinase, putative, expressed
augustus_masked-12-processed-gene-260.42-mRNA-1	Japonica	NA		Os12g0609600	OsR498G1222082800.01.T01	Small auxin up regulated protein
augustus_masked-12-processed-gene-261.35-mRNA-1	Japonica	Japonica		Os12g0609900	OsR498G1222083400.01.T01	F-box domain containing protein expressed
augustus_masked-12-processed-gene-261.37-mRNA-1	Japonica	NA		Os12g0610300		Formin-like protein 5
augustus_masked-12-processed-gene-264.61-mRNA-1	Japonica	NA		Os12g0615800	OsR498G1222106200.01.T03	Septin and tuftelin-interacting protein 1
augustus_masked-12-processed-gene-265.12-mRNA-1	Japonica	NA		Os12g0616800	OsR498G1222111000.01.T01	101 kDa malaria antigen-like
augustus_masked-12-processed-gene-265.14-mRNA-1	Japonica	NA		Os12g0617001		C2H2-type zinc-finger transcription factor (Fragment)
augustus_masked-12-processed-gene-27.26-mRNA-1	Japonica	Japonica		Os12g0150750	OsR498G1220948000.01.T01	Purple acid phosphatase
augustus_masked-12-processed-gene-27.29-mRNA-1	Japonica	NA		Os12g0152200		DUF295 domain-containing protein
augustus_masked-12-processed-gene-272.42-mRNA-1	Japonica	Japonica		Os12g0628600	OsR498G1222150400.01.T01	Thaumatococcus-like protein (Fragment)
augustus_masked-12-processed-gene-3.8-mRNA-1	Japonica	NA		Os12g0104900	OsR498G1220796000.01.T01	Probable calcium-binding protein CML31
augustus_masked-12-processed-gene-34.46-mRNA-1	Japonica	NA		Os12g0163500	OsR498G1221003600.01.T02	GTgamma-3
augustus_masked-12-processed-gene-34.47-mRNA-1	Japonica	NA		Os12g0163600	OsR498G1221004000.01.T01	Pentatricopeptide repeat
augustus_masked-12-processed-gene-36.32-mRNA-1	Japonica	NA		Os04g0429450	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-12-processed-gene-42.49-mRNA-1	Japonica	NA			OsR498G1221045400.01.T01	
augustus_masked-12-processed-gene-44.69-mRNA-1	Japonica	NA			OsR498G1221053400.01.T01	
augustus_masked-12-processed-gene-50.21-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G1221076200.01.T01	Disease resistance protein RPM1
augustus_masked-12-processed-gene-51.11-mRNA-1	Japonica	Japonica		Os12g0195100	OsR498G1221047500.01.T01	Amino acid permease 2
augustus_masked-12-processed-gene-51.5-mRNA-1	Japonica	NA		Os12g0194800		tRNA pseudouridine synthase
augustus_masked-12-processed-gene-51.9-mRNA-1	Japonica	NA		Os07g0561900	OsR498G0100572500.01.T01	Thiamine diphosphokinase
augustus_masked-12-processed-gene-57.32-mRNA-1	Japonica	Japonica	NBS-TM	Os12g0205500	OsR498G1221100000.01.T02	NB-ARC domain containing protein, expressed
augustus_masked-12-processed-gene-59.18-mRNA-1	Japonica	NA	CC-NBS-TM			Disease resistance protein RGA2

augustus_masked-12-processed-gene-60.19-mRNA-1	Japonica	Japonica	LRR-TM	Os12g0211500	OsR498G1221115800.01.T01	Leucine Rich Repeat family protein, expressed
augustus_masked-12-processed-gene-60.2-mRNA-1	Japonica	NA		Os12g0210500	OsR498G1221110600.01.T01	
augustus_masked-12-processed-gene-69.26-mRNA-1	Japonica	NA			OsR498G0100073600.01.T01	RNA binding protein
augustus_masked-12-processed-gene-7.58-mRNA-1	Japonica	NA			OsR498G1220822400.01.T01	Protein kinase domain-containing protein
augustus_masked-12-processed-gene-7.59-mRNA-1	Japonica	NA	Kinase-TM	Os12g0113500	OsR498G1220822800.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-12-processed-gene-7.62-mRNA-1	Japonica	NA			OsR498G1119316400.01.T01	Laminin subunit alpha-5 (Fragment)
augustus_masked-12-processed-gene-70.36-mRNA-1	Japonica	NA		Os12g0225300		FAR1 domain-containing protein
augustus_masked-12-processed-gene-73.22-mRNA-1	Japonica	NA		Os12g0230133	OsR498G1221156200.01.T01	UVR domain-containing protein
augustus_masked-12-processed-gene-75.47-mRNA-1	Japonica	NA		Os12g0233200	OsR498G1221165600.01.T05	Selenium-binding protein-like protein
augustus_masked-12-processed-gene-78.39-mRNA-1	Japonica	Indica		Os09g0552200	OsR498G1221184800.01.T01	
augustus_masked-12-processed-gene-8.23-mRNA-1	Japonica	NA		Os11g0116500	OsR498G1119324200.01.T02	
augustus_masked-12-processed-gene-80.15-mRNA-1	Japonica	NA			OsR498G1221193800.01.T01	
augustus_masked-12-processed-gene-81.3-mRNA-1	Japonica	NA		Os12g0242100	OsR498G1221196400.01.T01	
augustus_masked-12-processed-gene-9.51-mRNA-1	Japonica	NA		Os12g0117400	OsR498G1220835700.01.T01	Root phototropism protein 2
augustus_masked-12-processed-gene-96.38-mRNA-1	Japonica	NA			OsR498G1221247400.01.T01	
augustus_masked-2-processed-gene-120.57-mRNA-1	Japonica	Indica		Os08g0543050	OsR498G0203525000.01.T01	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase
augustus_masked-2-processed-gene-128.31-mRNA-1	Japonica	NA		Os02g0321000	OsR498G0203567200.01.T02	Fertility restorer
augustus_masked-2-processed-gene-155.20-mRNA-1	Japonica	NA			OsR498G0100463800.01.T01	HGWP repeat containing protein-like
augustus_masked-2-processed-gene-162.2-mRNA-1	Japonica	NA			OsR498G0203777900.01.T01	
augustus_masked-2-processed-gene-184.28-mRNA-1	Japonica	NA			OsR498G0203894800.01.T01	
augustus_masked-2-processed-gene-186.16-mRNA-1	Japonica	NA			OsR498G1120154400.01.T01	
augustus_masked-2-processed-gene-195.15-mRNA-1	Japonica	NA		Os02g0523800	OsR498G0203962500.01.T02	Inositol polyphosphate multikinase
augustus_masked-2-processed-gene-220.18-mRNA-1	Japonica	NA			OsR498G0204142300.01.T01	Hepatoma-derived growth factor-related protein 2-like
augustus_masked-2-processed-gene-258.41-mRNA-1	Japonica	Indica		Os01g0721800	OsR498G0204358400.01.T01	Fusarium resistance protein I2C-5-like
augustus_masked-2-processed-gene-307.71-mRNA-1	Japonica	NA		Os02g0721200		Ubiquitin-conjugating enzyme E2 5
augustus_masked-2-processed-gene-367.74-mRNA-1	Japonica	NA		Os02g0780200	OsR498G0204877800.01.T01	Subtilisin-like protease
augustus_masked-2-processed-gene-376.26-mRNA-1	Japonica	NA		Os02g0798450	OsR498G0204942600.01.T01	
augustus_masked-2-processed-gene-393.133-mRNA-1	Japonica	Indica		Os02g0832700	OsR498G0205054700.01.T03	Metal tolerance protein 5
augustus_masked-2-processed-gene-54.4-mRNA-1	Japonica	Indica		Os02g0194900	OsR498G0203147100.01.T01	Transcription factor TGA1
augustus_masked-2-processed-gene-66.43-mRNA-1	Japonica	NA			OsR498G1221141800.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-2-processed-gene-78.49-mRNA-1	Japonica	NA		Os02g0235600	OsR498G0203297700.01.T02	Ribosomal L5P family protein isoform 1
augustus_masked-2-processed-gene-87.31-mRNA-1	Japonica	NA		Os02g0254550		BED-type domain-containing protein
augustus_masked-2-processed-gene-88.59-mRNA-1	Japonica	NA		Os02g0255000	OsR498G0203347800.01.T01	Cyclic nucleotide-gated ion channel 1
augustus_masked-3-processed-gene-1.13-mRNA-1	Japonica	NA		Os03g0106900	OsR498G0305087100.01.T01	Group I pollen allergen
augustus_masked-3-processed-gene-1.25-mRNA-1	Japonica	NA		Os03g0106800	OsR498G0305087800.01.T01	Group I pollen allergen
augustus_masked-3-processed-gene-100.35-mRNA-1	Japonica	NA				
augustus_masked-3-processed-gene-100.44-mRNA-1	Japonica	NA		Os03g0294500		Trihelix transcription factor ASIL2
augustus_masked-3-processed-gene-100.58-mRNA-1	Japonica	Indica		Os03g0295300	OsR498G0305748800.01.T01	
augustus_masked-3-processed-gene-101.64-mRNA-1	Japonica	NA			OsR498G0305753100.01.T01	(1->3)-beta-glucan endohydrolase
augustus_masked-3-processed-gene-101.65-mRNA-1	Japonica	NA		Os03g0296600	OsR498G0305753300.01.T01	Egg cell-secreted protein 1.1
augustus_masked-3-processed-gene-101.81-mRNA-1	Japonica	NA		Os03g0295800	OsR498G0305751000.01.T04	Gamma interferon inducible lysosomal thiol reductase GILT
augustus_masked-3-processed-gene-102.36-mRNA-1	Japonica	NA		Os03g0297600	OsR498G0305756400.01.T01	Abscisic acid receptor 7
augustus_masked-3-processed-gene-103.14-mRNA-1	Japonica	Indica		Os07g0690900	OsR498G0305770700.01.T01	COBRA-like protein 7
augustus_masked-3-processed-gene-103.2-mRNA-1	Japonica	NA		Os03g0300100		
augustus_masked-3-processed-gene-103.23-mRNA-1	Japonica	NA		Os03g0300500	OsR498G0305767200.01.T01	Pectinesterase
augustus_masked-3-processed-gene-103.25-mRNA-1	Japonica	NA		Os03g0300700		
augustus_masked-3-processed-gene-103.6-mRNA-1	Japonica	NA		Os03g0299800	OsR498G0305764800.01.T01	Protein PLANT CADMIUM RESISTANCE 7
augustus_masked-3-processed-gene-103.7-mRNA-1	Japonica	NA			OsR498G0714024600.01.T01	
augustus_masked-3-processed-gene-103.8-mRNA-1	Japonica	Indica		Os03g0300000	OsR498G0305766000.01.T01	Xyloglucan xylosyltransferase
augustus_masked-3-processed-gene-104.16-mRNA-1	Japonica	NA		Os03g0302800	OsR498G0305774900.01.T01	Beta-fructofuranosidase, insoluble isoenzyme CWINV6 (Fragment)
augustus_masked-3-processed-gene-104.18-mRNA-1	Japonica	NA		Os03g0303100	OsR498G0305776300.01.T01	Calmodulin-binding protein-like
augustus_masked-3-processed-gene-104.2-mRNA-1	Japonica	NA		Os03g0301950	OsR498G0305773500.01.T01	Peroxisomal membrane protein like
augustus_masked-3-processed-gene-104.3-mRNA-1	Japonica	NA		Os03g0302000	OsR498G0305773700.01.T02	Peroxisomal membrane protein like
augustus_masked-3-processed-gene-106.38-mRNA-1	Japonica	NA			OsR498G0305786100.01.T01	Argininosuccinate lyase
augustus_masked-3-processed-gene-106.47-mRNA-1	Japonica	NA		Os03g0305200		Multidrug resistance protein ABC transporter family protein
augustus_masked-3-processed-gene-106.55-mRNA-1	Japonica	Japonica		Os03g0306100	OsR498G0305787900.01.T01	Xyloglucan 6-xylosyltransferase 2
augustus_masked-3-processed-gene-106.57-mRNA-1	Japonica	Japonica		Os03g0306800	OsR498G0100750200.01.T01	CP12 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-106.65-mRNA-1	Japonica	Japonica		Os03g0305800	OsR498G0305787900.01.T01	Xyloglucan 6-xylosyltransferase 2
augustus_masked-3-processed-gene-107.1-mRNA-1	Japonica	NA		Os03g0307200	OsR498G0305791800.01.T01	Nicotianamine synthase
augustus_masked-3-processed-gene-107.11-mRNA-1	Japonica	NA		Os03g0307900		
augustus_masked-3-processed-gene-107.12-mRNA-1	Japonica	NA		Os03g0308000	OsR498G0305793900.01.T03	Ubiquitin-conjugating enzyme like

augustus_masked-3-processed-gene-108.42-mRNA-1	Japonica	NA		Os03g0309800	OsR498G0305799900.01.T04	Pentatricopeptide repeat-containing protein, chloroplastic
augustus_masked-3-processed-gene-109.2-mRNA-1	Japonica	NA		Os03g0311600	OsR498G0305805500.01.T01	Transcription factor bHLH148
augustus_masked-3-processed-gene-110.41-mRNA-1	Japonica	NA		Os03g0314400	OsR498G0305815500.01.T05	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-3-processed-gene-111.43-mRNA-1	Japonica	NA			OsR498G0100075100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-3-processed-gene-112.0-mRNA-1	Japonica	NA		Os03g0317100	OsR498G0305825700.01.T04	Pentatricopeptide repeat-containing protein, mitochondrial
augustus_masked-3-processed-gene-112.1-mRNA-1	Japonica	NA		Os03g0317300	OsR498G0305826500.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-112.15-mRNA-1	Japonica	NA		Os03g0318400	OsR498G0305828500.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-112.16-mRNA-1	Japonica	NA			OsR498G0305830700.01.T01	VQ motif family protein expressed
augustus_masked-3-processed-gene-113.14-mRNA-1	Japonica	NA		Os03g0320900	OsR498G0305839500.01.T03	Guanylate kinase
augustus_masked-3-processed-gene-113.22-mRNA-1	Japonica	NA		Os03g0320500	OsR498G0305836200.01.T01	VQ domain-containing protein
augustus_masked-3-processed-gene-114.35-mRNA-1	Japonica	NA		Os03g0321300	OsR498G0305840900.01.T01	F-box domain containing protein, expressed
augustus_masked-3-processed-gene-114.60-mRNA-1	Japonica	NA		Os03g0321800	OsR498G0305845000.01.T04	Lipoyl(octanoyl) transferase
augustus_masked-3-processed-gene-118.15-mRNA-1	Japonica	NA		Os03g0103300	OsR498G0305077300.01.T01	AAI domain-containing protein (Fragment)
augustus_masked-3-processed-gene-119.28-mRNA-1	Japonica	NA		Os10g0557900	OsR498G1019184200.01.T01	Metalloendoproteinase
augustus_masked-3-processed-gene-119.31-mRNA-1	Japonica	NA		Os10g0557900	OsR498G1019184200.01.T01	ZnMc domain-containing protein (Fragment)
augustus_masked-3-processed-gene-119.9-mRNA-1	Japonica	NA		Os03g0104400	OsR498G0305808200.01.T01	PB1 domain-containing protein
augustus_masked-3-processed-gene-12.55-mRNA-1	Japonica	NA	Kinase-TM	Os03g0124200	OsR498G0305151700.01.T01	Receptor-like protein kinase HERK 1 isoform A
augustus_masked-3-processed-gene-12.56-mRNA-1	Japonica	Indica		Os03g0124300	OsR498G0305151900.01.T04	Malectin-like carbohydrate-binding domain
augustus_masked-3-processed-gene-121.47-mRNA-1	Japonica	NA		Os10g0560700	OsR498G1019194600.01.T01	Ethylene-responsive transcription factor TINY-like
augustus_masked-3-processed-gene-125.65-mRNA-1	Japonica	NA		Os04g0559000	OsR498G1019224100.01.T01	Subtilisin-like protease
augustus_masked-3-processed-gene-125.67-mRNA-1	Japonica	NA		Os10g0568900	OsR498G1019225500.01.T04	Haloacid dehalogenase-like hydrolase domain-containing protein Sgpp
augustus_masked-3-processed-gene-125.81-mRNA-1	Japonica	NA		Os10g0568000	OsR498G1019222800.01.T01	
augustus_masked-3-processed-gene-125.82-mRNA-1	Japonica	NA			OsR498G1019222800.01.T01	F-box domain containing protein, expressed
augustus_masked-3-processed-gene-125.83-mRNA-1	Japonica	NA		Os10g0568100	OsR498G1019223000.01.T04	VAN3-binding protein-like
augustus_masked-3-processed-gene-126.14-mRNA-1	Japonica	NA		Os11g0145100	OsR498G0917727700.01.T01	tRNA-uridine aminocarboxypropyltransferase
augustus_masked-3-processed-gene-126.20-mRNA-1	Japonica	NA		Os10g0570700	OsR498G1019231300.01.T01	rRNA N-glycosidase
augustus_masked-3-processed-gene-127.0-mRNA-1	Japonica	NA		Os10g0571600	OsR498G1019234100.01.T01	NAC domain-containing protein 86
augustus_masked-3-processed-gene-127.23-mRNA-1	Japonica	NA		Os10g0573200		RPM1 interacting protein 13
augustus_masked-3-processed-gene-127.9-mRNA-1	Japonica	NA			OsR498G0306492600.01.T01	protein FAR-RED IMPAIRED RESPONSE 1-like
augustus_masked-3-processed-gene-128.15-mRNA-1	Japonica	NA		Os10g0573900	OsR498G1019239600.01.T06	60S ribosomal export protein NMD3
augustus_masked-3-processed-gene-128.23-mRNA-1	Japonica	NA		Os10g0574400		E3 ubiquitin-protein ligase ATL6
augustus_masked-3-processed-gene-128.26-mRNA-1	Japonica	NA		Os10g0575000	OsR498G1019243900.01.T01	Transcription factor like
augustus_masked-3-processed-gene-129.20-mRNA-1	Japonica	NA		Os10g0576100	OsR498G1019247600.01.T01	Inositol-tetrakisphosphate 1-kinase
augustus_masked-3-processed-gene-130.1-mRNA-1	Japonica	NA			OsR498G1019250500.01.T01	Putative WEB family protein chloroplastic
augustus_masked-3-processed-gene-130.5-mRNA-1	Japonica	NA		Os10g0577200	OsR498G1019250800.01.T02	VQ domain-containing protein
augustus_masked-3-processed-gene-131.1-mRNA-1	Japonica	NA		Os10g0578600	OsR498G1019255200.01.T01	Amelogenin, X like
augustus_masked-3-processed-gene-134.34-mRNA-1	Japonica	NA		Os10g0530700	OsR498G1019083900.01.T01	Glutathione transferase
augustus_masked-3-processed-gene-134.35-mRNA-1	Japonica	NA		Os10g0530900	OsR498G1019083900.01.T01	Glutathione S-transferase GSTU6
augustus_masked-3-processed-gene-134.36-mRNA-1	Japonica	NA		Os10g0531400	OsR498G1019074700.01.T01	Glutathione transferase
augustus_masked-3-processed-gene-134.38-mRNA-1	Japonica	NA			OsR498G1019086300.01.T01	Kinesin heavy chain-like
augustus_masked-3-processed-gene-134.57-mRNA-1	Japonica	NA	CC-Kinase-LRR-TM	Os10g0531700	OsR498G1019085800.01.T01	LRR receptor-like serine/threonine-protein kinase
augustus_masked-3-processed-gene-135.10-mRNA-1	Japonica	NA		Os10g0533200	OsR498G1019092300.01.T01	Mu-crystallin
augustus_masked-3-processed-gene-135.13-mRNA-1	Japonica	NA	Kinase-TM	Os10g0533800	OsR498G1019094500.01.T01	L-type lectin-domain containing receptor kinase IV.1
augustus_masked-3-processed-gene-135.20-mRNA-1	Japonica	NA		Os10g0532300	OsR498G1019088600.01.T01	HMA domain-containing protein
augustus_masked-3-processed-gene-135.22-mRNA-1	Japonica	NA		Os10g0533100	OsR498G1019091800.01.T01	ABC-type Co2+ transport system, permease component
augustus_masked-3-processed-gene-135.8-mRNA-1	Japonica	NA		Os10g0532600	OsR498G1019090300.01.T01	Transcription repressor
augustus_masked-3-processed-gene-136.7-mRNA-1	Japonica	NA	Kinase-TM	Os10g0534500	OsR498G1019095800.01.T03	Receptor-like protein kinase THESEUS 1
augustus_masked-3-processed-gene-137.12-mRNA-1	Japonica	NA		Os10g0537800	OsR498G1019107900.01.T01	Putative chloroplast nucleoid DNA binding protein
augustus_masked-3-processed-gene-137.26-mRNA-1	Japonica	NA			OsR498G0204768400.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-3-processed-gene-138.13-mRNA-1	Japonica	NA		Os10g0538200	OsR498G1019109300.01.T01	Putative chloroplast nucleoid DNA binding protein
augustus_masked-3-processed-gene-138.23-mRNA-1	Japonica	NA		Os10g0538200	OsR498G1019109700.01.T01	Putative chloroplast nucleoid DNA binding protein
augustus_masked-3-processed-gene-138.24-mRNA-1	Japonica	NA		Os10g0538200	OsR498G1019110300.01.T01	Putative chloroplast nucleoid DNA binding protein
augustus_masked-3-processed-gene-138.28-mRNA-1	Japonica	NA		Os10g0539700	OsR498G1019112900.01.T01	C2 NT-type domain-containing protein (Fragment)
augustus_masked-3-processed-gene-138.38-mRNA-1	Japonica	NA			OsR498G1019111000.01.T01	N-acetylneuraminate 7-O(Or 9-O)-acetyltransferase
augustus_masked-3-processed-gene-138.39-mRNA-1	Japonica	NA		Os10g0539500	OsR498G1019111200.01.T01	Multifunctional fusion protein
augustus_masked-3-processed-gene-138.42-mRNA-1	Japonica	NA		Os10g0540100	OsR498G1019115200.01.T01	Pentatricopeptide repeat
augustus_masked-3-processed-gene-138.6-mRNA-1	Japonica	NA		Os10g0538200	OsR498G1019107900.01.T01	Putative chloroplast nucleoid DNA binding protein
augustus_masked-3-processed-gene-138.8-mRNA-1	Japonica	NA		Os10g0538200	OsR498G1019108300.01.T01	Putative chloroplast nucleoid DNA binding protein
augustus_masked-3-processed-gene-139.10-mRNA-1	Japonica	NA		Os07g0543700	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-3-processed-gene-139.11-mRNA-1	Japonica	NA			OsR498G1019116800.01.T01	
augustus_masked-3-processed-gene-139.14-mRNA-1	Japonica	NA		Os10g0540900	OsR498G1019118300.01.T03	

augustus_masked-3-processed-gene-139.3-mRNA-1	Japonica	NA		Os10g0540800	OsR498G1019117300.01.T01	
augustus_masked-3-processed-gene-14.40-mRNA-1	Japonica	NA			OsR498G0305165100.01.T01	Monosaccharide-sensing protein 3
augustus_masked-3-processed-gene-14.50-mRNA-1	Japonica	NA		Os03g0129300	OsR498G0305166900.01.T02	Glyceraldehyde-3-phosphate dehydrogenase B, chloroplastic
augustus_masked-3-processed-gene-140.42-mRNA-1	Japonica	NA		Os10g0542900	OsR498G1019125300.01.T01	Class II chitinase
augustus_masked-3-processed-gene-140.55-mRNA-1	Japonica	NA		Os10g0543150		
augustus_masked-3-processed-gene-142.52-mRNA-1	Japonica	NA		Os10g0548400		Mediator of RNA polymerase II transcription subunit like
augustus_masked-3-processed-gene-142.63-mRNA-1	Japonica	NA		Os10g0548100	OsR498G1019140200.01.T01	3-oxoacyl-[acyl-carrier-protein] synthase III, chloroplastic
augustus_masked-3-processed-gene-142.65-mRNA-1	Japonica	NA	CC-Kinase-TM	Os10g0548300	OsR498G1019140600.01.T06	E3 ubiquitin ligase
augustus_masked-3-processed-gene-143.4-mRNA-1	Japonica	NA		Os10g0548800	OsR498G1019141200.01.T01	Translocase of chloroplast 120 chloroplastic
augustus_masked-3-processed-gene-144.14-mRNA-1	Japonica	NA		Os10g0550900	OsR498G1019148500.01.T01	Proline dehydrogenase
augustus_masked-3-processed-gene-144.30-mRNA-1	Japonica	NA		Os10g0551200	OsR498G1019149600.01.T01	GRAS transcription factor
augustus_masked-3-processed-gene-145.2-mRNA-1	Japonica	NA		Os10g0551900	OsR498G1019153400.01.T01	Cortical cell-delineating protein-like
augustus_masked-3-processed-gene-145.5-mRNA-1	Japonica	NA		Os10g0552300	OsR498G1019154800.01.T01	Cortical cell delineating protein, putative, expressed
augustus_masked-3-processed-gene-145.7-mRNA-1	Japonica	NA		Os10g0552600	OsR498G1019156200.01.T01	Cortical cell-delineating protein-like
augustus_masked-3-processed-gene-146.27-mRNA-1	Japonica	NA		Os10g0554800	OsR498G1019164500.01.T01	AAI domain-containing protein (Fragment)
augustus_masked-3-processed-gene-146.34-mRNA-1	Japonica	NA		Os10g0554900	OsR498G1019164800.01.T02	QWRF motif-containing protein 7
augustus_masked-3-processed-gene-148.37-mRNA-1	Japonica	NA		Os03g0324700	OsR498G0305854900.01.T01	Arabinosyltransferase ARAD1
augustus_masked-3-processed-gene-148.50-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os03g0324600	OsR498G0305854800.01.T01	NB-ARC domain containing protein, expressed
augustus_masked-3-processed-gene-149.0-mRNA-1	Japonica	NA		Os03g0324900	OsR498G0305855900.01.T02	RING-type E3 ubiquitin transferase
augustus_masked-3-processed-gene-149.24-mRNA-1	Japonica	NA		Os03g0325600	OsR498G0305857800.01.T02	Homeobox domain containing protein, expressed
augustus_masked-3-processed-gene-15.54-mRNA-1	Japonica	NA	Kinase-TM			Serine/threonine-protein kinase Cx32, chloroplast, putative, expressed
augustus_masked-3-processed-gene-152.37-mRNA-1	Japonica	NA			OsR498G0305877200.01.T01	
augustus_masked-3-processed-gene-153.48-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os03g0332900	OsR498G0305887500.01.T03	Putative inactive receptor kinase
augustus_masked-3-processed-gene-154.30-mRNA-1	Japonica	Japonica	Kinase-TM	Os03g0333200	OsR498G0305888100.01.T01	Receptor-like protein kinase FERONIA
augustus_masked-3-processed-gene-154.31-mRNA-1	Japonica	NA		Os03g0333300	OsR498G0305888500.01.T01	Eukaryotic translation initiation factor 2 subunit beta
augustus_masked-3-processed-gene-155.25-mRNA-1	Japonica	NA		Os03g0336400	OsR498G0305898600.01.T01	Expansin
augustus_masked-3-processed-gene-155.3-mRNA-1	Japonica	NA			OsR498G0305897100.01.T01	
augustus_masked-3-processed-gene-156.55-mRNA-1	Japonica	NA		Os03g0336900	OsR498G0305902200.01.T01	Transcription repressor
augustus_masked-3-processed-gene-156.60-mRNA-1	Japonica	NA		Os03g0339100	OsR498G0305907700.01.T06	PP1/PP2A phosphatases pleiotropic regulator PRL1
augustus_masked-3-processed-gene-156.69-mRNA-1	Japonica	NA			OsR498G0305907400.01.T01	
augustus_masked-3-processed-gene-157.0-mRNA-1	Japonica	NA			OsR498G0305908100.01.T01	Papain fold toxin 1 (Glutamine deamidase) of polymorphic toxin system
augustus_masked-3-processed-gene-160.5-mRNA-1	Japonica	Indica		Os03g0346200	OsR498G0305934000.01.T01	Flowering-promoting factor 1-like protein 5
augustus_masked-3-processed-gene-162.64-mRNA-1	Japonica	NA		Os03g0351800	OsR498G0305953600.01.T03	RING-type E3 ubiquitin transferase
augustus_masked-3-processed-gene-169.13-mRNA-1	Japonica	NA		Os03g0356400	OsR498G0305969100.01.T01	Glutaredoxin family protein, expressed
augustus_masked-3-processed-gene-169.6-mRNA-1	Japonica	NA		Os03g0355100	OsR498G0305965400.01.T02	
augustus_masked-3-processed-gene-171.26-mRNA-1	Japonica	NA		Os03g0356900	OsR498G0305981500.01.T01	Isopentenyl transferase IPT2
augustus_masked-3-processed-gene-171.33-mRNA-1	Japonica	NA			OsR498G0305979400.01.T01	
augustus_masked-3-processed-gene-172.18-mRNA-1	Japonica	NA			OsR498G0305982900.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-3-processed-gene-172.42-mRNA-1	Japonica	Indica		Os03g0356900	OsR498G0305987200.01.T01	Isopentenyl transferase IPT2
augustus_masked-3-processed-gene-175.39-mRNA-1	Japonica	NA		Os03g0360600	OsR498G0305990700.01.T01	Transcription termination factor MTEF1, chloroplastic
augustus_masked-3-processed-gene-177.41-mRNA-1	Japonica	NA		Os03g0363800	OsR498G0305999700.01.T01	Serine/arginine rich splicing factor
augustus_masked-3-processed-gene-177.48-mRNA-1	Japonica	NA		Os03g0363700	OsR498G0305999600.01.T05	Transferase, transferring glycosyl groups
augustus_masked-3-processed-gene-178.42-mRNA-1	Japonica	NA		Os03g0366100	OsR498G0306007200.01.T01	
augustus_masked-3-processed-gene-178.43-mRNA-1	Japonica	Japonica		Os03g0366800	OsR498G0306009000.01.T01	F-box domain containing protein
augustus_masked-3-processed-gene-178.46-mRNA-1	Japonica	NA				OB domain-containing protein (Fragment)
augustus_masked-3-processed-gene-179.28-mRNA-1	Japonica	NA			OsR498G0306012100.01.T01	F-box domain-containing protein
augustus_masked-3-processed-gene-18.0-mRNA-1	Japonica	Indica		Os03g0136500	OsR498G0305190100.01.T01	Peptide methionine sulfoxide reductase MrsB
augustus_masked-3-processed-gene-18.13-mRNA-1	Japonica	NA		Os03g0137400	OsR498G0305193900.01.T01	Calcium-dependent channel
augustus_masked-3-processed-gene-18.4-mRNA-1	Japonica	NA		Os03g0136400	OsR498G0305190000.01.T01	H(+)/Pi cotransporter
augustus_masked-3-processed-gene-180.37-mRNA-1	Japonica	NA		Os03g0369700		Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-3-processed-gene-180.38-mRNA-1	Japonica	NA		Os03g0370000	OsR498G0306019700.01.T02	Protein-serine/threonine kinase
augustus_masked-3-processed-gene-180.41-mRNA-1	Japonica	NA		Os03g0370500	OsR498G0306021700.01.T01	PUA domain-containing protein (Fragment)
augustus_masked-3-processed-gene-180.42-mRNA-1	Japonica	Japonica		Os03g0370800	OsR498G0408541500.01.T01	Copper transporter
augustus_masked-3-processed-gene-181.2-mRNA-1	Japonica	NA		Os03g0371600		
augustus_masked-3-processed-gene-182.28-mRNA-1	Japonica	NA		Os03g0372900	OsR498G0306031300.01.T01	F-box domain containing protein, expressed
augustus_masked-3-processed-gene-185.16-mRNA-1	Japonica	NA				
augustus_masked-3-processed-gene-185.17-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-3-processed-gene-188.16-mRNA-1	Japonica	NA		Os03g0386000	OsR498G0306062300.01.T03	Putative WD repeat-containing protein C2A9.03
augustus_masked-3-processed-gene-189.10-mRNA-1	Japonica	Indica		Os03g0387300	OsR498G0306070300.01.T01	VQ motif family protein, expressed
augustus_masked-3-processed-gene-189.11-mRNA-1	Japonica	NA			OsR498G0306071900.01.T01	
augustus_masked-3-processed-gene-19.0-mRNA-1	Japonica	NA		Os03g0138200	OsR498G0305198900.01.T01	Cytochrome P450 family 96 subfamily A polypeptide 1

augustus_masked-3-processed-gene-19.1-mRNA-1	Japonica	NA		Os03g0138400	OsR498G0305199100.01.T02	
augustus_masked-3-processed-gene-19.14-mRNA-1	Japonica	NA		Os03g0139000	OsR498G0305201100.01.T01	
augustus_masked-3-processed-gene-19.16-mRNA-1	Japonica	NA		Os03g0139300	OsR498G0305202300.01.T01	
augustus_masked-3-processed-gene-19.17-mRNA-1	Japonica	Indica		Os03g0140100	OsR498G0305203100.01.T01	Cytochrome P450 family 96 subfamily A polypeptide 1
augustus_masked-3-processed-gene-19.19-mRNA-1	Japonica	Indica		Os03g0140100	OsR498G0305203500.01.T01	Cytochrome P450 family 96 subfamily A polypeptide 1
augustus_masked-3-processed-gene-19.22-mRNA-1	Japonica	NA		Os03g0140100	OsR498G0305205100.01.T01	Cytochrome P450 family 96 subfamily A polypeptide 1
augustus_masked-3-processed-gene-192.16-mRNA-1	Japonica	NA		Os03g0391700	OsR498G0306087800.01.T02	Putative HLH DNA-binding domain superfamily protein isoform 1
augustus_masked-3-processed-gene-197.14-mRNA-1	Japonica	NA		Os03g0398600	OsR498G0306118900.01.T01	RING-H2 finger protein ATL3
augustus_masked-3-processed-gene-197.15-mRNA-1	Japonica	NA		Os03g0399000	OsR498G0306119900.01.T01	Pectinesterase
augustus_masked-3-processed-gene-197.16-mRNA-1	Japonica	NA		Os03g0399000	OsR498G0306119900.01.T01	Pectinesterase
augustus_masked-3-processed-gene-198.9-mRNA-1	Japonica	NA		Os03g0399400	OsR498G0306121800.01.T01	F-box only protein 13
augustus_masked-3-processed-gene-2.58-mRNA-1	Japonica	NA				Skp1 family, dimerisation domain containing protein, expressed
augustus_masked-3-processed-gene-2.66-mRNA-1	Japonica	NA		Os03g0107700		Cyclin-dependent protein kinase inhibitor EL2
augustus_masked-3-processed-gene-20.20-mRNA-1	Japonica	Indica		Os03g0140100	OsR498G0305205900.01.T01	Cytochrome P450 family 96 subfamily A polypeptide 1
augustus_masked-3-processed-gene-20.21-mRNA-1	Japonica	Indica		Os03g0140100	OsR498G0305207300.01.T01	Cytochrome P450 family 96 subfamily A polypeptide 1
augustus_masked-3-processed-gene-20.24-mRNA-1	Japonica	NA		Os03g0140500	OsR498G0305207800.01.T01	Cysteine-rich repeat secretory protein 3
augustus_masked-3-processed-gene-201.3-mRNA-1	Japonica	NA			OsR498G0306141500.01.T01	
augustus_masked-3-processed-gene-201.5-mRNA-1	Japonica	NA			OsR498G0306142300.01.T01	FLZ-type domain-containing protein
augustus_masked-3-processed-gene-202.2-mRNA-1	Japonica	Indica		Os03g0403600	OsR498G0306146500.01.T01	VWFA domain-containing protein (Fragment)
augustus_masked-3-processed-gene-203.15-mRNA-1	Japonica	NA			OsR498G0815762600.01.T01	
augustus_masked-3-processed-gene-209.28-mRNA-1	Japonica	NA			OsR498G0306205600.01.T01	Zinc finger protein WIP2 (Fragment)
augustus_masked-3-processed-gene-209.29-mRNA-1	Japonica	NA		Os12g0135200	OsR498G1220897500.01.T01	F-box/kelch-repeat protein At5g26960
augustus_masked-3-processed-gene-21.38-mRNA-1	Japonica	NA			OsR498G0305216300.01.T01	Subtilisin-like protease
augustus_masked-3-processed-gene-210.0-mRNA-1	Japonica	NA		Os03g0415500	OsR498G0306207300.01.T02	Puative inner mitochondrial membrane translocase
augustus_masked-3-processed-gene-211.19-mRNA-1	Japonica	Japonica		Os03g0417700	OsR498G0306216600.01.T01	Cytochrome P450, family 78, subfamily A, polypeptide 10 (Fragment)
augustus_masked-3-processed-gene-211.25-mRNA-1	Japonica	NA		Os03g0418000	OsR498G0306219500.01.T01	Chitinase
augustus_masked-3-processed-gene-211.33-mRNA-1	Japonica	NA			OsR498G0306220400.01.T01	
augustus_masked-3-processed-gene-212.33-mRNA-1	Japonica	NA			OsR498G0306226600.01.T01	
augustus_masked-3-processed-gene-213.12-mRNA-1	Japonica	NA		Os03g0423000	OsR498G0306236100.01.T02	F-box domain containing protein, expressed
augustus_masked-3-processed-gene-213.29-mRNA-1	Japonica	Indica		Os03g0423300	OsR498G0306236800.01.T02	Acyl-[acyl-carrier-protein] desaturase 4, chloroplastic
augustus_masked-3-processed-gene-213.6-mRNA-1	Japonica	Japonica		Os03g0422300	OsR498G1120568600.01.T01	
augustus_masked-3-processed-gene-215.23-mRNA-1	Japonica	NA		Os03g0425900		Zinc finger protein ZAT4
augustus_masked-3-processed-gene-215.25-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0426300	OsR498G0306245800.01.T01	G-type lectin 5-receptor-like serine/threonine-protein kinase
augustus_masked-3-processed-gene-216.18-mRNA-1	Japonica	NA		Os03g0426800	OsR498G0306246300.01.T03	Membrane-anchored ubiquitin-fold protein 1
augustus_masked-3-processed-gene-216.22-mRNA-1	Japonica	NA		Os03g0427000	OsR498G0306247200.01.T03	EID1-like F-box protein 2 isoform C
augustus_masked-3-processed-gene-216.23-mRNA-1	Japonica	NA		Os03g0427100	OsR498G0306247800.01.T02	RING/U-box superfamily protein isoform 1
augustus_masked-3-processed-gene-217.19-mRNA-1	Japonica	NA		Os03g0428700	OsR498G0306252300.01.T01	Expansin
augustus_masked-3-processed-gene-217.21-mRNA-1	Japonica	NA		Os03g0429000	OsR498G0306253900.01.T01	Cystatin domain-containing protein (Fragment)
augustus_masked-3-processed-gene-218.21-mRNA-1	Japonica	NA		Os02g0212975	OsR498G0305421900.01.T01	Kinesin heavy chain-like
augustus_masked-3-processed-gene-218.24-mRNA-1	Japonica	NA		Os10g0460000	OsR498G0204348500.01.T01	
augustus_masked-3-processed-gene-218.4-mRNA-1	Japonica	NA		Os03g0430500	OsR498G0306258700.01.T01	Subtilisin-like protease
augustus_masked-3-processed-gene-22.19-mRNA-1	Japonica	NA			OsR498G1120638300.01.T05	
augustus_masked-3-processed-gene-22.21-mRNA-1	Japonica	NA		Os03g0144300	OsR498G0305219500.01.T02	Xyloglucan galactosyltransferase KATAMARI
augustus_masked-3-processed-gene-22.22-mRNA-1	Japonica	Indica		Os03g0144500	OsR498G0305220100.01.T01	Exostosin domain-containing protein (Fragment)
augustus_masked-3-processed-gene-22.25-mRNA-1	Japonica	NA		Os03g0144800	OsR498G0305220900.01.T03	Xyloglucan galactosyltransferase KATAMARI
augustus_masked-3-processed-gene-22.39-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os03g0145000	OsR498G0305221600.01.T01	Leucine-rich repeat receptor-like protein kinase PXL2
augustus_masked-3-processed-gene-220.10-mRNA-1	Japonica	NA		Os03g0433200	OsR498G0306272800.01.T01	GRAS transcription factor
augustus_masked-3-processed-gene-222.22-mRNA-1	Japonica	NA		Os03g0437100	OsR498G0306284800.01.T01	Zinc finger protein 1
augustus_masked-3-processed-gene-222.23-mRNA-1	Japonica	Japonica		Os03g0437200	OsR498G0306284800.01.T01	Zinc finger protein 1
augustus_masked-3-processed-gene-222.8-mRNA-1	Japonica	NA		Os03g0435900	OsR498G0306281600.01.T01	Mitotic-spindle organizing protein 1A
augustus_masked-3-processed-gene-222.9-mRNA-1	Japonica	Japonica		Os03g0436400	OsR498G0714710500.01.T01	3-oxo-Delta(45)-steroid 5-beta-reductase
augustus_masked-3-processed-gene-223.16-mRNA-1	Japonica	NA		Os03g0439000	OsR498G0306291900.01.T01	Zinc finger CCCH domain-containing protein 18
augustus_masked-3-processed-gene-224.44-mRNA-1	Japonica	NA				
augustus_masked-3-processed-gene-224.45-mRNA-1	Japonica	NA				
augustus_masked-3-processed-gene-225.5-mRNA-1	Japonica	NA		Os03g0441400	OsR498G0306299200.01.T05	Pentatricopeptide repeat-containing protein, chloroplastic
augustus_masked-3-processed-gene-225.6-mRNA-1	Japonica	NA		Os03g0441500	OsR498G0306299600.01.T03	ABC transporter family protein, expressed
augustus_masked-3-processed-gene-226.0-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-3-processed-gene-227.7-mRNA-1	Japonica	Indica		Os03g0444900	OsR498G0306310300.01.T02	WRKY DNA binding domain containing protein, expressed
augustus_masked-3-processed-gene-23.1-mRNA-1	Japonica	NA			OsR498G0305222300.01.T01	Beta-glucuronosyltransferase GlcAT14A
augustus_masked-3-processed-gene-23.8-mRNA-1	Japonica	NA		Os03g0145600		Zinc finger CCCH domain-containing protein 48
augustus_masked-3-processed-gene-232.9-mRNA-1	Japonica	NA			OsR498G0306330400.01.T01	

augustus_masked-3-processed-gene-24.47-mRNA-1	Japonica	Japonica		Os03g0148400	OsR498G0305233000.01.T02	Leucine-rich repeat-containing protein 16B-like
augustus_masked-3-processed-gene-25.1-mRNA-1	Japonica	NA		Os03g0149000	OsR498G0305234100.01.T01	LOB transcription factor
augustus_masked-3-processed-gene-25.19-mRNA-1	Japonica	Japonica		Os03g0150500	OsR498G0305239100.01.T01	H(+)/Pi cotransporter
augustus_masked-3-processed-gene-25.2-mRNA-1	Japonica	NA		Os03g0149000	OsR498G0305234100.01.T01	LOB domain-containing protein 29
augustus_masked-3-processed-gene-25.30-mRNA-1	Japonica	NA		Os03g0149700	OsR498G0305237600.01.T01	Ring-h2 finger protein atf51
augustus_masked-3-processed-gene-25.31-mRNA-1	Japonica	NA		Os03g0149800	OsR498G0305237800.01.T01	RING-H2 finger protein ATL16
augustus_masked-3-processed-gene-26.8-mRNA-1	Japonica	Indica		Os03g0150600	OsR498G0305239400.01.T01	H(+)/Pi cotransporter
augustus_masked-3-processed-gene-26.9-mRNA-1	Japonica	NA		Os03g0150800	OsR498G0305240200.01.T01	H(+)/Pi cotransporter
augustus_masked-3-processed-gene-265.19-mRNA-1	Japonica	NA		Os10g0427000	OsR498G1018762100.01.T01	BTB/POZ domain containing protein, expressed
augustus_masked-3-processed-gene-265.30-mRNA-1	Japonica	NA		Os10g0426600	OsR498G1018761700.01.T01	BTB/POZ domain containing protein, expressed
augustus_masked-3-processed-gene-265.31-mRNA-1	Japonica	NA		Os10g0426500	OsR498G1018758400.01.T01	BTB/POZ and MATH domain-containing protein 1
augustus_masked-3-processed-gene-265.45-mRNA-1	Japonica	NA			OsR498G1018686900.01.T02	Exonuclease family protein, expressed
augustus_masked-3-processed-gene-265.50-mRNA-1	Japonica	NA		Os10g0425700		BTB/POZ and MATH domain-containing protein 2
augustus_masked-3-processed-gene-266.16-mRNA-1	Japonica	NA		Os10g0423800	OsR498G1018750800.01.T01	BTB/POZ and MATH domain-containing protein 2
augustus_masked-3-processed-gene-266.25-mRNA-1	Japonica	NA		Os10g0424500	OsR498G1018753900.01.T01	BTB domain-containing protein
augustus_masked-3-processed-gene-266.26-mRNA-1	Japonica	NA		Os10g0424100	OsR498G1018753500.01.T01	BTB domain-containing protein (Fragment)
augustus_masked-3-processed-gene-266.27-mRNA-1	Japonica	NA		Os10g0424100	OsR498G1018753500.01.T01	BTB/POZ and MATH domain-containing protein 2
augustus_masked-3-processed-gene-266.28-mRNA-1	Japonica	NA		Os10g0423900		BTB/POZ domain containing protein, expressed
augustus_masked-3-processed-gene-266.4-mRNA-1	Japonica	NA		Os10g0425400	OsR498G1018754900.01.T01	BTB domain-containing protein
augustus_masked-3-processed-gene-267.17-mRNA-1	Japonica	NA		Os10g0423000	OsR498G1018750400.01.T03	Ribosomal N-lysine methyltransferase 5
augustus_masked-3-processed-gene-267.25-mRNA-1	Japonica	NA		Os10g0423300	OsR498G1018750800.01.T01	BTB/POZ and MATH domain-containing protein 1
augustus_masked-3-processed-gene-267.27-mRNA-1	Japonica	Japonica		Os10g0422800	OsR498G0307042100.01.T01	
augustus_masked-3-processed-gene-267.31-mRNA-1	Japonica	NA		Os10g0422600	OsR498G1018748200.01.T01	Zf-FLZ domain containing protein
augustus_masked-3-processed-gene-268.1-mRNA-1	Japonica	NA		Os10g0421800	OsR498G1018744600.01.T05	Pentatricopeptide repeat-containing protein, chloroplastic
augustus_masked-3-processed-gene-269.38-mRNA-1	Japonica	NA				EGF-like domain-containing protein
augustus_masked-3-processed-gene-27.13-mRNA-1	Japonica	NA		Os03g0154000	OsR498G0305247900.01.T01	FAD binding domain containing protein, expressed
augustus_masked-3-processed-gene-27.15-mRNA-1	Japonica	Indica		Os11g0602400	OsR498G0305248300.01.T01	tRNA-intron lyase
augustus_masked-3-processed-gene-27.35-mRNA-1	Japonica	Japonica		Os03g0153400	OsR498G0916883200.01.T02	SufE domain-containing protein (Fragment)
augustus_masked-3-processed-gene-27.36-mRNA-1	Japonica	NA			OsR498G0305247600.01.T01	
augustus_masked-3-processed-gene-270.0-mRNA-1	Japonica	NA				Ribonuclease 3
augustus_masked-3-processed-gene-270.1-mRNA-1	Japonica	NA			OsR498G1018732200.01.T01	Calcium-transporting ATPase
augustus_masked-3-processed-gene-271.1-mRNA-1	Japonica	NA			OsR498G1018724200.01.T01	Leucine Rich Repeat family protein
augustus_masked-3-processed-gene-271.10-mRNA-1	Japonica	NA		Os10g0416500	OsR498G1018723700.01.T01	Class III chitinase
augustus_masked-3-processed-gene-271.17-mRNA-1	Japonica	NA		Os10g0416200	OsR498G1018721400.01.T01	Very-long-chain 3-oxoacyl-CoA synthase
augustus_masked-3-processed-gene-271.8-mRNA-1	Japonica	NA		Os10g0416800	OsR498G1018725300.01.T01	Class III chitinase
augustus_masked-3-processed-gene-272.25-mRNA-1	Japonica	NA		Os10g0415200	OsR498G1018718400.01.T02	Exocyst complex component
augustus_masked-3-processed-gene-272.58-mRNA-1	Japonica	NA		Os10g0460000	OsR498G0305421900.01.T01	
augustus_masked-3-processed-gene-273.1-mRNA-1	Japonica	NA				
augustus_masked-3-processed-gene-273.7-mRNA-1	Japonica	NA		Os10g0412800	OsR498G1018709700.01.T05	
augustus_masked-3-processed-gene-278.41-mRNA-1	Japonica	NA				Inorganic diphosphatase
augustus_masked-3-processed-gene-279.21-mRNA-1	Japonica	NA				
augustus_masked-3-processed-gene-284.46-mRNA-1	Japonica	NA		Os10g0396100	OsR498G1018645800.01.T01	F-box domain containing protein, expressed
augustus_masked-3-processed-gene-288.33-mRNA-1	Japonica	NA		Os10g0390000	OsR498G1018626000.01.T01	
augustus_masked-3-processed-gene-288.39-mRNA-1	Japonica	NA		Os10g0389500	OsR498G1018624000.01.T04	
augustus_masked-3-processed-gene-289.25-mRNA-1	Japonica	NA		Os10g0388200	OsR498G1018620600.01.T01	F-box/kelch-repeat protein SKIP30
augustus_masked-3-processed-gene-289.48-mRNA-1	Japonica	NA	Kinase	Os09g0376600	OsR498G1018618100.01.T01	Putative leucine-rich repeat receptor-like protein kinase
augustus_masked-3-processed-gene-29.12-mRNA-1	Japonica	NA		Os03g0158000	OsR498G1221887800.01.T01	
augustus_masked-3-processed-gene-29.18-mRNA-1	Japonica	Japonica		Os03g0158900	OsR498G0307003200.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-3-processed-gene-29.19-mRNA-1	Japonica	NA	Kinase-TM	Os03g0159100	OsR498G0305257900.01.T01	probable serine/threonine-protein kinase PBL16
augustus_masked-3-processed-gene-29.23-mRNA-1	Japonica	NA		Os03g0160200	OsR498G0305260700.01.T02	Ribosomal N-lysine methyltransferase 5
augustus_masked-3-processed-gene-29.3-mRNA-1	Japonica	NA			OsR498G0307316800.01.T01	Putative Anter-specific proline-rich protein APG
augustus_masked-3-processed-gene-29.33-mRNA-1	Japonica	NA		Os03g0159400	OsR498G0305258600.01.T01	Transcription repressor
augustus_masked-3-processed-gene-29.36-mRNA-1	Japonica	Indica		Os03g0159900	OsR498G0305260000.01.T02	
augustus_masked-3-processed-gene-290.8-mRNA-1	Japonica	NA		Os10g0386300		
augustus_masked-3-processed-gene-293.17-mRNA-1	Japonica	NA			OsR498G1221194600.01.T01	BKRF1 encodes EBNA-1 protein-like
augustus_masked-3-processed-gene-294.27-mRNA-1	Japonica	NA		Os10g0380800	OsR498G1018593600.01.T01	Tyrosine decarboxylase
augustus_masked-3-processed-gene-295.7-mRNA-1	Japonica	NA			OsR498G0305652000.01.T01	SR-rich pre-mRNA splicing activator
augustus_masked-3-processed-gene-296.8-mRNA-1	Japonica	NA		Os10g0378400	OsR498G1018586600.01.T01	IRK-interacting protein-like
augustus_masked-3-processed-gene-297.22-mRNA-1	Japonica	NA		Os10g0377400	OsR498G1018583800.01.T03	Ras-related protein RGP1
augustus_masked-3-processed-gene-30.19-mRNA-1	Japonica	Japonica		Os03g0160300	OsR498G0307042100.01.T01	Major facilitator superfamily protein isoform 1
augustus_masked-3-processed-gene-30.22-mRNA-1	Japonica	Indica		Os03g0160900	OsR498G0305261800.01.T04	

augustus_masked-3-processed-gene-309.6-mRNA-1	Japonica	NA	NBS-TM			Disease resistance protein RPM1
augustus_masked-3-processed-gene-31.40-mRNA-1	Japonica	NA		Os03g0162500	OsR498G0305274100.01.T01	Plant-specific domain TIGR01615 family protein
augustus_masked-3-processed-gene-312.2-mRNA-1	Japonica	NA		Os10g0349300	OsR498G1018517600.01.T01	Cortical cell-delineating protein-like
augustus_masked-3-processed-gene-312.3-mRNA-1	Japonica	NA		Os10g0349300	OsR498G1018517000.01.T01	Cortical cell delineating protein, putative, expressed
augustus_masked-3-processed-gene-312.4-mRNA-1	Japonica	NA		Os10g0349300	OsR498G1018516600.01.T01	Cortical cell delineating protein, putative, expressed
augustus_masked-3-processed-gene-32.2-mRNA-1	Japonica	NA		Os03g0163500	OsR498G0305276900.01.T02	Exocyst complex component
augustus_masked-3-processed-gene-32.8-mRNA-1	Japonica	NA		Os03g0164300	OsR498G0305279700.01.T02	TF-B3 domain-containing protein
augustus_masked-3-processed-gene-321.20-mRNA-1	Japonica	NA		Os10g0337700	OsR498G1018481900.01.T01	WPP domain-containing protein
augustus_masked-3-processed-gene-321.7-mRNA-1	Japonica	NA		Os10g0338500		E3 ubiquitin-protein ligase SPL11
augustus_masked-3-processed-gene-325.8-mRNA-1	Japonica	NA		Os10g0327000	OsR498G1018449400.01.T03	cysteine-rich repeat secretory protein 38-like isoform X3
augustus_masked-3-processed-gene-326.30-mRNA-1	Japonica	NA			OsR498G1018455500.01.T01	WRKY transcription factor 18
augustus_masked-3-processed-gene-326.31-mRNA-1	Japonica	NA		Os10g0328100	OsR498G0101190400.01.T03	HDOD domain protein
augustus_masked-3-processed-gene-33.21-mRNA-1	Japonica	NA		Os03g0166000	OsR498G0305285000.01.T04	Alba domain-containing protein (Fragment)
augustus_masked-3-processed-gene-332.10-mRNA-1	Japonica	NA			OsR498G0306342800.01.T01	Embryo defective 2016
augustus_masked-3-processed-gene-334.0-mRNA-1	Japonica	NA	Kinase-TM	Os03g0556600	OsR498G0306350500.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-3-processed-gene-334.22-mRNA-1	Japonica	NA				
augustus_masked-3-processed-gene-336.16-mRNA-1	Japonica	NA		Os03g0559700	OsR498G0306366400.01.T01	HTH myb-type domain-containing protein
augustus_masked-3-processed-gene-336.3-mRNA-1	Japonica	NA		Os03g0558700		HTH myb-type domain-containing protein
augustus_masked-3-processed-gene-338.27-mRNA-1	Japonica	NA		Os03g0562200	OsR498G0306377600.01.T01	F-box domain containing protein expressed
augustus_masked-3-processed-gene-34.24-mRNA-1	Japonica	NA		Os03g0168400	OsR498G0305292300.01.T06	Pentatricopeptide repeat-containing protein
augustus_masked-3-processed-gene-34.39-mRNA-1	Japonica	NA			OsR498G0305293000.01.T01	Pentatricopeptide repeat
augustus_masked-3-processed-gene-34.41-mRNA-1	Japonica	NA		Os03g0168700	OsR498G0305293400.01.T01	SET and MYND domain-containing protein 3
augustus_masked-3-processed-gene-340.16-mRNA-1	Japonica	Japonica		Os03g0564600	OsR498G0306388200.01.T01	Cysteine-rich repeat secretory protein 38
augustus_masked-3-processed-gene-341.23-mRNA-1	Japonica	NA	LRR-NBS-TM	Os03g0566700		NBS-LRR protein (Fragment)
augustus_masked-3-processed-gene-341.24-mRNA-1	Japonica	NA		Os03g0566800	OsR498G0306397400.01.T01	Eukaryotic translation initiation factor
augustus_masked-3-processed-gene-341.26-mRNA-1	Japonica	NA		Os03g0567100	OsR498G0306398000.01.T01	
augustus_masked-3-processed-gene-342.28-mRNA-1	Japonica	NA		Os03g0568433		4-hydroxyphenylacetaldehyde oxime monooxygenase
augustus_masked-3-processed-gene-342.29-mRNA-1	Japonica	Japonica		Os03g0568466	OsR498G0306401700.01.T01	4-hydroxyphenylacetaldehyde oxime monooxygenase
augustus_masked-3-processed-gene-342.30-mRNA-1	Japonica	NA		Os03g0568600	OsR498G0306402100.01.T01	tRNA-uridine aminocarboxypropyltransferase
augustus_masked-3-processed-gene-343.29-mRNA-1	Japonica	NA		Os03g0569900	OsR498G0306409400.01.T02	polyadenylate-binding protein RBP45-like isoform X4
augustus_masked-3-processed-gene-343.30-mRNA-1	Japonica	Indica		Os03g0570100	OsR498G0306410000.01.T01	Tyrosine N-monooxygenase
augustus_masked-3-processed-gene-343.8-mRNA-1	Japonica	NA		Os03g0569800	OsR498G0306408900.01.T01	Putative membrane-associated salt-inducible protein
augustus_masked-3-processed-gene-348.16-mRNA-1	Japonica	Indica		Os03g0578500	OsR498G0306438900.01.T01	Myosin-2
augustus_masked-3-processed-gene-348.27-mRNA-1	Japonica	NA			OsR498G0100073600.01.T01	
augustus_masked-3-processed-gene-35.11-mRNA-1	Japonica	Indica		Os04g0286500	OsR498G0305295200.01.T01	Transposon protein, putative, Pong sub-class, expressed
augustus_masked-3-processed-gene-35.2-mRNA-1	Japonica	NA		Os03g0169300	OsR498G0305295300.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
augustus_masked-3-processed-gene-35.26-mRNA-1	Japonica	Indica	Kinase-TM	Os10g0405100	OsR498G0305298200.01.T01	probable serine/threonine-protein kinase PBL3
augustus_masked-3-processed-gene-35.27-mRNA-1	Japonica	NA		Os03g0170500	OsR498G0305299000.01.T01	NAD(P)-linked oxidoreductase superfamily protein isoform 1
augustus_masked-3-processed-gene-36.18-mRNA-1	Japonica	NA		Os03g0171600	OsR498G0305304300.01.T05	F-box/kelch-repeat protein SKIP11
augustus_masked-3-processed-gene-36.42-mRNA-1	Japonica	Indica		Os03g0172400	OsR498G0305306800.01.T01	Cysteine proteinase inhibitor
augustus_masked-3-processed-gene-36.43-mRNA-1	Japonica	Japonica		Os03g0172400	OsR498G0305307000.01.T01	Cysteine proteinase inhibitor
augustus_masked-3-processed-gene-374.10-mRNA-1	Japonica	NA		Os03g0624300	OsR498G0306587700.01.T01	
augustus_masked-3-processed-gene-374.21-mRNA-1	Japonica	NA		Os03g0624800	OsR498G0306589900.01.T06	Putative methyltransferase PMT9
augustus_masked-3-processed-gene-376.15-mRNA-1	Japonica	NA		Os03g0627500	OsR498G0306600500.01.T02	Nucleic acid binding protein
augustus_masked-3-processed-gene-376.9-mRNA-1	Japonica	NA		Os06g0114366	OsR498G0612361200.01.T01	Selenium-binding protein-like
augustus_masked-3-processed-gene-38.39-mRNA-1	Japonica	NA			OsR498G0305810200.01.T01	
augustus_masked-3-processed-gene-38.45-mRNA-1	Japonica	NA			OsR498G0305314600.01.T01	
augustus_masked-3-processed-gene-38.46-mRNA-1	Japonica	NA		Os03g0175800		
augustus_masked-3-processed-gene-38.66-mRNA-1	Japonica	NA		Os03g0176900	OsR498G0305319400.01.T01	Phosphatidylserine decarboxylase beta chain like
augustus_masked-3-processed-gene-38.68-mRNA-1	Japonica	NA			OsR498G0305320600.01.T01	
augustus_masked-3-processed-gene-381.22-mRNA-1	Japonica	NA	LRR-TM	Os03g0637600	OsR498G0306623400.01.T01	Leucine-rich repeat extensin-like protein 6
augustus_masked-3-processed-gene-381.26-mRNA-1	Japonica	NA		Os03g0637800	OsR498G0306624300.01.T01	Serine/threonine-protein kinase-like protein CR4
augustus_masked-3-processed-gene-381.27-mRNA-1	Japonica	NA	Kinase-TM	Os03g0637800	OsR498G0306624300.01.T01	Receptor protein kinase CRINKLY4
augustus_masked-3-processed-gene-382.18-mRNA-1	Japonica	NA		Os03g0638900	OsR498G0306629400.01.T01	F-box domain containing protein expressed
augustus_masked-3-processed-gene-382.26-mRNA-1	Japonica	Japonica		Os03g0639400	OsR498G0306635200.01.T01	PMEI domain-containing protein
augustus_masked-3-processed-gene-386.29-mRNA-1	Japonica	Japonica		Os03g0645900	OsR498G1222114300.01.T01	Plastid 9-cis-epoxycarotenoid dioxygenase
augustus_masked-3-processed-gene-387.30-mRNA-1	Japonica	NA		Os03g0646300	OsR498G0306664500.01.T01	Cyclic nucleotide-gated ion channel 8
augustus_masked-3-processed-gene-387.36-mRNA-1	Japonica	NA		Os03g0646200		PORR domain-containing protein (Fragment)
augustus_masked-3-processed-gene-388.27-mRNA-1	Japonica	NA		Os03g0648100	OsR498G0306669800.01.T03	Core-2/l-branching beta-16-N-acetylglucosaminyltransferase family protein
augustus_masked-3-processed-gene-388.48-mRNA-1	Japonica	Japonica		Os03g0648800	OsR498G0306671600.01.T01	Glutaredoxin domain-containing cysteine-rich protein 1
augustus_masked-3-processed-gene-39.56-mRNA-1	Japonica	NA				Germin-like protein 3-1

augustus_masked-3-processed-gene-39.57-mRNA-1	Japonica	NA		Os03g0179200	OsR498G0305324900.01.T01	Cupin type-1 domain-containing protein
augustus_masked-3-processed-gene-39.75-mRNA-1	Japonica	NA		Os03g0180000	OsR498G0305327800.01.T01	Sodium/calcium exchanger membrane region
augustus_masked-3-processed-gene-39.1.1-mRNA-1	Japonica	NA			OsR498G0306689300.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-3-processed-gene-39.2.2-mRNA-1	Japonica	NA		Os03g0654400	OsR498G0306693800.01.T01	Amino acid permease family protein, expressed
augustus_masked-3-processed-gene-4.59-mRNA-1	Japonica	NA			OsR498G0305104500.01.T01	Modular polyketide synthase (Fragment)
augustus_masked-3-processed-gene-4.66-mRNA-1	Japonica	NA		Os03g0111000		
augustus_masked-3-processed-gene-40.12-mRNA-1	Japonica	NA		Os03g0181100	OsR498G0305331700.01.T01	Tify domain-containing protein (Fragment)
augustus_masked-3-processed-gene-40.14-mRNA-1	Japonica	NA		Os03g0181400	OsR498G0305333100.01.T01	PORR domain-containing protein (Fragment)
augustus_masked-3-processed-gene-40.28-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-3-processed-gene-40.24-mRNA-1	Japonica	Indica		Os03g0673100	OsR498G0306772900.01.T01	
augustus_masked-3-processed-gene-40.30-mRNA-1	Japonica	NA				
augustus_masked-3-processed-gene-40.4.32-mRNA-1	Japonica	NA		Os03g0676400	OsR498G0306781800.01.T01	VQ domain-containing protein (Fragment)
augustus_masked-3-processed-gene-40.4.6-mRNA-1	Japonica	NA		Os02g0770700	OsR498G0612483600.01.T01	Separase
augustus_masked-3-processed-gene-40.5.19-mRNA-1	Japonica	NA	CC-Kinase-TM	Os03g0678100	OsR498G0306787500.01.T01	Serine/threonine-protein kinase blus1
augustus_masked-3-processed-gene-40.6.25-mRNA-1	Japonica	Japonica		Os03g0678800	OsR498G0305988900.01.T01	Hexosyltransferase
augustus_masked-3-processed-gene-40.8.19-mRNA-1	Japonica	NA			OsR498G0306808200.01.T01	PAZ domain-containing protein/Piwi domain-containing protein/DUF1785 d
augustus_masked-3-processed-gene-40.9.26-mRNA-1	Japonica	Japonica		Os03g0683300	OsR498G1019231300.01.T01	rRNA N-glycosidase
augustus_masked-3-processed-gene-40.9.27-mRNA-1	Japonica	NA		Os01g0240700	OsR498G0100514900.01.T01	DUF1618 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-40.9.7-mRNA-1	Japonica	NA			OsR498G0306810100.01.T01	Agmatine coumaroyltransferase-2
augustus_masked-3-processed-gene-41.18-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os03g0183800	OsR498G0305342500.01.T01	Strubbelig-receptor family 6
augustus_masked-3-processed-gene-41.19-mRNA-1	Japonica	NA		Os03g0184000	OsR498G0305342900.01.T03	15-cis-phytoene desaturase, chloroplastic/chromoplastic
augustus_masked-3-processed-gene-41.1.5-mRNA-1	Japonica	Indica		Os06g0488200	OsR498G0306819800.01.T02	Myosin family protein with Dil domain isoform 1
augustus_masked-3-processed-gene-41.2.41-mRNA-1	Japonica	Indica		Os03g0689800	OsR498G0306832100.01.T01	NB-ARC domain containing protein
augustus_masked-3-processed-gene-41.3.0-mRNA-1	Japonica	NA		Os03g0690500	OsR498G0306837400.01.T01	2-oxoglutarate-dependent oxygenase
augustus_masked-3-processed-gene-41.4.46-mRNA-1	Japonica	NA			OsR498G0306849600.01.T02	DUF538 domain-containing protein
augustus_masked-3-processed-gene-41.4.47-mRNA-1	Japonica	NA			OsR498G0306849600.01.T01	
augustus_masked-3-processed-gene-41.5.15-mRNA-1	Japonica	NA		Os03g0694800	OsR498G0306856500.01.T03	50S ribosomal protein L18, cyanelle
augustus_masked-3-processed-gene-41.5.2-mRNA-1	Japonica	NA		Os03g0693400	OsR498G0306851600.01.T02	
augustus_masked-3-processed-gene-41.5.3-mRNA-1	Japonica	NA		Os03g0693700	OsR498G0306853200.01.T01	Oxalate oxidase 2
augustus_masked-3-processed-gene-41.5.31-mRNA-1	Japonica	NA	LRR-TM		OsR498G0306857800.01.T01	Putative LRR receptor-like protein kinase
augustus_masked-3-processed-gene-41.5.5-mRNA-1	Japonica	NA		Os03g0693900	OsR498G0306854600.01.T01	Oxalate oxidase 2
augustus_masked-3-processed-gene-41.7.12-mRNA-1	Japonica	NA		Os03g0698800	OsR498G0306869300.01.T05	Zinc finger CCCH domain-containing protein 24
augustus_masked-3-processed-gene-41.8.28-mRNA-1	Japonica	Indica		Os07g0196700	OsR498G0306874200.01.T01	NAC domain-containing protein
augustus_masked-3-processed-gene-41.9.57-mRNA-1	Japonica	NA		Os03g0702500	OsR498G0306882500.01.T01	Glycosyltransferase
augustus_masked-3-processed-gene-41.9.59-mRNA-1	Japonica	NA		Os03g0702800	OsR498G0306884100.01.T02	Eukaryotic peptide chain release factor subunit 1-3
augustus_masked-3-processed-gene-41.9.67-mRNA-1	Japonica	NA			OsR498G0306883000.01.T01	Histone acetyltransferase of the MYST family 1 isoform 1
augustus_masked-3-processed-gene-41.9.73-mRNA-1	Japonica	NA			OsR498G0306885000.01.T06	Protein kinase domain-containing protein
augustus_masked-3-processed-gene-42.16-mRNA-1	Japonica	Japonica		Os03g0185000	OsR498G0305393200.01.T01	Serine O-acetyltransferase
augustus_masked-3-processed-gene-42.32-mRNA-1	Japonica	NA		Os03g0185200	OsR498G0305348400.01.T05	Pentatricopeptide repeat-containing protein DOT4, chloroplastic
augustus_masked-3-processed-gene-42.34-mRNA-1	Japonica	NA		Os03g0185700	OsR498G0305349200.01.T01	Agmatine coumaroyltransferase-2
augustus_masked-3-processed-gene-42.1.0-mRNA-1	Japonica	Japonica		Os03g0705433	OsR498G0306891900.01.T01	Putative transcription factor RL9
augustus_masked-3-processed-gene-42.1.1-mRNA-1	Japonica	NA				ATP-dependent helicase
augustus_masked-3-processed-gene-42.1.12-mRNA-1	Japonica	NA		Os03g0706500	OsR498G0306897300.01.T01	Transcription factor TEOSINTE BRANCHED 1
augustus_masked-3-processed-gene-42.2.40-mRNA-1	Japonica	NA		Os03g0707600	OsR498G0306900900.01.T01	DELLA protein RHT-1
augustus_masked-3-processed-gene-42.3.36-mRNA-1	Japonica	NA		Os03g0708200	OsR498G0306904300.01.T01	DUF295 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-42.3.41-mRNA-1	Japonica	NA		Os03g0708600	OsR498G0306905200.01.T03	DEAD-box ATP-dependent RNA helicase
augustus_masked-3-processed-gene-42.3.53-mRNA-1	Japonica	Indica		Os09g0552200	OsR498G0306910900.01.T01	
augustus_masked-3-processed-gene-42.3.73-mRNA-1	Japonica	NA		Os03g0710550		
augustus_masked-3-processed-gene-42.4.48-mRNA-1	Japonica	NA			OsR498G0306916100.01.T01	DNA-directed RNA polymerase I subunit H
augustus_masked-3-processed-gene-42.4.55-mRNA-1	Japonica	NA			OsR498G0306915600.01.T02	H15 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-42.5.21-mRNA-1	Japonica	NA			OsR498G1221284200.01.T02	
augustus_masked-3-processed-gene-42.6.1-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0225100	OsR498G0306923500.01.T01	Mitogen-activated protein kinase kinase 7
augustus_masked-3-processed-gene-42.7.8-mRNA-1	Japonica	NA			OsR498G0306930000.01.T01	
augustus_masked-3-processed-gene-42.8.46-mRNA-1	Japonica	NA		Os03g0719100	OsR498G0306943300.01.T02	E3 SUMO-protein ligase SIZ2
augustus_masked-3-processed-gene-42.9.9-mRNA-1	Japonica	NA		Os03g0720400	OsR498G0306947300.01.T01	F-box only protein 7
augustus_masked-3-processed-gene-43.37-mRNA-1	Japonica	NA		Os03g0186900	OsR498G0305351700.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-43.61-mRNA-1	Japonica	NA		Os03g0187800	OsR498G0305357000.01.T01	Purine permease
augustus_masked-3-processed-gene-43.62-mRNA-1	Japonica	NA		Os03g0188200		RING-H2 finger protein ATL3B
augustus_masked-3-processed-gene-43.0.12-mRNA-1	Japonica	NA		Os03g0722500	OsR498G0306957100.01.T02	Glucan endo-1,3-beta-D-glucosidase
augustus_masked-3-processed-gene-43.0.27-mRNA-1	Japonica	NA		Os03g0722000		Hyccin domain-containing protein (Fragment)
augustus_masked-3-processed-gene-43.1.1-mRNA-1	Japonica	NA		Os03g0723000	OsR498G0306958900.01.T01	Scarecrow-like protein 4

augustus_masked-3-processed-gene-432.0-mRNA-1	Japonica	NA		Os03g0724700	OsR498G0306965500.01.T05	Maf-like protein, expressed
augustus_masked-3-processed-gene-433.0-mRNA-1	Japonica	NA		Os03g0726400	OsR498G0306972700.01.T01	Transcription initiation factor TFIID subunit 8
augustus_masked-3-processed-gene-433.13-mRNA-1	Japonica	NA			OsR498G0306975400.01.T02	KNOTTED1 homeodomain protein (Fragment)
augustus_masked-3-processed-gene-434.24-mRNA-1	Japonica	NA		Os03g0727800	OsR498G0306978500.01.T01	Protein kinase domain-containing protein
augustus_masked-3-processed-gene-434.27-mRNA-1	Japonica	NA		Os03g0728200	OsR498G0306979100.01.T02	Pentatricopeptide repeat
augustus_masked-3-processed-gene-434.28-mRNA-1	Japonica	NA		Os03g0728500	OsR498G0306979300.01.T01	FHA domain containing protein, expressed
augustus_masked-3-processed-gene-435.43-mRNA-1	Japonica	NA		Os03g0728700		
augustus_masked-3-processed-gene-437.47-mRNA-1	Japonica	Indica		Os03g0732100	OsR498G0306994100.01.T01	Homeodomain protein JUBEL1
augustus_masked-3-processed-gene-437.59-mRNA-1	Japonica	NA		Os03g0733400		Zinc finger BED domain-containing protein DAYSLEEPER
augustus_masked-3-processed-gene-438.50-mRNA-1	Japonica	Indica		Os03g0734100	OsR498G0307000500.01.T02	
augustus_masked-3-processed-gene-438.62-mRNA-1	Japonica	NA		Os03g0734400	OsR498G0307001400.01.T01	Mitochondrial ribosomal protein L7/L12
augustus_masked-3-processed-gene-439.13-mRNA-1	Japonica	NA		Os03g0736200	OsR498G0307006100.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-3-processed-gene-439.14-mRNA-1	Japonica	Indica	OsSYP121	Os03g0787000	OsR498G0307007300.01.T01	Syntaxin-related protein KNOLLE
augustus_masked-3-processed-gene-439.15-mRNA-1	Japonica	NA		Os03g0736600	OsR498G0307007700.01.T01	ATP synthase subunit delta, chloroplastic
augustus_masked-3-processed-gene-44.10-mRNA-1	Japonica	NA			OsR498G0305363300.01.T01	
augustus_masked-3-processed-gene-44.14-mRNA-1	Japonica	Indica		Os03g0189900	OsR498G0305365900.01.T01	VQ motif-containing protein 9
augustus_masked-3-processed-gene-44.24-mRNA-1	Japonica	NA		Os03g0189300	OsR498G0305364200.01.T01	Myosin heavy chain-related protein
augustus_masked-3-processed-gene-441.29-mRNA-1	Japonica	NA			OsR498G0307016800.01.T01	
augustus_masked-3-processed-gene-441.40-mRNA-1	Japonica	NA		Os03g0741600	OsR498G0307023100.01.T02	
augustus_masked-3-processed-gene-442.43-mRNA-1	Japonica	NA			OsR498G0307028900.01.T04	Methyltransferase small domain
augustus_masked-3-processed-gene-442.45-mRNA-1	Japonica	NA			OsR498G0202820500.01.T01	U5 small nuclear ribonucleoprotein 200 kDa helicase
augustus_masked-3-processed-gene-442.52-mRNA-1	Japonica	NA		Os03g0743650	OsR498G0307030000.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-3-processed-gene-444.32-mRNA-1	Japonica	NA		Os03g0746700	OsR498G0307041400.01.T01	Zinc finger MYM-type protein 6
augustus_masked-3-processed-gene-445.12-mRNA-1	Japonica	NA		Os03g0748000	OsR498G0307045700.01.T01	Evolutionarily conserved C-terminal region 2
augustus_masked-3-processed-gene-446.39-mRNA-1	Japonica	NA		Os03g0749400	OsR498G0307051300.01.T01	Circumsporozoite protein-like protein
augustus_masked-3-processed-gene-446.45-mRNA-1	Japonica	NA		Os03g0750500	OsR498G0307053300.01.T02	Atrophin-1 like
augustus_masked-3-processed-gene-448.17-mRNA-1	Japonica	NA		Os03g0753500	OsR498G0307062200.01.T01	
augustus_masked-3-processed-gene-45.19-mRNA-1	Japonica	NA		Os03g0191700	OsR498G0305370400.01.T03	PUM-HD domain-containing protein (Fragment)
augustus_masked-3-processed-gene-45.20-mRNA-1	Japonica	NA		Os03g0191900		DRE binding factor
augustus_masked-3-processed-gene-450.56-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os03g0756200	OsR498G0307070000.01.T03	Lrr receptor-like serinethreonine-protein kinase rpk2
augustus_masked-3-processed-gene-451.17-mRNA-1	Japonica	NA		Os03g0757600	OsR498G0307074100.01.T01	UDP-glycosyltransferase 83A1
augustus_masked-3-processed-gene-451.2-mRNA-1	Japonica	NA				DUF591 domain-containing protein
augustus_masked-3-processed-gene-451.28-mRNA-1	Japonica	NA		Os03g0757100	OsR498G0307073200.01.T01	UDP-glycosyltransferase 83A1
augustus_masked-3-processed-gene-452.58-mRNA-1	Japonica	NA			OsR498G0307081900.01.T01	
augustus_masked-3-processed-gene-452.60-mRNA-1	Japonica	Indica		Os03g0759700	OsR498G0307082900.01.T01	BHLH transcription factor (Fragment)
augustus_masked-3-processed-gene-452.62-mRNA-1	Japonica	NA		Os03g0760000	OsR498G0307083700.01.T02	Isoflavone 2'-hydroxylase
augustus_masked-3-processed-gene-452.65-mRNA-1	Japonica	NA		Os03g0760100	OsR498G0307084100.01.T01	
augustus_masked-3-processed-gene-453.47-mRNA-1	Japonica	NA		Os03g0760900		
augustus_masked-3-processed-gene-453.48-mRNA-1	Japonica	NA		Os03g0761300	OsR498G0307086900.01.T01	Pentatricopeptide repeat-containing protein, mitochondrial
augustus_masked-3-processed-gene-453.78-mRNA-1	Japonica	NA		Os03g0761500	OsR498G0307087600.01.T01	Subtilisin-like protease
augustus_masked-3-processed-gene-453.81-mRNA-1	Japonica	NA		Os03g0762700	OsR498G0307092400.01.T01	Transcriptional regulator of RNA polII SAGA subunit
augustus_masked-3-processed-gene-454.49-mRNA-1	Japonica	NA		Os03g0764100		Zinc finger transcription factor ZF1
augustus_masked-3-processed-gene-454.52-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-3-processed-gene-455.35-mRNA-1	Japonica	NA		Os03g0764900	OsR498G0307100600.01.T01	Dof zinc finger protein like
augustus_masked-3-processed-gene-455.39-mRNA-1	Japonica	NA		Os03g0765800	OsR498G0307104500.01.T01	Molybdenum cofactor sulfurase
augustus_masked-3-processed-gene-456.26-mRNA-1	Japonica	NA		Os03g0766900	OsR498G0307107500.01.T04	Proteasome assembly chaperone 2
augustus_masked-3-processed-gene-456.33-mRNA-1	Japonica	NA		Os03g0767000	OsR498G0307107800.01.T01	Allene oxide synthase chloroplastic
augustus_masked-3-processed-gene-456.40-mRNA-1	Japonica	NA		Os03g0768900		
augustus_masked-3-processed-gene-456.47-mRNA-1	Japonica	NA		Os03g0767700		Pentatricopeptide repeat-containing protein, mitochondrial
augustus_masked-3-processed-gene-457.23-mRNA-1	Japonica	NA		Os03g0769900	OsR498G0307115300.01.T01	BSD domain-containing protein
augustus_masked-3-processed-gene-458.45-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0772600	OsR498G0307124500.01.T01	Lectin protein kinase, putative, expressed
augustus_masked-3-processed-gene-458.51-mRNA-1	Japonica	Indica	Kinase	Os04g0531500	OsR498G0307125400.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-3-processed-gene-458.53-mRNA-1	Japonica	NA		Os03g0772900	OsR498G0307126600.01.T01	DUF862 domain-containing protein
augustus_masked-3-processed-gene-46.58-mRNA-1	Japonica	NA		Os03g0193000	OsR498G0305375300.01.T05	GRAS domain-containing protein (Fragment)
augustus_masked-3-processed-gene-460.12-mRNA-1	Japonica	NA		Os03g0775400		Pentatricopeptide repeat
augustus_masked-3-processed-gene-460.35-mRNA-1	Japonica	NA		Os03g0776400	OsR498G0307139600.01.T01	
augustus_masked-3-processed-gene-461.14-mRNA-1	Japonica	NA		Os03g0778400	OsR498G0307149500.01.T01	Keratinocyte proline-rich protein
augustus_masked-3-processed-gene-461.26-mRNA-1	Japonica	NA			OsR498G0307150200.01.T01	DUF295 domain-containing protein
augustus_masked-3-processed-gene-462.9-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-3-processed-gene-463.16-mRNA-1	Japonica	NA		Os03g0783100		
augustus_masked-3-processed-gene-463.19-mRNA-1	Japonica	Indica		Os03g0783100	OsR498G0307161100.01.T01	Sentrin-specific protease 7 (Fragment)

augustus_masked-3-processed-gene-463.29-mRNA-1	Japonica	NA		Os03g0784000	OsR498G0307165900.01.T08	Amine oxidase, putative, expressed
augustus_masked-3-processed-gene-464.23-mRNA-1	Japonica	NA				
augustus_masked-3-processed-gene-465.44-mRNA-1	Japonica	NA		Os03g0786600	OsR498G0307172600.01.T01	PORR domain-containing protein (Fragment)
augustus_masked-3-processed-gene-465.50-mRNA-1	Japonica	NA		Os03g0788100	OsR498G0307176100.01.T01	RING-H2 finger protein ATL71
augustus_masked-3-processed-gene-466.1-mRNA-1	Japonica	NA		Os03g0788300	OsR498G0307176700.01.T02	Nuclear pore complex protein NUP1
augustus_masked-3-processed-gene-466.8-mRNA-1	Japonica	NA		Os03g0788600	OsR498G0307177200.01.T01	Fasciclin-like arabinogalactan protein 16
augustus_masked-3-processed-gene-467.46-mRNA-1	Japonica	NA		Os03g0790500	OsR498G0307182700.01.T01	probable carboxylesterase 15
augustus_masked-3-processed-gene-467.64-mRNA-1	Japonica	NA		Os03g0791600		
augustus_masked-3-processed-gene-468.20-mRNA-1	Japonica	NA		Os03g0794000	OsR498G0307194900.01.T01	AAI domain-containing protein (Fragment)
augustus_masked-3-processed-gene-468.30-mRNA-1	Japonica	NA		Os03g0793000	OsR498G0307191600.01.T01	Zinc finger AN1 domain-containing stress-associated protein 14
augustus_masked-3-processed-gene-468.9-mRNA-1	Japonica	NA			OsR498G0307189200.01.T01	DUF295 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-469.46-mRNA-1	Japonica	NA		Os03g0795200	OsR498G0307197700.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
augustus_masked-3-processed-gene-469.62-mRNA-1	Japonica	NA			OsR498G0307200200.01.T01	F-box domain-containing protein
augustus_masked-3-processed-gene-469.63-mRNA-1	Japonica	Japonica		Os03g0796100	OsR498G0511251800.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-3-processed-gene-47.0-mRNA-1	Japonica	NA		Os05g0548200		TFIIB-type domain-containing protein
augustus_masked-3-processed-gene-47.1-mRNA-1	Japonica	NA		Os03g0193700		Geranylgeranyl transferase type-2 subunit beta
augustus_masked-3-processed-gene-47.15-mRNA-1	Japonica	NA			OsR498G0511460800.01.T01	
augustus_masked-3-processed-gene-47.16-mRNA-1	Japonica	NA		Os03g0194100	OsR498G0305379000.01.T04	C2 calcium-dependent membrane targeting
augustus_masked-3-processed-gene-47.17-mRNA-1	Japonica	NA		Os03g0194300	OsR498G0305379200.01.T01	Cytochrome b561 and DOMON domain-containing protein
augustus_masked-3-processed-gene-47.6-mRNA-1	Japonica	NA		Os03g0194600	OsR498G0305379700.01.T02	DOMON domain-containing protein (Fragment)
augustus_masked-3-processed-gene-470.39-mRNA-1	Japonica	NA		Os03g0797600	OsR498G0307212100.01.T04	Transcription factor UNE12
augustus_masked-3-processed-gene-470.48-mRNA-1	Japonica	NA		Os03g0797000	OsR498G0307209000.01.T03	Tryptophan synthase
augustus_masked-3-processed-gene-471.32-mRNA-1	Japonica	Japonica		Os03g0798400	OsR498G0307023100.01.T02	
augustus_masked-3-processed-gene-472.55-mRNA-1	Japonica	Indica		Os03g0800000	OsR498G0307220700.01.T01	Nodulin-like domain-containing protein (Fragment)
augustus_masked-3-processed-gene-472.78-mRNA-1	Japonica	NA		Os03g0801350	OsR498G0307223000.01.T01	
augustus_masked-3-processed-gene-473.14-mRNA-1	Japonica	Japonica		Os03g0802500	OsR498G0713673300.01.T01	Adenosinetriphosphatase
augustus_masked-3-processed-gene-473.17-mRNA-1	Japonica	Indica		Os03g0802600	OsR498G0307226500.01.T01	Adenosinetriphosphatase
augustus_masked-3-processed-gene-473.3-mRNA-1	Japonica	NA		Os03g0802150	OsR498G0307225100.01.T01	DUF295 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-473.4-mRNA-1	Japonica	Japonica		Os03g0802200	OsR498G0102093100.01.T01	Cysteine-rich transmembrane CYSTM domain containing protein
augustus_masked-3-processed-gene-476.34-mRNA-1	Japonica	NA		Os03g0809000	OsR498G0307249200.01.T01	Dirigent protein 15
augustus_masked-3-processed-gene-477.48-mRNA-1	Japonica	NA		Os03g0810100	OsR498G0307251700.01.T01	Adenylate isopentenyltransferase
augustus_masked-3-processed-gene-477.57-mRNA-1	Japonica	NA			OsR498G0307253600.01.T01	
augustus_masked-3-processed-gene-478.0-mRNA-1	Japonica	NA				DUF591 domain-containing protein
augustus_masked-3-processed-gene-478.19-mRNA-1	Japonica	NA		Os03g0811800	OsR498G0307258000.01.T01	Ribosomal protein (Fragment)
augustus_masked-3-processed-gene-478.8-mRNA-1	Japonica	NA		Os03g0811700	OsR498G0307257700.01.T01	RRM domain-containing protein (Fragment)
augustus_masked-3-processed-gene-48.14-mRNA-1	Japonica	NA		Os03g0196250	OsR498G0305387400.01.T01	Putative metal ion binding protein
augustus_masked-3-processed-gene-48.15-mRNA-1	Japonica	Indica		Os02g0316200	OsR498G0305390400.01.T01	F-box/kelch-repeat protein OR23
augustus_masked-3-processed-gene-48.16-mRNA-1	Japonica	NA		Os03g0196500	OsR498G0305391600.01.T01	F-box protein SNE
augustus_masked-3-processed-gene-48.17-mRNA-1	Japonica	NA		Os03g0196600	OsR498G0305393200.01.T01	Serine O-acetyltransferase
augustus_masked-3-processed-gene-48.9-mRNA-1	Japonica	NA			OsR498G0305389700.01.T02	X8 domain-containing protein
augustus_masked-3-processed-gene-480.66-mRNA-1	Japonica	NA		Os03g0815800	OsR498G0307268600.01.T01	Ethylene-responsive transcription factor CRF3
augustus_masked-3-processed-gene-481.1-mRNA-1	Japonica	NA		Os03g0817200	OsR498G0307275500.01.T01	Lysine histidine transporter 1
augustus_masked-3-processed-gene-482.11-mRNA-1	Japonica	NA		Os03g0820100	OsR498G0307285100.01.T04	NEDD8-activating enzyme E1 regulatory subunit
augustus_masked-3-processed-gene-482.15-mRNA-1	Japonica	NA		Os03g0820600	OsR498G0307286500.01.T01	Actin-depolymerizing factor
augustus_masked-3-processed-gene-483.47-mRNA-1	Japonica	NA	Kinase-TM	Os03g0821900	OsR498G0307292500.01.T01	Protein kinase APK1A chloroplastic
augustus_masked-3-processed-gene-483.53-mRNA-1	Japonica	NA		Os03g0822900		HAT family dimerisation domain containing protein, expressed
augustus_masked-3-processed-gene-483.63-mRNA-1	Japonica	NA		Os03g0821700	OsR498G0307291800.01.T01	Putative tetra-tricopeptide-like helical domain, DYW domain-containing protein
augustus_masked-3-processed-gene-484.15-mRNA-1	Japonica	Japonica		Os03g0824600	OsR498G0307299700.01.T01	DIMBOA UDP-glucosyltransferase BX8
augustus_masked-3-processed-gene-484.2-mRNA-1	Japonica	Indica		Os03g0823400	OsR498G0307296200.01.T01	Bowman-Birk type trypsin inhibitor
augustus_masked-3-processed-gene-484.21-mRNA-1	Japonica	NA		Os03g0823700	OsR498G0307297400.01.T01	Ras-related protein Rab-11A
augustus_masked-3-processed-gene-484.25-mRNA-1	Japonica	Indica		Os03g0824000	OsR498G0307298400.01.T02	Mitotic-spindle organizing protein 1A
augustus_masked-3-processed-gene-485.64-mRNA-1	Japonica	NA		Os03g0826500	OsR498G0307305400.01.T01	Anthranyl synthase alpha subunit 1, chloroplastic
augustus_masked-3-processed-gene-486.14-mRNA-1	Japonica	NA	Kinase-TM	Os03g0828800	OsR498G0307310600.01.T02	Dual specificity testis-specific protein kinase 2
augustus_masked-3-processed-gene-486.29-mRNA-1	Japonica	NA		Os03g0829600	OsR498G0307312600.01.T01	PMEI domain-containing protein (Fragment)
augustus_masked-3-processed-gene-490.33-mRNA-1	Japonica	NA	Kinase-TM	Os03g0838100	OsR498G0307339000.01.T02	Non-specific serine/threonine protein kinase (Fragment)
augustus_masked-3-processed-gene-491.47-mRNA-1	Japonica	NA		Os03g0839400		
augustus_masked-3-processed-gene-491.50-mRNA-1	Japonica	NA		Os03g0839800		
augustus_masked-3-processed-gene-492.101-mRNA-1	Japonica	NA		Os03g0843300	OsR498G0307353000.01.T03	Salt tolerance protein I
augustus_masked-3-processed-gene-492.63-mRNA-1	Japonica	NA			OsR498G0307346400.01.T01	SANT domain-containing protein
augustus_masked-3-processed-gene-493.61-mRNA-1	Japonica	NA		Os03g0843700		
augustus_masked-3-processed-gene-493.78-mRNA-1	Japonica	NA		Os03g0845100		Transposon protein, putative, Mutator sub-class

augustus_masked-3-processed-gene-494.16-mRNA-1	Japonica	NA			OsR498G0307363000.01.T01	
augustus_masked-3-processed-gene-494.5-mRNA-1	Japonica	NA		Os03g0845600	OsR498G0307359400.01.T01	Glucan endo-1,3-beta-D-glucosidase
augustus_masked-3-processed-gene-496.24-mRNA-1	Japonica	NA		Os03g0850300	OsR498G0307370800.01.T02	SAM domain-containing protein (Fragment)
augustus_masked-3-processed-gene-496.26-mRNA-1	Japonica	NA		Os03g0850700	OsR498G0307373200.01.T01	Polyphosphoinositide binding protein Ssh2p
augustus_masked-3-processed-gene-496.32-mRNA-1	Japonica	NA		Os03g0851300	OsR498G0307375200.01.T01	26S proteasome non-ATPase regulatory subunit A
augustus_masked-3-processed-gene-497.11-mRNA-1	Japonica	NA		Os03g0852800	OsR498G0307378500.01.T01	Non-specific phospholipase
augustus_masked-3-processed-gene-497.22-mRNA-1	Japonica	NA			OsR498G0307376800.01.T01	Pentatricopeptide repeat
augustus_masked-3-processed-gene-497.24-mRNA-1	Japonica	NA		Os03g0852400	OsR498G0307377400.01.T01	Amino acid adenylation domain-containing protein
augustus_masked-3-processed-gene-497.26-mRNA-1	Japonica	NA		Os03g0852700	OsR498G0307378000.01.T01	Pentatricopeptide repeat-containing protein, chloroplastic
augustus_masked-3-processed-gene-498.10-mRNA-1	Japonica	NA		Os03g0854000		Gamma-glutamylcyclotransferase family protein (Fragment)
augustus_masked-3-processed-gene-498.22-mRNA-1	Japonica	NA		Os03g0854400		RNase III domain-containing protein (Fragment)
augustus_masked-3-processed-gene-498.5-mRNA-1	Japonica	NA		Os03g0853700	OsR498G0307382200.01.T02	GCFC domain-containing protein (Fragment)
augustus_masked-3-processed-gene-499.41-mRNA-1	Japonica	NA		Os03g0856000	OsR498G0307391300.01.T01	S-noroclaurine synthase 1
augustus_masked-3-processed-gene-499.42-mRNA-1	Japonica	Indica		Os03g0856100	OsR498G0307391500.01.T01	Smr domain-containing protein (Fragment)
augustus_masked-3-processed-gene-50.6-mRNA-1	Japonica	NA		Os03g0199100	OsR498G0305405700.01.T01	
augustus_masked-3-processed-gene-50.7-mRNA-1	Japonica	NA		Os03g0199300		
augustus_masked-3-processed-gene-500.0-mRNA-1	Japonica	NA		Os03g0856700	OsR498G0307394300.01.T01	Gibberellin 20-oxidase
augustus_masked-3-processed-gene-500.10-mRNA-1	Japonica	NA				
augustus_masked-3-processed-gene-500.11-mRNA-1	Japonica	NA		Os03g0857600	OsR498G0307396700.01.T01	SASA domain-containing protein (Fragment)
augustus_masked-3-processed-gene-500.21-mRNA-1	Japonica	NA		Os03g0857750	OsR498G0307397000.01.T01	PREDICTED
augustus_masked-3-processed-gene-500.26-mRNA-1	Japonica	NA		Os03g0858600	OsR498G0307399000.01.T01	Myelin-associated oligodendrocyte basic protein
augustus_masked-3-processed-gene-500.9-mRNA-1	Japonica	Japonica		Os03g0857100	OsR498G0307395900.01.T01	Outer membrane autotransporter
augustus_masked-3-processed-gene-501.21-mRNA-1	Japonica	NA		Os03g0860600	OsR498G0307403900.01.T01	Oxidoreductase, 2OG-Fe oxygenase family protein, expressed
augustus_masked-3-processed-gene-501.3-mRNA-1	Japonica	NA		Os03g0858800	OsR498G0307399200.01.T05	Protein DETOXIFICATION
augustus_masked-3-processed-gene-501.32-mRNA-1	Japonica	NA		Os03g0860100	OsR498G0307401600.01.T01	Ethylene-responsive transcription factor
augustus_masked-3-processed-gene-501.33-mRNA-1	Japonica	NA			OsR498G0408884400.01.T03	Epstein-Barr virus EBNA-1-like
augustus_masked-3-processed-gene-501.34-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-3-processed-gene-501.36-mRNA-1	Japonica	NA			OsR498G0307403800.01.T02	Dilute domain-containing protein
augustus_masked-3-processed-gene-502.11-mRNA-1	Japonica	NA		Os10g0531750	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-3-processed-gene-502.4-mRNA-1	Japonica	NA		Os03g0861000		
augustus_masked-3-processed-gene-51.76-mRNA-1	Japonica	NA			OsR498G0305416200.01.T01	Retrotransposon protein, putative, LINE subclass
augustus_masked-3-processed-gene-52.21-mRNA-1	Japonica	Japonica		Os03g0204201	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-3-processed-gene-53.17-mRNA-1	Japonica	NA		Os03g0206100	OsR498G0305428000.01.T03	Protein SNOWY COTYLEDON 3
augustus_masked-3-processed-gene-54.18-mRNA-1	Japonica	NA		Os03g0208600	OsR498G0305434900.01.T01	Pentatricopeptide repeat
augustus_masked-3-processed-gene-55.10-mRNA-1	Japonica	NA		Os03g0209600	OsR498G0305438500.01.T05	Methionyl-tRNA synthetase
augustus_masked-3-processed-gene-55.12-mRNA-1	Japonica	Indica		Os03g0209700	OsR498G0305438700.01.T04	Rho GTPase-activating protein REN1-like
augustus_masked-3-processed-gene-55.24-mRNA-1	Japonica	Indica		Os03g0210200	OsR498G0305439800.01.T01	Cysteine proteinase inhibitor
augustus_masked-3-processed-gene-55.26-mRNA-1	Japonica	NA			OsR498G0305440400.01.T01	Myosin heavy chain
augustus_masked-3-processed-gene-55.28-mRNA-1	Japonica	Indica		Os03g0210600	OsR498G0305441000.01.T01	Nodulin-related protein 1
augustus_masked-3-processed-gene-56.11-mRNA-1	Japonica	NA			OsR498G0305443800.01.T01	
augustus_masked-3-processed-gene-56.17-mRNA-1	Japonica	Japonica		Os03g0212000	OsR498G0305445700.01.T01	Glycosyltransferase
augustus_masked-3-processed-gene-56.2-mRNA-1	Japonica	NA		Os03g0211400	OsR498G0305443500.01.T02	Plant calmodulin-binding protein-related
augustus_masked-3-processed-gene-56.9-mRNA-1	Japonica	NA		Os03g0211200		
augustus_masked-3-processed-gene-57.51-mRNA-1	Japonica	Indica		Os03g0213200	OsR498G0305448900.01.T03	Stellacyanin
augustus_masked-3-processed-gene-57.72-mRNA-1	Japonica	NA			OsR498G0305450200.01.T07	
augustus_masked-3-processed-gene-57.73-mRNA-1	Japonica	NA		Os03g0213800	OsR498G0305450400.01.T01	mitochondrial substrate carrier family protein E
augustus_masked-3-processed-gene-58.35-mRNA-1	Japonica	NA		Os03g0215000	OsR498G0305452800.01.T01	TPT domain-containing protein
augustus_masked-3-processed-gene-59.34-mRNA-1	Japonica	NA		Os03g0215900	OsR498G0305457400.01.T01	Putative Smr domain, tetra- and pentatricopeptide-like helical domain, pentatricopeptide repeat
augustus_masked-3-processed-gene-59.35-mRNA-1	Japonica	NA		Os03g0216000	OsR498G0305457800.01.T01	Zinc finger protein GIS
augustus_masked-3-processed-gene-59.55-mRNA-1	Japonica	NA		Os03g0216500	OsR498G0305459600.01.T01	Delta-latroitsectotoxin-Lt1a
augustus_masked-3-processed-gene-59.58-mRNA-1	Japonica	NA		Os03g0217000		Recombination protein like
augustus_masked-3-processed-gene-60.14-mRNA-1	Japonica	Japonica		Os03g0219500	OsR498G0204385500.01.T01	Uv-induced protein uvi31
augustus_masked-3-processed-gene-60.21-mRNA-1	Japonica	NA		Os03g0218500	OsR498G0305464200.01.T01	Heat shock protein 8
augustus_masked-3-processed-gene-61.13-mRNA-1	Japonica	NA	Kinase-TM	Os03g0221700		G-type lectin S-receptor-like serine/threonine-protein kinase
augustus_masked-3-processed-gene-61.4-mRNA-1	Japonica	NA		Os03g0219700	OsR498G0305467400.01.T01	DEAD-box ATP-dependent RNA helicase
augustus_masked-3-processed-gene-62.20-mRNA-1	Japonica	NA			OsR498G0305476500.01.T01	Caleosin
augustus_masked-3-processed-gene-62.32-mRNA-1	Japonica	NA		Os03g0223100	OsR498G0305478400.01.T01	Cytochrome P450 family 94 subfamily D polypeptide 2
augustus_masked-3-processed-gene-62.4-mRNA-1	Japonica	NA		Os03g0222500		F-box domain-containing protein
augustus_masked-3-processed-gene-63.50-mRNA-1	Japonica	NA		Os03g0225300	OsR498G0305487200.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-3-processed-gene-64.37-mRNA-1	Japonica	NA		Os03g0225900	OsR498G0305488900.01.T01	Allene oxide synthase, chloroplastic
augustus_masked-3-processed-gene-64.45-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like

augustus_masked-3-processed-gene-64.51-mRNA-1	Japonica	NA			OsR498G0305491700.01.T01	DNA methyl transferase5
augustus_masked-3-processed-gene-65.40-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Circumsporozoite protein-like
augustus_masked-3-processed-gene-68.20-mRNA-1	Japonica	NA		Os03g0232000	OsR498G0305516600.01.T08	Helix-loop-helix DNA-binding domain containing protein, expressed
augustus_masked-3-processed-gene-68.43-mRNA-1	Japonica	NA		Os03g0232600	OsR498G0305520600.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-3-processed-gene-69.20-mRNA-1	Japonica	Japonica		Os03g0235200	OsR498G0305528900.01.T01	Pentatricopeptide repeat
augustus_masked-3-processed-gene-7.58-mRNA-1	Japonica	NA		Os03g0116900	OsR498G0305123700.01.T05	Armadillo/beta-catenin-like repeat family protein, expressed
augustus_masked-3-processed-gene-70.1-mRNA-1	Japonica	NA			OsR498G0305531300.01.T01	transcription factor MYB3R-3-like isoform X2
augustus_masked-3-processed-gene-71.34-mRNA-1	Japonica	NA			OsR498G0305536700.01.T03	DUF775 domain-containing protein
augustus_masked-3-processed-gene-71.40-mRNA-1	Japonica	Indica		Os03g0237950	OsR498G0305538800.01.T01	FAS1 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-71.55-mRNA-1	Japonica	NA		Os10g0531750	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-3-processed-gene-71.61-mRNA-1	Japonica	NA		Os03g0239300	OsR498G0305543200.01.T02	Zinc finger protein 1
augustus_masked-3-processed-gene-72.40-mRNA-1	Japonica	NA		Os03g0240400	OsR498G0305545900.01.T01	
augustus_masked-3-processed-gene-72.41-mRNA-1	Japonica	NA		Os03g0240800	OsR498G0305546700.01.T01	Small nuclear ribonucleoprotein Sm D3
augustus_masked-3-processed-gene-72.47-mRNA-1	Japonica	NA		Os03g0240600	OsR498G0305546400.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-3-processed-gene-73.67-mRNA-1	Japonica	NA		Os03g0242300	OsR498G0305550600.01.T01	
augustus_masked-3-processed-gene-73.69-mRNA-1	Japonica	NA		Os03g0242900	OsR498G0305553400.01.T01	Subtilisin-like serine protease 2
augustus_masked-3-processed-gene-74.55-mRNA-1	Japonica	Japonica		Os03g0243400	OsR498G0305555400.01.T01	
augustus_masked-3-processed-gene-74.62-mRNA-1	Japonica	NA		Os03g0244200	OsR498G0305557100.01.T01	Thaumatococcus-like protein 1
augustus_masked-3-processed-gene-74.64-mRNA-1	Japonica	NA			OsR498G0204960100.01.T01	
augustus_masked-3-processed-gene-74.75-mRNA-1	Japonica	Indica		Os03g0244950	OsR498G0305559400.01.T01	J domain-containing protein (Fragment)
augustus_masked-3-processed-gene-75.42-mRNA-1	Japonica	Indica		Os06g0236300	OsR498G0305563100.01.T01	Protein-serine/threonine phosphatase
augustus_masked-3-processed-gene-75.51-mRNA-1	Japonica	NA		Os03g0246100	OsR498G0305562600.01.T01	Glucan endo-1,3-beta-glucosidase 7
augustus_masked-3-processed-gene-76.30-mRNA-1	Japonica	NA		Os03g0247100	OsR498G0305567700.01.T01	ABC transporter C family member 9
augustus_masked-3-processed-gene-77.19-mRNA-1	Japonica	NA		Os03g0251100		
augustus_masked-3-processed-gene-77.26-mRNA-1	Japonica	NA		Os03g0250400	OsR498G0305584400.01.T01	
augustus_masked-3-processed-gene-77.4-mRNA-1	Japonica	NA		Os03g0249500	OsR498G0305578700.01.T01	UDP-D-glucuronate 4-epimerase 2
augustus_masked-3-processed-gene-78.0-mRNA-1	Japonica	NA				V-type proton ATPase subunit a
augustus_masked-3-processed-gene-78.13-mRNA-1	Japonica	NA			OsR498G0305591300.01.T02	Piwi domain containing protein, expressed
augustus_masked-3-processed-gene-78.2-mRNA-1	Japonica	NA	Kinase-TM	Os03g0251700	OsR498G0305588100.01.T01	Serine/threonine-protein kinase PBS1
augustus_masked-3-processed-gene-78.6-mRNA-1	Japonica	NA		Os03g0251350	OsR498G0305586800.01.T04	CCAAT-binding transcription factor C
augustus_masked-3-processed-gene-79.1-mRNA-1	Japonica	NA	Kinase-TM	Os03g0253200	OsR498G0305593900.01.T01	Serine/threonine-protein kinase WAG2
augustus_masked-3-processed-gene-79.14-mRNA-1	Japonica	NA		Os03g0254400	OsR498G0305597100.01.T01	Patatin
augustus_masked-3-processed-gene-79.8-mRNA-1	Japonica	NA		Os03g0253500	OsR498G0305594600.01.T10	G-patch domain containing protein, expressed
augustus_masked-3-processed-gene-8.48-mRNA-1	Japonica	NA		Os03g0119700	OsR498G0305132500.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-3-processed-gene-8.49-mRNA-1	Japonica	NA		Os03g0119900	OsR498G0305133100.01.T01	Multifunctional fusion protein
augustus_masked-3-processed-gene-8.57-mRNA-1	Japonica	NA		Os03g0119300	OsR498G0305130200.01.T01	Serine protease
augustus_masked-3-processed-gene-81.35-mRNA-1	Japonica	NA				
augustus_masked-3-processed-gene-82.29-mRNA-1	Japonica	NA		Os03g0258900	OsR498G0305610500.01.T01	Galactose oxidase
augustus_masked-3-processed-gene-82.60-mRNA-1	Japonica	NA			OsR498G0305615000.01.T01	
augustus_masked-3-processed-gene-83.29-mRNA-1	Japonica	NA		Os03g0261800	OsR498G0305617800.01.T01	The fantastic four family
augustus_masked-3-processed-gene-84.12-mRNA-1	Japonica	NA		Os03g0263000	OsR498G0305623600.01.T01	AP2 domain class transcription factor
augustus_masked-3-processed-gene-84.2-mRNA-1	Japonica	Indica		Os03g0262900	OsR498G0305623100.01.T01	Vacuolar protein sorting-associated protein VPS9
augustus_masked-3-processed-gene-84.22-mRNA-1	Japonica	NA		Os03g0263900	OsR498G0305627100.01.T01	ATP binding microtubule motor family protein, putative isoform 1
augustus_masked-3-processed-gene-84.37-mRNA-1	Japonica	NA		Os03g0264600	OsR498G0305631000.01.T01	Zinc finger, C2H2 type family protein, expressed
augustus_masked-3-processed-gene-84.38-mRNA-1	Japonica	NA		Os03g0264700	OsR498G0305631200.01.T01	BTB/POZ domain-containing protein At3g09030
augustus_masked-3-processed-gene-85.15-mRNA-1	Japonica	Indica		Os03g0266000	OsR498G0305635900.01.T06	Ubiquitinyl hydrolase 1
augustus_masked-3-processed-gene-86.70-mRNA-1	Japonica	NA		Os03g0267200	OsR498G0305639000.01.T01	SHSP domain-containing protein
augustus_masked-3-processed-gene-87.32-mRNA-1	Japonica	NA			OsR498G0305649500.01.T01	Fringe protein, putative, expressed
augustus_masked-3-processed-gene-88.1-mRNA-1	Japonica	NA		Os03g0270300		
augustus_masked-3-processed-gene-88.22-mRNA-1	Japonica	NA		Os03g0271600	OsR498G0305655100.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-3-processed-gene-9.46-mRNA-1	Japonica	NA		Os03g0120900	OsR498G0305138300.01.T02	ABI3VP1 transcription factor
augustus_masked-3-processed-gene-90.1-mRNA-1	Japonica	NA			OsR498G0305667700.01.T06	Initiator binding protein1
augustus_masked-3-processed-gene-90.20-mRNA-1	Japonica	NA		Os03g0275500	OsR498G0305672800.01.T02	Epsin N-terminal domain-containing protein / clathrin assembly protein-rela
augustus_masked-3-processed-gene-90.9-mRNA-1	Japonica	NA		Os03g0274700	OsR498G0305669100.01.T01	Centrosome-associated protein CEP250
augustus_masked-3-processed-gene-97.8-mRNA-1	Japonica	NA		Os03g0288000	OsR498G0305724500.01.T01	Metallothionein-like protein 1A
augustus_masked-3-processed-gene-99.11-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0305741500.01.T01	Mitogen-activated protein kinase kinase kinase 2
augustus_masked-3-processed-gene-99.9-mRNA-1	Japonica	Indica		Os03g0292200	OsR498G0305739900.01.T03	Mitochondrial succinate-fumarate transporter like
augustus_masked-3-processed-gene-11.23-mRNA-1	Japonica	NA			OsR498G0407671900.01.T01	Histone-glutamine methyltransferase
augustus_masked-4-processed-gene-118.4-mRNA-1	Japonica	NA		Os07g0561900	OsR498G0102180600.01.T01	DUF295 domain-containing protein
augustus_masked-4-processed-gene-120.10-mRNA-1	Japonica	NA			OsR498G0408305400.01.T05	Single-stranded DNA-binding protein, mitochondrial
augustus_masked-4-processed-gene-140.52-mRNA-1	Japonica	Japonica		Os04g0395700	OsR498G0408454800.01.T02	Histone H2A.Z-specific chaperone CHZ1 (Fragment)

augustus_masked-4-processed-gene-142.8-mRNA-1	Japonica	NA				HTH myb-type domain-containing protein
augustus_masked-4-processed-gene-143.28-mRNA-1	Japonica	NA		Os04g0398900		
augustus_masked-4-processed-gene-15.18-mRNA-1	Japonica	Indica		Os04g0191800	OsR498G0407683800.01.T05	F-box domain-containing protein
augustus_masked-4-processed-gene-15.6-mRNA-1	Japonica	NA		Os04g0191400	OsR498G0407682200.01.T02	
augustus_masked-4-processed-gene-15.7-mRNA-1	Japonica	NA		Os04g0191500		
augustus_masked-4-processed-gene-157.1-mRNA-1	Japonica	NA				Transposon protein, putative, unclassified
augustus_masked-4-processed-gene-158.31-mRNA-1	Japonica	NA			OsR498G0408582600.01.T01	Alba domain-containing protein
augustus_masked-4-processed-gene-16.33-mRNA-1	Japonica	NA		Os04g0193300		F-box domain-containing protein
augustus_masked-4-processed-gene-161.23-mRNA-1	Japonica	NA			OsR498G0408599200.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-4-processed-gene-165.41-mRNA-1	Japonica	NA	Kinase-TM	Os04g0439600	OsR498G0408622600.01.T01	Serine/threonine-protein kinase-like protein CCR4
augustus_masked-4-processed-gene-166.28-mRNA-1	Japonica	NA		Os04g0442300	OsR498G0408633800.01.T01	Two-component response regulator ORR1
augustus_masked-4-processed-gene-169.50-mRNA-1	Japonica	NA		Os04g0444700	OsR498G0408648400.01.T01	Putative methyltransferase PMT21
augustus_masked-4-processed-gene-169.76-mRNA-1	Japonica	NA		Os04g0446100	OsR498G0408652800.01.T02	Pentatricopeptide repeat-containing protein
augustus_masked-4-processed-gene-17.37-mRNA-1	Japonica	NA		Os04g0194000	OsR498G0407697400.01.T01	F-box domain-containing protein
augustus_masked-4-processed-gene-17.39-mRNA-1	Japonica	NA		Os04g0194600	OsR498G0407699600.01.T01	TCP transcription factor
augustus_masked-4-processed-gene-173.34-mRNA-1	Japonica	NA			OsR498G0408681600.01.T02	Sugar transport protein 5
augustus_masked-4-processed-gene-175.36-mRNA-1	Japonica	Japonica		Os04g0457400	OsR498G0204165200.01.T01	
augustus_masked-4-processed-gene-18.10-mRNA-1	Japonica	NA		Os04g0195100	OsR498G0407700600.01.T01	F-box domain-containing protein
augustus_masked-4-processed-gene-182.30-mRNA-1	Japonica	NA		Os04g0472200	OsR498G0408747800.01.T01	FAS1 domain-containing protein
augustus_masked-4-processed-gene-184.25-mRNA-1	Japonica	NA		Os04g0474800	OsR498G0408756800.01.T01	Beta-glucosidase 13
augustus_masked-4-processed-gene-184.27-mRNA-1	Japonica	NA		Os04g0475300	OsR498G0408759400.01.T01	Glycogen phosphorylase 1-like
augustus_masked-4-processed-gene-185.54-mRNA-1	Japonica	NA		Os04g0475800		Pentatricopeptide repeat-containing protein
augustus_masked-4-processed-gene-185.72-mRNA-1	Japonica	NA			OsR498G0408765500.01.T01	
augustus_masked-4-processed-gene-185.74-mRNA-1	Japonica	NA		Os04g0476800	OsR498G0408764200.01.T01	ZZ-type zinc finger-containing protein
augustus_masked-4-processed-gene-188.46-mRNA-1	Japonica	NA		Os04g0481800	OsR498G0408776400.01.T01	Wax synthase isoform 1
augustus_masked-4-processed-gene-188.47-mRNA-1	Japonica	Japonica		Os04g0481900	OsR498G0408776400.01.T01	Wax synthase isoform 1
augustus_masked-4-processed-gene-19.21-mRNA-1	Japonica	Japonica		Os04g0197500	OsR498G0407707200.01.T01	Glycosyltransferase
augustus_masked-4-processed-gene-193.51-mRNA-1	Japonica	NA		Os04g0493600	OsR498G0408821800.01.T03	Chitinase
augustus_masked-4-processed-gene-194.43-mRNA-1	Japonica	NA			OsR498G0307361200.01.T01	
augustus_masked-4-processed-gene-195.46-mRNA-1	Japonica	NA			OsR498G0917172900.01.T01	DUF834 domain-containing protein
augustus_masked-4-processed-gene-196.21-mRNA-1	Japonica	NA		Os05g0376300	OsR498G0510716000.01.T03	N-acetyltransferase ESCO1
augustus_masked-4-processed-gene-196.30-mRNA-1	Japonica	NA		Os04g0500600		
augustus_masked-4-processed-gene-199.27-mRNA-1	Japonica	NA		Os04g0505300		
augustus_masked-4-processed-gene-199.35-mRNA-1	Japonica	NA		Os04g0505400	OsR498G0408855200.01.T01	Transmembrane protein, putative (DUF247)
augustus_masked-4-processed-gene-199.37-mRNA-1	Japonica	Indica		Os04g0505700	OsR498G0408856000.01.T01	Putative F-box/LRR-repeat protein 8
augustus_masked-4-processed-gene-199.39-mRNA-1	Japonica	NA	Kinase-LRR-TM			probable leucine-rich repeat receptor-like protein kinase At2g33170
augustus_masked-4-processed-gene-2.9-mRNA-1	Japonica	NA		Os04g0174100	OsR498G0407629800.01.T01	Tyrosine N-monoxygenase
augustus_masked-4-processed-gene-200.23-mRNA-1	Japonica	NA			OsR498G0408862600.01.T07	Protein LOW PSII ACCUMULATION 1, chloroplastic isoform A
augustus_masked-4-processed-gene-201.8-mRNA-1	Japonica	NA		Os04g0508400		NAC transcription factor
augustus_masked-4-processed-gene-202.26-mRNA-1	Japonica	NA		Os04g0510400	OsR498G0408876800.01.T01	DEAD-box ATP-dependent RNA helicase
augustus_masked-4-processed-gene-203.42-mRNA-1	Japonica	NA		Os04g0512500	OsR498G0408882000.01.T01	Embryo sac development arrest 6
augustus_masked-4-processed-gene-208.18-mRNA-1	Japonica	Japonica		Os04g0521900	OsR498G0713495500.01.T01	Vegetative cell wall protein gp1
augustus_masked-4-processed-gene-209.69-mRNA-1	Japonica	NA			OsR498G0408932000.01.T01	Isochorismatase
augustus_masked-4-processed-gene-210.14-mRNA-1	Japonica	NA		Os04g0526600	OsR498G0408934200.01.T01	Alpha-amylasesubtilisin inhibitor
augustus_masked-4-processed-gene-219.18-mRNA-1	Japonica	NA		Os04g0544100	OsR498G0409011400.01.T01	Histone-lysine N-methyltransferase, H3 lysine-9 specific SUVH5
augustus_masked-4-processed-gene-220.30-mRNA-1	Japonica	NA		Os04g0545300		Streptogrisin D (Fragment)
augustus_masked-4-processed-gene-220.56-mRNA-1	Japonica	NA		Os04g0546800	OsR498G0409019800.01.T01	Ethylene-responsive factor
augustus_masked-4-processed-gene-221.10-mRNA-1	Japonica	NA				Putative Anter-specific proline-rich protein APG
augustus_masked-4-processed-gene-221.11-mRNA-1	Japonica	Indica	LRR-NBS-TM	Os04g0548100	OsR498G0409024200.01.T01	Disease resistance protein RPM1
augustus_masked-4-processed-gene-221.29-mRNA-1	Japonica	NA			OsR498G0409024800.01.T01	Glycoprotein homolog
augustus_masked-4-processed-gene-225.45-mRNA-1	Japonica	NA		Os04g0556100		
augustus_masked-4-processed-gene-225.47-mRNA-1	Japonica	NA		Os04g0556400	OsR498G0409056600.01.T01	Putative cis-zeatin O-glucosyltransferase
augustus_masked-4-processed-gene-225.48-mRNA-1	Japonica	NA		Os04g0556500	OsR498G0409058200.01.T01	Glycosyltransferase
augustus_masked-4-processed-gene-225.49-mRNA-1	Japonica	NA		Os04g0556600	OsR498G0409058600.01.T01	Glycosyltransferase
augustus_masked-4-processed-gene-235.67-mRNA-1	Japonica	NA		Os04g0573300		Subtilisin-like serine protease
augustus_masked-4-processed-gene-239.16-mRNA-1	Japonica	NA		Os04g0579200	OsR498G0409138800.01.T01	E3 ubiquitin-protein ligase RHA2B
augustus_masked-4-processed-gene-239.31-mRNA-1	Japonica	NA		Os04g0580300	OsR498G0409142800.01.T01	GRAS domain-containing protein (Fragment)
augustus_masked-4-processed-gene-239.34-mRNA-1	Japonica	NA		Os04g0580500	OsR498G0409144800.01.T01	Transposon protein, putative, unclassified
augustus_masked-4-processed-gene-240.22-mRNA-1	Japonica	NA			OsR498G0409146200.01.T01	RING-H2 finger protein ATL34
augustus_masked-4-processed-gene-240.33-mRNA-1	Japonica	Indica		Os04g0581400	OsR498G0409149800.01.T02	TF-B3 domain-containing protein (Fragment)
augustus_masked-4-processed-gene-241.31-mRNA-1	Japonica	NA		Os04g0583600	OsR498G0409163000.01.T01	Multifunctional fusion protein

augustus_masked-4-processed-gene-242.57-mRNA-1	Japonica	NA			OsR498G0409165000.01.T01	L-type lectin-domain containing receptor kinase S.5
augustus_masked-4-processed-gene-242.67-mRNA-1	Japonica	NA			OsR498G0409168400.01.T01	RING-H2 finger protein ATL1R
augustus_masked-4-processed-gene-245.15-mRNA-1	Japonica	NA		Os04g0590200	OsR498G0409187800.01.T01	AT-hook motif nuclear-localized protein 23
augustus_masked-4-processed-gene-245.30-mRNA-1	Japonica	NA		Os04g0590900	OsR498G0409190600.01.T01	Ring-h2 finger protein atl52
augustus_masked-4-processed-gene-246.37-mRNA-1	Japonica	Indica		Os01g0235900	OsR498G0409198000.01.T01	Glutaredoxin domain-containing protein
augustus_masked-4-processed-gene-246.8-mRNA-1	Japonica	NA		Os04g0591900		F-box domain-containing protein (Fragment)
augustus_masked-4-processed-gene-247.20-mRNA-1	Japonica	NA		Os12g0582600	OsR498G0816427900.01.T01	Putative mediator of RNA polymerase II transcription subunit 26c
augustus_masked-4-processed-gene-252.41-mRNA-1	Japonica	NA		Os04g0606000	OsR498G0409239000.01.T01	Putative quercetin 3-O-glucoside-6''-O-malonyltransferase
augustus_masked-4-processed-gene-257.23-mRNA-1	Japonica	NA		Os04g0612800		Putative Smr domain, pentacotriptide-repeat region of PRORP
augustus_masked-4-processed-gene-258.8-mRNA-1	Japonica	NA		Os04g0613900	OsR498G0409271000.01.T03	Potassium transporter
augustus_masked-4-processed-gene-260.62-mRNA-1	Japonica	NA		Os04g0618500	OsR498G0409288800.01.T03	gamma-soluble NSF attachment protein-like
augustus_masked-4-processed-gene-261.39-mRNA-1	Japonica	NA	Kinase-TM	Os04g0619600	OsR498G0409294000.01.T01	Mitogen-activated protein kinase kinase kinase
augustus_masked-4-processed-gene-261.40-mRNA-1	Japonica	NA		Os04g0619700	OsR498G0409294200.01.T01	F-box/WD-40 repeat-containing protein At5g21040
augustus_masked-4-processed-gene-264.46-mRNA-1	Japonica	NA			OsR498G0409312200.01.T01	
augustus_masked-4-processed-gene-265.58-mRNA-1	Japonica	NA		Os04g0626100	OsR498G0409317600.01.T01	AT hook motif family protein
augustus_masked-4-processed-gene-266.79-mRNA-1	Japonica	NA		Os04g0627900	OsR498G0409323200.01.T01	Eukaryotic translation initiation factor SUI1
augustus_masked-4-processed-gene-267.10-mRNA-1	Japonica	NA		Os04g0629400		Thioredoxin-like protein CXXS1
augustus_masked-4-processed-gene-269.30-mRNA-1	Japonica	NA		Os04g0635800	OsR498G0409343400.01.T01	N-terminal acetyltransferase complex ARD1 subunit A
augustus_masked-4-processed-gene-269.6-mRNA-1	Japonica	NA		Os04g0635000	OsR498G0409340800.01.T01	Wound-induced protein
augustus_masked-4-processed-gene-270.6-mRNA-1	Japonica	NA		Os04g0636900	OsR498G0409346400.01.T03	UBP1-associated protein 2A
augustus_masked-4-processed-gene-270.8-mRNA-1	Japonica	NA		Os04g0637500		
augustus_masked-4-processed-gene-273.88-mRNA-1	Japonica	Japonica		Os04g0644200	OsR498G0409366400.01.T01	DDE Tnp4 domain-containing protein (Fragment)
augustus_masked-4-processed-gene-275.25-mRNA-1	Japonica	NA		Os04g0647300	OsR498G0409376000.01.T01	Ubiquitinyl hydrolase 1
augustus_masked-4-processed-gene-276.20-mRNA-1	Japonica	NA		Os04g0649600	OsR498G0409388800.01.T01	
augustus_masked-4-processed-gene-279.52-mRNA-1	Japonica	NA		Os04g0654400	OsR498G0409406000.01.T02	Pre-mRNA-splicing helicase BRR2, putative
augustus_masked-4-processed-gene-279.53-mRNA-1	Japonica	NA		Os04g0654500	OsR498G0409406200.01.T01	Related to large-conductance mechanosensitive channel
augustus_masked-4-processed-gene-28.4-mRNA-1	Japonica	NA		Os04g0218100	OsR498G0407751100.01.T01	Pentatricopeptide repeat
augustus_masked-4-processed-gene-281.28-mRNA-1	Japonica	NA		Os04g0658600	OsR498G0409421400.01.T01	Ribosomal RNA processing protein A
augustus_masked-4-processed-gene-281.29-mRNA-1	Japonica	NA		Os04g0658800		
augustus_masked-4-processed-gene-283.84-mRNA-1	Japonica	NA		Os04g0662200	OsR498G0409433600.01.T01	Indole-3-acetic acid-induced protein ARG7
augustus_masked-4-processed-gene-288.13-mRNA-1	Japonica	NA		Os04g0671800	OsR498G0409467000.01.T01	Zinc finger CCCH domain-containing protein 32
augustus_masked-4-processed-gene-288.15-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os04g0672100	OsR498G0409468600.01.T01	Phytosulfokine receptor
augustus_masked-4-processed-gene-289.5-mRNA-1	Japonica	Japonica	LRR-TM	Os04g0672600	OsR498G0409468600.01.T01	Phytosulfokine receptor 2
augustus_masked-4-processed-gene-289.6-mRNA-1	Japonica	NA		Os04g0672700	OsR498G0409471000.01.T04	Pentatricopeptide repeat-containing protein
augustus_masked-4-processed-gene-290.76-mRNA-1	Japonica	NA		Os04g0675600	OsR498G0409484400.01.T05	Pentatricopeptide repeat-containing protein
augustus_masked-4-processed-gene-290.77-mRNA-1	Japonica	NA		Os04g0675700		DEAD/DEAH box helicase (Fragment)
augustus_masked-4-processed-gene-291.21-mRNA-1	Japonica	Indica		Os04g0677033	OsR498G0409489200.01.T01	
augustus_masked-4-processed-gene-296.29-mRNA-1	Japonica	Indica		Os04g0685700	OsR498G0409520600.01.T01	Putative S-receptor kinase
augustus_masked-4-processed-gene-296.39-mRNA-1	Japonica	Indica		Os04g0686000	OsR498G0409522400.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-4-processed-gene-296.42-mRNA-1	Japonica	NA		Os04g0686500	OsR498G0409524600.01.T01	PPR domain-containing protein/PPR_2 domain-containing protein/DYW_de
augustus_masked-4-processed-gene-296.45-mRNA-1	Japonica	NA		Os04g0686700	OsR498G0409525000.01.T02	SKP1-interacting partner 15
augustus_masked-4-processed-gene-299.27-mRNA-1	Japonica	Indica		Os08g0103900	OsR498G0409539000.01.T01	Secondary wall NAC master switch
augustus_masked-4-processed-gene-3.22-mRNA-1	Japonica	Indica		Os04g0174800	OsR498G0407632800.01.T01	Peptidase S10, serine carboxypeptidase, Alpha/Beta hydrolase fold, DYW do
augustus_masked-4-processed-gene-300.96-mRNA-1	Japonica	NA	NBS-TM		OsR498G0409545600.01.T01	White-brown-complex ABC transporter family
augustus_masked-4-processed-gene-4.8-mRNA-1	Japonica	NA		Os04g0175500	OsR498G0407635400.01.T01	Acyl transferase 15
augustus_masked-4-processed-gene-43.23-mRNA-1	Japonica	NA		Os04g0309500		
augustus_masked-4-processed-gene-5.24-mRNA-1	Japonica	NA			OsR498G0407642900.01.T01	
augustus_masked-4-processed-gene-57.27-mRNA-1	Japonica	NA		Os04g0270900	OsR498G0407902000.01.T01	UDP-glucosyltransferase
augustus_masked-4-processed-gene-58.26-mRNA-1	Japonica	Japonica		Os04g0271700	OsR498G0407905000.01.T01	Glycosyltransferase
augustus_masked-4-processed-gene-58.30-mRNA-1	Japonica	NA		Os04g0272400	OsR498G0407905600.01.T01	Peroxisome-like protein, mitochondrial
augustus_masked-4-processed-gene-6.13-mRNA-1	Japonica	NA		Os04g0179100	OsR498G0407645000.01.T01	Momilactone synthase like
augustus_masked-4-processed-gene-60.12-mRNA-1	Japonica	NA	Kinase-TM	Os04g0275100	OsR498G0407914000.01.T01	Wall-associated receptor kinase 3
augustus_masked-4-processed-gene-73.4-mRNA-1	Japonica	NA			OsR498G0407965000.01.T01	
augustus_masked-4-processed-gene-77.21-mRNA-1	Japonica	NA			OsR498G0100073600.01.T01	
augustus_masked-4-processed-gene-78.23-mRNA-1	Japonica	Japonica	Kinase-TM	Os04g0303300	OsR498G0407999200.01.T01	Receptor-like serine/threonine-protein kinase
augustus_masked-4-processed-gene-79.42-mRNA-1	Japonica	Indica		Os11g0566800	OsR498G0408006600.01.T01	Chalcone and stilbene synthases, N-terminal domain containing protein, exp
augustus_masked-4-processed-gene-8.29-mRNA-1	Japonica	NA		Os04g0182300		Protease
augustus_masked-4-processed-gene-81.20-mRNA-1	Japonica	NA				thaumatin-like protein isoform X1
augustus_masked-4-processed-gene-81.23-mRNA-1	Japonica	NA			OsR498G1120155900.01.T01	Skp1 domain-containing protein
augustus_masked-4-processed-gene-81.46-mRNA-1	Japonica	NA	Kinase-TM	Os04g0307500	OsR498G0408014500.01.T02	Wall-associated receptor kinase 1
augustus_masked-4-processed-gene-88.4-mRNA-1	Japonica	NA			OsR498G0408093700.01.T01	Poly [ADP-ribose] polymerase

augustus_masked-4-processed-gene-89.32-mRNA-1	Japonica	Indica		Os04g0317800	OsR498G0408135500.01.T01	Expansin-like CBD domain-containing protein
augustus_masked-5-processed-gene-10.1-mRNA-1	Japonica	NA		Os05g0119000	OsR498G0509614300.01.T01	Aluminum sensitive 3
augustus_masked-5-processed-gene-10.16-mRNA-1	Japonica	NA		Os05g0120200	OsR498G0509618900.01.T01	ABC transporter G family member 6
augustus_masked-5-processed-gene-10.17-mRNA-1	Japonica	NA		Os05g0120300	OsR498G0509620300.01.T01	
augustus_masked-5-processed-gene-13.16-mRNA-1	Japonica	Indica		Os05g0123200	OsR498G0509634700.01.T01	IQ-domain 3
augustus_masked-5-processed-gene-14.15-mRNA-1	Japonica	NA	Kinase-TM	Os05g0125200	OsR498G0509646500.01.T01	Receptor-like kinase LIP2
augustus_masked-5-processed-gene-141.41-mRNA-1	Japonica	NA			OsR498G0510413500.01.T01	Putative disease resistance protein RGA3
augustus_masked-5-processed-gene-141.42-mRNA-1	Japonica	Japonica	LRR-NBS	Os05g0305600	OsR498G0510413500.01.T01	NB-ARC domain containing protein, expressed
augustus_masked-5-processed-gene-145.19-mRNA-1	Japonica	NA			OsR498G0510435500.01.T01	Retrotransposon protein, putative, LINE subclass
augustus_masked-5-processed-gene-15.0-mRNA-1	Japonica	Japonica		Os05g0125600	OsR498G0509648100.01.T01	
augustus_masked-5-processed-gene-15.21-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0509654700.01.T01	Serine/threonine-protein kinase-like protein CCR3
augustus_masked-5-processed-gene-151.20-mRNA-1	Japonica	Japonica	CC-Kinase-TM	Os05g0317900	OsR498G0510480600.01.T01	Receptor-like protein kinase FERONIA
augustus_masked-5-processed-gene-151.7-mRNA-1	Japonica	NA			OsR498G0510472300.01.T01	
augustus_masked-5-processed-gene-153.32-mRNA-1	Japonica	NA		Os05g0320800		
augustus_masked-5-processed-gene-168.18-mRNA-1	Japonica	NA	CC-Kinase-TM		OsR498G0510577100.01.T01	Receptor-like protein kinase FERONIA
augustus_masked-5-processed-gene-168.7-mRNA-1	Japonica	NA			OsR498G0510594200.01.T01	RNase H domain-containing protein (Fragment)
augustus_masked-5-processed-gene-17.1-mRNA-1	Japonica	NA		Os05g0128600		Transcription factor bHLH148
augustus_masked-5-processed-gene-17.20-mRNA-1	Japonica	Japonica		Os05g0129400	OsR498G0100416900.01.T01	RRM domain-containing protein
augustus_masked-5-processed-gene-170.1-mRNA-1	Japonica	NA			OsR498G0510587600.01.T01	
augustus_masked-5-processed-gene-170.3-mRNA-1	Japonica	NA		Os05g0346300	OsR498G0510586600.01.T01	40S ribosomal protein S7
augustus_masked-5-processed-gene-178.3-mRNA-1	Japonica	NA			OsR498G0510643100.01.T01	SPX domain-containing protein
augustus_masked-5-processed-gene-179.0-mRNA-1	Japonica	NA		Os05g0359700		
augustus_masked-5-processed-gene-179.11-mRNA-1	Japonica	Indica		Os05g0360400	OsR498G0510650500.01.T01	RING-H2 finger protein ATL3F
augustus_masked-5-processed-gene-179.17-mRNA-1	Japonica	Japonica		Os05g0361000	OsR498G0510653900.01.T01	Putative ferulate 5-hydroxylase
augustus_masked-5-processed-gene-18.43-mRNA-1	Japonica	NA			OsR498G0509671900.01.T03	Fe2OG dioxygenase domain-containing protein (Fragment)
augustus_masked-5-processed-gene-19.28-mRNA-1	Japonica	NA				
augustus_masked-5-processed-gene-19.31-mRNA-1	Japonica	NA		Os05g0133900	OsR498G0509678900.01.T01	SAM-dependent MTase DRM-type domain-containing protein
augustus_masked-5-processed-gene-193.19-mRNA-1	Japonica	Japonica	NBS-TM	Os05g0380800	OsR498G0510731100.01.T01	Disease resistance protein RPM1
augustus_masked-5-processed-gene-194.37-mRNA-1	Japonica	Indica		Os01g0951500	OsR498G0510739700.01.T01	Cytochrome P450 family 94 subfamily D polypeptide 2
augustus_masked-5-processed-gene-195.20-mRNA-1	Japonica	NA		Os05g0385400	OsR498G0510749100.01.T01	
augustus_masked-5-processed-gene-196.18-mRNA-1	Japonica	NA		Os05g0386000	OsR498G0510752300.01.T01	Hydroxyproline O-arabinosyltransferase
augustus_masked-5-processed-gene-197.22-mRNA-1	Japonica	NA			OsR498G0510760300.01.T01	
augustus_masked-5-processed-gene-197.3-mRNA-1	Japonica	NA	CC-Kinase-TM	Os05g0387600		serine/threonine-protein kinase-like protein At3g51990
augustus_masked-5-processed-gene-200.42-mRNA-1	Japonica	NA			OsR498G0510774100.01.T04	SNF2 domain-containing protein CLASSY 3
augustus_masked-5-processed-gene-200.46-mRNA-1	Japonica	NA		Os05g0393200	OsR498G0510775900.01.T01	Putative ribosomal protein L34e superfamily protein-like
augustus_masked-5-processed-gene-201.18-mRNA-1	Japonica	NA			OsR498G0510782300.01.T01	BRO1 domain-containing protein
augustus_masked-5-processed-gene-203.36-mRNA-1	Japonica	NA			OsR498G0510789700.01.T06	
augustus_masked-5-processed-gene-203.37-mRNA-1	Japonica	Indica		Os05g0397800	OsR498G0510790300.01.T04	J domain-containing protein (Fragment)
augustus_masked-5-processed-gene-203.56-mRNA-1	Japonica	NA		Os05g0399300	OsR498G0510793300.01.T01	Chitinase
augustus_masked-5-processed-gene-206.0-mRNA-1	Japonica	NA		Os05g0402900	OsR498G0510802100.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus_masked-5-processed-gene-206.1-mRNA-1	Japonica	NA		Os05g0403000	OsR498G0510802300.01.T01	Peptidase A1 domain-containing protein
augustus_masked-5-processed-gene-206.15-mRNA-1	Japonica	NA		Os05g0404000	OsR498G0510804300.01.T01	Mitochondrial transcription termination factor
augustus_masked-5-processed-gene-206.3-mRNA-1	Japonica	NA		Os05g0403300	OsR498G0510803300.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus_masked-5-processed-gene-210.15-mRNA-1	Japonica	Japonica		Os05g0409100	OsR498G0510822100.01.T01	Wall-associated receptor kinase galacturonan-binding domain-containing pr
augustus_masked-5-processed-gene-211.21-mRNA-1	Japonica	NA		Os05g0409800	OsR498G0510825100.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-5-processed-gene-212.0-mRNA-1	Japonica	NA			OsR498G0510828300.01.T01	
augustus_masked-5-processed-gene-218.0-mRNA-1	Japonica	Japonica		Os05g0422200	OsR498G0612271200.01.T01	TLDC domain-containing protein (Fragment)
augustus_masked-5-processed-gene-218.9-mRNA-1	Japonica	NA			OsR498G0510871500.01.T05	
augustus_masked-5-processed-gene-219.23-mRNA-1	Japonica	Indica		Os06g0261300	OsR498G0510877500.01.T01	
augustus_masked-5-processed-gene-22.10-mRNA-1	Japonica	NA		Os05g0137600	OsR498G0509697700.01.T05	PAB-dependent poly(A)-specific ribonuclease subunit PAN3 (Fragment)
augustus_masked-5-processed-gene-22.13-mRNA-1	Japonica	Japonica		Os05g0138200	OsR498G0100702400.01.T01	Class II chitinase
augustus_masked-5-processed-gene-220.31-mRNA-1	Japonica	NA		Os05g0426900	OsR498G0510884500.01.T01	
augustus_masked-5-processed-gene-220.34-mRNA-1	Japonica	NA		Os05g0427100	OsR498G0510884900.01.T02	PB1 domain-containing protein
augustus_masked-5-processed-gene-220.35-mRNA-1	Japonica	NA				Protein ACCELERATED CELL DEATH 6-like
augustus_masked-5-processed-gene-226.22-mRNA-1	Japonica	NA		Os05g0440000	OsR498G0510927500.01.T01	Dof-type domain-containing protein (Fragment)
augustus_masked-5-processed-gene-227.13-mRNA-1	Japonica	NA				
augustus_masked-5-processed-gene-227.2-mRNA-1	Japonica	NA		Os05g0440900	OsR498G0510929500.01.T01	Transcription repressor
augustus_masked-5-processed-gene-229.13-mRNA-1	Japonica	NA		Os05g0445100	OsR498G0510943100.01.T01	
augustus_masked-5-processed-gene-23.6-mRNA-1	Japonica	Indica		Os05g0140500	OsR498G0509710100.01.T01	RNA-binding protein 8A-B
augustus_masked-5-processed-gene-232.3-mRNA-1	Japonica	Indica		Os05g0450600	OsR498G0510960100.01.T01	UPF0503 protein chloroplastic
augustus_masked-5-processed-gene-233.26-mRNA-1	Japonica	NA		Os05g0452800	OsR498G0510966100.01.T01	RING-CH-type domain-containing protein (Fragment)

augustus_masked-5-processed-gene-234.11-mRNA-1	Japonica	NA		Os05g0455900	OsR498G0510977300.01.T03	Pentatricopeptide repeat
augustus_masked-5-processed-gene-236.8-mRNA-1	Japonica	NA		Os05g0459300	OsR498G0510985100.01.T02	Glucan endo-1,3-beta-glucosidase isoform 1
augustus_masked-5-processed-gene-238.0-mRNA-1	Japonica	NA		Os05g0462500	OsR498G0510997100.01.T02	Transmembrane receptor
augustus_masked-5-processed-gene-239.31-mRNA-1	Japonica	NA		Os05g0466600	OsR498G0510997800.01.T01	Multifunctional fusion protein
augustus_masked-5-processed-gene-240.55-mRNA-1	Japonica	Japonica	LRR-TM	Os05g0468200	OsR498G0511013500.01.T01	DUF1618 domain-containing protein (Fragment)
augustus_masked-5-processed-gene-241.37-mRNA-1	Japonica	NA		Os05g0470700	OsR498G0511020500.01.T01	E3 ubiquitin-protein ligase RNF5
augustus_masked-5-processed-gene-242.21-mRNA-1	Japonica	NA		Os05g0470900		
augustus_masked-5-processed-gene-242.39-mRNA-1	Japonica	NA			OsR498G0511025500.01.T01	
augustus_masked-5-processed-gene-243.16-mRNA-1	Japonica	NA		Os05g0474400	OsR498G0511029900.01.T01	
augustus_masked-5-processed-gene-244.18-mRNA-1	Japonica	NA		Os05g0474700	OsR498G0511031100.01.T01	
augustus_masked-5-processed-gene-244.29-mRNA-1	Japonica	Indica		Os04g0544200	OsR498G0511033100.01.T01	Cyclin
augustus_masked-5-processed-gene-245.14-mRNA-1	Japonica	NA		Os05g0476700	OsR498G0511042100.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-5-processed-gene-245.15-mRNA-1	Japonica	NA		Os05g0477200	OsR498G0511043500.01.T01	Transcription repressor
augustus_masked-5-processed-gene-245.17-mRNA-1	Japonica	NA		Os05g0477900	OsR498G0511045900.01.T01	Non-specific lipid-transfer protein (Fragment)
augustus_masked-5-processed-gene-246.1-mRNA-1	Japonica	NA			OsR498G0511046900.01.T01	
augustus_masked-5-processed-gene-248.14-mRNA-1	Japonica	NA		Os05g0482400	OsR498G0511060710.01.T02	Secologanin synthase
augustus_masked-5-processed-gene-249.40-mRNA-1	Japonica	NA			OsR498G0511072900.01.T01	GRAS domain-containing protein (Fragment)
augustus_masked-5-processed-gene-251.49-mRNA-1	Japonica	NA		Os05g0489100	OsR498G0511080900.01.T03	Procollagen-proline 4-dioxygenase
augustus_masked-5-processed-gene-252.1-mRNA-1	Japonica	NA		Os05g0490100	OsR498G0511083100.01.T01	60S ribosomal protein L30
augustus_masked-5-processed-gene-253.1-mRNA-1	Japonica	NA	CC-LRR-NBS-TM		OsR498G0511090900.01.T01	NBS-LRR type resistance protein (Fragment)
augustus_masked-5-processed-gene-253.16-mRNA-1	Japonica	Japonica	CC-LRR-NBS-TM	Os05g0492600	OsR498G0511090900.01.T01	NBS-LRR type resistance protein (Fragment)
augustus_masked-5-processed-gene-254.30-mRNA-1	Japonica	NA		Os05g0494500	OsR498G0511097100.01.T04	Plastidic phosphate translocator-like protein1
augustus_masked-5-processed-gene-254.31-mRNA-1	Japonica	NA			OsR498G0511098100.01.T01	WAS/WASL-interacting protein family member 3-like
augustus_masked-5-processed-gene-254.42-mRNA-1	Japonica	NA		Os05g0495100	OsR498G0511098700.01.T01	Coiled-coil domain-containing protein 16
augustus_masked-5-processed-gene-254.45-mRNA-1	Japonica	NA			OsR498G0408669000.01.T01	Leucine Rich Repeat family protein, expressed
augustus_masked-5-processed-gene-254.47-mRNA-1	Japonica	NA		Os05g0496000	OsR498G0511102100.01.T01	Putative glucan endo-13-beta-glucosidase BG1
augustus_masked-5-processed-gene-255.23-mRNA-1	Japonica	NA			OsR498G0511103500.01.T01	SMC hinge domain-containing protein
augustus_masked-5-processed-gene-255.40-mRNA-1	Japonica	Indica		Os05g0497500	OsR498G0511105800.01.T06	Zinc finger CCCH domain-containing protein 36
augustus_masked-5-processed-gene-257.22-mRNA-1	Japonica	NA		Os05g0500000	OsR498G0511113900.01.T01	UDP-glucosyltransferase
augustus_masked-5-processed-gene-257.25-mRNA-1	Japonica	NA		Os05g0500600	OsR498G0511115500.01.T01	Scarecrow-like protein 32
augustus_masked-5-processed-gene-257.26-mRNA-1	Japonica	NA		Os05g0500700	OsR498G0511115700.01.T01	S-adenosyl-L-methionine-dependent methyltransferase superfamily protein
augustus_masked-5-processed-gene-257.3-mRNA-1	Japonica	NA		Os05g0499600	OsR498G0511113100.01.T01	UDP-glucosyltransferase
augustus_masked-5-processed-gene-257.5-mRNA-1	Japonica	NA		Os05g0499800	OsR498G0511113500.01.T01	UDP-glucosyltransferase
augustus_masked-5-processed-gene-259.3-mRNA-1	Japonica	Indica		Os01g0778400	OsR498G0511123500.01.T01	Arabinogalactan peptide
augustus_masked-5-processed-gene-261.38-mRNA-1	Japonica	NA		Os05g0506000	OsR498G0511140700.01.T01	Protein SULFUR DEFICIENCY-INDUCED like
augustus_masked-5-processed-gene-261.52-mRNA-1	Japonica	Japonica		Os05g0507000	OsR498G0511143300.01.T01	Putative mutator-like transposase
augustus_masked-5-processed-gene-261.53-mRNA-1	Japonica	Indica		Os05g0507300	OsR498G0511143700.01.T02	Calreticulin
augustus_masked-5-processed-gene-261.54-mRNA-1	Japonica	NA		Os05g0507400		
augustus_masked-5-processed-gene-262.19-mRNA-1	Japonica	NA			OsR498G0511154300.01.T01	
augustus_masked-5-processed-gene-263.12-mRNA-1	Japonica	NA			OsR498G0511160300.01.T01	Major facilitator superfamily protein isoform 1
augustus_masked-5-processed-gene-263.13-mRNA-1	Japonica	NA		Os05g0510100	OsR498G0511160900.01.T02	
augustus_masked-5-processed-gene-264.42-mRNA-1	Japonica	NA		Os05g0510400	OsR498G0511161700.01.T02	F-box family protein-like
augustus_masked-5-processed-gene-264.52-mRNA-1	Japonica	NA		Os05g0511050		Peptidase A1 domain-containing protein (Fragment)
augustus_masked-5-processed-gene-265.1-mRNA-1	Japonica	NA		Os05g0512200	OsR498G0511168700.01.T02	Lysine-tRNA ligase
augustus_masked-5-processed-gene-265.3-mRNA-1	Japonica	NA		Os05g0512600	OsR498G0511170100.01.T01	X8 domain-containing protein
augustus_masked-5-processed-gene-266.19-mRNA-1	Japonica	NA	Kinase-TM	Os05g0514200	OsR498G0511175300.01.T02	Non-specific serine/threonine protein kinase
augustus_masked-5-processed-gene-266.30-mRNA-1	Japonica	NA		Os05g0514500	OsR498G0511177100.01.T01	Interactor of constitutive active ROPs 1
augustus_masked-5-processed-gene-267.47-mRNA-1	Japonica	NA		Os05g0515700	OsR498G0511181500.01.T01	Transcription factor VOZ1
augustus_masked-5-processed-gene-267.60-mRNA-1	Japonica	NA		Os05g0516300	OsR498G0511182700.01.T04	Glucosamine-phosphate N-acetyltransferase
augustus_masked-5-processed-gene-268.21-mRNA-1	Japonica	NA		Os05g0519000	OsR498G0511193300.01.T01	VQ motif-containing protein 4
augustus_masked-5-processed-gene-269.37-mRNA-1	Japonica	NA	Kinase-TM	Os05g0519200	OsR498G0511194100.01.T05	Serine/threonine protein kinase
augustus_masked-5-processed-gene-269.38-mRNA-1	Japonica	NA				
augustus_masked-5-processed-gene-269.52-mRNA-1	Japonica	Indica		Os02g0563800	OsR498G0511196700.01.T01	F-box domain-containing protein
augustus_masked-5-processed-gene-27.1-mRNA-1	Japonica	NA			OsR498G0509733700.01.T01	Protease Do-like protein 2, chloroplastic
augustus_masked-5-processed-gene-273.24-mRNA-1	Japonica	NA		Os05g0526600	OsR498G0511217700.01.T01	RING-H2 finger protein ATL68
augustus_masked-5-processed-gene-273.26-mRNA-1	Japonica	Japonica		Os05g0526900	OsR498G0101954200.01.T01	Glycosyltransferase
augustus_masked-5-processed-gene-28.69-mRNA-1	Japonica	NA		Os05g0150100	OsR498G0509740900.01.T01	DUF295 domain-containing protein
augustus_masked-5-processed-gene-282.4-mRNA-1	Japonica	NA		Os05g0545700		
augustus_masked-5-processed-gene-282.5-mRNA-1	Japonica	NA			OsR498G0511284900.01.T01	
augustus_masked-5-processed-gene-299.52-mRNA-1	Japonica	NA		Os05g0579200	OsR498G0511399700.01.T01	Long-chain-fatty-acid--AMP ligase FadD29
augustus_masked-5-processed-gene-299.59-mRNA-1	Japonica	Indica		Os05g0579900	OsR498G0511403100.01.T01	Auxilin-like protein 1

augustus_masked-5-processed-gene-30.20-mRNA-1	Japonica	Japonica		Os05g0152900	OsR498G0509751100.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-5-processed-gene-30.27-mRNA-1	Japonica	NA		Os05g0153200	OsR498G0509751900.01.T03	Factor of DNA methylation 1
augustus_masked-5-processed-gene-30.28-mRNA-1	Japonica	NA		Os05g0153400	OsR498G0509752700.01.T01	Vegetative storage protein
augustus_masked-5-processed-gene-30.29-mRNA-1	Japonica	NA		Os05g0128900	OsR498G0816083200.01.T02	Trehalose phosphate synthase
augustus_masked-5-processed-gene-300.15-mRNA-1	Japonica	NA		Os05g0581300		Pentatricopeptide repeat-containing protein
augustus_masked-5-processed-gene-300.16-mRNA-1	Japonica	NA		Os05g0581700		Putative GPI-anchored protein 58
augustus_masked-5-processed-gene-300.17-mRNA-1	Japonica	NA		Os05g0581800	OsR498G0511407900.01.T03	GBF-interacting protein 1
augustus_masked-5-processed-gene-300.2-mRNA-1	Japonica	NA		Os05g0580800		
augustus_masked-5-processed-gene-301.25-mRNA-1	Japonica	NA		Os05g0582500	OsR498G0511410700.01.T01	Carboxypeptidase
augustus_masked-5-processed-gene-301.26-mRNA-1	Japonica	NA		Os05g0582600	OsR498G0511410900.01.T01	Carboxypeptidase
augustus_masked-5-processed-gene-301.27-mRNA-1	Japonica	NA		Os05g0582800	OsR498G0511411500.01.T01	Carboxypeptidase
augustus_masked-5-processed-gene-301.39-mRNA-1	Japonica	NA		Os03g0733400		Zinc finger BED domain-containing protein DAYSLEEPER
augustus_masked-5-processed-gene-301.42-mRNA-1	Japonica	NA		Os05g0583200		BED-type domain-containing protein
augustus_masked-5-processed-gene-301.45-mRNA-1	Japonica	NA		Os05g0583400	OsR498G0511413700.01.T01	Mitochondrial import receptor subunit TOM7
augustus_masked-5-processed-gene-301.47-mRNA-1	Japonica	Indica		Os05g0583600	OsR498G0511414500.01.T01	Transcription repressor
augustus_masked-5-processed-gene-302.32-mRNA-1	Japonica	Japonica	Kinase-TM	Os05g0585800	OsR498G0101562800.01.T03	mitogen-activated protein kinase kinase kinase 7
augustus_masked-5-processed-gene-303.47-mRNA-1	Japonica	NA			OsR498G0511427500.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-5-processed-gene-304.14-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os05g0588250	OsR498G0511432300.01.T02	Putative inactive receptor kinase
augustus_masked-5-processed-gene-304.15-mRNA-1	Japonica	NA	Kinase	Os05g0588300	OsR498G0511432300.01.T01	Receptor-like protein kinase 1-like
augustus_masked-5-processed-gene-305.12-mRNA-1	Japonica	Japonica		Os05g0591300	OsR498G0511439500.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus_masked-5-processed-gene-305.14-mRNA-1	Japonica	Japonica		Os05g0591400	OsR498G0511440100.01.T01	Luminal-binding protein-like
augustus_masked-5-processed-gene-31.3-mRNA-1	Japonica	Indica		Os05g0154700	OsR498G0509767100.01.T01	Kinesin-like protein KIN-13A
augustus_masked-5-processed-gene-32.55-mRNA-1	Japonica	NA		Os07g0550600	OsR498G0714539100.01.T01	Benzyl alcohol O-benzoyltransferase
augustus_masked-5-processed-gene-32.59-mRNA-1	Japonica	NA			OsR498G0509773100.01.T01	J domain-containing protein (Fragment)
augustus_masked-5-processed-gene-33.40-mRNA-1	Japonica	NA		Os05g0157100	OsR498G0509774500.01.T02	DNA-directed RNA polymerase V subunit 7
augustus_masked-5-processed-gene-36.15-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0509796100.01.T01	Receptor-like protein kinase HERK 1
augustus_masked-5-processed-gene-37.37-mRNA-1	Japonica	NA		Os05g0164200	OsR498G0509802100.01.T01	RING-H2 finger protein ATL3F
augustus_masked-5-processed-gene-39.47-mRNA-1	Japonica	NA		Os05g0457000	OsR498G1019116500.01.T01	Kinesin heavy chain-like
augustus_masked-5-processed-gene-4.11-mRNA-1	Japonica	NA		Os05g0107300	OsR498G0509576500.01.T05	
augustus_masked-5-processed-gene-42.0-mRNA-1	Japonica	NA			OsR498G0510294600.01.T01	Zinc knuckle containing protein-like
augustus_masked-5-processed-gene-45.45-mRNA-1	Japonica	NA			OsR498G1221765900.01.T01	Interactor of constitutive active ROPs 2, chloroplastic
augustus_masked-5-processed-gene-47.0-mRNA-1	Japonica	NA		Os05g0179100	OsR498G0509858900.01.T01	
augustus_masked-5-processed-gene-48.24-mRNA-1	Japonica	NA		Os05g0181200		Alkane hydroxylase MAH1
augustus_masked-5-processed-gene-48.26-mRNA-1	Japonica	NA		Os05g0181800		
augustus_masked-5-processed-gene-5.13-mRNA-1	Japonica	Indica		Os05g0110000	OsR498G0509583500.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-5-processed-gene-53.39-mRNA-1	Japonica	NA		Os05g0188100	OsR498G0509901500.01.T01	
augustus_masked-5-processed-gene-54.10-mRNA-1	Japonica	NA			OsR498G0509904900.01.T01	
augustus_masked-5-processed-gene-6.59-mRNA-1	Japonica	NA		Os05g0111200	OsR498G0509588500.01.T01	Outer envelope pore protein 16 chloroplastic
augustus_masked-5-processed-gene-67.8-mRNA-1	Japonica	Japonica		Os05g0208900	OsR498G0509995200.01.T01	
augustus_masked-5-processed-gene-69.1-mRNA-1	Japonica	Japonica		Os05g0212100	OsR498G0510003100.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
augustus_masked-5-processed-gene-7.0-mRNA-1	Japonica	NA			OsR498G0509595100.01.T01	
augustus_masked-5-processed-gene-7.3-mRNA-1	Japonica	NA		Os05g0112900	OsR498G0509596900.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-5-processed-gene-8.19-mRNA-1	Japonica	NA			OsR498G0509598900.01.T01	
augustus_masked-5-processed-gene-86.26-mRNA-1	Japonica	NA		Os09g0503400	OsR498G0917762300.01.T01	Leucyl-tRNA synthetase
augustus_masked-5-processed-gene-87.12-mRNA-1	Japonica	Japonica		Os05g0242000	OsR498G0101343800.01.T01	60S ribosomal protein L21-1
augustus_masked-5-processed-gene-9.14-mRNA-1	Japonica	NA			OsR498G0509609300.01.T01	
augustus_masked-5-processed-gene-9.20-mRNA-1	Japonica	NA		Os05g0118000	OsR498G0509612100.01.T01	SRR1 domain-containing protein
augustus_masked-5-processed-gene-90.19-mRNA-1	Japonica	NA		Os05g0248200	OsR498G0510139500.01.T01	Xylanase inhibitor protein XIP
augustus_masked-6-processed-gene-100.11-mRNA-1	Japonica	NA		Os06g0285200	OsR498G0612149700.01.T01	HAP3 transcriptional-activator
augustus_masked-6-processed-gene-100.19-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus_masked-6-processed-gene-104.34-mRNA-1	Japonica	NA		Os06g0292100	OsR498G0612172400.01.T01	Embryogenesis transmembrane protein
augustus_masked-6-processed-gene-104.35-mRNA-1	Japonica	Indica		Os06g0292400	OsR498G0612172800.01.T02	PGG domain-containing protein
augustus_masked-6-processed-gene-106.30-mRNA-1	Japonica	NA			OsR498G0612181600.01.T01	
augustus_masked-6-processed-gene-106.32-mRNA-1	Japonica	NA		Os03g0122400	OsR498G0100876000.01.T01	Transposon protein, putative, Mutator sub-class
augustus_masked-6-processed-gene-107.37-mRNA-1	Japonica	NA		Os06g0297500	OsR498G0612189500.01.T01	Embryogenesis transmembrane protein-like
augustus_masked-6-processed-gene-107.49-mRNA-1	Japonica	NA			OsR498G0612188800.01.T01	Embryogenesis transmembrane protein-like
augustus_masked-6-processed-gene-108.11-mRNA-1	Japonica	Japonica		Os06g0298700	OsR498G0612194000.01.T01	Hydroxysteroid dehydrogenase-like protein 1
augustus_masked-6-processed-gene-108.6-mRNA-1	Japonica	NA			OsR498G0612193600.01.T01	
augustus_masked-6-processed-gene-109.10-mRNA-1	Japonica	NA		Os06g0300700	OsR498G0612202300.01.T02	Serine/threonine-protein phosphatase 4 regulatory subunit like
augustus_masked-6-processed-gene-110.19-mRNA-1	Japonica	NA		Os03g0124100	OsR498G0305151500.01.T02	Beta-1,3-N-acetylglucosaminyltransferase lunatic fringe
augustus_masked-6-processed-gene-110.6-mRNA-1	Japonica	NA			OsR498G0612206300.01.T01	Amino acid transporter-like

augustus_masked-6-processed-gene-110.8-mRNA-1	Japonica	Indica		Os06g0302000	OsR498G0612208900.01.T01	BURP domain-containing protein 11
augustus_masked-6-processed-gene-111.21-mRNA-1	Japonica	NA			OsR498G0612212800.01.T01	Chemotaxis protein CheA
augustus_masked-6-processed-gene-112.0-mRNA-1	Japonica	NA		Os06g0303700	OsR498G0612215700.01.T04	MYB transcription factor-like
augustus_masked-6-processed-gene-112.1-mRNA-1	Japonica	NA		Os06g0303700	OsR498G0612215700.01.T01	Putative transcriptional regulator ATRX-like
augustus_masked-6-processed-gene-112.3-mRNA-1	Japonica	NA			OsR498G0612217500.01.T01	C2H2-type domain-containing protein
augustus_masked-6-processed-gene-113.17-mRNA-1	Japonica	NA		Os06g0306600	OsR498G0612221700.01.T01	probable carboxylesterase 18
augustus_masked-6-processed-gene-118.1-mRNA-1	Japonica	Japonica		Os06g0314100	OsR498G0612258000.01.T01	Pentatricopeptide repeat
augustus_masked-6-processed-gene-118.3-mRNA-1	Japonica	Indica		Os06g0314501	OsR498G0612260000.01.T01	
augustus_masked-6-processed-gene-120.19-mRNA-1	Japonica	Indica		Os06g0317200	OsR498G0612267300.01.T01	glycine-rich cell wall structural protein 2-like
augustus_masked-6-processed-gene-120.45-mRNA-1	Japonica	Japonica		Os05g0422200	OsR498G0612271200.01.T01	TLDC domain-containing protein (Fragment)
augustus_masked-6-processed-gene-121.41-mRNA-1	Japonica	NA			OsR498G0612274700.01.T01	
augustus_masked-6-processed-gene-122.12-mRNA-1	Japonica	NA		Os06g0321700		
augustus_masked-6-processed-gene-122.2-mRNA-1	Japonica	NA		Os06g0320300	OsR498G0612275800.01.T01	Linoleate 13S-lipoxygenase 2-1
augustus_masked-6-processed-gene-123.1-mRNA-1	Japonica	Japonica		Os06g0322300	OsR498G0612281500.01.T01	Putative jasmonate O-methyltransferase
augustus_masked-6-processed-gene-124.0-mRNA-1	Japonica	NA			OsR498G0612383800.01.T01	
augustus_masked-6-processed-gene-124.16-mRNA-1	Japonica	NA			OsR498G0612286300.01.T01	
augustus_masked-6-processed-gene-124.27-mRNA-1	Japonica	NA		Os06g0325700		
augustus_masked-6-processed-gene-125.0-mRNA-1	Japonica	Japonica		Os06g0325900	OsR498G0815038200.01.T01	Putative ferulate 5-hydroxylase
augustus_masked-6-processed-gene-125.10-mRNA-1	Japonica	NA		Os06g0326900	OsR498G0612296100.01.T02	PPC domain-containing protein (Fragment)
augustus_masked-6-processed-gene-125.3-mRNA-1	Japonica	NA		Os08g0381000	OsR498G0713957300.01.T01	
augustus_masked-6-processed-gene-127.24-mRNA-1	Japonica	NA		Os08g0152400	OsR498G0815203000.01.T01	Cytochrome P450 family 87 subfamily A polypeptide 6
augustus_masked-6-processed-gene-128.14-mRNA-1	Japonica	NA			OsR498G0612309300.01.T01	
augustus_masked-6-processed-gene-128.25-mRNA-1	Japonica	NA		Os06g0331900	OsR498G0612561200.01.T01	Aluminum-activated malate transporter 10
augustus_masked-6-processed-gene-129.38-mRNA-1	Japonica	NA		Os06g0332800	OsR498G0612558900.01.T01	Protein BUNDLE SHEATH DEFECTIVE 2, chloroplastic
augustus_masked-6-processed-gene-131.41-mRNA-1	Japonica	NA			OsR498G0917449000.01.T03	Zinc-finger homeodomain protein 9
augustus_masked-6-processed-gene-131.42-mRNA-1	Japonica	NA			OsR498G0612544300.01.T01	AP2/ERF domain-containing protein
augustus_masked-6-processed-gene-132.28-mRNA-1	Japonica	NA		Os05g0457000	OsR498G0305421900.01.T01	
augustus_masked-6-processed-gene-133.14-mRNA-1	Japonica	Japonica		Os06g0339800	OsR498G0815054500.01.T01	Structural constituent of ribosome
augustus_masked-6-processed-gene-134.16-mRNA-1	Japonica	NA		Os06g0343100	OsR498G0612524900.01.T01	RNA helicase
augustus_masked-6-processed-gene-134.17-mRNA-1	Japonica	NA		Os06g0343600	OsR498G0612523700.01.T01	Glycosyltransferase
augustus_masked-6-processed-gene-134.3-mRNA-1	Japonica	NA		Os06g0342000	OsR498G0612527500.01.T01	Exostosin domain-containing protein (Fragment)
augustus_masked-6-processed-gene-139.11-mRNA-1	Japonica	NA			OsR498G0815996300.01.T02	Hydroxyproline-rich glycoprotein-like
augustus_masked-6-processed-gene-139.6-mRNA-1	Japonica	NA		Os06g0349800	OsR498G0612504300.01.T01	
augustus_masked-6-processed-gene-140.31-mRNA-1	Japonica	NA		Os06g0352200	OsR498G0612495900.01.T01	DUF679 domain membrane protein 7
augustus_masked-6-processed-gene-141.10-mRNA-1	Japonica	NA		Os06g0352900	OsR498G0612492500.01.T02	Chloroplast protein HCF243
augustus_masked-6-processed-gene-142.11-mRNA-1	Japonica	NA		Os06g0354601	OsR498G0612489400.01.T01	
augustus_masked-6-processed-gene-142.12-mRNA-1	Japonica	NA		Os06g0354700	OsR498G0612488000.01.T03	Pheophytinase, chloroplastic
augustus_masked-6-processed-gene-144.0-mRNA-1	Japonica	NA		Os12g0468900	OsR498G0713579700.01.T01	Cell wall protein-like
augustus_masked-6-processed-gene-147.12-mRNA-1	Japonica	NA		Os06g0362100		
augustus_masked-6-processed-gene-154.8-mRNA-1	Japonica	NA		Os06g0468300	OsR498G0612438500.01.T06	Putative RING zinc finger domain superfamily protein isoform 1
augustus_masked-6-processed-gene-155.23-mRNA-1	Japonica	NA				
augustus_masked-6-processed-gene-156.17-mRNA-1	Japonica	NA		Os06g0472700	OsR498G0612396600.01.T01	WRKY transcription factor
augustus_masked-6-processed-gene-156.9-mRNA-1	Japonica	Indica		Os06g0472300	OsR498G0612388200.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-6-processed-gene-157.11-mRNA-1	Japonica	NA		Os06g0473800	OsR498G0612402300.01.T01	Oleosin Zm-II
augustus_masked-6-processed-gene-158.0-mRNA-1	Japonica	NA		Os06g0474300	OsR498G0612405300.01.T01	S-adenosyl-L-methionine-dependent methyltransferase superfamily protein
augustus_masked-6-processed-gene-159.18-mRNA-1	Japonica	NA		Os06g0476800		
augustus_masked-6-processed-gene-159.19-mRNA-1	Japonica	Japonica		Os06g0476900	OsR498G0714121500.01.T06	
augustus_masked-6-processed-gene-161.0-mRNA-1	Japonica	NA		Os06g0478100		
augustus_masked-6-processed-gene-161.13-mRNA-1	Japonica	NA	LRR-TM	Os06g0478600	OsR498G0612420500.01.T01	Leucine-rich repeat receptor-like serine/threonine-protein kinase BAM2
augustus_masked-6-processed-gene-161.23-mRNA-1	Japonica	NA		Os06g0479233		
augustus_masked-6-processed-gene-166.12-mRNA-1	Japonica	Indica		Os06g0114366	OsR498G0612361200.01.T01	Selenium-binding protein-like
augustus_masked-6-processed-gene-167.37-mRNA-1	Japonica	NA		Os07g0561900	OsR498G0102180600.01.T01	Peptide transporter PTR1
augustus_masked-6-processed-gene-168.19-mRNA-1	Japonica	NA			OsR498G0408540300.01.T01	
augustus_masked-6-processed-gene-168.7-mRNA-1	Japonica	NA		Os06g0490000	OsR498G0612352500.01.T02	rRNA adenine N(6)-methyltransferase
augustus_masked-6-processed-gene-169.22-mRNA-1	Japonica	NA			OsR498G0612342000.01.T01	
augustus_masked-6-processed-gene-170.19-mRNA-1	Japonica	NA		Os06g0493800	OsR498G0612334700.01.T04	Pentatricopeptide repeat-containing protein
augustus_masked-6-processed-gene-171.20-mRNA-1	Japonica	NA		Os06g0494700	OsR498G0612329400.01.T01	Protein DETOXIFICATION
augustus_masked-6-processed-gene-171.7-mRNA-1	Japonica	NA		Os06g0494000	OsR498G0612334000.01.T02	Paired amphipathic helix repeat-containing family protein
augustus_masked-6-processed-gene-174.1-mRNA-1	Japonica	NA		Os06g0498150		
augustus_masked-6-processed-gene-174.2-mRNA-1	Japonica	NA		Os01g0726000	OsR498G0917309200.01.T01	
augustus_masked-6-processed-gene-176.24-mRNA-1	Japonica	NA		Os06g0501900	OsR498G0612571700.01.T01	

augustus_masked-6-processed-gene-177.4-mRNA-1	Japonica	NA		Os06g0502900	OsR498G0612566000.01.T02	Putative WRKY transcription factor
augustus_masked-6-processed-gene-178.10-mRNA-1	Japonica	NA		Os06g0504100		
augustus_masked-6-processed-gene-179.1-mRNA-1	Japonica	NA				Arabinogalactan peptide
augustus_masked-6-processed-gene-179.11-mRNA-1	Japonica	NA		Os06g0506100	OsR498G0612587700.01.T03	Pentatricopeptide repeat-containing protein, mitochondrial
augustus_masked-6-processed-gene-180.0-mRNA-1	Japonica	NA		Os06g0507101	OsR498G0612592000.01.T01	Prolamin
augustus_masked-6-processed-gene-180.1-mRNA-1	Japonica	NA		Os06g0507300	OsR498G0612592400.01.T01	BTB domain-containing protein
augustus_masked-6-processed-gene-180.20-mRNA-1	Japonica	NA			OsR498G0612594200.01.T01	Intracellular protein transport protein USO1-related
augustus_masked-6-processed-gene-189.11-mRNA-1	Japonica	NA			OsR498G1221584400.01.T01	
augustus_masked-6-processed-gene-190.9-mRNA-1	Japonica	NA				Eukaryotic translation initiation factor isoform 4G-2
augustus_masked-6-processed-gene-191.10-mRNA-1	Japonica	NA				Plant cadmium resistance protein
augustus_masked-6-processed-gene-191.31-mRNA-1	Japonica	Indica		Os12g0119800	OsR498G0612633600.01.T01	Harpin-induced protein 1 containing protein, expressed
augustus_masked-6-processed-gene-192.18-mRNA-1	Japonica	Indica		Os06g0523100	OsR498G0612638500.01.T03	WRKY transcription factor
augustus_masked-6-processed-gene-193.7-mRNA-1	Japonica	NA		Os06g0523300	OsR498G0612640000.01.T01	Nucleotide-sugar transporter
augustus_masked-6-processed-gene-193.8-mRNA-1	Japonica	NA		Os06g0523400	OsR498G0612640400.01.T06	Nucleotide-sugar transporter
augustus_masked-6-processed-gene-194.3-mRNA-1	Japonica	NA			OsR498G0612647700.01.T01	
augustus_masked-6-processed-gene-196.4-mRNA-1	Japonica	Japonica		Os06g0528700	OsR498G0100964300.01.T01	Flavin-containing monooxygenase
augustus_masked-6-processed-gene-199.12-mRNA-1	Japonica	Japonica		Os06g0534900	OsR498G0612688700.01.T01	RING-H2 finger protein ATL22
augustus_masked-6-processed-gene-199.22-mRNA-1	Japonica	NA		Os12g0550700		Transposon protein, putative, Pong sub-class, expressed
augustus_masked-6-processed-gene-199.9-mRNA-1	Japonica	NA		Os06g0534800	OsR498G0612688300.01.T01	E3 ubiquitin-protein ligase ATL6
augustus_masked-6-processed-gene-2.13-mRNA-1	Japonica	NA			OsR498G0611471700.01.T01	CCT domain-containing protein
augustus_masked-6-processed-gene-2.14-mRNA-1	Japonica	Japonica		Os06g0103200	OsR498G1119695000.01.T01	N-hydroxycinnamoyl benzoyltransferase-like protein
augustus_masked-6-processed-gene-200.10-mRNA-1	Japonica	NA			OsR498G0612691300.01.T01	Zinc finger, RING/FYVE/PHD-type
augustus_masked-6-processed-gene-200.12-mRNA-1	Japonica	NA			OsR498G0612692100.01.T01	Poly(A)-specific ribonuclease
augustus_masked-6-processed-gene-208.2-mRNA-1	Japonica	Indica		Os02g0232900	OsR498G0612734500.01.T01	Aquaporin NIP-type like
augustus_masked-6-processed-gene-209.17-mRNA-1	Japonica	NA			OsR498G0612740100.01.T01	Dehydration-responsive element-binding protein 3
augustus_masked-6-processed-gene-209.35-mRNA-1	Japonica	NA		Os06g0554300	OsR498G0612743600.01.T03	Dentin sialophosphoprotein-like
augustus_masked-6-processed-gene-209.36-mRNA-1	Japonica	NA		Os06g0554600	OsR498G0612745200.01.T01	
augustus_masked-6-processed-gene-210.24-mRNA-1	Japonica	Indica		Os06g0556200	OsR498G0612751900.01.T01	Amino acid permease 1
augustus_masked-6-processed-gene-211.22-mRNA-1	Japonica	Japonica	LRR-TM	Os06g0557400	OsR498G0612758000.01.T01	LRR receptor-like serine/threonine-protein kinase HSL2
augustus_masked-6-processed-gene-211.24-mRNA-1	Japonica	NA			OsR498G0612760200.01.T01	Protein DETOXIFICATION
augustus_masked-6-processed-gene-214.4-mRNA-1	Japonica	NA		Os06g0562200	OsR498G0612770700.01.T01	Abscisic acid receptor PYL 2
augustus_masked-6-processed-gene-215.35-mRNA-1	Japonica	NA		Os06g0564000		
augustus_masked-6-processed-gene-216.0-mRNA-1	Japonica	Japonica		Os06g0565000	OsR498G0612787500.01.T02	Putative fertility restorer homologue
augustus_masked-6-processed-gene-217.12-mRNA-1	Japonica	NA		Os06g0567000	OsR498G0612796100.01.T01	Dolichyl-diphosphooligosaccharide-protein glycosyltransferase subunit OST3
augustus_masked-6-processed-gene-217.26-mRNA-1	Japonica	NA			OsR498G0100560400.01.T01	
augustus_masked-6-processed-gene-218.16-mRNA-1	Japonica	Japonica		Os06g0568800	OsR498G0612797900.01.T01	SWIM-type domain-containing protein
augustus_masked-6-processed-gene-218.17-mRNA-1	Japonica	Japonica		Os06g0569300	OsR498G0816542100.01.T01	
augustus_masked-6-processed-gene-218.31-mRNA-1	Japonica	NA		Os06g0568600	OsR498G0612797400.01.T01	Ent-kaurene oxidase
augustus_masked-6-processed-gene-220.23-mRNA-1	Japonica	Japonica		Os06g0572000	OsR498G0916743100.01.T07	
augustus_masked-6-processed-gene-221.22-mRNA-1	Japonica	NA		Os06g0573700	OsR498G0612810500.01.T02	
augustus_masked-6-processed-gene-222.36-mRNA-1	Japonica	Indica		Os04g0205200	OsR498G0612819600.01.T01	Disease resistance protein RPM1
augustus_masked-6-processed-gene-226.0-mRNA-1	Japonica	NA	Kinase-LRR-TM			U-box domain-containing protein 33-like isoform X1
augustus_masked-6-processed-gene-227.33-mRNA-1	Japonica	NA			OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-6-processed-gene-231.29-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os06g0587500	OsR498G0612856100.01.T01	Leucine-rich repeat protein kinase family protein
augustus_masked-6-processed-gene-231.42-mRNA-1	Japonica	NA		Os06g0588900	OsR498G0612856600.01.T02	CTLH domain-containing protein
augustus_masked-6-processed-gene-233.1-mRNA-1	Japonica	NA		Os06g0591701		
augustus_masked-6-processed-gene-233.37-mRNA-1	Japonica	NA		Os06g0593800	OsR498G0612872400.01.T01	Glycosyltransferase
augustus_masked-6-processed-gene-234.17-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os06g0594200	OsR498G0612874800.01.T01	Putative disease resistance RPP13-like protein 1
augustus_masked-6-processed-gene-236.14-mRNA-1	Japonica	NA		Os06g0598800	OsR498G0612885700.01.T02	Very-long-chain 3-oxoacyl-CoA synthase
augustus_masked-6-processed-gene-237.8-mRNA-1	Japonica	NA		Os06g0600400	OsR498G0612888300.01.T01	Secologanin synthase
augustus_masked-6-processed-gene-238.11-mRNA-1	Japonica	NA		Os06g0602400	OsR498G0612892900.01.T01	DEAD-box ATP-dependent RNA helicase 52
augustus_masked-6-processed-gene-238.19-mRNA-1	Japonica	NA	Kinase-TM	Os06g0602500	OsR498G0612893400.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-6-processed-gene-239.21-mRNA-1	Japonica	NA			OsR498G0612897600.01.T03	RNA polymerase Rpc34 subunit family protein
augustus_masked-6-processed-gene-241.41-mRNA-1	Japonica	NA		Os06g0607100	OsR498G0612914100.01.T01	Phosphatidic acid phosphatase-related /PAP2-related
augustus_masked-6-processed-gene-241.49-mRNA-1	Japonica	NA		Os06g0606800	OsR498G0612911400.01.T03	TPX2 domain-containing protein
augustus_masked-6-processed-gene-243.13-mRNA-1	Japonica	NA			OsR498G0612922300.01.T01	Lateral suppressor
augustus_masked-6-processed-gene-244.40-mRNA-1	Japonica	Japonica		Os06g0611200	OsR498G0612925400.01.T01	Pentatricopeptide (PPR) repeat-containing protein-like
augustus_masked-6-processed-gene-245.16-mRNA-1	Japonica	NA		Os06g0612800	OsR498G0612933300.01.T05	Stress-associated protein 8
augustus_masked-6-processed-gene-246.2-mRNA-1	Japonica	Japonica		Os06g0614400	OsR498G1019138600.01.T01	
augustus_masked-6-processed-gene-247.13-mRNA-1	Japonica	Japonica		Os06g0616900	OsR498G0101162300.01.T01	
augustus_masked-6-processed-gene-247.6-mRNA-1	Japonica	NA				

augustus_masked-6-processed-gene-248.39-mRNA-1	Japonica	NA		Os06g0618700	OsR498G0612961000.01.T01	VQ motif-containing protein 25
augustus_masked-6-processed-gene-250.13-mRNA-1	Japonica	NA			OsR498G0612968300.01.T01	
augustus_masked-6-processed-gene-251.1-mRNA-1	Japonica	Indica		Os07g0543600	OsR498G0612972300.01.T01	Putative strictosidine synthase
augustus_masked-6-processed-gene-251.7-mRNA-1	Japonica	Indica		Os07g0543600	OsR498G0612972200.01.T01	Strictosidine synthase 1
augustus_masked-6-processed-gene-252.18-mRNA-1	Japonica	NA		Os06g0624900	OsR498G0612977500.01.T03	PLATZ transcription factor family protein isoform 2
augustus_masked-6-processed-gene-252.19-mRNA-1	Japonica	Indica		Os06g0625000	OsR498G0612978300.01.T01	
augustus_masked-6-processed-gene-253.26-mRNA-1	Japonica	NA		Os06g0626600	OsR498G0612988400.01.T01	Sulfotransferase
augustus_masked-6-processed-gene-253.28-mRNA-1	Japonica	NA			OsR498G0612989000.01.T01	
augustus_masked-6-processed-gene-254.49-mRNA-1	Japonica	NA		Os06g0627400	OsR498G0612992400.01.T01	
augustus_masked-6-processed-gene-255.13-mRNA-1	Japonica	NA	LRR-TM	Os06g0627500	OsR498G0612993000.01.T01	piriformospora indica-insensitive protein 2
augustus_masked-6-processed-gene-258.14-mRNA-1	Japonica	NA		Os06g0633900	OsR498G0613018300.01.T02	Alpha/beta hydrolase fold
augustus_masked-6-processed-gene-258.27-mRNA-1	Japonica	NA			OsR498G0613017200.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-6-processed-gene-259.35-mRNA-1	Japonica	NA		Os06g0634300	OsR498G0613019800.01.T03	MutT domain protein-like
augustus_masked-6-processed-gene-260.2-mRNA-1	Japonica	NA			OsR498G0917172900.01.T01	DUF834 domain-containing protein
augustus_masked-6-processed-gene-261.16-mRNA-1	Japonica	NA		Os06g0639300	OsR498G0613035300.01.T01	Methyltransferase-like protein 22
augustus_masked-6-processed-gene-261.17-mRNA-1	Japonica	NA	Kinase-TM	Os06g0639500	OsR498G0613036700.01.T01	E3 ubiquitin-protein ligase KEG
augustus_masked-6-processed-gene-288.54-mRNA-1	Japonica	NA		Os06g0687200	OsR498G0613210300.01.T01	Peptidoglycan glycosyltransferase FtsW
augustus_masked-6-processed-gene-289.25-mRNA-1	Japonica	NA		Os06g0690100		
augustus_masked-6-processed-gene-289.27-mRNA-1	Japonica	NA			OsR498G0613217300.01.T01	
augustus_masked-6-processed-gene-289.7-mRNA-1	Japonica	Indica		Os09g0472900	OsR498G0613213400.01.T01	Expansin-like EG45 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-289.8-mRNA-1	Japonica	Indica		Os09g0472900	OsR498G0613213600.01.T01	Expansin-like EG45 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-290.36-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os06g0692600	OsR498G0613224200.01.T01	Tyrosine-sulfated glycopeptide receptor 1
augustus_masked-6-processed-gene-290.37-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os06g0692600	OsR498G0613225000.01.T01	Tyrosine-sulfated glycopeptide receptor 1
augustus_masked-6-processed-gene-290.7-mRNA-1	Japonica	Japonica		Os06g0690900	OsR498G0613218100.01.T02	Pentatricopeptide repeat-containing protein
augustus_masked-6-processed-gene-290.8-mRNA-1	Japonica	NA		Os06g0691100	OsR498G0613218700.01.T01	Ethylene-responsive transcription factor 3
augustus_masked-6-processed-gene-290.9-mRNA-1	Japonica	NA		Os06g0691200	OsR498G0613219300.01.T02	thaumatin-like protein isoform X1
augustus_masked-6-processed-gene-291.11-mRNA-1	Japonica	NA		Os06g0693700	OsR498G0613228500.01.T01	C2H2-type domain-containing protein (Fragment)
augustus_masked-6-processed-gene-291.33-mRNA-1	Japonica	Japonica		Os06g0694600	OsR498G0613230800.01.T01	Pentatricopeptide repeat
augustus_masked-6-processed-gene-292.26-mRNA-1	Japonica	NA		Os06g0695700	OsR498G0613235300.01.T01	Homeobox protein ARX-like
augustus_masked-6-processed-gene-292.34-mRNA-1	Japonica	NA		Os06g0695900	OsR498G0613236200.01.T01	Anaphase-promoting complex subunit 11 RING-H2 finger protein
augustus_masked-6-processed-gene-296.16-mRNA-1	Japonica	NA			OsR498G0203878000.01.T01	Cell wall protein-like
augustus_masked-6-processed-gene-297.9-mRNA-1	Japonica	NA		Os06g0702100	OsR498G0613261700.01.T03	Methyl-CpG-binding domain-containing protein 2
augustus_masked-6-processed-gene-3.1-mRNA-1	Japonica	NA		Os06g0104100	OsR498G0611474500.01.T01	NADH dehydrogenasecomplex I, assembly factor 6 like
augustus_masked-6-processed-gene-3.22-mRNA-1	Japonica	NA		Os06g0104900	OsR498G0611476400.01.T01	L-lactate dehydrogenase A
augustus_masked-6-processed-gene-308.31-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-6-processed-gene-308.41-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-6-processed-gene-4.0-mRNA-1	Japonica	Indica		Os06g0105200	OsR498G0611477700.01.T01	GRAS transcription factor
augustus_masked-6-processed-gene-4.29-mRNA-1	Japonica	NA		Os06g0106900	OsR498G0611482600.01.T02	MADS-box transcription factor 8
augustus_masked-6-processed-gene-4.4-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0611477400.01.T01	Receptor-like serine/threonine-protein kinase
augustus_masked-6-processed-gene-4.5-mRNA-1	Japonica	NA		Os06g0105400	OsR498G0611478000.01.T02	Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase
augustus_masked-6-processed-gene-43.0-mRNA-1	Japonica	NA		Os06g0184400	OsR498G0611736100.01.T01	C2 tensin-type domain-containing protein
augustus_masked-6-processed-gene-46.60-mRNA-1	Japonica	NA			OsR498G0611752600.01.T01	
augustus_masked-6-processed-gene-47.12-mRNA-1	Japonica	Japonica	Kinase-TM	Os06g0191300	OsR498G0204906600.01.T01	MAP kinase kinase
augustus_masked-6-processed-gene-47.20-mRNA-1	Japonica	NA			OsR498G0611760900.01.T01	
augustus_masked-6-processed-gene-47.21-mRNA-1	Japonica	NA		Os06g0192800	OsR498G0611761500.01.T01	RING-H2 finger protein ATL60
augustus_masked-6-processed-gene-47.6-mRNA-1	Japonica	NA		Os04g0471100	OsR498G0510159400.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class, expressed
augustus_masked-6-processed-gene-48.23-mRNA-1	Japonica	NA				
augustus_masked-6-processed-gene-48.3-mRNA-1	Japonica	NA		Os06g0193200	OsR498G0611762700.01.T02	Pectinesterase
augustus_masked-6-processed-gene-49.13-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-6-processed-gene-5.39-mRNA-1	Japonica	NA		Os06g0109000	OsR498G0611488200.01.T03	Phosphoglycerate mutase-like protein AT74
augustus_masked-6-processed-gene-5.41-mRNA-1	Japonica	Japonica		Os06g0109500	OsR498G0611490800.01.T01	Haloacid dehalogenase-like hydrolase domain-containing protein Sgpp
augustus_masked-6-processed-gene-6.1-mRNA-1	Japonica	NA		Os02g0540000	OsR498G1019218100.01.T01	RING-type domain-containing protein
augustus_masked-6-processed-gene-6.12-mRNA-1	Japonica	NA		Os06g0111200	OsR498G0611495300.01.T01	DUF295 domain-containing protein
augustus_masked-6-processed-gene-6.13-mRNA-1	Japonica	NA		Os06g0111500	OsR498G0611496300.01.T02	6-phosphogluconate dehydrogenase, decarboxylating
augustus_masked-6-processed-gene-6.27-mRNA-1	Japonica	NA		Os06g0111100	OsR498G0611495200.01.T01	DUF295 domain-containing protein
augustus_masked-6-processed-gene-6.8-mRNA-1	Japonica	NA		Os06g0110200	OsR498G0611494100.01.T01	18 kDa seed maturation protein-like
augustus_masked-6-processed-gene-65.20-mRNA-1	Japonica	Japonica		Os06g0223000	OsR498G0611882900.01.T01	t-SNARE coiled-coil homology domain-containing protein (Fragment)
augustus_masked-6-processed-gene-65.35-mRNA-1	Japonica	Indica		Os02g0751800	OsR498G0611883600.01.T01	Phosphoglycerate mutase
augustus_masked-6-processed-gene-7.27-mRNA-1	Japonica	NA		Os06g0112000	OsR498G0611498500.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
augustus_masked-6-processed-gene-74.22-mRNA-1	Japonica	NA		Os06g0238000	OsR498G0611967700.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-6-processed-gene-74.39-mRNA-1	Japonica	NA		Os06g0239100	OsR498G0611970300.01.T01	Metalloendoproteinase 2-MMP

augustus_masked-6-processed-gene-74.44-mRNA-1	Japonica	NA		Os10g0460000	OsR498G0204348500.01.T01	
augustus_masked-6-processed-gene-74.55-mRNA-1	Japonica	NA		Os06g0238900	OsR498G0611970000.01.T02	TMV response protein
augustus_masked-6-processed-gene-75.5-mRNA-1	Japonica	Indica		Os06g0240800	OsR498G0611972800.01.T01	Acetylserotonin O-methyltransferase 1
augustus_masked-6-processed-gene-79.7-mRNA-1	Japonica	NA			OsR498G0611999800.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-6-processed-gene-85.4-mRNA-1	Japonica	NA			OsR498G1220782800.01.T03	
augustus_masked-6-processed-gene-86.15-mRNA-1	Japonica	Japonica		Os06g0262200	OsR498G0612046000.01.T01	3-ketoacyl-CoA synthase
augustus_masked-6-processed-gene-87.22-mRNA-1	Japonica	NA				
augustus_masked-6-processed-gene-87.24-mRNA-1	Japonica	NA		Os06g0263400	OsR498G0612054600.01.T01	Very-long-chain 3-oxoacyl-CoA synthase
augustus_masked-6-processed-gene-87.3-mRNA-1	Japonica	Japonica		Os06g0262800	OsR498G0612046000.01.T01	Very-long-chain 3-oxoacyl-CoA synthase
augustus_masked-6-processed-gene-88.8-mRNA-1	Japonica	Japonica		Os06g0264200	OsR498G0612055300.01.T01	NADH2 dehydrogenase family protein
augustus_masked-6-processed-gene-98.31-mRNA-1	Japonica	NA		Os06g0283400	OsR498G0612143000.01.T01	Phosphatidylinositol 4-kinase type 2-beta
augustus_masked-7-processed-gene-105.9-mRNA-1	Japonica	NA				
augustus_masked-7-processed-gene-124.33-mRNA-1	Japonica	NA			OsR498G0714084500.01.T06	D-ribulose kinase
augustus_masked-7-processed-gene-133.32-mRNA-1	Japonica	NA			OsR498G0714134600.01.T01	
augustus_masked-7-processed-gene-155.25-mRNA-1	Japonica	NA			OsR498G0714217800.01.T01	Phosphatidylinositol/phosphatidylcholine transfer protein SFH5
augustus_masked-7-processed-gene-168.25-mRNA-1	Japonica	NA				PMD domain-containing protein (Fragment)
augustus_masked-7-processed-gene-253.24-mRNA-1	Japonica	NA		Os07g0619200	OsR498G0714765300.01.T03	Polcalcin Syr v 3-like
augustus_masked-7-processed-gene-262.50-mRNA-1	Japonica	NA		Os08g0487300	OsR498G0102102900.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus_masked-7-processed-gene-269.9-mRNA-1	Japonica	NA			OsR498G0714866500.01.T01	
augustus_masked-7-processed-gene-6.31-mRNA-1	Japonica	NA				Fusarium resistance protein I2C-5-like
augustus_masked-7-processed-gene-74.35-mRNA-1	Japonica	NA		Os07g0240600	OsR498G0713860700.01.T01	DIMBOA UDP-glucosyltransferase BX9
augustus_masked-7-processed-gene-89.22-mRNA-1	Japonica	NA		Os07g0264000	OsR498G0713942500.01.T04	
augustus_masked-7-processed-gene-96.9-mRNA-1	Japonica	NA			OsR498G0713968800.01.T03	GlcNAc-PI synthesis protein (Fragment)
augustus_masked-8-processed-gene-1.7-mRNA-1	Japonica	NA		Os08g0101500	OsR498G0815025500.01.T01	Molybdate transporter like
augustus_masked-8-processed-gene-12.1-mRNA-1	Japonica	NA			OsR498G0305908100.01.T01	
augustus_masked-8-processed-gene-12.13-mRNA-1	Japonica	NA		Os08g0120900		
augustus_masked-8-processed-gene-151.29-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0815800700.01.T01	LRR receptor-like serine/threonine-protein kinase EFR
augustus_masked-8-processed-gene-153.20-mRNA-1	Japonica	NA			OsR498G0815809900.01.T01	
augustus_masked-8-processed-gene-17.55-mRNA-1	Japonica	NA		Os08g0128000	OsR498G0815106700.01.T03	Galactose oxidase/kelch repeat superfamily protein
augustus_masked-8-processed-gene-17.59-mRNA-1	Japonica	NA		Os08g0128700	OsR498G0815108100.01.T01	BTB/POZ domain-containing protein At1g55760
augustus_masked-8-processed-gene-18.47-mRNA-1	Japonica	Indica		Os08g0131200	OsR498G0815118100.01.T01	AAI domain-containing protein
augustus_masked-8-processed-gene-2.1-mRNA-1	Japonica	NA			OsR498G0815028100.01.T01	Transcription repressor
augustus_masked-8-processed-gene-2.8-mRNA-1	Japonica	Japonica		Os08g0102800	OsR498G0713661400.01.T01	
augustus_masked-8-processed-gene-205.21-mRNA-1	Japonica	NA		Os08g0402100	OsR498G0816036700.01.T01	LOB domain-containing protein 22
augustus_masked-8-processed-gene-209.19-mRNA-1	Japonica	NA		Os08g0409500	OsR498G0816066900.01.T01	VQ domain-containing protein (Fragment)
augustus_masked-8-processed-gene-209.5-mRNA-1	Japonica	NA		Os08g0408500	OsR498G0816061900.01.T01	AP domain DRE binding factor
augustus_masked-8-processed-gene-210.0-mRNA-1	Japonica	Indica		Os08g0410300	OsR498G0816070500.01.T01	Carbohydrate transporter/ sugar porter/ transporter
augustus_masked-8-processed-gene-211.17-mRNA-1	Japonica	NA		Os07g0579000	OsR498G0714629300.01.T01	AP2/ERF transcription factor
augustus_masked-8-processed-gene-211.3-mRNA-1	Japonica	Indica		Os08g0413100	OsR498G0816078500.01.T01	
augustus_masked-8-processed-gene-212.16-mRNA-1	Japonica	NA		Os08g0415600	OsR498G0816084700.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-8-processed-gene-214.23-mRNA-1	Japonica	Japonica		Os08g0419100	OsR498G0816093100.01.T01	
augustus_masked-8-processed-gene-214.34-mRNA-1	Japonica	NA			OsR498G0816095500.01.T01	
augustus_masked-8-processed-gene-217.0-mRNA-1	Japonica	NA	NBS-TM	Os08g0424700		NB-ARC domain-containing protein
augustus_masked-8-processed-gene-22.53-mRNA-1	Japonica	Japonica		Os08g0137900	OsR498G0815137300.01.T01	Phytoecyanin domain-containing protein (Fragment)
augustus_masked-8-processed-gene-220.17-mRNA-1	Japonica	NA			OsR498G0816130300.01.T01	
augustus_masked-8-processed-gene-229.14-mRNA-1	Japonica	NA		Os08g0443800	OsR498G0816189900.01.T01	Putative senescence-associated protein 5
augustus_masked-8-processed-gene-23.0-mRNA-1	Japonica	NA		Os08g0138200	OsR498G0815138300.01.T01	Phytoecyanin domain-containing protein (Fragment)
augustus_masked-8-processed-gene-233.2-mRNA-1	Japonica	Indica		Os05g0350900	OsR498G0816216500.01.T01	R2R3-MYB transcription factor MYB7
augustus_masked-8-processed-gene-234.10-mRNA-1	Japonica	NA		Os08g0452100	OsR498G0816220900.01.T02	Subtilisin-like serine protease
augustus_masked-8-processed-gene-235.25-mRNA-1	Japonica	Japonica		Os08g0453700	OsR498G0816228700.01.T06	Respiratory burst oxidase E
augustus_masked-8-processed-gene-235.31-mRNA-1	Japonica	NA		Os08g0454400	OsR498G0816230500.01.T02	Peroxidase
augustus_masked-8-processed-gene-236.19-mRNA-1	Japonica	NA		Os08g0455700	OsR498G0816233900.01.T01	Exocyst subunit Exo70 family protein (Fragment)
augustus_masked-8-processed-gene-237.14-mRNA-1	Japonica	Indica		Os08g0457100	OsR498G0816237900.01.T01	
augustus_masked-8-processed-gene-238.9-mRNA-1	Japonica	NA		Os08g0459400		DDE Tnp4 domain-containing protein (Fragment)
augustus_masked-8-processed-gene-240.26-mRNA-1	Japonica	NA		Os08g0463500	OsR498G0816258900.01.T01	Zinc finger protein GIS
augustus_masked-8-processed-gene-241.10-mRNA-1	Japonica	Indica		Os08g0464400	OsR498G0816261100.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-8-processed-gene-241.21-mRNA-1	Japonica	NA		Os08g0465700	OsR498G0816264700.01.T02	
augustus_masked-8-processed-gene-242.18-mRNA-1	Japonica	NA		Os08g0466200	OsR498G0816265900.01.T01	Potassium transporter
augustus_masked-8-processed-gene-242.37-mRNA-1	Japonica	NA		Os08g0467300	OsR498G0816271500.01.T01	ENTH domain-containing protein
augustus_masked-8-processed-gene-243.13-mRNA-1	Japonica	Japonica		Os08g0467600	OsR498G0816272300.01.T01	GLABROUS1 enhancer-binding protein-like
augustus_masked-8-processed-gene-243.20-mRNA-1	Japonica	NA		Os08g0468300		

augustus_masked-8-processed-gene-243.22-mRNA-1	Japonica	Japonica		Os08g0469000	OsR498G0816277700.01.T01	Aspartic proteinase nepenthesin-1
augustus_masked-8-processed-gene-243.26-mRNA-1	Japonica	NA			OsR498G0816279300.01.T01	
augustus_masked-8-processed-gene-245.8-mRNA-1	Japonica	NA		Os08g0472000	OsR498G0816288900.01.T01	ABSCISIC ACID-INSENSITIVE 5-like protein 5
augustus_masked-8-processed-gene-246.32-mRNA-1	Japonica	Indica		Os08g0474000	OsR498G0816296700.01.T01	Ethylene-responsive transcription factor ERF109
augustus_masked-8-processed-gene-246.35-mRNA-1	Japonica	Japonica		Os08g0474400	OsR498G0816363600.01.T01	Protein transport protein SEC23
augustus_masked-8-processed-gene-247.16-mRNA-1	Japonica	Japonica		Os08g0475300	OsR498G0611850100.01.T01	Putative carboxylesterase 2
augustus_masked-8-processed-gene-247.20-mRNA-1	Japonica	NA		Os10g0460000	OsR498G1019116500.01.T01	
augustus_masked-8-processed-gene-247.23-mRNA-1	Japonica	NA		Os08g0476600	OsR498G0816303700.01.T01	Plant-specific domain TIGR01570 family protein
augustus_masked-8-processed-gene-248.1-mRNA-1	Japonica	NA			OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-8-processed-gene-248.18-mRNA-1	Japonica	NA		Os02g0212975	OsR498G1019116500.01.T01	Kinesin heavy chain-like
augustus_masked-8-processed-gene-248.19-mRNA-1	Japonica	NA		Os08g0477700	OsR498G0816307300.01.T01	J domain-containing protein (Fragment)
augustus_masked-8-processed-gene-249.0-mRNA-1	Japonica	NA				
augustus_masked-8-processed-gene-25.15-mRNA-1	Japonica	NA		Os08g0142500	OsR498G0815150600.01.T01	PMEI domain-containing protein
augustus_masked-8-processed-gene-25.22-mRNA-1	Japonica	Japonica		Os08g0143600	OsR498G0815152700.01.T01	Putative DEFECTIVE IN ANTHR DEHISCENCE1
augustus_masked-8-processed-gene-260.51-mRNA-1	Japonica	NA		Os08g0500800	OsR498G0816402300.01.T01	Ubiquitin and WLM domain-containing metalloprotease
augustus_masked-8-processed-gene-262.23-mRNA-1	Japonica	NA		Os08g0504500	OsR498G0816418300.01.T02	Thylakoid luminal protein, chloroplastic
augustus_masked-8-processed-gene-262.27-mRNA-1	Japonica	Japonica	Kinase-TM	Os08g0504800	OsR498G0917718500.01.T01	Serine/threonine-protein kinase UCNL
augustus_masked-8-processed-gene-262.29-mRNA-1	Japonica	Indica		Os08g0505001	OsR498G0816421500.01.T02	Complex I subunit
augustus_masked-8-processed-gene-263.16-mRNA-1	Japonica	Japonica	LRR-TM	Os08g0506100	OsR498G0816425900.01.T01	RNase H domain-containing protein (Fragment)
augustus_masked-8-processed-gene-264.15-mRNA-1	Japonica	NA		Os08g0507400	OsR498G0816432100.01.T01	Oryzaalexin E synthase
augustus_masked-8-processed-gene-264.16-mRNA-1	Japonica	Japonica		Os08g0508000	OsR498G0816434700.01.T01	
augustus_masked-8-processed-gene-265.12-mRNA-1	Japonica	NA		Os08g0508700	OsR498G0816439300.01.T02	Ethylene signal transcription factor
augustus_masked-8-processed-gene-266.11-mRNA-1	Japonica	Japonica		Os08g0511000	OsR498G0816446900.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-8-processed-gene-266.12-mRNA-1	Japonica	Indica		Os08g0511500	OsR498G0816449300.01.T03	TFIIIS N-terminal domain-containing protein
augustus_masked-8-processed-gene-267.63-mRNA-1	Japonica	NA		Os08g0513400		Calvin cycle protein CP12-3 chloroplastic
augustus_masked-8-processed-gene-269.21-mRNA-1	Japonica	NA		Os08g0517100	OsR498G0816465900.01.T01	LOB domain-containing protein 23
augustus_masked-8-processed-gene-270.44-mRNA-1	Japonica	NA		Os08g0518100		Rab-GAP TBC domain-containing protein
augustus_masked-8-processed-gene-270.46-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os08g0518400		Serine/threonine-protein kinase
augustus_masked-8-processed-gene-270.47-mRNA-1	Japonica	NA		Os08g0518900	OsR498G0816472500.01.T01	Xylanase inhibitor protein 1
augustus_masked-8-processed-gene-271.11-mRNA-1	Japonica	Japonica		Os08g0519800	OsR498G0816477900.01.T01	Pumilio homolog 5
augustus_masked-8-processed-gene-271.12-mRNA-1	Japonica	NA		Os08g0520100		RNA pseudourine synthase 3, mitochondrial
augustus_masked-8-processed-gene-272.52-mRNA-1	Japonica	NA			OsR498G0816484100.01.T01	
augustus_masked-8-processed-gene-273.10-mRNA-1	Japonica	NA			OsR498G0816485800.01.T01	Zinc finger POZ domain protein-like
augustus_masked-8-processed-gene-274.24-mRNA-1	Japonica	NA		Os08g0524400	OsR498G0816491700.01.T01	DOMON domain-containing protein (Fragment)
augustus_masked-8-processed-gene-278.41-mRNA-1	Japonica	NA			OsR498G0816520700.01.T05	Plant-specific TFIIB-related protein PTF2
augustus_masked-8-processed-gene-282.14-mRNA-1	Japonica	Japonica		Os08g0537001	OsR498G0816537900.01.T03	
augustus_masked-8-processed-gene-282.24-mRNA-1	Japonica	NA			OsR498G0816539700.01.T01	
augustus_masked-8-processed-gene-283.51-mRNA-1	Japonica	Indica		Os08g0538100	OsR498G0816542100.01.T01	Glycine--tRNA ligase, mitochondrial 1 (Fragment)
augustus_masked-8-processed-gene-285.24-mRNA-1	Japonica	NA		Os08g0541700		PMEI domain-containing protein
augustus_masked-8-processed-gene-285.26-mRNA-1	Japonica	NA		Os08g0542600	OsR498G0816556100.01.T02	p-Nitrophenyl phosphatase
augustus_masked-8-processed-gene-286.27-mRNA-1	Japonica	Japonica		Os08g0543200	OsR498G0816559700.01.T02	Anthranilate N-benzoyltransferase protein 3
augustus_masked-8-processed-gene-289.12-mRNA-1	Japonica	NA		Os08g0548500	OsR498G0816579100.01.T01	Armadillo repeat only 1
augustus_masked-8-processed-gene-289.16-mRNA-1	Japonica	NA		Os08g0548900	OsR498G0816580100.01.T01	Proteasome endopeptidase complex
augustus_masked-8-processed-gene-290.32-mRNA-1	Japonica	NA		Os08g0549900	OsR498G0816583500.01.T01	
augustus_masked-8-processed-gene-290.33-mRNA-1	Japonica	NA		Os08g0550000		OBG-type G domain-containing protein
augustus_masked-8-processed-gene-290.48-mRNA-1	Japonica	NA		Os08g0550900		
augustus_masked-8-processed-gene-290.51-mRNA-1	Japonica	Japonica		Os08g0551300	OsR498G0816589700.01.T01	
augustus_masked-8-processed-gene-290.53-mRNA-1	Japonica	Japonica		Os08g0551500	OsR498G0816590300.01.T01	
augustus_masked-8-processed-gene-290.57-mRNA-1	Japonica	Japonica		Os08g0552300	OsR498G0816589300.01.T01	
augustus_masked-8-processed-gene-291.32-mRNA-1	Japonica	NA		Os08g0553000	OsR498G0816589300.01.T01	
augustus_masked-8-processed-gene-291.33-mRNA-1	Japonica	NA		Os08g0553000	OsR498G0816589300.01.T01	
augustus_masked-8-processed-gene-291.36-mRNA-1	Japonica	Japonica		Os08g0553050	OsR498G0816588900.01.T01	
augustus_masked-8-processed-gene-291.37-mRNA-1	Japonica	Indica		Os08g0553200	OsR498G0816589300.01.T01	
augustus_masked-8-processed-gene-291.39-mRNA-1	Japonica	Japonica		Os08g0553400	OsR498G0816590300.01.T01	
augustus_masked-8-processed-gene-291.55-mRNA-1	Japonica	Japonica		Os08g0553600	OsR498G0816589700.01.T01	
augustus_masked-8-processed-gene-291.57-mRNA-1	Japonica	Indica		Os08g0552300	OsR498G0816590300.01.T01	
augustus_masked-8-processed-gene-291.62-mRNA-1	Japonica	Japonica		Os08g0554300	OsR498G0816591500.01.T01	Rhamnogalacturonan endolyase
augustus_masked-8-processed-gene-292.19-mRNA-1	Japonica	NA		Os08g0556400	OsR498G0816598100.01.T01	S-acyltransferase
augustus_masked-8-processed-gene-292.20-mRNA-1	Japonica	NA			OsR498G0816598300.01.T01	Peroxin-1
augustus_masked-8-processed-gene-293.69-mRNA-1	Japonica	NA		Os08g0558300	OsR498G0816603700.01.T01	WHY domain-containing protein (Fragment)
augustus_masked-8-processed-gene-295.10-mRNA-1	Japonica	NA		Os08g0561700	OsR498G0816616100.01.T01	Superoxide dismutase

augustus_masked-8-processed-gene-295.11-mRNA-1	Japonica	NA		Os08g0561800	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-8-processed-gene-296.10-mRNA-1	Japonica	Indica		Os05g0437133	OsR498G0816621300.01.T01	Ethylene-responsive transcription factor ERF098
augustus_masked-8-processed-gene-296.23-mRNA-1	Japonica	NA		Os08g0564000	OsR498G0816622500.01.T01	H(+)/Pi cotransporter
augustus_masked-8-processed-gene-296.25-mRNA-1	Japonica	Indica		Os08g0564300	OsR498G0816623900.01.T03	p-glycoprotein 1
augustus_masked-8-processed-gene-296.28-mRNA-1	Japonica	Indica		Os08g0564750	OsR498G0816627100.01.T01	Small acidic protein 2
augustus_masked-8-processed-gene-39.34-mRNA-1	Japonica	NA		Os08g0162200	OsR498G0815251700.01.T02	Pentatricopeptide repeat
augustus_masked-8-processed-gene-39.39-mRNA-1	Japonica	NA		Os08g0162700	OsR498G0815253700.01.T01	PCI domain-containing protein
augustus_masked-8-processed-gene-4.18-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os08g0107000	OsR498G0815041300.01.T01	Disease resistance protein RPP13
augustus_masked-8-processed-gene-40.0-mRNA-1	Japonica	NA		Os08g0164300	OsR498G0815258700.01.T01	DUF569 domain-containing protein
augustus_masked-8-processed-gene-40.19-mRNA-1	Japonica	Japonica		Os08g0165200	OsR498G0815259700.01.T01	Protein kinase domain-containing protein
augustus_masked-8-processed-gene-42.11-mRNA-1	Japonica	NA		Os08g0168932		
augustus_masked-8-processed-gene-44.35-mRNA-1	Japonica	NA		Os08g0173300	OsR498G0815295300.01.T01	
augustus_masked-8-processed-gene-47.11-mRNA-1	Japonica	NA		Os08g0178300	OsR498G0815308500.01.T02	Pre-mRNA-splicing factor of RES complex protein
augustus_masked-8-processed-gene-47.12-mRNA-1	Japonica	Indica		Os08g0178500	OsR498G0815309100.01.T01	Wound induced protein
augustus_masked-8-processed-gene-47.6-mRNA-1	Japonica	NA			OsR498G0815306300.01.T01	
augustus_masked-8-processed-gene-5.49-mRNA-1	Japonica	NA	Kinase-TM	Os08g0109800	OsR498G0815051500.01.T01	Serine/threonine-protein kinase-like protein CCR4
augustus_masked-8-processed-gene-53.22-mRNA-1	Japonica	NA		Os08g0191000	OsR498G0815344900.01.T01	Auxin efflux carrier
augustus_masked-8-processed-gene-56.11-mRNA-1	Japonica	Indica		Os11g0638801	OsR498G0815358900.01.T01	DUF4220 domain-containing protein (Fragment)
augustus_masked-8-processed-gene-57.39-mRNA-1	Japonica	NA				Zinc finger BED domain-containing protein DAYSLEEPER
augustus_masked-8-processed-gene-6.12-mRNA-1	Japonica	NA			OsR498G0203043500.01.T01	
augustus_masked-8-processed-gene-62.18-mRNA-1	Japonica	NA			OsR498G0815389900.01.T01	
augustus_masked-8-processed-gene-63.34-mRNA-1	Japonica	Indica		Os08g0205300	OsR498G0815393500.01.T02	Histone-lysine N-methyltransferase ASHR2
augustus_masked-8-processed-gene-64.2-mRNA-1	Japonica	NA		Os08g0207300		
augustus_masked-8-processed-gene-66.11-mRNA-1	Japonica	NA		Os05g0267732	OsR498G0510213400.01.T01	
augustus_masked-8-processed-gene-75.29-mRNA-1	Japonica	NA				
augustus_masked-8-processed-gene-75.7-mRNA-1	Japonica	Japonica		Os08g0221000	OsR498G0815443700.01.T01	
augustus_masked-8-processed-gene-76.10-mRNA-1	Japonica	NA		Os08g0219100	OsR498G0815449300.01.T01	PMEI domain-containing protein
augustus_masked-8-processed-gene-77.2-mRNA-1	Japonica	NA		Os08g0218700	OsR498G0815450300.01.T01	PMEI domain-containing protein
augustus_masked-8-processed-gene-80.9-mRNA-1	Japonica	NA			OsR498G0815473300.01.T01	BTB/POZ and MATH domain-containing protein 2
augustus_masked-8-processed-gene-81.26-mRNA-1	Japonica	Japonica		Os08g0227400	OsR498G0815478400.01.T01	BTB/POZ and MATH domain-containing protein 1
augustus_masked-8-processed-gene-83.0-mRNA-1	Japonica	NA		Os08g0230200	OsR498G0815484900.01.T02	Ubiquitin-specific protease family C19-related protein
augustus_masked-8-processed-gene-83.1-mRNA-1	Japonica	NA			OsR498G0815485700.01.T01	
augustus_masked-8-processed-gene-87.33-mRNA-1	Japonica	Japonica		Os08g0238100	OsR498G1119809300.01.T02	Pentatricopeptide repeat-containing protein (Fragment)
augustus_masked-8-processed-gene-88.1-mRNA-1	Japonica	Japonica		Os08g0239300	OsR498G0815510700.01.T03	DLH domain-containing protein
augustus_masked-8-processed-gene-88.13-mRNA-1	Japonica	Indica		Os08g0240533	OsR498G0815512300.01.T01	Xyloglucan endotransglucosylase/hydrolase
augustus_masked-8-processed-gene-90.38-mRNA-1	Japonica	NA			OsR498G0815522700.01.T01	rRNA N-glycosidase
augustus_masked-8-processed-gene-93.26-mRNA-1	Japonica	NA	LRR-NBS-TM	Os08g0246300	OsR498G0815530100.01.T01	Disease resistance protein RPM1
augustus_masked-8-processed-gene-94.1-mRNA-1	Japonica	Indica		Os10g0495200	OsR498G0815537100.01.T01	Rf1 protein, mitochondrial, putative, expressed
augustus_masked-8-processed-gene-97.14-mRNA-1	Japonica	NA		Os08g0256700		Protein kinase domain-containing protein
augustus_masked-8-processed-gene-97.16-mRNA-1	Japonica	NA				
augustus_masked-9-processed-gene-106.11-mRNA-1	Japonica	Indica		Os04g0461800	OsR498G0917216400.01.T01	Formin-like protein 2
augustus_masked-9-processed-gene-11.0-mRNA-1	Japonica	NA			OsR498G0916682700.01.T01	VIER F-box protein 1
augustus_masked-9-processed-gene-110.25-mRNA-1	Japonica	NA			OsR498G1119549200.01.T02	
augustus_masked-9-processed-gene-110.29-mRNA-1	Japonica	NA		Os09g0342000	OsR498G0917198400.01.T01	CRIB domain-containing protein
augustus_masked-9-processed-gene-110.30-mRNA-1	Japonica	NA		Os09g0341600	OsR498G0917198200.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-9-processed-gene-111.0-mRNA-1	Japonica	Indica		Os09g0341500	OsR498G0917198000.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-9-processed-gene-114.24-mRNA-1	Japonica	Japonica		Os09g0336500	OsR498G1220975100.01.T01	Zinc knuckle family protein
augustus_masked-9-processed-gene-118.25-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os09g0352000	OsR498G0917242100.01.T03	Putative leucine-rich repeat receptor-like serine/threonine-protein kinase
augustus_masked-9-processed-gene-119.44-mRNA-1	Japonica	NA		Os09g0362500	OsR498G0917249500.01.T02	Aminopeptidase
augustus_masked-9-processed-gene-120.13-mRNA-1	Japonica	NA		Os09g0364000	OsR498G0917253500.01.T01	Zinc finger CCCH domain-containing protein 59
augustus_masked-9-processed-gene-121.10-mRNA-1	Japonica	Indica		Os09g0364800	OsR498G0917256500.01.T01	HMA domain-containing protein (Fragment)
augustus_masked-9-processed-gene-121.19-mRNA-1	Japonica	Japonica	LRR-NBS-TM	Os09g0365300	OsR498G0917259200.01.T01	Protein kinase domain-containing protein
augustus_masked-9-processed-gene-123.14-mRNA-1	Japonica	NA		Os09g0369000	OsR498G0917276700.01.T01	AP domain DRE binding factor
augustus_masked-9-processed-gene-124.0-mRNA-1	Japonica	Japonica		Os09g0369400	OsR498G0917279900.01.T04	Trehalose 6-phosphate phosphatase
augustus_masked-9-processed-gene-124.6-mRNA-1	Japonica	NA		Os09g0370000		
augustus_masked-9-processed-gene-125.36-mRNA-1	Japonica	NA			OsR498G0917285500.01.T01	MFS transporter
augustus_masked-9-processed-gene-126.1-mRNA-1	Japonica	NA		Os09g0373200	OsR498G0917293100.01.T01	Strictosidine synthase 3
augustus_masked-9-processed-gene-127.1-mRNA-1	Japonica	NA		Os03g0154300	OsR498G1119747800.01.T01	RNA-directed RNA polymerase
augustus_masked-9-processed-gene-129.0-mRNA-1	Japonica	NA		Os09g0378700	OsR498G0917310300.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-9-processed-gene-129.20-mRNA-1	Japonica	NA			OsR498G0917313700.01.T05	Acyl-activating enzyme 17
augustus_masked-9-processed-gene-130.19-mRNA-1	Japonica	NA		Os09g0380300		GRAS domain-containing protein (Fragment)

augustus_masked-9-processed-gene-136.0-mRNA-1	Japonica	NA				
augustus_masked-9-processed-gene-142.26-mRNA-1	Japonica	NA				HAT dimerisation domain-containing protein, putative
augustus_masked-9-processed-gene-146.33-mRNA-1	Japonica	Indica		Os09g0410500	OsR498G0917433500.01.T02	Retarded palea 1 protein (Fragment)
augustus_masked-9-processed-gene-147.54-mRNA-1	Japonica	NA		Os09g0412900	OsR498G0917439900.01.T01	Pentatricopeptide repeat
augustus_masked-9-processed-gene-150.22-mRNA-1	Japonica	Indica		Os09g0416600	OsR498G0917456300.01.T01	
augustus_masked-9-processed-gene-150.23-mRNA-1	Japonica	Japonica		Os09g0416800	OsR498G0917457300.01.T01	Poly(A)-specific ribonuclease
augustus_masked-9-processed-gene-150.28-mRNA-1	Japonica	NA		Os09g0417500	OsR498G0917462100.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-9-processed-gene-155.16-mRNA-1	Japonica	NA			OsR498G0917487700.01.T01	Glycylpeptide N-tetradecanoyltransferase
augustus_masked-9-processed-gene-155.4-mRNA-1	Japonica	NA		Os09g0425300		Voltage-dependent T-type calcium channel subunit alpha
augustus_masked-9-processed-gene-157.20-mRNA-1	Japonica	NA			OsR498G0917503500.01.T01	Zinc finger protein 2
augustus_masked-9-processed-gene-160.21-mRNA-1	Japonica	NA		Os09g0433600	OsR498G0917518300.01.T01	Multifunctional fusion protein
augustus_masked-9-processed-gene-160.38-mRNA-1	Japonica	NA		Os09g0434500	OsR498G0917520500.01.T01	EREBP transcription factor
augustus_masked-9-processed-gene-160.39-mRNA-1	Japonica	NA			OsR498G0917522700.01.T01	RNA helicase
augustus_masked-9-processed-gene-161.0-mRNA-1	Japonica	NA			OsR498G0917524700.01.T01	Putative cell death associated protein
augustus_masked-9-processed-gene-161.11-mRNA-1	Japonica	NA				
augustus_masked-9-processed-gene-163.13-mRNA-1	Japonica	NA		Os09g0439600	OsR498G0917538300.01.T01	Exocyst subunit Exo70 family protein (Fragment)
augustus_masked-9-processed-gene-165.9-mRNA-1	Japonica	NA		Os09g0442400	OsR498G0917550500.01.T02	Protein GAMETE EXPRESSED 1
augustus_masked-9-processed-gene-166.15-mRNA-1	Japonica	NA			OsR498G0917553100.01.T01	PAB5 domain-containing protein
augustus_masked-9-processed-gene-167.14-mRNA-1	Japonica	Indica		Os09g0445500	OsR498G0917561300.01.T01	Zinc finger protein GIS
augustus_masked-9-processed-gene-167.17-mRNA-1	Japonica	Japonica		Os09g0445700	OsR498G0917563300.01.T01	Adenosinetriphosphatase
augustus_masked-9-processed-gene-170.23-mRNA-1	Japonica	NA		Os09g0451500	OsR498G0917589100.01.T01	Protein disulfide-isomerase
augustus_masked-9-processed-gene-170.35-mRNA-1	Japonica	NA		Os09g0452400	OsR498G0917591700.01.T01	Aspartic proteinase nepenthesin
augustus_masked-9-processed-gene-170.37-mRNA-1	Japonica	NA			OsR498G0714603300.01.T01	
augustus_masked-9-processed-gene-172.10-mRNA-1	Japonica	NA			OsR498G1119312200.01.T01	
augustus_masked-9-processed-gene-172.11-mRNA-1	Japonica	NA		Os09g0455300	OsR498G0917602900.01.T02	Transcription factor HEC1
augustus_masked-9-processed-gene-173.0-mRNA-1	Japonica	NA		Os09g0456800	OsR498G0917608700.01.T01	Heat shock transcription factor
augustus_masked-9-processed-gene-174.20-mRNA-1	Japonica	Japonica		Os09g0458800	OsR498G0917615900.01.T02	Polcalcin Phl p 7-like
augustus_masked-9-processed-gene-174.25-mRNA-1	Japonica	NA		Os09g0460000	OsR498G0917620100.01.T03	Diphthamide biosynthesis protein 4
augustus_masked-9-processed-gene-174.6-mRNA-1	Japonica	NA		Os09g0458700		Calmodulin-like protein 1
augustus_masked-9-processed-gene-175.15-mRNA-1	Japonica	Japonica		Os09g0461700	OsR498G0917605400.01.T01	Tuliposide A-converting enzyme 2, chloroplastic
augustus_masked-9-processed-gene-175.17-mRNA-1	Japonica	NA		Os09g0462100	OsR498G0917625500.01.T01	Tuliposide A-converting enzyme 1, chloroplastic
augustus_masked-9-processed-gene-175.18-mRNA-1	Japonica	Japonica		Os09g0462300	OsR498G0816299500.01.T01	Tuliposide A-converting enzyme 2, chloroplastic
augustus_masked-9-processed-gene-175.2-mRNA-1	Japonica	NA		Os09g0460300	OsR498G0917621300.01.T01	Tuliposide A-converting enzyme b1, amyloplastic
augustus_masked-9-processed-gene-175.3-mRNA-1	Japonica	Japonica		Os09g0460400	OsR498G0917621300.01.T01	Tuliposide A-converting enzyme b1, amyloplastic
augustus_masked-9-processed-gene-175.5-mRNA-1	Japonica	NA		Os09g0460700	OsR498G0917622300.01.T01	Tuliposide A-converting enzyme 1, chloroplastic
augustus_masked-9-processed-gene-175.6-mRNA-1	Japonica	NA		Os09g0460800	OsR498G0917622500.01.T01	Tuliposide A-converting enzyme b1, amyloplastic
augustus_masked-9-processed-gene-176.18-mRNA-1	Japonica	NA		Os09g0463600	OsR498G0917633900.01.T01	Plant-specific domain TIGR01570 family protein
augustus_masked-9-processed-gene-176.19-mRNA-1	Japonica	NA		Os09g0463700	OsR498G0917634300.01.T02	J domain-containing protein (Fragment)
augustus_masked-9-processed-gene-176.21-mRNA-1	Japonica	NA			OsR498G0917635900.01.T01	
augustus_masked-9-processed-gene-179.1-mRNA-1	Japonica	NA			OsR498G0917653300.01.T01	
augustus_masked-9-processed-gene-181.10-mRNA-1	Japonica	NA		Os09g0473400	OsR498G0917668500.01.T01	PORR domain-containing protein (Fragment)
augustus_masked-9-processed-gene-181.6-mRNA-1	Japonica	NA		Os09g0472700	OsR498G0917666300.01.T01	Blight-associated protein p12
augustus_masked-9-processed-gene-181.7-mRNA-1	Japonica	NA		Os09g0472900	OsR498G0917667700.01.T01	Expansin-like EG45 domain-containing protein (Fragment)
augustus_masked-9-processed-gene-182.22-mRNA-1	Japonica	Indica		Os09g0473600	OsR498G0917669300.01.T01	probable serine/threonine-protein kinase fhkB
augustus_masked-9-processed-gene-182.37-mRNA-1	Japonica	NA			OsR498G0917673500.01.T01	
augustus_masked-9-processed-gene-183.24-mRNA-1	Japonica	NA		Os09g0475800	OsR498G0917678300.01.T01	DNA-binding with one finger protein 22
augustus_masked-9-processed-gene-184.10-mRNA-1	Japonica	Indica		Os09g0517800	OsR498G0917689100.01.T06	F-box domain-containing protein
augustus_masked-9-processed-gene-185.10-mRNA-1	Japonica	Japonica		Os09g0480200	OsR498G0917693300.01.T01	Putative chalcone synthase
augustus_masked-9-processed-gene-185.15-mRNA-1	Japonica	NA			OsR498G0917695700.01.T01	BURP domain-containing protein 15
augustus_masked-9-processed-gene-186.43-mRNA-1	Japonica	Indica		Os09g0481600	OsR498G0917698300.01.T01	AAA domain-containing protein (Fragment)
augustus_masked-9-processed-gene-186.44-mRNA-1	Japonica	NA				Polyubiquitin 9
augustus_masked-9-processed-gene-186.58-mRNA-1	Japonica	NA		Os09g0482700		Heat shock protein 81-3
augustus_masked-9-processed-gene-187.20-mRNA-1	Japonica	NA		Os09g0483300	OsR498G0917709300.01.T01	Calcium-binding EF hand family protein
augustus_masked-9-processed-gene-188.10-mRNA-1	Japonica	NA	Kinase-TM	Os09g0486700	OsR498G0917718500.01.T01	Serine/threonine-protein kinase UCNL
augustus_masked-9-processed-gene-188.5-mRNA-1	Japonica	NA		Os06g0612300		Zinc finger protein WIP2
augustus_masked-9-processed-gene-190.13-mRNA-1	Japonica	NA		Os09g0491756	OsR498G0917732900.01.T04	Splicing factor U2af small subunit A
augustus_masked-9-processed-gene-193.57-mRNA-1	Japonica	Indica		Os09g0498100	OsR498G0917746500.01.T10	30S ribosomal protein S16-2 chloroplastic/mitochondrial
augustus_masked-9-processed-gene-194.40-mRNA-1	Japonica	Indica		Os02g0179600	OsR498G0917753100.01.T01	
augustus_masked-9-processed-gene-195.0-mRNA-1	Japonica	Indica		Os08g0524400	OsR498G0917755900.01.T01	DOMON domain-containing protein (Fragment)
augustus_masked-9-processed-gene-195.16-mRNA-1	Japonica	NA			OsR498G0917761100.01.T01	Chloroplastic quinone-oxidoreductase
augustus_masked-9-processed-gene-195.19-mRNA-1	Japonica	NA		Os09g0503400	OsR498G0917762300.01.T01	Leucyl-tRNA synthetase

augustus_masked-9-processed-gene-197.76-mRNA-1	Japonica	NA		Os09g0507100	OsR498G0917772100.01.T04	SBP-box family member protein (Fragment)
augustus_masked-9-processed-gene-199.17-mRNA-1	Japonica	NA			OsR498G0917786700.01.T01	
augustus_masked-9-processed-gene-199.18-mRNA-1	Japonica	NA			OsR498G0917787300.01.T01	
augustus_masked-9-processed-gene-20.15-mRNA-1	Japonica	NA				Ankyrin repeat protein-like
augustus_masked-9-processed-gene-203.27-mRNA-1	Japonica	Indica		Os09g0517800	OsR498G0917804100.01.T01	F-box domain-containing protein
augustus_masked-9-processed-gene-203.37-mRNA-1	Japonica	Japonica		Os09g0518000	OsR498G0917804500.01.T01	Glycosyltransferase
augustus_masked-9-processed-gene-205.19-mRNA-1	Japonica	NA		Os09g0522800	OsR498G0917819100.01.T01	
augustus_masked-9-processed-gene-208.35-mRNA-1	Japonica	NA			OsR498G0917840100.01.T02	SH3 and multiple ankyrin repeat domains protein 1
augustus_masked-9-processed-gene-209.0-mRNA-1	Japonica	NA		Os09g0529900	OsR498G0917840500.01.T01	Rhodanese-like domain-containing protein 14, chloroplastic
augustus_masked-9-processed-gene-21.2-mRNA-1	Japonica	NA		Os02g0212975	OsR498G0305421900.01.T01	Kinesin-like protein KIN-14G
augustus_masked-9-processed-gene-211.43-mRNA-1	Japonica	Indica		Os11g0138300	OsR498G0917856700.01.T01	Cytochrome P450 family protein, expressed
augustus_masked-9-processed-gene-212.1-mRNA-1	Japonica	NA		Os09g0535400	OsR498G0917860300.01.T01	Collagen, type IV, alpha 5
augustus_masked-9-processed-gene-212.2-mRNA-1	Japonica	Indica		Os07g0593400	OsR498G0917860900.01.T02	WPP domain-containing protein
augustus_masked-9-processed-gene-212.5-mRNA-1	Japonica	NA		Os09g0536200	OsR498G0917863900.01.T01	Armadillo repeat only 1
augustus_masked-9-processed-gene-213.15-mRNA-1	Japonica	NA		Os09g0538750	OsR498G0917877500.01.T01	DUF632 domain-containing protein (Fragment)
augustus_masked-9-processed-gene-213.19-mRNA-1	Japonica	NA			OsR498G0203810500.01.T01	
augustus_masked-9-processed-gene-214.48-mRNA-1	Japonica	NA			OsR498G0917884900.01.T01	
augustus_masked-9-processed-gene-215.28-mRNA-1	Japonica	NA			OsR498G0917893100.01.T01	
augustus_masked-9-processed-gene-215.29-mRNA-1	Japonica	NA		Os09g0543900	OsR498G0917894100.01.T01	Putrescine hydroxycinnamoyltransferase
augustus_masked-9-processed-gene-218.34-mRNA-1	Japonica	NA			OsR498G0917910900.01.T01	F-box domain-containing protein
augustus_masked-9-processed-gene-218.56-mRNA-1	Japonica	NA			OsR498G0917916500.01.T03	BED-type domain-containing protein
augustus_masked-9-processed-gene-22.21-mRNA-1	Japonica	Japonica		Os09g0126600	OsR498G0916735500.01.T01	Tyrosine specific protein phosphatase-like
augustus_masked-9-processed-gene-220.58-mRNA-1	Japonica	Indica		Os09g0553800	OsR498G0917928900.01.T01	Ecotropic viral integration site protein
augustus_masked-9-processed-gene-220.59-mRNA-1	Japonica	NA		Os09g0553900		Plastid movement impaired protein
augustus_masked-9-processed-gene-221.53-mRNA-1	Japonica	NA		Os09g0555150	OsR498G0917933500.01.T01	Sulfotransferase
augustus_masked-9-processed-gene-221.55-mRNA-1	Japonica	NA		Os09g0555300	OsR498G0917934300.01.T01	F-box/kelch-repeat protein At5g42360
augustus_masked-9-processed-gene-221.56-mRNA-1	Japonica	NA			OsR498G0917934700.01.T01	
augustus_masked-9-processed-gene-223.14-mRNA-1	Japonica	NA		Os09g0558200	OsR498G0917943500.01.T01	Transcription factor
augustus_masked-9-processed-gene-223.18-mRNA-1	Japonica	Indica		Os09g0559600	OsR498G0917946500.01.T02	Thioredoxin domain-containing protein
augustus_masked-9-processed-gene-225.0-mRNA-1	Japonica	NA	Kinase-TM WAK92	Os09g0562600	OsR498G0917953300.01.T02	Wall-associated receptor kinase 3
augustus_masked-9-processed-gene-225.13-mRNA-1	Japonica	NA		Os05g0116600	OsR498G0509609000.01.T01	F-box protein interaction domain containing protein
augustus_masked-9-processed-gene-227.15-mRNA-1	Japonica	Japonica		Os09g0565700	OsR498G0917961300.01.T03	Arogenate dehydratase
augustus_masked-9-processed-gene-227.17-mRNA-1	Japonica	Japonica		Os09g0566000	OsR498G0917961300.01.T03	Arogenate dehydratase
augustus_masked-9-processed-gene-228.76-mRNA-1	Japonica	NA		Os09g0569100	OsR498G0917971500.01.T01	Genetic modifier
augustus_masked-9-processed-gene-229.63-mRNA-1	Japonica	Japonica		Os09g0570800	OsR498G0816609100.01.T01	feruloyl CoA ortho-hydroxylase 2
augustus_masked-9-processed-gene-229.64-mRNA-1	Japonica	NA		Os09g0571100	OsR498G0917977900.01.T01	Pectinesterase
augustus_masked-9-processed-gene-229.68-mRNA-1	Japonica	NA		Os09g0572000	OsR498G0917980300.01.T01	Ethylene-responsive transcription factor 15
augustus_masked-9-processed-gene-230.0-mRNA-1	Japonica	NA		Os09g0572200	OsR498G0917980900.01.T03	P-loop NTPase domain-containing protein LPA1
augustus_masked-9-processed-gene-230.10-mRNA-1	Japonica	NA		Os09g0572700	OsR498G0917982900.01.T01	Phytoecyanin domain-containing protein
augustus_masked-9-processed-gene-24.35-mRNA-1	Japonica	NA			OsR498G0917242300.01.T01	
augustus_masked-9-processed-gene-26.17-mRNA-1	Japonica	NA	LRR-TM	Os09g0131200		Receptor like protein 44 isoform 2
augustus_masked-9-processed-gene-26.21-mRNA-1	Japonica	NA		Os07g0562400	OsR498G0714577900.01.T01	MFS domain-containing protein (Fragment)
augustus_masked-9-processed-gene-26.5-mRNA-1	Japonica	NA			OsR498G0916747900.01.T01	
augustus_masked-9-processed-gene-28.17-mRNA-1	Japonica	NA		Os09g0132200	OsR498G0916754500.01.T01	GDSL-motif lipase/hydrolase-like
augustus_masked-9-processed-gene-30.9-mRNA-1	Japonica	Indica		Os09g0135400	OsR498G0916767700.01.T01	Receptor kinase
augustus_masked-9-processed-gene-35.25-mRNA-1	Japonica	NA		Os09g0241550	OsR498G0916787100.01.T01	F-box domain containing protein, expressed
augustus_masked-9-processed-gene-37.10-mRNA-1	Japonica	Japonica		Os09g0244600	OsR498G1019219100.01.T02	
augustus_masked-9-processed-gene-4.14-mRNA-1	Japonica	NA		Os09g0102300		DNA-binding storekeeper protein-related
augustus_masked-9-processed-gene-45.19-mRNA-1	Japonica	NA			OsR498G0916838100.01.T05	Exosome complex component RRP41
augustus_masked-9-processed-gene-46.10-mRNA-1	Japonica	Indica		Os09g0258700	OsR498G0916851500.01.T01	Bidirectional sugar transporter SWEET
augustus_masked-9-processed-gene-47.13-mRNA-1	Japonica	NA		Os09g0255900	OsR498G0916844700.01.T01	
augustus_masked-9-processed-gene-47.9-mRNA-1	Japonica	NA			OsR498G0511259700.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus_masked-9-processed-gene-48.0-mRNA-1	Japonica	NA		Os09g0256100	OsR498G0916845900.01.T01	Sulfotransferase
augustus_masked-9-processed-gene-5.28-mRNA-1	Japonica	NA		Os09g0103700	OsR498G0916647700.01.T01	CAX-interacting protein 4
augustus_masked-9-processed-gene-55.25-mRNA-1	Japonica	Indica	Kinase-TM	Os07g0283125	OsR498G0916878900.01.T01	Lectin-domain containing receptor kinase A4.2
augustus_masked-9-processed-gene-56.0-mRNA-1	Japonica	NA			OsR498G0916880300.01.T01	
augustus_masked-9-processed-gene-56.17-mRNA-1	Japonica	NA			OsR498G0407871400.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-9-processed-gene-62.16-mRNA-1	Japonica	NA			OsR498G0916902900.01.T01	
augustus_masked-9-processed-gene-63.28-mRNA-1	Japonica	NA			OsR498G0916907500.01.T01	
augustus_masked-9-processed-gene-77.12-mRNA-1	Japonica	Indica		Os07g0559700	OsR498G0917012900.01.T01	Sugar carrier protein C
augustus_masked-9-processed-gene-82.11-mRNA-1	Japonica	NA		Os09g0304500	OsR498G0917038900.01.T01	

augustus_masked-9-processed-gene-92.16-mRNA-1	Japonica	NA			OsR498G0917242300.01.T01	
augustus_masked-9-processed-gene-95.31-mRNA-1	Japonica	NA				
augustus_masked-9-processed-gene-96.18-mRNA-1	Japonica	NA		Os09g0324300	OsR498G0917155300.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-9-processed-gene-96.19-mRNA-1	Japonica	NA		Os09g0324400	OsR498G0917155900.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-9-processed-gene-96.2-mRNA-1	Japonica	NA		Os09g0324200	OsR498G0917154900.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-9-processed-gene-96.23-mRNA-1	Japonica	NA		Os09g0325700	OsR498G0917159900.01.T01	Protein-serine/threonine phosphatase
augustus_masked-9-processed-gene-97.17-mRNA-1	Japonica	NA		Os09g0326800	OsR498G0917161300.01.T01	26S proteasome non-ATPase regulatory subunit 2 A
augustus_masked-9-processed-gene-98.4-mRNA-1	Japonica	NA		Os09g0326900	OsR498G0917161700.01.T06	W2 domain-containing protein (Fragment)
augustus_masked-9-processed-gene-99.19-mRNA-1	Japonica	NA		Os09g0329000	OsR498G0917165300.01.T01	BURP domain-containing protein 14
maker-1-augustus-gene-1.12-mRNA-1	Japonica	NA		Os01g0100500	OsR498G0100001700.01.T05	Monocopper oxidase-like protein SKU5
maker-1-augustus-gene-1.16-mRNA-1	Japonica	NA		Os01g0100600	OsR498G0100002100.01.T01	SUZ domain-containing protein (Fragment)
maker-1-augustus-gene-1.20-mRNA-1	Japonica	NA		Os01g0100700	OsR498G0100002300.01.T01	40S ribosomal protein like
maker-1-augustus-gene-1.22-mRNA-1	Japonica	NA				Putative 1-phosphatidylinositol-3-phosphate 5-kinase FAB1C
maker-1-augustus-gene-1.29-mRNA-1	Japonica	NA		Os01g0100900	OsR498G0100003100.01.T01	Sphingosine-1-phosphate lyase
maker-1-augustus-gene-1.3-mRNA-1	Japonica	Indica		Os01g0100100	OsR498G0100000700.01.T01	Rab-GAP TBC domain-containing protein
maker-1-augustus-gene-1.34-mRNA-1	Japonica	NA		Os01g0101200		probable bifunctional methylthioribulose-1-phosphate dehydratase/enolase
maker-1-augustus-gene-1.47-mRNA-1	Japonica	NA		Os01g0101300	OsR498G0100004600.01.T01	Snurportin-1
maker-1-augustus-gene-1.8-mRNA-1	Japonica	Indica		Os01g0100400	OsR498G0100001500.01.T01	Monocopper oxidase-like protein SKU5
maker-1-augustus-gene-10.45-mRNA-1	Japonica	NA		Os01g0119500	OsR498G0100063300.01.T02	
maker-1-augustus-gene-10.47-mRNA-1	Japonica	Indica		Os01g0118400	OsR498G0100059400.01.T01	Glycosyltransferase family 61 protein
maker-1-augustus-gene-10.50-mRNA-1	Japonica	NA		Os01g0118600	OsR498G0100060400.01.T01	Putative glycosyltransferase AGO61
maker-1-augustus-gene-10.53-mRNA-1	Japonica	NA		Os01g0118700	OsR498G0100060600.01.T01	Glycosyltransferase, HGA-like, expressed
maker-1-augustus-gene-10.57-mRNA-1	Japonica	NA		Os01g0119000	OsR498G0100061000.01.T01	Putative glycosyltransferase AGO61
maker-1-augustus-gene-10.59-mRNA-1	Japonica	Indica		Os01g0119100	OsR498G0100062400.01.T02	protein O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase 2-like
maker-1-augustus-gene-100.0-mRNA-1	Japonica	NA		Os01g0279300	OsR498G0100066800.01.T01	Calmodulin
maker-1-augustus-gene-100.10-mRNA-1	Japonica	NA		Os12g0170100	OsR498G01000672300.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-1-augustus-gene-100.13-mRNA-1	Japonica	NA		Os01g0279400	OsR498G01000669200.01.T01	MFS domain-containing protein
maker-1-augustus-gene-100.2-mRNA-1	Japonica	NA		Os01g0279700	OsR498G01000670100.01.T03	Probable anion transporter 1, chloroplastic
maker-1-augustus-gene-100.20-mRNA-1	Japonica	NA	LRR-TM	Os01g0279800	OsR498G01000670400.01.T01	Somatic embryoproteins receptor kinase 5
maker-1-augustus-gene-100.23-mRNA-1	Japonica	NA		Os01g0280000	OsR498G01000671400.01.T02	Cell death-related nuclease 4
maker-1-augustus-gene-100.27-mRNA-1	Japonica	NA		Os01g0280500	OsR498G01000672600.01.T01	Eukaryotic translation initiation factor 6
maker-1-augustus-gene-100.6-mRNA-1	Japonica	NA		Os01g0279900	OsR498G01000671100.01.T04	Transcription factor TGAL1
maker-1-augustus-gene-101.0-mRNA-1	Japonica	NA		Os01g0281000	OsR498G01000674900.01.T01	F-box family protein isoform 1
maker-1-augustus-gene-101.13-mRNA-1	Japonica	NA		Os01g0281600	OsR498G01000676600.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-1-augustus-gene-101.3-mRNA-1	Japonica	Indica		Os01g0281100	OsR498G01000675200.01.T01	
maker-1-augustus-gene-101.7-mRNA-1	Japonica	Indica		Os01g0281200	OsR498G01000675400.01.T01	Cyclin N-terminal domain-containing protein
maker-1-augustus-gene-101.9-mRNA-1	Japonica	Indica		Os11g0174000	OsR498G01000676000.01.T02	Coatomer subunit beta
maker-1-augustus-gene-102.0-mRNA-1	Japonica	NA		Os01g0283100	OsR498G01000679900.01.T01	Gamma carbonic anhydrase 1 mitochondrial
maker-1-augustus-gene-102.10-mRNA-1	Japonica	NA		Os01g0282800	OsR498G01000678600.01.T01	Tubulin beta chain
maker-1-augustus-gene-102.12-mRNA-1	Japonica	NA		Os01g0283000	OsR498G01000679800.01.T02	Nucleotide-diphospho-sugar transferase
maker-1-augustus-gene-102.14-mRNA-1	Japonica	NA		Os01g0283500	OsR498G01000681000.01.T01	Rhomboid-like protein 14, mitochondrial
maker-1-augustus-gene-102.16-mRNA-1	Japonica	NA		Os01g0284500	OsR498G01000684800.01.T01	Germin-like protein 1-1
maker-1-augustus-gene-102.5-mRNA-1	Japonica	NA		Os01g0283600	OsR498G01000681500.01.T01	Epimerase domain-containing protein (Fragment)
maker-1-augustus-gene-102.8-mRNA-1	Japonica	NA		Os01g0283700	OsR498G01000683300.01.T01	Epimerase domain-containing protein (Fragment)
maker-1-augustus-gene-103.44-mRNA-1	Japonica	Indica		Os05g0103200	OsR498G01000687900.01.T04	Peptidyl-prolyl cis-trans isomerase
maker-1-augustus-gene-103.47-mRNA-1	Japonica	NA				
maker-1-augustus-gene-103.51-mRNA-1	Japonica	NA		Os01g0284900	OsR498G01000688400.01.T01	Bromodomain adjacent to zinc finger domain protein 2B-like
maker-1-augustus-gene-103.53-mRNA-1	Japonica	NA			OsR498G01000689400.01.T01	Berberine bridge enzyme-like 27
maker-1-augustus-gene-103.55-mRNA-1	Japonica	NA		Os01g0285300	OsR498G01000690200.01.T01	Transcription factor MYB61
maker-1-augustus-gene-103.58-mRNA-1	Japonica	NA		Os01g0286100	OsR498G01000694000.01.T01	Transcription factor APG
maker-1-augustus-gene-104.0-mRNA-1	Japonica	NA		Os01g0286600	OsR498G01000695700.01.T01	Chloroplast protoporphyrinogen IX oxidase
maker-1-augustus-gene-104.10-mRNA-1	Japonica	NA		Os01g0287600	OsR498G01000702400.01.T01	Class II chitinase
maker-1-augustus-gene-104.12-mRNA-1	Japonica	NA			OsR498G01000702600.01.T08	
maker-1-augustus-gene-104.6-mRNA-1	Japonica	Indica		Os01g0286900	OsR498G01000698500.01.T01	Auxin-responsive protein IAA4
maker-1-augustus-gene-104.8-mRNA-1	Japonica	Indica		Os06g0620000	OsR498G01000695400.01.T01	
maker-1-augustus-gene-105.0-mRNA-1	Japonica	NA		Os01g0288200		Phosphatase methylesterase 1
maker-1-augustus-gene-105.3-mRNA-1	Japonica	NA		Os03g0114600	OsR498G0612855600.01.T01	Transposable element protein, putative, MuDR
maker-1-augustus-gene-106.0-mRNA-1	Japonica	NA			OsR498G01000708900.01.T01	WRKY transcription factor
maker-1-augustus-gene-106.1-mRNA-1	Japonica	NA		Os01g0289900		Anthocyanin 5-aromatic acyltransferase
maker-1-augustus-gene-106.3-mRNA-1	Japonica	NA		Os01g0290000		Retrotransposon protein SINE subclass
maker-1-augustus-gene-106.5-mRNA-1	Japonica	NA		Os01g0290300		Putative HAT, C-terminal dimerization domain-containing protein

maker-1-augustus-gene-106.7-mRNA-1	Japonica	NA			OsR498G0100712200.01.T02	ABC transporter B family member 4
maker-1-augustus-gene-107.29-mRNA-1	Japonica	NA	Kinase-TM	Os01g0292200	OsR498G0100720500.01.T01	Non-specific serine/threonine protein kinase
maker-1-augustus-gene-107.39-mRNA-1	Japonica	NA		Os01g0291500	OsR498G0100715000.01.T01	Acyl transferase 4
maker-1-augustus-gene-108.0-mRNA-1	Japonica	NA		Os01g0292900	OsR498G0100721700.01.T06	SBP-type domain-containing protein
maker-1-augustus-gene-108.11-mRNA-1	Japonica	Japonica		Os01g0293900	OsR498G0100724000.01.T01	Peroxidase
maker-1-augustus-gene-108.13-mRNA-1	Japonica	Indica		Os01g0294700	OsR498G0100725400.01.T01	Peroxidase
maker-1-augustus-gene-108.15-mRNA-1	Japonica	Indica		Os05g0134800	OsR498G0100725400.01.T01	Peroxidase
maker-1-augustus-gene-108.17-mRNA-1	Japonica	NA		Os01g0294700	OsR498G0100726000.01.T01	Peroxidase
maker-1-augustus-gene-108.5-mRNA-1	Japonica	NA		Os01g0293100	OsR498G0100722600.01.T01	Transcription factor TIP2
maker-1-augustus-gene-108.7-mRNA-1	Japonica	NA		Os07g0157000	OsR498G0100723800.01.T01	Peroxidase
maker-1-augustus-gene-109.10-mRNA-1	Japonica	Japonica		Os01g0296200	OsR498G0100728900.01.T01	Polygalacturonase
maker-1-augustus-gene-109.14-mRNA-1	Japonica	NA			OsR498G0100727400.01.T01	Protein kinase domain-containing protein
maker-1-augustus-gene-109.17-mRNA-1	Japonica	NA		Os01g0295700	OsR498G0100727600.01.T01	Protein-serine/threonine phosphatase
maker-1-augustus-gene-109.26-mRNA-1	Japonica	NA	Kinase-TM	Os01g0296000	OsR498G0100728600.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-109.5-mRNA-1	Japonica	NA	Kinase-TM	Os01g0296100	OsR498G0100728700.01.T04	Non-specific serine/threonine protein kinase
maker-1-augustus-gene-11.42-mRNA-1	Japonica	NA			OsR498G0100063700.01.T01	Ubiquitin-like domain-containing protein
maker-1-augustus-gene-11.44-mRNA-1	Japonica	NA			OsR498G0100063900.01.T01	Ubiquitin-like domain-containing protein
maker-1-augustus-gene-110.50-mRNA-1	Japonica	Indica		Os01g0296700	OsR498G0100730500.01.T01	Beta-xylosidasealpha-l-arabinofuranosidase 1
maker-1-augustus-gene-110.52-mRNA-1	Japonica	Japonica		Os01g0296900	OsR498G0100730900.01.T01	Adenosinetriphosphatase
maker-1-augustus-gene-110.55-mRNA-1	Japonica	NA		Os01g0297200	OsR498G0100731500.01.T01	Adenosinetriphosphatase
maker-1-augustus-gene-110.57-mRNA-1	Japonica	NA		Os01g0297700	OsR498G0100733500.01.T02	
maker-1-augustus-gene-110.59-mRNA-1	Japonica	NA			OsR498G1222106000.01.T03	
maker-1-augustus-gene-110.60-mRNA-1	Japonica	NA		Os04g0564200	OsR498G1222106000.01.T02	TPX2 domain-containing protein
maker-1-augustus-gene-111.0-mRNA-1	Japonica	NA			OsR498G0100736700.01.T01	Pentatricopeptide repeat-containing protein
maker-1-augustus-gene-111.13-mRNA-1	Japonica	Japonica		Os01g0299100	OsR498G02002947900.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-1-augustus-gene-111.16-mRNA-1	Japonica	Japonica		Os01g0299300	OsR498G0100737000.01.T01	Acyltransferase family protein, expressed
maker-1-augustus-gene-111.18-mRNA-1	Japonica	Indica		Os01g0299500	OsR498G0100737600.01.T03	PAB-dependent poly(A)-specific ribonuclease
maker-1-augustus-gene-111.2-mRNA-1	Japonica	NA		Os01g0299400	OsR498G0100737300.01.T01	IGR protein motif
maker-1-augustus-gene-111.21-mRNA-1	Japonica	NA		Os01g0300200	OsR498G0100740400.01.T01	ATP citrate synthase
maker-1-augustus-gene-111.28-mRNA-1	Japonica	NA			OsR498G0100742000.01.T01	Carbohydrate-binding-like fold
maker-1-augustus-gene-112.30-mRNA-1	Japonica	NA		Os01g0300900	OsR498G0100743700.01.T01	Rab9 effector protein with kelch motifs
maker-1-augustus-gene-112.33-mRNA-1	Japonica	NA		Os01g0301000	OsR498G0100744000.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-1-augustus-gene-112.35-mRNA-1	Japonica	Japonica		Os01g0301500	OsR498G0100745200.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-1-augustus-gene-112.37-mRNA-1	Japonica	NA		Os01g0301700	OsR498G0100745600.01.T02	Pentatricopeptide repeat-containing protein
maker-1-augustus-gene-112.39-mRNA-1	Japonica	NA		Os01g0301900		
maker-1-augustus-gene-113.37-mRNA-1	Japonica	NA				Knotted1-like homeodomain protein liguleless3 (Fragment)
maker-1-augustus-gene-113.39-mRNA-1	Japonica	NA		Os01g0303200	OsR498G0100750500.01.T05	
maker-1-augustus-gene-113.45-mRNA-1	Japonica	NA		Os01g0303800	OsR498G0100752500.01.T04	USP-like protein isoform 3
maker-1-augustus-gene-113.48-mRNA-1	Japonica	Indica		Os03g0305600	OsR498G0100750800.01.T02	Outer envelope pore protein like
maker-1-augustus-gene-113.53-mRNA-1	Japonica	NA		Os01g0303600	OsR498G0100751600.01.T01	RING-CH-type domain-containing protein
maker-1-augustus-gene-114.0-mRNA-1	Japonica	Indica		Os05g0531500	OsR498G0100753700.01.T01	Inner membrane protein oxaA
maker-1-augustus-gene-114.3-mRNA-1	Japonica	NA				Endosulphine
maker-1-augustus-gene-114.8-mRNA-1	Japonica	NA			OsR498G0100753400.01.T02	Cation-chloride cotransporter 1
maker-1-augustus-gene-115.3-mRNA-1	Japonica	NA		Os01g0306800	OsR498G0100761500.01.T03	4-hydroxy-3-methylbut-2-enyl diphosphatereductase
maker-1-augustus-gene-115.9-mRNA-1	Japonica	NA		Os01g0306900	OsR498G0100762200.01.T01	
maker-1-augustus-gene-116.31-mRNA-1	Japonica	NA	LRR-NBS-TM	Os01g0308300	OsR498G0100770300.01.T01	Putative NB-ARC domain-containing protein (Fragment)
maker-1-augustus-gene-116.33-mRNA-1	Japonica	NA		Os01g0307500	OsR498G0100765000.01.T01	High affinity potassium transporter 2
maker-1-augustus-gene-116.35-mRNA-1	Japonica	Indica		Os05g0357800	OsR498G0100767800.01.T04	Lysophospholipid acyltransferase LPEAT1
maker-1-augustus-gene-116.40-mRNA-1	Japonica	NA			OsR498G0100768200.01.T01	Embryonic abundant protein-like
maker-1-augustus-gene-117.0-mRNA-1	Japonica	NA		Os01g0309800	OsR498G0100775700.01.T02	HMA domain-containing protein
maker-1-augustus-gene-117.2-mRNA-1	Japonica	NA		Os01g0309900	OsR498G0100776100.01.T01	Mono-/di-acylglycerol lipase N-terminal
maker-1-augustus-gene-118.0-mRNA-1	Japonica	Japonica	Kinase-TM	Os01g0310400	OsR498G0100776900.01.T03	Wall-associated receptor kinase 5
maker-1-augustus-gene-118.12-mRNA-1	Japonica	Japonica		Os01g0311500	OsR498G0100779100.01.T02	Dual specificity protein phosphatase PHS1
maker-1-augustus-gene-118.18-mRNA-1	Japonica	NA		Os01g0311700	OsR498G0100779700.01.T01	Pectin methyl esterase inhibitor
maker-1-augustus-gene-118.20-mRNA-1	Japonica	NA			OsR498G0100776800.01.T04	Phospholipase D
maker-1-augustus-gene-118.27-mRNA-1	Japonica	NA		Os01g0311800	OsR498G0100780000.01.T01	Pectinesterase
maker-1-augustus-gene-118.4-mRNA-1	Japonica	Japonica		Os01g0310500	OsR498G0409269800.01.T05	Protein kinase domain-containing protein
maker-1-augustus-gene-118.6-mRNA-1	Japonica	Indica	Kinase-TM	Os01g0310400	OsR498G0100778100.01.T02	PT11-like tyrosine-protein kinase 3
maker-1-augustus-gene-119.0-mRNA-1	Japonica	Indica		Os01g0312500	OsR498G0100781700.01.T01	Pectinesterase
maker-1-augustus-gene-119.10-mRNA-1	Japonica	NA				Peripheral subunit-binding (PSBD) domain-containing protein (Fragment)
maker-1-augustus-gene-119.14-mRNA-1	Japonica	NA		Os01g0314300	OsR498G0100786800.01.T01	MCT-1 like PUA RNA binding-domain containing protein

maker-1-augustus-gene-119.4-mRNA-1	Japonica	NA		Os01g0312800	OsR498G0100782500.01.T01	Endoglucanase
maker-1-augustus-gene-119.6-mRNA-1	Japonica	NA		Os01g0313300	OsR498G0100785100.01.T01	Ethylene-responsive transcription factor 1
maker-1-augustus-gene-119.8-mRNA-1	Japonica	NA			OsR498G0100786200.01.T01	Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase
maker-1-augustus-gene-120.24-mRNA-1	Japonica	Indica		Os05g0363100	OsR498G0100791300.01.T02	Caffeoylshikimate esterase
maker-1-augustus-gene-120.31-mRNA-1	Japonica	Indica		Os01g0314800	OsR498G0100789400.01.T01	Indole-3-acetic acid-induced protein ARG2-like
maker-1-augustus-gene-120.33-mRNA-1	Japonica	NA		Os01g0315800	OsR498G0100791600.01.T01	UDP-glucuronic acid decarboxylase
maker-1-augustus-gene-121.0-mRNA-1	Japonica	NA		Os01g0316600	OsR498G0100794100.01.T01	Serine/arginine-rich-splicing factor SR34
maker-1-augustus-gene-121.16-mRNA-1	Japonica	NA		Os01g0316500	OsR498G0100793800.01.T02	LVR motif-containing protein 7 isoform 2
maker-1-augustus-gene-121.9-mRNA-1	Japonica	Indica		Os01g0316900	OsR498G0100795100.01.T03	
maker-1-augustus-gene-122.35-mRNA-1	Japonica	NA			OsR498G0100800300.01.T03	Protein ABC transporter 1 mitochondrial
maker-1-augustus-gene-122.40-mRNA-1	Japonica	NA		Os01g0319000	OsR498G0100800900.01.T01	Pectin acetyltransferase
maker-1-augustus-gene-122.45-mRNA-1	Japonica	NA			OsR498G0100801300.01.T01	
maker-1-augustus-gene-122.47-mRNA-1	Japonica	NA		Os01g0319200	OsR498G0100803600.01.T01	
maker-1-augustus-gene-123.24-mRNA-1	Japonica	NA		Os01g0320400	OsR498G0100809600.01.T01	
maker-1-augustus-gene-124.0-mRNA-1	Japonica	NA		Os01g0321800	OsR498G0100814500.01.T01	NEFA-interacting nuclear protein NIP30
maker-1-augustus-gene-124.14-mRNA-1	Japonica	NA		Os01g0321700	OsR498G0100814400.01.T01	Protein transport protein SEC23
maker-1-augustus-gene-124.17-mRNA-1	Japonica	NA		Os01g0322800	OsR498G0100817200.01.T01	Suppressor of mec-8 and unc-52 protein 1
maker-1-augustus-gene-124.2-mRNA-1	Japonica	NA	Kinase-TM	Os01g0323000	OsR498G0100818500.01.T02	Serine/threonine protein kinase
maker-1-augustus-gene-124.7-mRNA-1	Japonica	NA				Chloroplast protein-transporting ATPase
maker-1-augustus-gene-125.0-mRNA-1	Japonica	NA		Os01g0323300		CRS2-associated factor 2, chloroplastic
maker-1-augustus-gene-125.5-mRNA-1	Japonica	NA				Sulfotransferase
maker-1-augustus-gene-125.7-mRNA-1	Japonica	NA	Kinase-TM	Os01g0323100	OsR498G0100818800.01.T01	Pto-interacting protein 1
maker-1-augustus-gene-125.9-mRNA-1	Japonica	NA			OsR498G0100824600.01.T01	
maker-1-augustus-gene-126.0-mRNA-1	Japonica	NA		Os01g0326000	OsR498G0100830700.01.T01	Peroxidase
maker-1-augustus-gene-126.2-mRNA-1	Japonica	NA		Os01g0326100	OsR498G0100832100.01.T01	Peroxidase
maker-1-augustus-gene-126.3-mRNA-1	Japonica	Indica		Os01g0326000	OsR498G0100832100.01.T01	Peroxidase
maker-1-augustus-gene-127.0-mRNA-1	Japonica	Japonica		Os01g0327000	OsR498G0100832700.01.T01	Peroxidase
maker-1-augustus-gene-127.10-mRNA-1	Japonica	NA			OsR498G0100834200.01.T07	Putative inactive serine/threonine-protein kinase lvsG
maker-1-augustus-gene-127.14-mRNA-1	Japonica	Japonica		Os01g0327900	OsR498G0100834400.01.T01	DUF295 domain-containing protein
maker-1-augustus-gene-127.3-mRNA-1	Japonica	NA		Os01g0327100	OsR498G0100833100.01.T01	Peroxidase
maker-1-augustus-gene-127.5-mRNA-1	Japonica	NA		Os01g0327400	OsR498G0100833700.01.T03	Peroxidase
maker-1-augustus-gene-127.7-mRNA-1	Japonica	NA		Os01g0328200		
maker-1-augustus-gene-128.33-mRNA-1	Japonica	NA		Os01g0328500	OsR498G0100834900.01.T03	BCNT-C domain-containing protein (Fragment)
maker-1-augustus-gene-128.35-mRNA-1	Japonica	NA		Os01g0328600	OsR498G0100835100.01.T06	Polyketide cyclase/dehydrase and lipid transport superfamily protein
maker-1-augustus-gene-128.41-mRNA-1	Japonica	NA		Os01g0329300	OsR498G0100840300.01.T01	Polygalacturonase
maker-1-augustus-gene-128.43-mRNA-1	Japonica	NA		Os01g0329800	OsR498G0100841100.01.T01	Evolutionarily conserved C-terminal region 7
maker-1-augustus-gene-128.45-mRNA-1	Japonica	NA		Os01g0328700	OsR498G0100835400.01.T01	Dihydrolipoyl dehydrogenase
maker-1-augustus-gene-128.47-mRNA-1	Japonica	NA		Os01g0328900	OsR498G0100836400.01.T01	Hydroxyproline O-galactosyltransferase GALT3
maker-1-augustus-gene-128.52-mRNA-1	Japonica	NA		Os01g0329000	OsR498G0100836600.01.T01	PlsC domain-containing protein (Fragment)
maker-1-augustus-gene-128.54-mRNA-1	Japonica	NA		Os01g0329400	OsR498G0100840600.01.T01	Solute carrier family 25 member like
maker-1-augustus-gene-129.37-mRNA-1	Japonica	NA			OsR498G0100842700.01.T03	GDSL esterase/lipase
maker-1-augustus-gene-129.40-mRNA-1	Japonica	NA		Os01g0330300	OsR498G0100843300.01.T01	Putative cysteine protease
maker-1-augustus-gene-129.42-mRNA-1	Japonica	NA		Os01g0330500	OsR498G0714577900.01.T01	Organic cation/carnitine transporter 3
maker-1-augustus-gene-129.44-mRNA-1	Japonica	Indica		Os01g0329900	OsR498G0100845700.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-129.46-mRNA-1	Japonica	NA		Os01g0330200	OsR498G0100843200.01.T01	Cysteine protease 1
maker-1-augustus-gene-13.50-mRNA-1	Japonica	NA			OsR498G0100083100.01.T01	RING-type E3 ubiquitin transferase
maker-1-augustus-gene-13.60-mRNA-1	Japonica	NA		Os01g0124601	OsR498G0100082800.01.T01	Putative Bowman Birk trypsin inhibitor
maker-1-augustus-gene-130.26-mRNA-1	Japonica	NA		Os01g0331900	OsR498G0100847500.01.T01	Golgi apparatus membrane protein TVP23
maker-1-augustus-gene-130.30-mRNA-1	Japonica	NA		Os01g0332100	OsR498G0100848700.01.T01	Beta-fructofuranosidase
maker-1-augustus-gene-130.36-mRNA-1	Japonica	NA		Os01g0332500	OsR498G0100849700.01.T01	Carboxypeptidase
maker-1-augustus-gene-130.42-mRNA-1	Japonica	NA		Os01g0332800	OsR498G0100850400.01.T01	Carboxypeptidase
maker-1-augustus-gene-130.45-mRNA-1	Japonica	Indica		Os01g0332900	OsR498G0100851000.01.T01	Immediate-early protein RSP40
maker-1-augustus-gene-133.35-mRNA-1	Japonica	NA		Os01g0336300		DUF4220 domain-containing protein (Fragment)
maker-1-augustus-gene-133.39-mRNA-1	Japonica	NA		Os01g0337100		Sesquithujene synthase A
maker-1-augustus-gene-133.42-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os01g0335700	OsR498G0100857600.01.T01	Putative NB-ARC domain-containing protein (Fragment)
maker-1-augustus-gene-134.0-mRNA-1	Japonica	NA		Os01g0337500	OsR498G0100861300.01.T01	H(+)-exporting diphosphatase
maker-1-augustus-gene-134.10-mRNA-1	Japonica	NA		Os01g0338000	OsR498G0100862700.01.T01	GTP-binding protein SAR1A
maker-1-augustus-gene-134.13-mRNA-1	Japonica	NA			OsR498G0100863100.01.T05	Transcription initiation factor TFIID subunit like
maker-1-augustus-gene-134.21-mRNA-1	Japonica	NA		Os01g0337600	OsR498G0100861600.01.T01	SMK-1 domain-containing protein
maker-1-augustus-gene-134.26-mRNA-1	Japonica	NA		Os01g0338600	OsR498G0100864800.01.T03	Cysteine sulfinate desulfinate/cysteine desulfurase and related enzymes
maker-1-augustus-gene-134.4-mRNA-1	Japonica	NA		Os01g0337900	OsR498G0100862300.01.T01	Putative lipamide dehydrogenase

maker-1-augustus-gene-135.1-mRNA-1	Japonica	Indica		Os01g0339600	OsR498G0100866300.01.T03	Proteasome assembly chaperone 3
maker-1-augustus-gene-135.11-mRNA-1	Japonica	Indica		Os01g0339500	OsR498G0100866200.01.T01	No apical meristem protein, expressed
maker-1-augustus-gene-135.4-mRNA-1	Japonica	NA		Os01g0339900	OsR498G0100866500.01.T01	Protein disulfide-isomerase
maker-1-augustus-gene-137.38-mRNA-1	Japonica	NA		Os01g0342900	OsR498G0100882300.01.T01	Acyl-activating enzyme 9
maker-1-augustus-gene-137.54-mRNA-1	Japonica	NA		Os01g0342800	OsR498G0100881200.01.T01	LXR motif-containing protein (Fragment)
maker-1-augustus-gene-137.56-mRNA-1	Japonica	NA			OsR498G0100885800.01.T04	Lipoprotein Nlpl
maker-1-augustus-gene-139.1-mRNA-1	Japonica	NA		Os01g0346501		Transposon protein, putative, CACTA, En/Spm sub-class
maker-1-augustus-gene-139.11-mRNA-1	Japonica	Indica		Os01g0347100	OsR498G0100897400.01.T02	Glycine-rich domain-containing protein 1
maker-1-augustus-gene-139.4-mRNA-1	Japonica	Japonica		Os01g0346600	OsR498G0100894900.01.T01	
maker-1-augustus-gene-139.5-mRNA-1	Japonica	NA		Os01g0347000	OsR498G0100897100.01.T01	Dual specificity protein phosphatase 4
maker-1-augustus-gene-14.41-mRNA-1	Japonica	NA		Os01g0125800	OsR498G0100085300.01.T01	Actin-interacting protein 1-2
maker-1-augustus-gene-14.45-mRNA-1	Japonica	Indica		Os01g0125900	OsR498G0100085500.01.T03	UBC core domain-containing protein (Fragment)
maker-1-augustus-gene-14.49-mRNA-1	Japonica	NA		Os01g0126100	OsR498G0100086500.01.T01	Multicopper oxidase, type 1
maker-1-augustus-gene-14.51-mRNA-1	Japonica	NA		Os01g0126200	OsR498G0100086900.01.T05	Cupredoxin superfamily protein isoform 1
maker-1-augustus-gene-14.53-mRNA-1	Japonica	NA				Factor of DNA methylation 1
maker-1-augustus-gene-14.55-mRNA-1	Japonica	NA		Os01g0126900	OsR498G0100087500.01.T01	Multicopper oxidase LPR1
maker-1-augustus-gene-14.58-mRNA-1	Japonica	NA		Os01g0125700	OsR498G0100085200.01.T02	Glutaryl-tRNA (Gln) amidotransferase subunit C, mitochondrial
maker-1-augustus-gene-140.41-mRNA-1	Japonica	Indica		Os01g0330200	OsR498G0100899700.01.T01	Cysteine proteinase Cathepsin L
maker-1-augustus-gene-140.43-mRNA-1	Japonica	NA		Os01g0348000	OsR498G0100899600.01.T01	Putative cysteine protease
maker-1-augustus-gene-140.45-mRNA-1	Japonica	NA		Os01g0348600	OsR498G0100901300.01.T01	3-hydroxyacyl-CoA dehydrogenase
maker-1-augustus-gene-140.53-mRNA-1	Japonica	NA		Os01g0347500	OsR498G0100899600.01.T01	Putative cysteine protease
maker-1-augustus-gene-140.55-mRNA-1	Japonica	Indica		Os01g0330200	OsR498G0100900600.01.T01	Cysteine proteinase Cathepsin L
maker-1-augustus-gene-140.57-mRNA-1	Japonica	NA		Os01g0348900	OsR498G0100902200.01.T02	Jacalin-like lectin domain containing protein, expressed
maker-1-augustus-gene-141.26-mRNA-1	Japonica	NA		Os01g0349800	OsR498G0100904900.01.T01	Secologanin synthase
maker-1-augustus-gene-141.29-mRNA-1	Japonica	Indica		Os05g0154600	OsR498G0100907900.01.T03	E3 ubiquitin-protein ligase RFI2 isoform X1
maker-1-augustus-gene-141.34-mRNA-1	Japonica	NA		Os01g0349400	OsR498G0100904600.01.T01	Serine/threonine-protein phosphatase
maker-1-augustus-gene-141.37-mRNA-1	Japonica	NA	NBS-TM		OsR498G0100907000.01.T01	NB-ARC domain-containing protein
maker-1-augustus-gene-141.39-mRNA-1	Japonica	NA		Os01g0350500	OsR498G0100907200.01.T01	
maker-1-augustus-gene-142.27-mRNA-1	Japonica	NA		Os01g0351100	OsR498G0100908700.01.T01	Poly [ADP-ribose] polymerase
maker-1-augustus-gene-142.31-mRNA-1	Japonica	NA			OsR498G0100909100.01.T04	Poly [ADP-ribose] polymerase
maker-1-augustus-gene-142.40-mRNA-1	Japonica	NA		Os01g0352100	OsR498G0100913700.01.T01	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-1-augustus-gene-143.37-mRNA-1	Japonica	NA		Os01g0353400	OsR498G0100914900.01.T01	Glutathione S-transferase IV
maker-1-augustus-gene-143.39-mRNA-1	Japonica	NA		Os03g0228400	OsR498G0305498900.01.T01	AP complex subunit sigma
maker-1-augustus-gene-143.49-mRNA-1	Japonica	NA			OsR498G0100914600.01.T01	
maker-1-augustus-gene-143.51-mRNA-1	Japonica	NA			OsR498G0100916200.01.T01	Jacalin-type lectin domain-containing protein
maker-1-augustus-gene-144.0-mRNA-1	Japonica	NA			OsR498G0100916700.01.T02	Polynucleotide 5'-hydroxyl-kinase NOL9
maker-1-augustus-gene-144.14-mRNA-1	Japonica	NA		Os01g0355500	OsR498G0100918400.01.T02	Auxilin-related protein 1
maker-1-augustus-gene-144.8-mRNA-1	Japonica	NA			OsR498G0100916600.01.T04	Sterol C-14 reductase
maker-1-augustus-gene-145.10-mRNA-1	Japonica	NA			OsR498G0100920800.01.T01	Multidrug resistance-associated protein/mitoxantrone resistance protein, A
maker-1-augustus-gene-145.14-mRNA-1	Japonica	Indica		Os01g0356500	OsR498G0100923200.01.T02	Thiamine pyrophosphokinase
maker-1-augustus-gene-145.5-mRNA-1	Japonica	NA		Os01g0355800	OsR498G0100920300.01.T01	Methylesterase 7
maker-1-augustus-gene-145.7-mRNA-1	Japonica	NA		Os01g0355900	OsR498G0100920600.01.T01	Ubiquitin-like-specific protease ESD4
maker-1-augustus-gene-146.36-mRNA-1	Japonica	NA		Os01g0356800		AIG1-type G domain-containing protein
maker-1-augustus-gene-146.38-mRNA-1	Japonica	Indica		Os01g0357100	OsR498G0100930500.01.T02	Ferredoxin--nitrite reductase chloroplastic
maker-1-augustus-gene-146.39-mRNA-1	Japonica	Indica		Os02g0765800	OsR498G0100930700.01.T02	SCP2 sterol-binding domain
maker-1-augustus-gene-146.53-mRNA-1	Japonica	Indica		Os02g0765600	OsR498G0100931500.01.T01	1,4-alpha-D-glucan glucanohydrolase
maker-1-augustus-gene-146.54-mRNA-1	Japonica	NA		Os01g0357400	OsR498G0100931500.01.T01	Alpha-amylase 2 (Fragment)
maker-1-augustus-gene-146.60-mRNA-1	Japonica	NA		Os01g0358400	OsR498G0100935300.01.T01	S4 RNA-binding domain-containing protein (Fragment)
maker-1-augustus-gene-146.63-mRNA-1	Japonica	NA		Os01g0358300	OsR498G0100935200.01.T02	Putative tetratricopeptide-like helical domain, protein LOW PSII ACCUMULA
maker-1-augustus-gene-147.35-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G0100940800.01.T01	Powdery mildew resistance protein PM3 variant
maker-1-augustus-gene-148.26-mRNA-1	Japonica	Indica	NBS-TM	Os01g0359800	OsR498G0100942600.01.T01	Powdery mildew resistance protein PM3 variant
maker-1-augustus-gene-148.29-mRNA-1	Japonica	NA		Os01g0360200	OsR498G0100943000.01.T04	Respiratory burst oxidase B
maker-1-augustus-gene-148.34-mRNA-1	Japonica	NA		Os01g0360600	OsR498G0100944800.01.T01	Dephospho-CoA kinase
maker-1-augustus-gene-148.37-mRNA-1	Japonica	NA			OsR498G0408211800.01.T01	
maker-1-augustus-gene-149.40-mRNA-1	Japonica	NA			OsR498G0100949500.01.T02	rRNA adenine N(6)-methyltransferase
maker-1-augustus-gene-149.44-mRNA-1	Japonica	NA		Os01g0363300	OsR498G0100952300.01.T01	
maker-1-augustus-gene-149.47-mRNA-1	Japonica	NA		Os01g0361500	OsR498G0100948400.01.T04	Acyltransferase
maker-1-augustus-gene-149.54-mRNA-1	Japonica	NA			OsR498G0100949000.01.T02	Acyltransferase-like protein chloroplastic
maker-1-augustus-gene-150.31-mRNA-1	Japonica	Indica		Os01g0363900	OsR498G0100952700.01.T02	Xpo1 domain-containing protein
maker-1-augustus-gene-150.40-mRNA-1	Japonica	NA	Kinase-TM	Os01g0364800	OsR498G0100956900.01.T01	Wall-associated receptor kinase
maker-1-augustus-gene-151.1-mRNA-1	Japonica	NA			OsR498G0100957900.01.T01	Neprosin domain-containing protein (Fragment)

maker-1-augustus-gene-151.2-mRNA-1	Japonica	NA			OsR498G0100958900.01.T02	
maker-1-augustus-gene-151.6-mRNA-1	Japonica	NA		Os01g0367100	OsR498G0100959800.01.T07	NAD(P)-binding Rossmann-fold superfamily protein
maker-1-augustus-gene-152.40-mRNA-1	Japonica	Japonica		Os01g0368000	OsR498G0100964300.01.T01	Flavin-containing monooxygenase
maker-1-augustus-gene-152.42-mRNA-1	Japonica	NA				RRM domain-containing protein
maker-1-augustus-gene-152.44-mRNA-1	Japonica	NA		Os01g0367300	OsR498G0100960200.01.T07	RRM domain-containing protein
maker-1-augustus-gene-152.46-mRNA-1	Japonica	Indica		Os01g0367400	OsR498G0100961200.01.T04	NAD(P)-binding Rossmann-fold superfamily protein
maker-1-augustus-gene-152.52-mRNA-1	Japonica	NA		Os01g0367900	OsR498G0100964000.01.T02	Chromatin-remodeling complex ATPase chain
maker-1-augustus-gene-153.34-mRNA-1	Japonica	NA		Os01g0369200	OsR498G0100968500.01.T01	Cullin-1
maker-1-augustus-gene-153.36-mRNA-1	Japonica	NA		Os01g0369000	OsR498G0100968000.01.T03	Cullin-1
maker-1-augustus-gene-153.41-mRNA-1	Japonica	NA			OsR498G0100968800.01.T01	Potassium transporter
maker-1-augustus-gene-153.43-mRNA-1	Japonica	NA		Os01g0369700	OsR498G0100969800.01.T01	Glutathione S-transferase IV
maker-1-augustus-gene-153.45-mRNA-1	Japonica	Indica		Os01g0369900	OsR498G0100970600.01.T01	12-oxo-phytodienoic acid reductase
maker-1-augustus-gene-153.48-mRNA-1	Japonica	NA			OsR498G0100971200.01.T01	N-ethylmaleimide reductase
maker-1-augustus-gene-154.28-mRNA-1	Japonica	NA		Os01g0371400		Glutathione transferase
maker-1-augustus-gene-154.30-mRNA-1	Japonica	NA		Os01g0371500	OsR498G0100975500.01.T01	Glutathione transferase
maker-1-augustus-gene-154.32-mRNA-1	Japonica	Japonica		Os01g0370200	OsR498G0100971400.01.T01	Glutathione transferase
maker-1-augustus-gene-154.35-mRNA-1	Japonica	Indica		Os01g0371200	OsR498G0100972400.01.T01	Glutathione transferase
maker-1-augustus-gene-154.38-mRNA-1	Japonica	NA		Os01g0371200	OsR498G0100974400.01.T01	Glutathione transferase
maker-1-augustus-gene-155.0-mRNA-1	Japonica	NA				Glutathione transferase
maker-1-augustus-gene-155.2-mRNA-1	Japonica	NA		Os01g0372400	OsR498G0100978100.01.T01	Glutathione transferase
maker-1-augustus-gene-155.4-mRNA-1	Japonica	NA		Os01g0372700	OsR498G0100979000.01.T01	Asparagine--tRNA ligase
maker-1-augustus-gene-155.7-mRNA-1	Japonica	NA		Os06g0247200	OsR498G0408464800.01.T01	Fe2OG dioxygenase domain-containing protein
maker-1-augustus-gene-156.0-mRNA-1	Japonica	NA		Os01g0374000	OsR498G0100980700.01.T01	Glutathione transferase
maker-1-augustus-gene-156.12-mRNA-1	Japonica	NA		Os01g0375000	OsR498G0100984800.01.T01	Guanine nucleotide-binding protein-like 3
maker-1-augustus-gene-156.2-mRNA-1	Japonica	Indica		Os01g0374600	OsR498G0100983700.01.T01	Laccase
maker-1-augustus-gene-156.5-mRNA-1	Japonica	NA		Os01g0374900	OsR498G0100984500.01.T01	Putative E3 ubiquitin-protein ligase LUL2
maker-1-augustus-gene-156.7-mRNA-1	Japonica	Japonica		Os01g0375200	OsR498G0100985300.01.T01	Shikimate biosynthesis protein aroDE
maker-1-augustus-gene-157.0-mRNA-1	Japonica	Indica		Os01g0375200	OsR498G0100985700.01.T01	Shikimate biosynthesis protein aroDE
maker-1-augustus-gene-157.4-mRNA-1	Japonica	NA		Os01g0376700	OsR498G0100989200.01.T02	Sucrose-phosphate phosphatase
maker-1-augustus-gene-158.0-mRNA-1	Japonica	NA		Os01g0377700	OsR498G0100990900.01.T01	Nuclear pore localization protein Npl
maker-1-augustus-gene-158.2-mRNA-1	Japonica	NA		Os01g0377500	OsR498G0100990800.01.T01	CYCLIN domain-containing protein
maker-1-augustus-gene-158.5-mRNA-1	Japonica	Indica		Os12g0530100	OsR498G0100992000.01.T01	Peroxidase
maker-1-augustus-gene-160.28-mRNA-1	Japonica	NA		Os01g0722550		HAT dimerization domain-containing protein / transposase-related
maker-1-augustus-gene-161.34-mRNA-1	Japonica	NA		Os01g0382200	OsR498G0100996400.01.T01	Putative hydroxyanthranilate hydroxycinnamoyltransferase 2
maker-1-augustus-gene-161.36-mRNA-1	Japonica	NA		Os01g0382700	OsR498G0101000100.01.T02	Stress regulated protein isoform 3
maker-1-augustus-gene-161.41-mRNA-1	Japonica	NA		Os05g0267732	OsR498G0510209200.01.T01	
maker-1-augustus-gene-161.45-mRNA-1	Japonica	NA				
maker-1-augustus-gene-162.0-mRNA-1	Japonica	Indica		Os05g0144100	OsR498G0101004100.01.T01	Transducin family protein / WD-40 repeat family protein
maker-1-augustus-gene-162.10-mRNA-1	Japonica	NA			OsR498G0101003000.01.T01	
maker-1-augustus-gene-162.26-mRNA-1	Japonica	NA		Os01g0385000	OsR498G0101009400.01.T01	
maker-1-augustus-gene-163.28-mRNA-1	Japonica	NA		Os01g0385400	OsR498G0101010400.01.T02	S-type anion channel SLAH3
maker-1-augustus-gene-163.31-mRNA-1	Japonica	Indica		Os01g0385600	OsR498G0101011200.01.T01	Ribosomal protein-like
maker-1-augustus-gene-165.11-mRNA-1	Japonica	Indica		Os02g0204700	OsR498G0101021000.01.T02	
maker-1-augustus-gene-165.5-mRNA-1	Japonica	NA				Piezo-type mechanosensitive ion channel like
maker-1-augustus-gene-166.38-mRNA-1	Japonica	NA			OsR498G0101029700.01.T05	tRNA (guanine(37)-N1)-methyltransferase
maker-1-augustus-gene-166.39-mRNA-1	Japonica	NA			OsR498G0101029700.01.T01	tRNA (guanine(37)-N1)-methyltransferase
maker-1-augustus-gene-166.43-mRNA-1	Japonica	NA			OsR498G0101029600.01.T03	
maker-1-augustus-gene-167.0-mRNA-1	Japonica	NA		Os01g0390900	OsR498G0101031000.01.T01	Dual specificity phosphatase
maker-1-augustus-gene-168.40-mRNA-1	Japonica	NA		Os01g0392100	OsR498G0101039100.01.T02	
maker-1-augustus-gene-169.0-mRNA-1	Japonica	NA			OsR498G0101041900.01.T02	
maker-1-augustus-gene-169.11-mRNA-1	Japonica	NA		Os01g0393100	OsR498G0101043400.01.T01	NAC domain class transcription factor
maker-1-augustus-gene-169.14-mRNA-1	Japonica	NA		Os04g0495900	OsR498G0408827700.01.T01	Glycerol-3-phosphatase 1
maker-1-augustus-gene-169.2-mRNA-1	Japonica	Indica		Os01g0104600	OsR498G0101041900.01.T05	Light-mediated development protein DET1
maker-1-augustus-gene-169.4-mRNA-1	Japonica	NA				Transposon protein, putative, CACTA, En/Spm sub-class
maker-1-augustus-gene-169.9-mRNA-1	Japonica	Japonica		Os01g0393400	OsR498G0101043700.01.T03	ABC transporter B family member 4
maker-1-augustus-gene-177.36-mRNA-1	Japonica	NA		Os01g0495900	OsR498G0101046700.01.T01	RNA-binding
maker-1-augustus-gene-177.42-mRNA-1	Japonica	NA		Os01g0496900	OsR498G0101049400.01.T01	Sterol O-acyltransferase
maker-1-augustus-gene-178.0-mRNA-1	Japonica	NA			OsR498G0101051700.01.T01	Expressed protein (Fragment)
maker-1-augustus-gene-178.6-mRNA-1	Japonica	NA			OsR498G0101050600.01.T01	Putative calcium-binding protein annexin 6
maker-1-augustus-gene-179.25-mRNA-1	Japonica	NA		Os01g0499300	OsR498G0101054600.01.T01	AMSH-like ubiquitin thioesterase 3
maker-1-augustus-gene-179.31-mRNA-1	Japonica	Japonica		Os01g0499600	OsR498G1119310800.01.T01	

maker-1-augustus-gene-180.31-mRNA-1	Japonica	NA		Os01g0501800	OsR498G0101060700.01.T01	Oxygen-evolving enhancer protein like
maker-1-augustus-gene-180.33-mRNA-1	Japonica	NA			OsR498G0101058200.01.T01	DUF632 domain-containing protein
maker-1-augustus-gene-180.35-mRNA-1	Japonica	NA				Mediator of RNA polymerase II transcription subunit like
maker-1-augustus-gene-180.38-mRNA-1	Japonica	NA		Os01g0501700	OsR498G0101060600.01.T01	Sec-independent protein translocase protein TATC chloroplastic
maker-1-augustus-gene-181.0-mRNA-1	Japonica	NA			OsR498G0101063500.01.T01	Acyl-[acyl-carrier-protein] hydrolase
maker-1-augustus-gene-181.10-mRNA-1	Japonica	NA	NRAMP6	Os01g0503400	OsR498G0101068400.01.T03	Metal transporter
maker-1-augustus-gene-181.2-mRNA-1	Japonica	NA		Os01g0502400	OsR498G0101064300.01.T02	Oxoglutarate/iron-dependent dioxygenase
maker-1-augustus-gene-181.8-mRNA-1	Japonica	NA		Os01g0502700	OsR498G0101065300.01.T01	
maker-1-augustus-gene-182.32-mRNA-1	Japonica	NA			OsR498G0101074900.01.T01	2-hydroxyacyl-CoA lyase-like
maker-1-augustus-gene-182.34-mRNA-1	Japonica	NA		Os01g0504500	OsR498G0101071600.01.T03	Protein DETOXIFICATION
maker-1-augustus-gene-183.0-mRNA-1	Japonica	NA			OsR498G0101075900.01.T02	Ribosome quality control complex subunit 2
maker-1-augustus-gene-183.3-mRNA-1	Japonica	NA		Os01g0506100	OsR498G0101078100.01.T03	Pentatricopeptide repeat-containing protein mitochondrial
maker-1-augustus-gene-183.4-mRNA-1	Japonica	NA		Os01g0506200	OsR498G0101079200.01.T04	Tetratricopeptide repeat protein 5
maker-1-augustus-gene-184.27-mRNA-1	Japonica	NA		Os01g0507700	OsR498G0101084100.01.T03	Farnesylated protein 2
maker-1-augustus-gene-184.29-mRNA-1	Japonica	NA		Os01g0507900	OsR498G0101084700.01.T02	ATP-dependent Clp protease proteolytic subunit
maker-1-augustus-gene-184.34-mRNA-1	Japonica	NA		Os01g0508000	OsR498G0101085300.01.T01	Beta-glucosidase 44
maker-1-augustus-gene-185.37-mRNA-1	Japonica	NA			OsR498G0101090900.01.T01	
maker-1-augustus-gene-186.36-mRNA-1	Japonica	Japonica		Os01g0509900	OsR498G0101094500.01.T01	BED-type domain-containing protein
maker-1-augustus-gene-186.38-mRNA-1	Japonica	NA	Kinase			MAPKK
maker-1-augustus-gene-186.42-mRNA-1	Japonica	NA			OsR498G0101097500.01.T01	Protein ENHANCED DOWNY MILDEW 2
maker-1-augustus-gene-186.49-mRNA-1	Japonica	NA			OsR498G0101098100.01.T01	
maker-1-augustus-gene-186.51-mRNA-1	Japonica	NA		Os01g0510600	OsR498G0101097800.01.T01	Protein FLUORESCENT IN BLUE LIGHT, chloroplastic
maker-1-augustus-gene-187.33-mRNA-1	Japonica	NA		Os01g0512100	OsR498G0101105500.01.T01	J domain-containing protein (Fragment)
maker-1-augustus-gene-187.39-mRNA-1	Japonica	NA				TAF domain-containing protein (Fragment)
maker-1-augustus-gene-187.45-mRNA-1	Japonica	NA		Os01g0511100	OsR498G0101102400.01.T01	Usp domain-containing protein
maker-1-augustus-gene-187.48-mRNA-1	Japonica	NA		Os01g0511300	OsR498G0101102800.01.T01	26S proteasome non-ATPase regulatory subunit B
maker-1-augustus-gene-187.53-mRNA-1	Japonica	Indica		Os01g0511600	OsR498G0101103600.01.T02	Plastidal glycolate/glycerate translocator 1 chloroplastic
maker-1-augustus-gene-188.26-mRNA-1	Japonica	NA		Os01g0513400	OsR498G0101110500.01.T01	
maker-1-augustus-gene-188.29-mRNA-1	Japonica	NA		Os01g0513900	OsR498G0101111700.01.T03	Kinesin-like protein KIN-7A
maker-1-augustus-gene-188.34-mRNA-1	Japonica	NA			OsR498G0101108400.01.T01	PPM-type phosphatase domain-containing protein (Fragment)
maker-1-augustus-gene-188.39-mRNA-1	Japonica	NA			OsR498G0101109600.01.T01	Nicotinamide adenine dinucleotide transporter like
maker-1-augustus-gene-188.46-mRNA-1	Japonica	NA		Os01g0513700	OsR498G0101111200.01.T01	Trafficking protein particle complex subunit
maker-1-augustus-gene-188.49-mRNA-1	Japonica	NA		Os01g0513800	OsR498G0101111400.01.T01	Brix domain-containing protein 1
maker-1-augustus-gene-189.11-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os01g0514700	OsR498G0101114500.01.T01	Receptor protein kinase-like protein ZAR1
maker-1-augustus-gene-189.13-mRNA-1	Japonica	NA	Kinase-LRR-TM			Protein kinase domain-containing protein
maker-1-augustus-gene-189.18-mRNA-1	Japonica	NA		Os08g0381000	OsR498G0407574900.01.T01	Cell wall protein-like
maker-1-augustus-gene-189.5-mRNA-1	Japonica	NA		Os01g0514600	OsR498G0101113500.01.T01	Fimbrin-2
maker-1-augustus-gene-190.0-mRNA-1	Japonica	NA		Os01g0516400	OsR498G0101116900.01.T01	Stress responsive alpha-beta barrel
maker-1-augustus-gene-190.18-mRNA-1	Japonica	NA			OsR498G0101119400.01.T01	F-box domain-containing protein
maker-1-augustus-gene-190.20-mRNA-1	Japonica	NA		Os01g0517500	OsR498G0101120600.01.T01	Exopolygalacturonase
maker-1-augustus-gene-190.4-mRNA-1	Japonica	NA		Os01g0516600	OsR498G0101117500.01.T01	Stress responsive alpha-beta barrel
maker-1-augustus-gene-190.6-mRNA-1	Japonica	Indica		Os01g0516700	OsR498G0101118000.01.T03	UDP-N-acetylglucosamine--N-acetylmuramyl- (Pentapeptide) pyrophosphor
maker-1-augustus-gene-190.7-mRNA-1	Japonica	NA				Plant PDR ABC transporter associated
maker-1-augustus-gene-191.10-mRNA-1	Japonica	NA				
maker-1-augustus-gene-191.2-mRNA-1	Japonica	Japonica		Os01g0517800	OsR498G0101120800.01.T01	PLATZ transcription factor (Fragment)
maker-1-augustus-gene-192.30-mRNA-1	Japonica	NA				
maker-1-augustus-gene-192.32-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G0101131600.01.T02	Blight resistance protein RGA1-like protein
maker-1-augustus-gene-193.0-mRNA-1	Japonica	Indica		Os01g0521400	OsR498G0101133900.01.T01	Gastric triacylglycerol lipase
maker-1-augustus-gene-193.10-mRNA-1	Japonica	Japonica		Os01g0522433	OsR498G0101136300.01.T01	
maker-1-augustus-gene-193.3-mRNA-1	Japonica	NA		Os01g0521500	OsR498G0101134300.01.T01	J domain-containing protein (Fragment)
maker-1-augustus-gene-193.9-mRNA-1	Japonica	NA		Os01g0522100	OsR498G0101136300.01.T01	VQ domain-containing protein
maker-1-augustus-gene-194.0-mRNA-1	Japonica	NA				Protein kinase domain-containing protein
maker-1-augustus-gene-194.2-mRNA-1	Japonica	NA		Os11g0205200	OsR498G0407482700.01.T01	
maker-1-augustus-gene-194.6-mRNA-1	Japonica	Indica		Os01g0524500	OsR498G0101142900.01.T01	Transcription factor MYB51
maker-1-augustus-gene-194.8-mRNA-1	Japonica	NA				Callose synthase 5
maker-1-augustus-gene-195.0-mRNA-1	Japonica	NA		Os01g0524700	OsR498G0101143700.01.T02	ARM repeat superfamily protein isoform 1
maker-1-augustus-gene-195.4-mRNA-1	Japonica	NA			OsR498G0101148900.01.T01	DNA-damage-repair/toleration protein, chloroplastic
maker-1-augustus-gene-195.6-mRNA-1	Japonica	NA		Os01g0526200	OsR498G0101149100.01.T01	rRNA processing protein-related
maker-1-augustus-gene-196.2-mRNA-1	Japonica	Japonica		Os01g0527400	OsR498G0101154900.01.T04	Bromo adjacent homology (BAH) domain
maker-1-augustus-gene-196.7-mRNA-1	Japonica	NA			OsR498G0101155200.01.T01	RNA-dependent RNA polymerase
maker-1-augustus-gene-197.0-mRNA-1	Japonica	NA				Tau95 domain-containing protein

maker-1-augustus-gene-197.12-mRNA-1	Japonica	NA				GRF-type domain-containing protein
maker-1-augustus-gene-197.14-mRNA-1	Japonica	NA		Os01g0527700	OsR498G0101155400.01.T01	Heme O synthase
maker-1-augustus-gene-197.18-mRNA-1	Japonica	Indica		Os06g0521000	OsR498G0101155600.01.T01	Transposon protein, putative, ping/pong/SNOOPY sub-class
maker-1-augustus-gene-197.5-mRNA-1	Japonica	NA				Arogenate dehydratase
maker-1-augustus-gene-197.7-mRNA-1	Japonica	NA		Os01g0528800	OsR498G0101158700.01.T01	Cinnamoyl CoA reductase-like 2a
maker-1-augustus-gene-198.37-mRNA-1	Japonica	Indica		Os01g0530300	OsR498G0101163100.01.T01	SANTA domain-containing protein
maker-1-augustus-gene-198.42-mRNA-1	Japonica	NA			OsR498G0101163300.01.T01	RNA polymerase archaeal subunit P/eukaryotic subunit RPABC
maker-1-augustus-gene-198.48-mRNA-1	Japonica	NA		Os01g0531500	OsR498G0101166100.01.T01	DLH domain-containing protein (Fragment)
maker-1-augustus-gene-198.52-mRNA-1	Japonica	NA		Os01g0541600	OsR498G0101165600.01.T01	BAH domain-containing protein
maker-1-augustus-gene-198.55-mRNA-1	Japonica	NA		Os01g0531200	OsR498G01011960700.01.T03	PMD domain-containing protein
maker-1-augustus-gene-198.57-mRNA-1	Japonica	NA				Katanin p80 WD40 repeat-containing subunit B1 homolog
maker-1-augustus-gene-198.60-mRNA-1	Japonica	NA		Os01g0756600	OsR498G0102017700.01.T01	Putative Galactose-binding domain-containing protein
maker-1-augustus-gene-199.0-mRNA-1	Japonica	Japonica		Os01g0532600	OsR498G0613256400.01.T02	Probable cation transporter HKT9
maker-1-augustus-gene-199.13-mRNA-1	Japonica	NA				
maker-1-augustus-gene-199.6-mRNA-1	Japonica	NA			OsR498G0101168800.01.T02	Pre-mRNA-processing protein 40A
maker-1-augustus-gene-2.0-mRNA-1	Japonica	Indica		Os01g0101700	OsR498G0100006700.01.T02	J domain-containing protein (Fragment)
maker-1-augustus-gene-2.14-mRNA-1	Japonica	NA		Os01g0102700	OsR498G0100011900.01.T01	Translocon-associated protein subunit beta
maker-1-augustus-gene-2.17-mRNA-1	Japonica	NA		Os01g0102800	OsR498G0100012100.01.T01	Protein CHROMATIN REMODELING like
maker-1-augustus-gene-2.19-mRNA-1	Japonica	NA		Os01g0102900	OsR498G0100012800.01.T01	Light regulated Lir
maker-1-augustus-gene-2.2-mRNA-1	Japonica	NA		Os01g0101800	OsR498G0100006900.01.T01	Putative aldehyde dehydrogenase family protein
maker-1-augustus-gene-2.22-mRNA-1	Japonica	NA		Os01g0102950	OsR498G0100013000.01.T02	Vacuolar protein sorting-associated protein 60.2
maker-1-augustus-gene-2.26-mRNA-1	Japonica	NA		Os01g0103600	OsR498G0100014200.01.T01	3-beta-hydroxysteroid-delta-isomerase
maker-1-augustus-gene-2.27-mRNA-1	Japonica	NA		Os01g0103600	OsR498G0100014200.01.T03	EXPERA domain-containing protein (Fragment)
maker-1-augustus-gene-2.4-mRNA-1	Japonica	NA		Os01g0102300	OsR498G0100010900.01.T01	Thylakoid luminal 17.9 kDa protein, chloroplastic
maker-1-augustus-gene-2.6-mRNA-1	Japonica	NA		Os01g0102500	OsR498G0100011500.01.T01	Gap junction beta-4 protein isoform 1
maker-1-augustus-gene-2.9-mRNA-1	Japonica	NA		Os01g0102600	OsR498G0100011700.01.T01	Shikimate kinase, chloroplastic
maker-1-augustus-gene-200.26-mRNA-1	Japonica	Indica		Os01g0533900	OsR498G0101176700.01.T02	ABC transporter B family member 9
maker-1-augustus-gene-200.32-mRNA-1	Japonica	NA				1,3-beta-glucan synthase
maker-1-augustus-gene-200.39-mRNA-1	Japonica	NA		Os01g0533400	OsR498G0101174400.01.T01	Beta-galactosidase 13
maker-1-augustus-gene-200.41-mRNA-1	Japonica	NA		Os01g0533500	OsR498G0101174800.01.T01	1,3-beta-glucan synthase
maker-1-augustus-gene-200.44-mRNA-1	Japonica	NA				Beta-galactosidase
maker-1-augustus-gene-218.51-mRNA-1	Japonica	NA		Os01g0559000	OsR498G0101334100.01.T01	PITH domain-containing protein 1
maker-1-augustus-gene-219.11-mRNA-1	Japonica	NA		Os01g0559300	OsR498G0101335100.01.T01	Histone-lysine N-methyltransferase EHMT2
maker-1-augustus-gene-219.14-mRNA-1	Japonica	Japonica		Os01g0559500	OsR498G0101336300.01.T05	Pentatricopeptide repeat-containing protein chloroplastic
maker-1-augustus-gene-219.18-mRNA-1	Japonica	NA		Os01g0559600	OsR498G0101337500.01.T01	Vacuolar-processing enzyme
maker-1-augustus-gene-219.22-mRNA-1	Japonica	NA		Os01g0560000	OsR498G0101339800.01.T01	IAA-amino acid hydrolase
maker-1-augustus-gene-219.7-mRNA-1	Japonica	NA		Os01g0559200	OsR498G0101334900.01.T01	Phosphorylated adapter RNA export protein (Fragment)
maker-1-augustus-gene-220.11-mRNA-1	Japonica	NA				
maker-1-augustus-gene-220.3-mRNA-1	Japonica	NA		Os01g0560350		V-SNARE domain-containing protein (Fragment)
maker-1-augustus-gene-220.5-mRNA-1	Japonica	NA				Peptidylprolyl isomerase
maker-1-augustus-gene-221.30-mRNA-1	Japonica	Japonica		Os01g0562400	OsR498G0101342100.01.T02	Peptidylprolyl isomerase
maker-1-augustus-gene-221.35-mRNA-1	Japonica	Japonica		Os01g0563000	OsR498G0101346000.01.T04	Peptidylprolyl isomerase
maker-1-augustus-gene-222.1-mRNA-1	Japonica	NA		Os01g0564300		Peptidylprolyl isomerase
maker-1-augustus-gene-223.34-mRNA-1	Japonica	NA		Os01g0565600	OsR498G0101352200.01.T02	Ribonuclease MRP protein subunit SNM1
maker-1-augustus-gene-223.37-mRNA-1	Japonica	NA		Os01g0565800	OsR498G0101352600.01.T01	DUF538 domain-containing protein
maker-1-augustus-gene-223.39-mRNA-1	Japonica	Indica		Os01g0566100	OsR498G0101353600.01.T04	Early flowering protein 3
maker-1-augustus-gene-223.42-mRNA-1	Japonica	NA		Os01g0566500	OsR498G0101357200.01.T02	Carotenoid cleavage dioxygenase
maker-1-augustus-gene-224.0-mRNA-1	Japonica	NA		Os01g0567500	OsR498G0101359700.01.T01	Sugar carrier protein C
maker-1-augustus-gene-224.2-mRNA-1	Japonica	NA		Os01g0566900	OsR498G0101369200.01.T04	PiRNA biogenesis protein EXD1
maker-1-augustus-gene-224.8-mRNA-1	Japonica	NA		Os01g0567600	OsR498G0101360200.01.T01	Sugar carrier protein C
maker-1-augustus-gene-225.1-mRNA-1	Japonica	NA		Os01g0569200		
maker-1-augustus-gene-225.2-mRNA-1	Japonica	NA		Os01g0568400		Cysteine-rich receptor-like protein kinase 25
maker-1-augustus-gene-225.4-mRNA-1	Japonica	NA	Kinase-TM	Os01g0568400		receptor-like kinase TMK3
maker-1-augustus-gene-226.0-mRNA-1	Japonica	NA		Os01g0570500	OsR498G0101367300.01.T01	Casein kinase I
maker-1-augustus-gene-226.13-mRNA-1	Japonica	NA		Os01g0571200	OsR498G0101370700.01.T01	54S ribosomal protein L34, mitochondrial
maker-1-augustus-gene-226.17-mRNA-1	Japonica	NA		Os01g0571300	OsR498G0101370900.01.T01	Heat stress transcription factor A-2
maker-1-augustus-gene-226.19-mRNA-1	Japonica	NA			OsR498G0101372900.01.T02	C3H-type transcription factor
maker-1-augustus-gene-226.23-mRNA-1	Japonica	NA		Os01g0570800	OsR498G0101369200.01.T01	IQ domain-containing protein IQM1
maker-1-augustus-gene-226.28-mRNA-1	Japonica	Indica		Os01g0571100	OsR498G0101369800.01.T03	
maker-1-augustus-gene-226.5-mRNA-1	Japonica	NA			OsR498G0101368900.01.T01	Carbamoyl-phosphate synthase (glutamine-hydrolyzing)
maker-1-augustus-gene-226.7-mRNA-1	Japonica	Indica		Os01g0571000	OsR498G0101369500.01.T01	Graves disease carrier

maker-1-augustus-gene-227.30-mRNA-1	Japonica	NA		Os01g0572300		Protein indeterminate-domain 9
maker-1-augustus-gene-227.32-mRNA-1	Japonica	NA		Os05g0112000	OsR498G01018864100.01.T01	E3 ubiquitin-protein like
maker-1-augustus-gene-227.34-mRNA-1	Japonica	NA			OsR498G0101376000.01.T03	Calcium-binding EF hand family protein
maker-1-augustus-gene-228.33-mRNA-1	Japonica	NA	NBS-TM	Os01g0574400	OsR498G0101378500.01.T03	ATP-dependent zinc metalloprotease FTSH 4 mitochondrial
maker-1-augustus-gene-228.36-mRNA-1	Japonica	NA	NBS-TM	Os01g0574500	OsR498G0101378700.01.T01	ATP-dependent zinc metalloprotease FTSH 4 mitochondrial
maker-1-augustus-gene-228.39-mRNA-1	Japonica	NA		Os01g0575000	OsR498G0101381500.01.T01	Protein ROOT HAIR DEFECTIVE 3 homolog
maker-1-augustus-gene-228.46-mRNA-1	Japonica	Indica		Os01g0575200	OsR498G0101382500.01.T01	BHLH domain-containing protein
maker-1-augustus-gene-228.47-mRNA-1	Japonica	NA		Os01g0575200	OsR498G0101382500.01.T01	BHLH transcription factor
maker-1-augustus-gene-228.52-mRNA-1	Japonica	NA		Os01g0574600	OsR498G0101379000.01.T01	Glyoxylate/succinic semialdehyde reductase
maker-1-augustus-gene-229.29-mRNA-1	Japonica	Indica		Os04g0557200	OsR498G0101393500.01.T01	Anthocyanin regulatory R-S protein-like
maker-1-augustus-gene-229.30-mRNA-1	Japonica	NA		Os01g0576100	OsR498G0101387300.01.T01	Anthocyanin regulatory R-S protein-like
maker-1-augustus-gene-229.43-mRNA-1	Japonica	NA				
maker-1-augustus-gene-230.10-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os01g0577600	OsR498G0101394600.01.T01	Leucine-rich repeat receptor protein kinase EXS
maker-1-augustus-gene-230.13-mRNA-1	Japonica	NA		Os01g0578000	OsR498G0101395400.01.T01	Recombination protein51 gene c
maker-1-augustus-gene-230.18-mRNA-1	Japonica	Indica		Os03g0300200	OsR498G0101395800.01.T03	Programmed cell death protein 2
maker-1-augustus-gene-230.8-mRNA-1	Japonica	NA		Os01g0578500		FBD domain-containing protein
maker-1-augustus-gene-231.15-mRNA-1	Japonica	Japonica		Os01g0580100	OsR498G0101400300.01.T03	Mannosyltransferase
maker-1-augustus-gene-231.21-mRNA-1	Japonica	NA		Os01g0580200	OsR498G0101400900.01.T02	Beta-galactosidase
maker-1-augustus-gene-231.28-mRNA-1	Japonica	NA		Os01g0579900	OsR498G0101400000.01.T01	Alpha/beta-Hydrolases superfamily protein
maker-1-augustus-gene-231.33-mRNA-1	Japonica	NA		Os01g0580000	OsR498G0101400200.01.T02	Alpha/beta-Hydrolases superfamily protein
maker-1-augustus-gene-231.6-mRNA-1	Japonica	Indica		Os01g0711500	OsR498G0101399300.01.T01	Calcineurin B-like protein 9
maker-1-augustus-gene-232.0-mRNA-1	Japonica	NA		Os01g0580500		1-aminocyclopropane-1-carboxylic acid oxidase
maker-1-augustus-gene-232.12-mRNA-1	Japonica	NA			OsR498G0101402200.01.T01	Actin binding protein family
maker-1-augustus-gene-232.13-mRNA-1	Japonica	Indica		Os01g0580800	OsR498G0101402200.01.T01	Alpha-mannosidase-like
maker-1-augustus-gene-232.18-mRNA-1	Japonica	Japonica		Os01g0581800	OsR498G0101404800.01.T01	NB-ARC domain-containing protein
maker-1-augustus-gene-232.2-mRNA-1	Japonica	NA		Os01g0581300	OsR498G0101403500.01.T04	Lycopene epsilon-cyclase
maker-1-augustus-gene-232.7-mRNA-1	Japonica	NA	CC-Kinase-TM	Os01g0581400	OsR498G0101403700.01.T01	Lycopene epsilon cyclase, chloroplastic
maker-1-augustus-gene-232.9-mRNA-1	Japonica	NA		Os01g0580400	OsR498G0101401800.01.T01	Histone domain-containing protein
maker-1-augustus-gene-233.29-mRNA-1	Japonica	Indica		Os05g0592800	OsR498G0101409500.01.T01	Protein-serine/threonine phosphatase
maker-1-augustus-gene-233.37-mRNA-1	Japonica	NA		Os01g0582400	OsR498G0101407000.01.T02	Peptidyl-prolyl cis-trans isomerase
maker-1-augustus-gene-233.42-mRNA-1	Japonica	NA		Os01g0583200		UBP1-associated proteins 1C isoform A
maker-1-augustus-gene-234.49-mRNA-1	Japonica	NA		Os01g0585600	OsR498G0101420100.01.T02	DUF632 domain-containing protein
maker-1-augustus-gene-235.35-mRNA-1	Japonica	NA		Os01g0586600	OsR498G0101423200.01.T04	5'-AMP-activated protein kinase subunit gamma-3
maker-1-augustus-gene-235.38-mRNA-1	Japonica	NA			OsR498G0101423600.01.T01	WRKY transcription factor
maker-1-augustus-gene-235.40-mRNA-1	Japonica	NA		Os01g0587000	OsR498G0101425200.01.T03	V-type proton ATPase subunit
maker-1-augustus-gene-236.0-mRNA-1	Japonica	NA		Os01g0588700	OsR498G0101430700.01.T01	YJU2 splicing factor homolog isoform X1
maker-1-augustus-gene-236.13-mRNA-1	Japonica	NA		Os01g0588200	OsR498G0101428400.01.T02	Outer plastidial membrane protein porin
maker-1-augustus-gene-236.17-mRNA-1	Japonica	NA		Os01g0588400	OsR498G0101428600.01.T01	Hypersensitive-induced response protein 1
maker-1-augustus-gene-236.19-mRNA-1	Japonica	NA	Kinase	Os01g0588500	OsR498G0101429400.01.T01	Putative serine/threonine-protein kinase PIX7
maker-1-augustus-gene-236.22-mRNA-1	Japonica	NA		Os01g0588900	OsR498G0101433200.01.T01	Cytokinin riboside 5'-monophosphate phosphoribohydrolase LOG
maker-1-augustus-gene-236.4-mRNA-1	Japonica	NA		Os01g0588800	OsR498G0101432900.01.T06	Type II protein arginine methyltransferase
maker-1-augustus-gene-236.9-mRNA-1	Japonica	NA	Kinase-TM	Os01g0587400	OsR498G0101426800.01.T01	Receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-237.0-mRNA-1	Japonica	Japonica		Os01g0589100	OsR498G0511248800.01.T01	S-adenosyl-L-methionine-dependent methyltransferase superfamily protein
maker-1-augustus-gene-237.11-mRNA-1	Japonica	NA		Os01g0589000	OsR498G0101435800.01.T03	Ribosomal protein S1
maker-1-augustus-gene-237.12-mRNA-1	Japonica	Japonica		Os01g0589500	OsR498G0101437000.01.T01	Holocarboxylase synthetase
maker-1-augustus-gene-237.14-mRNA-1	Japonica	NA		Os01g0590200	OsR498G0101439000.01.T01	
maker-1-augustus-gene-237.2-mRNA-1	Japonica	NA		Os01g0589200		Trans-aconitate 3-methyltransferase
maker-1-augustus-gene-237.9-mRNA-1	Japonica	NA		Os01g0589800	OsR498G0101437300.01.T01	Photosystem II 22 kDa, chloroplastic
maker-1-augustus-gene-238.39-mRNA-1	Japonica	NA			OsR498G0101442100.01.T02	ATP-dependent zinc metalloprotease FtsH
maker-1-augustus-gene-238.42-mRNA-1	Japonica	NA		Os01g0590900	OsR498G0101443500.01.T01	Serine/threonine-protein kinase AFC3
maker-1-augustus-gene-238.48-mRNA-1	Japonica	NA		Os01g0591000	OsR498G0101443900.01.T01	Aldehyde dehydrogenase3
maker-1-augustus-gene-238.55-mRNA-1	Japonica	NA		Os01g0591300	OsR498G0101445100.01.T02	Aldehyd domain-containing protein (Fragment)
maker-1-augustus-gene-238.58-mRNA-1	Japonica	NA				Bidirectional sugar transporter SWEET
maker-1-augustus-gene-238.60-mRNA-1	Japonica	Indica		Os01g0590800	OsR498G0101443000.01.T01	
maker-1-augustus-gene-238.63-mRNA-1	Japonica	NA		Os01g0590800	OsR498G0101443400.01.T01	
maker-1-augustus-gene-239.28-mRNA-1	Japonica	NA		Os01g0593000	OsR498G0101451500.01.T05	Secretory carrier-associated membrane protein (Fragment)
maker-1-augustus-gene-239.36-mRNA-1	Japonica	NA		Os01g0593200	OsR498G0101453300.01.T05	FLZ-type domain-containing protein
maker-1-augustus-gene-239.40-mRNA-1	Japonica	NA		Os01g0593700	OsR498G0101455700.01.T01	Sulfate transporter
maker-1-augustus-gene-239.42-mRNA-1	Japonica	NA		Os01g0592900	OsR498G0101450600.01.T01	Regulator of telomere elongation helicase
maker-1-augustus-gene-239.47-mRNA-1	Japonica	Japonica		Os01g0593100	OsR498G0714656200.01.T02	A-kinase anchor protein 17A
maker-1-augustus-gene-239.49-mRNA-1	Japonica	NA		Os01g0593500	OsR498G0101455200.01.T01	Large subunit ribosomal protein L25

maker-1-augustus-gene-24.50-mRNA-1	Japonica	NA		Os01g0144200	OsR498G0306795400.01.T03	Glucose-induced degradation protein 4
maker-1-augustus-gene-24.64-mRNA-1	Japonica	NA		Os01g0143300	OsR498G0100159600.01.T01	Mitochondrial glycoprotein family protein, putative isoform 1
maker-1-augustus-gene-24.78-mRNA-1	Japonica	NA		Os01g0144100	OsR498G0100162800.01.T01	Thylakoid luminal protein 1, chloroplastic
maker-1-augustus-gene-247.28-mRNA-1	Japonica	NA		Os01g0609066	OsR498G0101514000.01.T02	ABC transporter G family member 34
maker-1-augustus-gene-25.13-mRNA-1	Japonica	NA			OsR498G0100172200.01.T02	Putative E3 ubiquitin-protein ligase
maker-1-augustus-gene-25.2-mRNA-1	Japonica	NA				TFIIIS N-terminal domain-containing protein (Fragment)
maker-1-augustus-gene-25.6-mRNA-1	Japonica	Indica		Os11g0704800	OsR498G0100171500.01.T01	RHOMBOID-like protein (Fragment)
maker-1-augustus-gene-256.64-mRNA-1	Japonica	NA			OsR498G0101575300.01.T01	Kinesin-like protein KIN-13B
maker-1-augustus-gene-257.52-mRNA-1	Japonica	Japonica		Os01g0627933	OsR498G0101582500.01.T01	Secologanin synthase
maker-1-augustus-gene-257.53-mRNA-1	Japonica	Japonica		Os01g0627966	OsR498G0101582500.01.T01	Cytochrome P450 monooxygenase
maker-1-augustus-gene-257.60-mRNA-1	Japonica	Indica		Os01g0627900	OsR498G0101583500.01.T01	Secologanin synthase
maker-1-augustus-gene-258.10-mRNA-1	Japonica	NA	Kinase-TM	Os01g0629900	OsR498G0101587800.01.T02	Mitogen-activated protein kinase
maker-1-augustus-gene-258.7-mRNA-1	Japonica	NA			OsR498G0101586100.01.T07	FCP1 homology domain-containing protein
maker-1-augustus-gene-259.1-mRNA-1	Japonica	NA		Os03g0855700		DUF223 domain-containing protein
maker-1-augustus-gene-259.2-mRNA-1	Japonica	Indica		Os01g0630700	OsR498G0101590100.01.T01	AT hook motif-containing protein, putative, expressed
maker-1-augustus-gene-259.20-mRNA-1	Japonica	NA		Os01g0631100	OsR498G0101592900.01.T01	Protein REDUCED WALL ACETYLATION like
maker-1-augustus-gene-259.26-mRNA-1	Japonica	Indica		Os01g0631200	OsR498G0101593100.01.T03	Uroporphyrin methylase 1
maker-1-augustus-gene-259.29-mRNA-1	Japonica	Indica		Os01g0631400	OsR498G0101593500.01.T01	Glycerol-3-phosphate 1-O-acyltransferase
maker-1-augustus-gene-259.3-mRNA-1	Japonica	Japonica		Os01g0630700	OsR498G0102324800.01.T02	DUF223 domain-containing protein
maker-1-augustus-gene-259.31-mRNA-1	Japonica	NA		Os01g0631500	OsR498G0101593900.01.T01	Carbohydrate-binding X8 domain superfamily protein, putative
maker-1-augustus-gene-259.33-mRNA-1	Japonica	NA	Kinase-TM	Os01g0631700	OsR498G0101594500.01.T03	Receptor-like protein kinase
maker-1-augustus-gene-259.38-mRNA-1	Japonica	NA				Transposable element protein, putative, MuDR
maker-1-augustus-gene-259.42-mRNA-1	Japonica	Indica	NBS	Os12g0539800	OsR498G0101591800.01.T01	
maker-1-augustus-gene-26.33-mRNA-1	Japonica	Indica		Os01g0147600	OsR498G0100172400.01.T01	Centromere protein B
maker-1-augustus-gene-26.36-mRNA-1	Japonica	NA			OsR498G0100172600.01.T02	Factor of DNA methylation 1
maker-1-augustus-gene-260.0-mRNA-1	Japonica	NA		Os01g0631900		Aspartic proteinase
maker-1-augustus-gene-261.45-mRNA-1	Japonica	NA		Os01g0635400	OsR498G0101603500.01.T02	Coatomer beta subunit
maker-1-augustus-gene-261.51-mRNA-1	Japonica	NA		Os01g0634300	OsR498G0101600400.01.T03	Auxilin-like protein 1
maker-1-augustus-gene-261.55-mRNA-1	Japonica	Indica		Os01g0842500	OsR498G0101601600.01.T01	Laccase
maker-1-augustus-gene-261.57-mRNA-1	Japonica	NA		Os01g0634600	OsR498G0101601800.01.T01	Pectinesterase
maker-1-augustus-gene-262.11-mRNA-1	Japonica	NA		Os01g0636700		SWI/SNF-related matrix-associated actin-dependent regulator 1 of chromatin
maker-1-augustus-gene-262.4-mRNA-1	Japonica	Indica		Os02g0706900	OsR498G0101606000.01.T01	AB hydrolase-1 domain-containing protein
maker-1-augustus-gene-262.7-mRNA-1	Japonica	NA		Os01g0637600	OsR498G0101612800.01.T01	Peptide deformylase
maker-1-augustus-gene-263.0-mRNA-1	Japonica	NA		Os01g0637800	OsR498G0101613100.01.T01	Myb-like transcription factor EOBI (Fragment)
maker-1-augustus-gene-263.10-mRNA-1	Japonica	NA		Os01g0637600	OsR498G0101612800.01.T01	Peptide deformylase
maker-1-augustus-gene-263.14-mRNA-1	Japonica	NA		Os01g0639200	OsR498G0101616800.01.T01	Cinnamoyl-CoA reductase 2
maker-1-augustus-gene-263.2-mRNA-1	Japonica	NA		Os01g0639100	OsR498G0101616500.01.T03	Eukaryotic translation initiation factor
maker-1-augustus-gene-263.7-mRNA-1	Japonica	NA				
maker-1-augustus-gene-264.35-mRNA-1	Japonica	NA		Os01g0639900	OsR498G0101621700.01.T03	Carbonic anhydrase, chloroplastic
maker-1-augustus-gene-264.49-mRNA-1	Japonica	NA	Kinase-TM	Os01g0641000	OsR498G0101624900.01.T01	Serine/threonine-protein kinase STY8
maker-1-augustus-gene-264.51-mRNA-1	Japonica	NA			OsR498G0101625100.01.T01	5'-deoxynucleotidase
maker-1-augustus-gene-264.57-mRNA-1	Japonica	NA		Os01g0640800	OsR498G0101624600.01.T04	Ribosomal RNA large subunit methyltransferase RlmN
maker-1-augustus-gene-265.39-mRNA-1	Japonica	Indica		Os01g0643300	OsR498G0101632900.01.T01	Auxin efflux carrier component
maker-1-augustus-gene-266.0-mRNA-1	Japonica	NA		Os01g0644000	OsR498G0101637100.01.T01	
maker-1-augustus-gene-266.10-mRNA-1	Japonica	NA				MHD2 domain-containing protein
maker-1-augustus-gene-266.12-mRNA-1	Japonica	NA		Os01g0645000	OsR498G0101640600.01.T01	Butyrate response factor 1
maker-1-augustus-gene-266.2-mRNA-1	Japonica	NA		Os01g0643600	OsR498G0101634400.01.T01	Homeobox-leucine zipper protein ATHB-4
maker-1-augustus-gene-267.0-mRNA-1	Japonica	NA		Os01g0645200	OsR498G0101641700.01.T02	Sodium/pyruvate cotransporter BASS2, chloroplastic
maker-1-augustus-gene-267.7-mRNA-1	Japonica	NA			OsR498G0101643100.01.T01	Flavin-containing monooxygenase
maker-1-augustus-gene-267.9-mRNA-1	Japonica	NA		Os01g0647000	OsR498G0101647300.01.T01	F-box domain
maker-1-augustus-gene-268.0-mRNA-1	Japonica	NA		Os01g0647700	OsR498G0101650500.01.T04	AB hydrolase-1 domain-containing protein
maker-1-augustus-gene-268.12-mRNA-1	Japonica	NA		Os01g0648000	OsR498G0101651000.01.T01	Potassium channel
maker-1-augustus-gene-268.7-mRNA-1	Japonica	NA		Os01g0647100	OsR498G0101647600.01.T01	ADP,ATP carrier protein (Fragment)
maker-1-augustus-gene-268.9-mRNA-1	Japonica	NA			OsR498G1119498700.01.T01	
maker-1-augustus-gene-269.0-mRNA-1	Japonica	NA				Small-subunit processome, Utp12
maker-1-augustus-gene-269.10-mRNA-1	Japonica	Indica		Os01g0649900	OsR498G0101655500.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-269.16-mRNA-1	Japonica	NA		Os01g0649400	OsR498G0101655700.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-269.19-mRNA-1	Japonica	NA		Os01g0649900	OsR498G0101656100.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-269.22-mRNA-1	Japonica	Japonica		Os01g0650000	OsR498G0101656300.01.T02	
maker-1-augustus-gene-269.6-mRNA-1	Japonica	NA		Os01g0649100	OsR498G0101655100.01.T01	Malate dehydrogenase
maker-1-augustus-gene-27.71-mRNA-1	Japonica	NA		Os01g0150000	OsR498G0100179800.01.T01	very-long-chain enoyl-CoA reductase isoform X1

maker-1-augustus-gene-270.0-mRNA-1	Japonica	Japonica		Os01g0650900	OsR498G0101660700.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-270.11-mRNA-1	Japonica	NA		Os01g0651800	OsR498G0101662900.01.T01	Phospholipase A1-IIgamma
maker-1-augustus-gene-270.13-mRNA-1	Japonica	NA			OsR498G0101664300.01.T01	Tetrahricopeptide repeat-like superfamily protein isoform 1
maker-1-augustus-gene-270.2-mRNA-1	Japonica	NA			OsR498G0101660700.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-270.21-mRNA-1	Japonica	NA		Os01g0652100	OsR498G0101664600.01.T01	Protein trichome birefringence-like protein 38
maker-1-augustus-gene-270.5-mRNA-1	Japonica	NA		Os01g0651200	OsR498G0101661100.01.T03	Phospholipase A1-IIgamma
maker-1-augustus-gene-270.7-mRNA-1	Japonica	NA			OsR498G0101661500.01.T02	SGNH hydrolase-type esterase superfamily protein, putative
maker-1-augustus-gene-270.8-mRNA-1	Japonica	NA		Os01g0651400	OsR498G0101661500.01.T02	
maker-1-augustus-gene-271.26-mRNA-1	Japonica	NA		Os01g0652600	OsR498G0101665700.01.T03	Acetohydroxy-acid reductoisomerase
maker-1-augustus-gene-271.32-mRNA-1	Japonica	Indica		Os05g0574100	OsR498G0101665200.01.T02	Phospholipase A1-IIgamma
maker-1-augustus-gene-271.34-mRNA-1	Japonica	NA		Os01g0652800	OsR498G0101666400.01.T01	Leaf senescence protein-like
maker-1-augustus-gene-271.36-mRNA-1	Japonica	NA		Os01g0653100	OsR498G0101668200.01.T01	Leaf senescence protein-like
maker-1-augustus-gene-271.38-mRNA-1	Japonica	NA			OsR498G0101669800.01.T01	Small subunit rRNA processing factor, putative
maker-1-augustus-gene-271.40-mRNA-1	Japonica	NA		Os01g0653800	OsR498G0101671400.01.T03	Transcription initiation factor TFIID subunit 5
maker-1-augustus-gene-272.20-mRNA-1	Japonica	NA		Os01g0654500	OsR498G0101677000.01.T01	Isocitrate dehydrogenase [NADP]
maker-1-augustus-gene-273.0-mRNA-1	Japonica	NA		Os01g0654966		
maker-1-augustus-gene-273.19-mRNA-1	Japonica	NA		Os01g0655500	OsR498G0101681300.01.T01	Serine/threonine-protein kinase STN7, chloroplastic
maker-1-augustus-gene-273.25-mRNA-1	Japonica	NA		Os01g0655800	OsR498G0101682500.01.T08	Fatty acyl-CoA synthetase A
maker-1-augustus-gene-273.34-mRNA-1	Japonica	NA			OsR498G0101679000.01.T01	
maker-1-augustus-gene-273.8-mRNA-1	Japonica	NA			OsR498G0101680700.01.T01	histone-lysine N-methyltransferase ATX4-like isoform X1
maker-1-augustus-gene-274.0-mRNA-1	Japonica	Japonica		Os01g0656900	OsR498G0101687300.01.T02	
maker-1-augustus-gene-274.3-mRNA-1	Japonica	Japonica		Os01g0657000	OsR498G0203372600.01.T01	Arabinogalactan peptide, AGP
maker-1-augustus-gene-274.7-mRNA-1	Japonica	NA			OsR498G0101686000.01.T01	Myosin heavy chain-like
maker-1-augustus-gene-274.9-mRNA-1	Japonica	NA		Os01g0657100	OsR498G0101687800.01.T01	H(+)/Pi cotransporter
maker-1-augustus-gene-275.29-mRNA-1	Japonica	Indica		Os06g0330400	OsR498G0101691100.01.T01	Aldehyde oxygenase (deformylating)
maker-1-augustus-gene-275.31-mRNA-1	Japonica	NA		Os01g0659200	OsR498G0101691900.01.T02	V-type proton ATPase subunit E like
maker-1-augustus-gene-275.36-mRNA-1	Japonica	NA		Os01g0659900	OsR498G0101693900.01.T01	F-box/kelch-repeat protein At3g61590
maker-1-augustus-gene-275.39-mRNA-1	Japonica	NA		Os01g0658400	OsR498G0101690600.01.T03	UBC core domain-containing protein (Fragment)
maker-1-augustus-gene-275.41-mRNA-1	Japonica	NA			OsR498G0101690800.01.T01	Vacuolar protein sorting-associated protein 25
maker-1-augustus-gene-275.45-mRNA-1	Japonica	NA		Os01g0658700	OsR498G0101691400.01.T01	Glucose-6-phosphate 1-epimerase
maker-1-augustus-gene-275.49-mRNA-1	Japonica	NA		Os01g0658900	OsR498G0101691600.01.T01	G-box binding factor
maker-1-augustus-gene-276.26-mRNA-1	Japonica	NA		Os01g0660900	OsR498G0101697900.01.T02	DUF588 domain-containing protein
maker-1-augustus-gene-276.30-mRNA-1	Japonica	NA		Os01g0661000	OsR498G0101698100.01.T03	DUF588 domain-containing protein
maker-1-augustus-gene-276.32-mRNA-1	Japonica	NA		Os01g0661400	OsR498G0101698300.01.T04	Ribosomal RNA-processing protein 40
maker-1-augustus-gene-276.37-mRNA-1	Japonica	NA		Os01g0661500	OsR498G0101698300.01.T05	AMSH-like ubiquitin thioesterase 2
maker-1-augustus-gene-276.39-mRNA-1	Japonica	Indica		Os10g0571200	OsR498G0101695000.01.T01	Pyruvate kinase
maker-1-augustus-gene-277.46-mRNA-1	Japonica	Indica		Os01g0663300	OsR498G0101703900.01.T01	Mannan endo-1,4-beta-mannosidase
maker-1-augustus-gene-277.50-mRNA-1	Japonica	NA		Os01g0663500	OsR498G0101704500.01.T04	Pterin-4-alpha-carbinolamine dehydratase 2, mitochondrial
maker-1-augustus-gene-277.56-mRNA-1	Japonica	NA		Os01g0664000	OsR498G0101705300.01.T02	PDZ domain-containing protein
maker-1-augustus-gene-277.65-mRNA-1	Japonica	NA		Os01g0662600	OsR498G0101701400.01.T01	Iron-sulfur cluster assembly protein 1
maker-1-augustus-gene-277.67-mRNA-1	Japonica	NA		Os01g0662700	OsR498G0101701600.01.T01	1,4-dihydroxy-2-naphthoyl-CoA synthase, peroxisomal like
maker-1-augustus-gene-277.71-mRNA-1	Japonica	Japonica		Os01g0662800	OsR498G0101701800.01.T01	GATA transcription factor 19
maker-1-augustus-gene-277.73-mRNA-1	Japonica	NA		Os01g0663400		Aspartic proteinase
maker-1-augustus-gene-277.75-mRNA-1	Japonica	NA		Os01g0663800	OsR498G0101704800.01.T03	GBF-interacting protein 1
maker-1-augustus-gene-277.80-mRNA-1	Japonica	NA	Kinase-TM	Os01g0664200	OsR498G0101706400.01.T01	Putative serine/threonine-protein kinase
maker-1-augustus-gene-278.40-mRNA-1	Japonica	NA	Kinase-TM	Os01g0665200	OsR498G0101709700.01.T01	Mitogen-activated protein kinase
maker-1-augustus-gene-278.45-mRNA-1	Japonica	NA		Os01g0665400	OsR498G0101710100.01.T02	Ribokinase
maker-1-augustus-gene-278.47-mRNA-1	Japonica	NA				High mobility group box domain
maker-1-augustus-gene-278.50-mRNA-1	Japonica	NA		Os01g0665300	OsR498G0101710000.01.T02	FCP1 homology domain-containing protein
maker-1-augustus-gene-278.55-mRNA-1	Japonica	Japonica		Os01g0665500	OsR498G0101711000.01.T01	WRKY transcription factor
maker-1-augustus-gene-278.58-mRNA-1	Japonica	NA		Os01g0666000	OsR498G0101714600.01.T02	acidPPc domain-containing protein
maker-1-augustus-gene-279.30-mRNA-1	Japonica	NA		Os01g0666600	OsR498G0101715500.01.T01	Alpha/beta-Hydrolases superfamily protein
maker-1-augustus-gene-279.32-mRNA-1	Japonica	NA			OsR498G0101716900.01.T02	
maker-1-augustus-gene-279.35-mRNA-1	Japonica	NA			OsR498G0101718500.01.T01	Peroxidase
maker-1-augustus-gene-279.37-mRNA-1	Japonica	NA		Os01g0667600	OsR498G0101720100.01.T01	
maker-1-augustus-gene-279.39-mRNA-1	Japonica	NA		Os01g0666400	OsR498G0101715200.01.T01	Lipase class 3-like
maker-1-augustus-gene-279.41-mRNA-1	Japonica	NA		Os01g0666500	OsR498G0101715400.01.T02	Cytochrome b561/ferric reductase transmembrane protein family
maker-1-augustus-gene-279.43-mRNA-1	Japonica	NA		Os01g0666900	OsR498G0101717400.01.T01	Urease accessory protein G
maker-1-augustus-gene-279.46-mRNA-1	Japonica	Indica		Os01g0667100	OsR498G0101718000.01.T01	Hydroxyacylglutathione hydrolase 3, mitochondrial
maker-1-augustus-gene-279.48-mRNA-1	Japonica	NA		Os01g0667200	OsR498G0101718200.01.T01	Hydroxyacylglutathione hydrolase 3, mitochondrial
maker-1-augustus-gene-279.53-mRNA-1	Japonica	NA			OsR498G0101719200.01.T01	Homeobox domain-containing protein (Fragment)

maker-1-augustus-gene-279.55-mRNA-1	Japonica	NA		Os01g0667700	OsR498G0101720400.01.T03	E3 ubiquitin-protein ligase arkadia isoform X2
maker-1-augustus-gene-28.15-mRNA-1	Japonica	Indica		Os01g0151400	OsR498G0100183500.01.T01	Gamma-glutamyltranspeptidase 3
maker-1-augustus-gene-28.30-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os01g0152000	OsR498G0100183500.01.T01	LRR receptor-like serine/threonine-protein kinase EFR
maker-1-augustus-gene-280.33-mRNA-1	Japonica	NA		Os01g0668000	OsR498G0101723500.01.T01	Nuclear distribution protein NUDC
maker-1-augustus-gene-280.36-mRNA-1	Japonica	NA			OsR498G0101724300.01.T03	PHD-type domain-containing protein (Fragment)
maker-1-augustus-gene-281.1-mRNA-1	Japonica	NA		Os01g0670800	OsR498G0101731800.01.T01	Auxin response factor
maker-1-augustus-gene-282.23-mRNA-1	Japonica	Indica		Os05g0562400	OsR498G0101736100.01.T02	Homeobox-DDT domain protein RLT1
maker-1-augustus-gene-282.35-mRNA-1	Japonica	NA		Os01g0672400	OsR498G0101736500.01.T01	Drought-induced 19
maker-1-augustus-gene-282.40-mRNA-1	Japonica	NA			OsR498G0101734600.01.T03	NAC transcriptional factor
maker-1-augustus-gene-283.34-mRNA-1	Japonica	NA		Os01g0672700	OsR498G0101737900.01.T01	Non-canonical poly(A) RNA polymerase
maker-1-augustus-gene-283.40-mRNA-1	Japonica	Indica		Os01g0672800	OsR498G0101738400.01.T01	DUF1421 domain-containing protein (Fragment)
maker-1-augustus-gene-283.43-mRNA-1	Japonica	NA	NBS-TM		OsR498G0101739800.01.T04	Katanin p60 ATPase-containing subunit
maker-1-augustus-gene-283.48-mRNA-1	Japonica	NA		Os01g0673600	OsR498G0101740200.01.T01	UBC core domain-containing protein (Fragment)
maker-1-augustus-gene-283.52-mRNA-1	Japonica	Indica		Os01g0673800	OsR498G0101741200.01.T06	ATP synthase protein I
maker-1-augustus-gene-283.55-mRNA-1	Japonica	NA			OsR498G0101744400.01.T03	RING/U-box superfamily protein
maker-1-augustus-gene-283.61-mRNA-1	Japonica	NA			OsR498G0101745400.01.T01	Serine/threonine-protein kinase EDR1
maker-1-augustus-gene-284.34-mRNA-1	Japonica	NA			OsR498G0101747500.01.T04	Pentatricopeptide repeat-containing protein chloroplastic
maker-1-augustus-gene-284.39-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0101747700.01.T01	Protein MALE DISCOVERER 1
maker-1-augustus-gene-284.46-mRNA-1	Japonica	NA		Os01g0675000	OsR498G0101748500.01.T01	PRONE domain-containing protein (Fragment)
maker-1-augustus-gene-284.48-mRNA-1	Japonica	NA		Os01g0675700	OsR498G0101750900.01.T03	Auxin-responsive protein IAA5
maker-1-augustus-gene-284.51-mRNA-1	Japonica	NA		Os01g0675100	OsR498G0101748800.01.T01	Glutaredoxin-dependent peroxiredoxin
maker-1-augustus-gene-284.54-mRNA-1	Japonica	NA		Os01g0675500	OsR498G0101749600.01.T01	Glycosyltransferases
maker-1-augustus-gene-285.0-mRNA-1	Japonica	Japonica		Os01g0676900	OsR498G0101755300.01.T02	SPOROCTELESS-like EAR-containing protein 3
maker-1-augustus-gene-285.10-mRNA-1	Japonica	NA				Ubiquitin-conjugating enzyme 25
maker-1-augustus-gene-285.12-mRNA-1	Japonica	NA				USP domain-containing protein
maker-1-augustus-gene-285.4-mRNA-1	Japonica	NA		Os01g0677000	OsR498G0101755700.01.T01	Glyoxal oxidase
maker-1-augustus-gene-286.30-mRNA-1	Japonica	NA		Os01g0678600	OsR498G0101760500.01.T01	30S ribosomal protein S20 chloroplastic
maker-1-augustus-gene-286.32-mRNA-1	Japonica	NA		Os01g0679000	OsR498G0101761900.01.T03	RNA polymerase III subunit C3
maker-1-augustus-gene-286.36-mRNA-1	Japonica	NA		Os01g0679600	OsR498G0101763500.01.T01	UPF0678 fatty acid-binding protein-like protein isoform A
maker-1-augustus-gene-286.38-mRNA-1	Japonica	NA		Os01g0679900	OsR498G0101764500.01.T01	Evolutionarily conserved C-terminal region 8
maker-1-augustus-gene-286.42-mRNA-1	Japonica	NA				Two-pore calcium channel
maker-1-augustus-gene-286.46-mRNA-1	Japonica	NA		Os01g0678700	OsR498G0101760800.01.T01	Transcription factor-like protein DPB
maker-1-augustus-gene-286.50-mRNA-1	Japonica	NA		Os01g0678800	OsR498G0101761000.01.T01	HMA domain-containing protein
maker-1-augustus-gene-286.52-mRNA-1	Japonica	NA		Os01g0679700	OsR498G0101763800.01.T01	Ribosomal protein L37ae
maker-1-augustus-gene-287.31-mRNA-1	Japonica	NA		Os01g0680400	OsR498G0101767300.01.T01	TAFII28 domain-containing protein (Fragment)
maker-1-augustus-gene-287.34-mRNA-1	Japonica	Indica		Os05g0556100	OsR498G0101770300.01.T01	Dynamin-related protein 5A
maker-1-augustus-gene-287.38-mRNA-1	Japonica	NA		Os01g0681600	OsR498G0101771700.01.T01	Autophagy 6 isoform 1
maker-1-augustus-gene-287.40-mRNA-1	Japonica	NA		Os01g0680700	OsR498G0101768200.01.T01	Linker for activation of T-cells family member 2
maker-1-augustus-gene-287.45-mRNA-1	Japonica	Indica		Os01g0680900	OsR498G0101769600.01.T01	Cytochrome b561 and DOMON domain-containing protein
maker-1-augustus-gene-287.48-mRNA-1	Japonica	NA		Os01g0681000	OsR498G0101770000.01.T01	Diacylglycerol O-acyltransferase
maker-1-augustus-gene-287.51-mRNA-1	Japonica	NA		Os01g0681200	OsR498G0101770600.01.T03	Long chain acyl-CoA synthetase 4
maker-1-augustus-gene-287.57-mRNA-1	Japonica	NA		Os01g0681400	OsR498G0101771000.01.T03	beclin-1-like protein isoform X1
maker-1-augustus-gene-287.60-mRNA-1	Japonica	NA		Os01g0681900	OsR498G0101772400.01.T03	NADH-dependent glutamate synthase
maker-1-augustus-gene-288.28-mRNA-1	Japonica	NA		Os01g0682500	OsR498G0101775100.01.T01	D-glycerate 3-kinase chloroplastic
maker-1-augustus-gene-288.33-mRNA-1	Japonica	NA		Os01g0683100	OsR498G0101775900.01.T01	Katanin p60 ATPase-containing subunit A1
maker-1-augustus-gene-288.35-mRNA-1	Japonica	NA		Os01g0683400	OsR498G0101778300.01.T06	Origin of replication complex subunit 4
maker-1-augustus-gene-288.42-mRNA-1	Japonica	NA			OsR498G0101778700.01.T02	ER membrane protein complex subunit 6
maker-1-augustus-gene-288.47-mRNA-1	Japonica	NA		Os01g0683700	OsR498G0101778900.01.T02	
maker-1-augustus-gene-288.49-mRNA-1	Japonica	NA		Os01g0684200	OsR498G0101779900.01.T08	Protein prenyltransferase superfamily protein
maker-1-augustus-gene-288.59-mRNA-1	Japonica	Indica		Os05g0554400	OsR498G0101778600.01.T03	CDP-diacylglycerol--serine O-phosphatidyltransferase 1 isoform X1
maker-1-augustus-gene-289.0-mRNA-1	Japonica	Indica		Os01g0684200	OsR498G0101781300.01.T02	protein prenyltransferase alpha subunit repeat-containing protein 1-B
maker-1-augustus-gene-289.10-mRNA-1	Japonica	NA		Os01g0685800	OsR498G0101784700.01.T01	ATP synthase subunit beta
maker-1-augustus-gene-289.16-mRNA-1	Japonica	NA		Os01g0685900	OsR498G0101784900.01.T01	65-kDa microtubule-associated protein 3
maker-1-augustus-gene-289.20-mRNA-1	Japonica	NA		Os01g0684900	OsR498G0101781600.01.T03	Protein DETOXIFICATION
maker-1-augustus-gene-289.24-mRNA-1	Japonica	NA			OsR498G0101782000.01.T01	t-SNARE coiled-coil homology domain-containing protein (Fragment)
maker-1-augustus-gene-289.27-mRNA-1	Japonica	NA			OsR498G0101784200.01.T01	DNA ligase
maker-1-augustus-gene-289.8-mRNA-1	Japonica	Indica		Os01g0685400	OsR498G0101782700.01.T01	Transcription factor RAX3
maker-1-augustus-gene-29.59-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os01g0152600	OsR498G0100187100.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-29.60-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os01g0152800	OsR498G0100189500.01.T01	LRR receptor-like serine/threonine-protein kinase EFR
maker-1-augustus-gene-29.83-mRNA-1	Japonica	Indica		Os01g0153500	OsR498G0100192100.01.T01	
maker-1-augustus-gene-29.92-mRNA-1	Japonica	NA				DUF674 domain-containing protein

maker-1-augustus-gene-290.0-mRNA-1	Japonica	NA			OsR498G0101787100.01.T01	Protein-lysine N-methyltransferase
maker-1-augustus-gene-290.11-mRNA-1	Japonica	NA		Os01g0687500	OsR498G0101790100.01.T05	Methionyl-tRNA formyltransferase, mitochondrial
maker-1-augustus-gene-290.16-mRNA-1	Japonica	Indica		Os01g0686700	OsR498G0101788000.01.T01	RING-CH-type domain-containing protein
maker-1-augustus-gene-290.19-mRNA-1	Japonica	NA		Os01g0687600	OsR498G0101790400.01.T02	serine/arginine-rich splicing factor 4-like isoform X1
maker-1-augustus-gene-290.21-mRNA-1	Japonica	Japonica		Os01g0687700	OsR498G0101790400.01.T04	Regulator of Vps4 activity in the MVB pathway protein
maker-1-augustus-gene-290.26-mRNA-1	Japonica	NA		Os01g0687800	OsR498G0101791000.01.T01	L-gulonolactone oxidase
maker-1-augustus-gene-290.28-mRNA-1	Japonica	NA		Os01g0688200	OsR498G0101791800.01.T02	Caffeoylshikimate esterase
maker-1-augustus-gene-290.5-mRNA-1	Japonica	NA		Os01g0686800	OsR498G0101788300.01.T02	Guanine nucleotide-binding protein subunit beta-like protein A
maker-1-augustus-gene-290.7-mRNA-1	Japonica	NA		Os01g0687300	OsR498G0101789300.01.T05	
maker-1-augustus-gene-291.11-mRNA-1	Japonica	Indica		Os01g0688600	OsR498G0101794400.01.T01	Formin-like protein 18
maker-1-augustus-gene-291.13-mRNA-1	Japonica	Indica		Os05g0460000	OsR498G0101795400.01.T02	Heat shock protein cognate 70
maker-1-augustus-gene-291.15-mRNA-1	Japonica	Indica		Os05g0551000	OsR498G0101796800.01.T03	Zinc finger protein BRUTUS (Fragment)
maker-1-augustus-gene-291.20-mRNA-1	Japonica	NA		Os01g0689600	OsR498G0101798600.01.T05	Retrovirus-related Pol polyprotein LINE-1
maker-1-augustus-gene-291.26-mRNA-1	Japonica	Indica	Kinase-TM	Os01g0689900	OsR498G0101799400.01.T01	Wall-associated receptor-like kinase 2
maker-1-augustus-gene-291.4-mRNA-1	Japonica	NA		Os01g0689000	OsR498G0101795900.01.T01	Formin-like protein 5
maker-1-augustus-gene-291.6-mRNA-1	Japonica	NA		Os01g0689800	OsR498G0101799100.01.T01	Alpha/beta hydrolase domain-containing protein 17C-like
maker-1-augustus-gene-292.0-mRNA-1	Japonica	NA				Protein kinase domain-containing protein
maker-1-augustus-gene-292.1-mRNA-1	Japonica	NA	Kinase-TM	Os01g0690800	OsR498G0101800500.01.T01	Protein kinase domain-containing protein (Fragment)
maker-1-augustus-gene-292.17-mRNA-1	Japonica	NA		Os01g0691700	OsR498G0101802300.01.T01	Phytochrome-associated serine/threonine-protein phosphatase
maker-1-augustus-gene-292.22-mRNA-1	Japonica	Indica		Os01g0692300	OsR498G0101803900.01.T01	Protein PLASTID MOVEMENT IMPAIRED 2
maker-1-augustus-gene-292.25-mRNA-1	Japonica	NA		Os01g0692600	OsR498G0101804100.01.T01	Abhydrolase domain-containing protein 1 (Fragment)
maker-1-augustus-gene-292.29-mRNA-1	Japonica	Indica		Os01g0691500	OsR498G0101801800.01.T01	Cytidylyltransferase domain protein
maker-1-augustus-gene-292.4-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0101800900.01.T01	Acidic endochitinase
maker-1-augustus-gene-292.40-mRNA-1	Japonica	NA		Os01g0692100	OsR498G0101803400.01.T01	Glutathione S-transferase GSTU6
maker-1-augustus-gene-292.42-mRNA-1	Japonica	Indica		Os01g0692700	OsR498G0101804400.01.T01	E3 ubiquitin ligase BIG BROTHUR
maker-1-augustus-gene-292.7-mRNA-1	Japonica	Indica		Os01g0691400	OsR498G0101801500.01.T01	Reticulon-like protein (Fragment)
maker-1-augustus-gene-293.0-mRNA-1	Japonica	NA		Os01g0693300	OsR498G0101806500.01.T03	Lipid phosphate phosphatase 2
maker-1-augustus-gene-293.15-mRNA-1	Japonica	NA		Os01g0694200	OsR498G0101815200.01.T03	
maker-1-augustus-gene-293.18-mRNA-1	Japonica	NA			OsR498G0101815600.01.T01	Symplekin
maker-1-augustus-gene-293.3-mRNA-1	Japonica	NA	Kinase-LRR-TM			Receptor kinase MRKa
maker-1-augustus-gene-293.5-mRNA-1	Japonica	NA	Kinase-LRR-TM			Leucine-rich repeat receptor kinase-like protein
maker-1-augustus-gene-293.8-mRNA-1	Japonica	NA		Os01g0693900	OsR498G0101813400.01.T03	Peptidyl-tRNA hydrolase chloroplastic
maker-1-augustus-gene-294.0-mRNA-1	Japonica	NA		Os01g0694900	OsR498G0101817300.01.T05	ENTH domain-containing protein (Fragment)
maker-1-augustus-gene-294.10-mRNA-1	Japonica	Indica		Os01g0695200	OsR498G0101818100.01.T01	Core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase family protein
maker-1-augustus-gene-294.16-mRNA-1	Japonica	NA		Os01g0695700	OsR498G0101819100.01.T06	ABC transporter B family member 9
maker-1-augustus-gene-294.22-mRNA-1	Japonica	NA		Os01g0695900	OsR498G0101820100.01.T01	Transcription repressor MYB5
maker-1-augustus-gene-294.24-mRNA-1	Japonica	NA			OsR498G0101820500.01.T05	ABC transporter B family member 4-like
maker-1-augustus-gene-294.27-mRNA-1	Japonica	Indica		Os01g0695300	OsR498G0101818600.01.T03	Farnesyl pyrophosphate synthetase
maker-1-augustus-gene-294.28-mRNA-1	Japonica	NA			OsR498G0101818600.01.T05	D-cysteine desulfhydrase 2 mitochondrial
maker-1-augustus-gene-294.43-mRNA-1	Japonica	NA				p-glycoprotein-like
maker-1-augustus-gene-294.48-mRNA-1	Japonica	NA		Os01g0696100	OsR498G0101820800.01.T02	Two-pore potassium channel 2
maker-1-augustus-gene-294.5-mRNA-1	Japonica	NA		Os01g0695100	OsR498G0101817900.01.T01	Phosphomethylethanolamine N-methyltransferase-like
maker-1-augustus-gene-295.0-mRNA-1	Japonica	Indica		Os01g0695700	OsR498G0101822500.01.T01	ABC transporter B family member 4
maker-1-augustus-gene-295.10-mRNA-1	Japonica	NA		Os01g0698300		Zinc finger BED domain-containing protein DAYSLEEPER
maker-1-augustus-gene-295.5-mRNA-1	Japonica	NA		Os01g0698100	OsR498G0101826700.01.T03	SWAP (Suppressor-of-White-APricot)/surp domain-containing protein
maker-1-augustus-gene-296.0-mRNA-1	Japonica	NA		Os01g0698900	OsR498G0101828700.01.T01	Nascent polypeptide associated complex alpha subunit
maker-1-augustus-gene-296.11-mRNA-1	Japonica	NA		Os01g0700200	OsR498G0101835300.01.T04	E3 ubiquitin-protein ligase HERC2
maker-1-augustus-gene-296.16-mRNA-1	Japonica	Japonica		Os01g0700500	OsR498G0101835700.01.T01	Cytochrome P450 family 706 subfamily A polypeptide 5
maker-1-augustus-gene-296.18-mRNA-1	Japonica	Indica		Os01g0698800	OsR498G0101828000.01.T01	
maker-1-augustus-gene-296.20-mRNA-1	Japonica	NA	Kinase	Os01g0699500	OsR498G0101831600.01.T01	Putative MAPKKK family protein kinase
maker-1-augustus-gene-296.21-mRNA-1	Japonica	Indica		Os01g0701700	OsR498G0101835600.01.T01	SABATH methyltransferase 5
maker-1-augustus-gene-296.4-mRNA-1	Japonica	NA		Os01g0699900	OsR498G0101833700.01.T01	Plasma membrane associated protein-like protein (Fragment)
maker-1-augustus-gene-296.6-mRNA-1	Japonica	NA		Os01g0700000	OsR498G0101834700.01.T02	
maker-1-augustus-gene-296.8-mRNA-1	Japonica	NA		Os01g0700100	OsR498G0101835100.01.T01	Bidirectional sugar transporter SWEET
maker-1-augustus-gene-297.1-mRNA-1	Japonica	Japonica		Os01g0701300	OsR498G0101836700.01.T01	Thromboxane-A synthase
maker-1-augustus-gene-297.13-mRNA-1	Japonica	NA		Os01g0702000	OsR498G0101838600.01.T03	BFN domain-containing protein (Fragment)
maker-1-augustus-gene-297.4-mRNA-1	Japonica	Indica		Os01g0701500	OsR498G0101836900.01.T01	Thromboxane-A synthase
maker-1-augustus-gene-297.8-mRNA-1	Japonica	Indica		Os01g0701900	OsR498G0101838400.01.T03	Putative CRAL/TRIO domain containing, Sec14p-like phosphatidylinositol tra
maker-1-augustus-gene-298.0-mRNA-1	Japonica	NA		Os01g0702300	OsR498G0101839700.01.T01	Subtilisin-like serine protease
maker-1-augustus-gene-298.14-mRNA-1	Japonica	NA		Os01g0702500	OsR498G0101840500.01.T01	Dehydrin Xero 1
maker-1-augustus-gene-298.16-mRNA-1	Japonica	NA			OsR498G0101843700.01.T01	RING/U-box domain-containing protein isoform 2

maker-1-augustus-gene-298.18-mRNA-1	Japonica	NA		Os01g0703400	OsR498G0101844100.01.T01	Farnesyl pyrophosphate synthase mRNA
maker-1-augustus-gene-298.23-mRNA-1	Japonica	NA		Os01g0703600	OsR498G0101844300.01.T01	MHD domain-containing protein
maker-1-augustus-gene-298.3-mRNA-1	Japonica	NA		Os01g0702400	OsR498G0101839900.01.T01	J domain-containing protein
maker-1-augustus-gene-298.30-mRNA-1	Japonica	NA			OsR498G0101845300.01.T04	Transmembrane protein, putative
maker-1-augustus-gene-298.35-mRNA-1	Japonica	NA		Os01g0702700	OsR498G0101841800.01.T01	MYB transcription factor
maker-1-augustus-gene-298.38-mRNA-1	Japonica	NA		Os01g0704000	OsR498G0101844800.01.T01	PMEI domain-containing protein
maker-1-augustus-gene-298.9-mRNA-1	Japonica	Indica		Os01g0702450	OsR498G0101840300.01.T01	J domain-containing protein
maker-1-augustus-gene-299.0-mRNA-1	Japonica	NA			OsR498G0101847100.01.T05	Chloride channel protein CLC-e
maker-1-augustus-gene-299.11-mRNA-1	Japonica	NA			OsR498G0101855500.01.T01	Ribosomal RNA apurinic site specific lyase-like
maker-1-augustus-gene-299.13-mRNA-1	Japonica	NA		Os01g0704400		zf-RVT domain-containing protein
maker-1-augustus-gene-299.16-mRNA-1	Japonica	NA		Os01g0705200	OsR498G0101849200.01.T01	Late embryogenesis abundant protein, group 3
maker-1-augustus-gene-299.18-mRNA-1	Japonica	NA		Os01g0705300	OsR498G0101850000.01.T01	Plastid transcriptionally active7
maker-1-augustus-gene-299.20-mRNA-1	Japonica	NA		Os01g0706000	OsR498G0101854200.01.T01	RNA polymerase II transcriptional coactivator KELP
maker-1-augustus-gene-299.6-mRNA-1	Japonica	NA		Os01g0706100	OsR498G0101854900.01.T01	
maker-1-augustus-gene-299.9-mRNA-1	Japonica	NA			OsR498G0101855100.01.T01	Cullin domain-containing protein
maker-1-augustus-gene-3.0-mRNA-1	Japonica	NA				
maker-1-augustus-gene-3.15-mRNA-1	Japonica	NA		Os01g0104100	OsR498G0100015500.01.T03	E3 ubiquitin-protein ligase CHFR
maker-1-augustus-gene-3.17-mRNA-1	Japonica	Indica		Os01g0104200	OsR498G0100015900.01.T01	NAC transcription factor
maker-1-augustus-gene-3.21-mRNA-1	Japonica	NA		Os01g0104800	OsR498G0100017900.01.T04	Sas10 domain-containing protein
maker-1-augustus-gene-3.26-mRNA-1	Japonica	NA	Kinase-TM	Os01g0104000	OsR498G0100015400.01.T01	C-type lectin receptor-like tyrosine-protein kinase
maker-1-augustus-gene-3.29-mRNA-1	Japonica	NA		Os01g0104600	OsR498G0100017400.01.T04	Light-mediated development protein DET1
maker-1-augustus-gene-3.33-mRNA-1	Japonica	Japonica		Os01g0104900	OsR498G0100018400.01.T01	Omega-hydroxypalmitate O-feruloyl transferase
maker-1-augustus-gene-3.36-mRNA-1	Japonica	Indica		Os01g0104900	OsR498G0100018800.01.T01	Omega-hydroxypalmitate O-feruloyl transferase
maker-1-augustus-gene-3.4-mRNA-1	Japonica	NA		Os01g0103800	OsR498G0100014700.01.T02	Hydroxyproline-rich glycoprotein family protein
maker-1-augustus-gene-3.8-mRNA-1	Japonica	Indica		Os01g0103900	OsR498G0100015100.01.T01	
maker-1-augustus-gene-300.0-mRNA-1	Japonica	NA		Os01g0706400	OsR498G0101856100.01.T01	Regulator of Vps4 activity in the MVB pathway-like protein isoform 1
maker-1-augustus-gene-300.11-mRNA-1	Japonica	NA		Os01g0706700	OsR498G0101856600.01.T04	
maker-1-augustus-gene-300.17-mRNA-1	Japonica	NA		Os01g0706800	OsR498G0101857000.01.T01	Jacalin-type lectin domain-containing protein (Fragment)
maker-1-augustus-gene-300.19-mRNA-1	Japonica	NA		Os01g0706900	OsR498G0101857400.01.T01	IAA-amino acid hydrolase
maker-1-augustus-gene-300.4-mRNA-1	Japonica	NA		Os01g0706500	OsR498G0101856300.01.T02	60S ribosomal protein l28
maker-1-augustus-gene-300.7-mRNA-1	Japonica	NA		Os01g0707300	OsR498G0101858100.01.T01	Vesicle transport v-SNARE 12
maker-1-augustus-gene-301.0-mRNA-1	Japonica	NA		Os01g0708000	OsR498G0101861700.01.T02	Homeodomain-like/winged-helix DNA-binding family protein (Fragment)
maker-1-augustus-gene-301.12-mRNA-1	Japonica	Indica	Kinase	Os05g0593800	OsR498G0101862300.01.T01	Serine/threonine protein kinase
maker-1-augustus-gene-301.17-mRNA-1	Japonica	NA			OsR498G0101862900.01.T03	Trafficking protein particle complex subunit
maker-1-augustus-gene-301.21-mRNA-1	Japonica	NA		Os01g0708900	OsR498G0101864100.01.T01	Graves disease carrier
maker-1-augustus-gene-301.26-mRNA-1	Japonica	NA		Os01g0709000	OsR498G0101864900.01.T01	Transcription factor MYB26
maker-1-augustus-gene-301.29-mRNA-1	Japonica	NA		Os01g0709400	OsR498G0101865300.01.T01	5'-nucleotidase SurE
maker-1-augustus-gene-301.32-mRNA-1	Japonica	NA		Os01g0708500	OsR498G0101862600.01.T04	Cytokinin riboside 5'-monophosphate phosphoribohydrolase
maker-1-augustus-gene-301.38-mRNA-1	Japonica	NA		Os01g0708700	OsR498G0101863200.01.T02	lQ-domain 6
maker-1-augustus-gene-301.40-mRNA-1	Japonica	NA	Kinase-TM	Os01g0709500	OsR498G0101865600.01.T04	Receptor-like serine/threonine-protein kinase ALE2
maker-1-augustus-gene-301.6-mRNA-1	Japonica	NA			OsR498G0101862100.01.T02	Probable magnesium transporter
maker-1-augustus-gene-302.0-mRNA-1	Japonica	NA				WD-40 repeat-containing protein MSI4
maker-1-augustus-gene-302.11-mRNA-1	Japonica	Indica		Os01g0711100	OsR498G0101869900.01.T01	Mitochondrial-processing peptidase subunit beta
maker-1-augustus-gene-302.17-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os01g0711200	OsR498G0101870300.01.T01	Leucine-rich repeat transmembrane protein kinase
maker-1-augustus-gene-302.19-mRNA-1	Japonica	NA		Os01g0711400	OsR498G0101870900.01.T01	Glycine dehydrogenase (aminomethyl-transferring)
maker-1-augustus-gene-302.29-mRNA-1	Japonica	NA		Os01g0711500	OsR498G0101871100.01.T02	Calcineurin B-like protein 9
maker-1-augustus-gene-302.35-mRNA-1	Japonica	NA		Os01g0711600	OsR498G0101871300.01.T01	Reversion-to-ethylene sensitivity1
maker-1-augustus-gene-302.37-mRNA-1	Japonica	Indica		Os01g0924700	OsR498G0101868400.01.T02	Protein kinase domain-containing protein
maker-1-augustus-gene-302.39-mRNA-1	Japonica	NA		Os01g0711800	OsR498G0101872000.01.T01	Nucleosome assembly protein like
maker-1-augustus-gene-302.41-mRNA-1	Japonica	Japonica		Os01g0712500	OsR498G0101874800.01.T02	Cytidine deaminase-like
maker-1-augustus-gene-302.5-mRNA-1	Japonica	NA		Os01g0711000	OsR498G0101869700.01.T02	Vacuolar proton pump subunit B
maker-1-augustus-gene-303.30-mRNA-1	Japonica	NA			OsR498G0101876100.01.T01	Peroxidase
maker-1-augustus-gene-303.32-mRNA-1	Japonica	NA		Os01g0713200	OsR498G0101877100.01.T01	Glucan endo-1,3-beta-glucosidase GII
maker-1-augustus-gene-303.34-mRNA-1	Japonica	Indica		Os01g0713600	OsR498G0101878300.01.T01	B3 domain transcription factor
maker-1-augustus-gene-303.36-mRNA-1	Japonica	Japonica		Os01g0713700	OsR498G0101878900.01.T01	KRR-R motif-containing protein 1
maker-1-augustus-gene-303.39-mRNA-1	Japonica	NA		Os03g0237200		Zinc finger, C2H2 type family protein, expressed
maker-1-augustus-gene-303.41-mRNA-1	Japonica	NA				Myosin-17
maker-1-augustus-gene-303.47-mRNA-1	Japonica	NA			OsR498G0101880200.01.T01	Protein PLASTID MOVEMENT IMPAIRED 1-RELATED like
maker-1-augustus-gene-304.1-mRNA-1	Japonica	NA			OsR498G0101882900.01.T01	Signal recognition particle 54 kDa protein, chloroplastic-like
maker-1-augustus-gene-304.11-mRNA-1	Japonica	NA		Os01g0714900	OsR498G0101881600.01.T01	Ras-related protein Rab7
maker-1-augustus-gene-304.15-mRNA-1	Japonica	Indica		Os01g0715000	OsR498G0101881800.01.T03	Cellular nucleic acid-binding protein

maker-1-augustus-gene-304.18-mRNA-1	Japonica	NA			OsR498G0101881800.01.T05	Zinc finger CCH domain-containing protein 9 isoform X1
maker-1-augustus-gene-304.20-mRNA-1	Japonica	NA		Os01g0715500	OsR498G0101884600.01.T01	Outer mitochondrial membrane protein porin
maker-1-augustus-gene-304.23-mRNA-1	Japonica	NA			OsR498G0101885400.01.T03	Auxin efflux carrier component
maker-1-augustus-gene-304.26-mRNA-1	Japonica	NA		Os01g0715800	OsR498G0101886200.01.T02	Eukaryotic translation initiation factor 3 subunit C (Fragment)
maker-1-augustus-gene-304.3-mRNA-1	Japonica	Indica		Os01g0715400	OsR498G0101884300.01.T03	Alpha-amylase
maker-1-augustus-gene-304.9-mRNA-1	Japonica	Japonica		Os01g0714800	OsR498G0101881000.01.T01	WRKY transcription factor
maker-1-augustus-gene-305.27-mRNA-1	Japonica	NA		Os01g0716400	OsR498G0101888500.01.T04	VDE domain-containing protein (Fragment)
maker-1-augustus-gene-305.30-mRNA-1	Japonica	NA		Os01g0716500	OsR498G0101888500.01.T01	Embryonic abundant protein-like
maker-1-augustus-gene-305.32-mRNA-1	Japonica	NA				Type IV inositol polyphosphate 5-phosphatase 3
maker-1-augustus-gene-305.35-mRNA-1	Japonica	NA		Os01g0717400	OsR498G0101896900.01.T01	Alliin lyase
maker-1-augustus-gene-305.38-mRNA-1	Japonica	NA		Os01g0716200	OsR498G0101888000.01.T05	Orphans transcription factor
maker-1-augustus-gene-305.42-mRNA-1	Japonica	Japonica		Os01g0716300	OsR498G0101888400.01.T01	MRN complex-interacting protein
maker-1-augustus-gene-305.45-mRNA-1	Japonica	NA		Os01g0717000	OsR498G0101891000.01.T01	Choline/ethanolamine kinase
maker-1-augustus-gene-305.49-mRNA-1	Japonica	Indica		Os01g0718000	OsR498G0101897400.01.T01	Zinc finger A20 and AN1 domain-containing stress-associated protein 2
maker-1-augustus-gene-306.30-mRNA-1	Japonica	NA		Os01g0717700	OsR498G0101898100.01.T01	Tryptophan aminotransferase-related protein 4
maker-1-augustus-gene-306.33-mRNA-1	Japonica	NA			OsR498G0101903500.01.T01	Potassium uptake channel
maker-1-augustus-gene-306.35-mRNA-1	Japonica	NA		Os01g0719000	OsR498G0101904300.01.T01	FLZ-type domain-containing protein
maker-1-augustus-gene-306.37-mRNA-1	Japonica	Indica		Os01g0719250	OsR498G0101904900.01.T02	
maker-1-augustus-gene-306.39-mRNA-1	Japonica	NA		Os01g0719300	OsR498G0101906500.01.T02	STAS domain-containing protein (Fragment)
maker-1-augustus-gene-306.40-mRNA-1	Japonica	NA		Os01g0719300	OsR498G0101906500.01.T01	Sulfate transporter 3.5 like
maker-1-augustus-gene-306.49-mRNA-1	Japonica	NA		Os01g0719100	OsR498G0101904800.01.T06	E3 ubiquitin-protein like
maker-1-augustus-gene-307.0-mRNA-1	Japonica	Indica		Os01g0719400	OsR498G0101906700.01.T02	Btz domain-containing protein (Fragment)
maker-1-augustus-gene-307.11-mRNA-1	Japonica	Indica		Os01g0719700	OsR498G0101907300.01.T01	Fe-S cluster assembly factor HCF101 chloroplastic
maker-1-augustus-gene-307.16-mRNA-1	Japonica	NA		Os01g0720800	OsR498G0101910100.01.T02	Fusarium resistance protein I2C-5-like
maker-1-augustus-gene-307.18-mRNA-1	Japonica	Indica		Os05g0533800	OsR498G0101908000.01.T01	Hydrogen-transporting ATP synthase, rotational mechanism
maker-1-augustus-gene-307.20-mRNA-1	Japonica	Indica		Os05g0533700	OsR498G0101908200.01.T01	NADH dehydrogenase2
maker-1-augustus-gene-307.22-mRNA-1	Japonica	NA		Os01g0720600	OsR498G0101909600.01.T03	Starch synthase, chloroplastic/amyloplastic
maker-1-augustus-gene-307.8-mRNA-1	Japonica	NA		Os01g0719600	OsR498G0101907100.01.T01	HMA domain-containing protein
maker-1-augustus-gene-308.0-mRNA-1	Japonica	NA		Os01g0722100	OsR498G0101914500.01.T07	Putative acyl-acyl-carrier-proteinUDP-N-acetylglucosamine O-acyltransferas
maker-1-augustus-gene-308.12-mRNA-1	Japonica	Indica		Os01g0722700	OsR498G0101915900.01.T01	Phosphotransferase
maker-1-augustus-gene-308.18-mRNA-1	Japonica	NA			OsR498G0101916300.01.T01	BED-type domain-containing protein
maker-1-augustus-gene-308.21-mRNA-1	Japonica	NA		Os01g0723100	OsR498G0101917500.01.T02	Senescence domain-containing protein (Fragment)
maker-1-augustus-gene-308.29-mRNA-1	Japonica	NA		Os01g0723500	OsR498G0101918700.01.T01	B3 domain-containing protein (Fragment)
maker-1-augustus-gene-308.32-mRNA-1	Japonica	NA		Os01g0723600	OsR498G0101918900.01.T01	Ribose-phosphate pyrophosphokinase
maker-1-augustus-gene-308.35-mRNA-1	Japonica	NA		Os01g0723700	OsR498G0101919300.01.T03	TF-B3 domain-containing protein (Fragment)
maker-1-augustus-gene-308.37-mRNA-1	Japonica	NA		Os01g0721900	OsR498G0101914200.01.T01	RGF repeats nuclear RNA binding protein A
maker-1-augustus-gene-308.41-mRNA-1	Japonica	NA		Os01g0723000	OsR498G0101917000.01.T03	Tr-type G domain-containing protein
maker-1-augustus-gene-308.43-mRNA-1	Japonica	NA		Os01g0723200	OsR498G0101917800.01.T01	40S ribosomal protein S24
maker-1-augustus-gene-308.6-mRNA-1	Japonica	NA		Os01g0722300	OsR498G0101914900.01.T01	transcription factor RAX2
maker-1-augustus-gene-309.37-mRNA-1	Japonica	NA			OsR498G0101922300.01.T01	Pleiotropic drug resistance transporter 5
maker-1-augustus-gene-309.44-mRNA-1	Japonica	NA		Os01g0725400	OsR498G0101925700.01.T03	
maker-1-augustus-gene-309.45-mRNA-1	Japonica	NA		Os01g0725600	OsR498G0101926100.01.T03	Ultraviolet-B receptor like
maker-1-augustus-gene-309.56-mRNA-1	Japonica	Indica	CC-Kinase-TM	Os01g0725800	OsR498G0101926500.01.T05	Protein kinase-like domain, Coatomer beta' subunit (COPB2), WD40 repeat,
maker-1-augustus-gene-309.60-mRNA-1	Japonica	NA		Os01g0723800	OsR498G0101919800.01.T01	Multidrug/pheromone exporter, MDR family, ABC transporter family
maker-1-augustus-gene-309.62-mRNA-1	Japonica	NA		Os01g0725900	OsR498G0101926800.01.T01	Non-classical arabinogalactan protein 31-like
maker-1-augustus-gene-309.64-mRNA-1	Japonica	NA		Os01g0726100	OsR498G0101925400.01.T02	Non-classical arabinogalactan protein 31-like
maker-1-augustus-gene-309.66-mRNA-1	Japonica	NA		Os01g0726400	OsR498G0101927400.01.T02	MADS-box transcription factor 32
maker-1-augustus-gene-310.44-mRNA-1	Japonica	NA		Os01g0726700	OsR498G0101927700.01.T01	Protodermal factor 1 like
maker-1-augustus-gene-310.47-mRNA-1	Japonica	NA		Os01g0727100	OsR498G0101929300.01.T01	Hexosyltransferase
maker-1-augustus-gene-310.50-mRNA-1	Japonica	NA		Os01g0727400	OsR498G0101929500.01.T05	Complex I intermediate-associated protein 30
maker-1-augustus-gene-310.56-mRNA-1	Japonica	NA		Os01g0727900	OsR498G0101931300.01.T03	DNA primase small subunit
maker-1-augustus-gene-310.58-mRNA-1	Japonica	Indica		Os05g0518300	OsR498G0101931500.01.T02	GDSL esterase/lipase
maker-1-augustus-gene-310.60-mRNA-1	Japonica	NA			OsR498G0101928600.01.T01	
maker-1-augustus-gene-310.62-mRNA-1	Japonica	Indica		Os01g0727800	OsR498G0101931000.01.T01	Subtilisin-like protease
maker-1-augustus-gene-310.66-mRNA-1	Japonica	NA			OsR498G0101932000.01.T02	
maker-1-augustus-gene-310.69-mRNA-1	Japonica	NA		Os01g0728300	OsR498G0101932200.01.T01	Secologanin synthase
maker-1-augustus-gene-311.42-mRNA-1	Japonica	NA		Os01g0729100	OsR498G0101933500.01.T02	DUF92 domain-containing protein (Fragment)
maker-1-augustus-gene-311.45-mRNA-1	Japonica	NA		Os01g0729900	OsR498G0101935700.01.T05	6-hydroxymethyl-7,8-dihydropterin pyrophosphokinase
maker-1-augustus-gene-311.48-mRNA-1	Japonica	NA			OsR498G0101935900.01.T01	Inhibitor I9 domain-containing protein
maker-1-augustus-gene-311.50-mRNA-1	Japonica	NA		Os01g0730300	OsR498G0101936700.01.T01	Trehalose-phosphatase
maker-1-augustus-gene-311.53-mRNA-1	Japonica	NA		Os01g0730500	OsR498G0101937700.01.T02	Ferredoxin-1 (Fragment)

maker-1-augustus-gene-311.57-mRNA-1	Japonica	NA		Os01g0728700	OsR498G0101932800.01.T01	Oil body-associated protein 2B
maker-1-augustus-gene-311.59-mRNA-1	Japonica	NA		Os01g0729600	OsR498G0101934800.01.T01	Putative pyridoxal phosphate-dependent transferase
maker-1-augustus-gene-311.61-mRNA-1	Japonica	NA		Os01g0730100	OsR498G0101936200.01.T01	FBD domain-containing protein (Fragment)
maker-1-augustus-gene-311.63-mRNA-1	Japonica	NA		Os01g0730700	OsR498G0101938600.01.T01	WRKY transcription factor 5
maker-1-augustus-gene-312.38-mRNA-1	Japonica	NA		Os01g0730800	OsR498G0101939300.01.T04	Peroxisomal membrane protein 2
maker-1-augustus-gene-312.42-mRNA-1	Japonica	NA		Os01g0732200	OsR498G0101942100.01.T02	EngB-type G domain-containing protein (Fragment)
maker-1-augustus-gene-312.44-mRNA-1	Japonica	Indica		Os01g0732600	OsR498G0101944100.01.T01	Flavin-containing monooxygenase
maker-1-augustus-gene-312.46-mRNA-1	Japonica	NA		Os01g0733200	OsR498G0101946100.01.T01	Heat shock transcription factor class C
maker-1-augustus-gene-312.48-mRNA-1	Japonica	Indica		Os01g0730900	OsR498G0101939600.01.T03	DNA polymerase III subunit gamma/tau
maker-1-augustus-gene-312.52-mRNA-1	Japonica	NA		Os01g0731000	OsR498G0101940000.01.T01	UBD domain-containing protein
maker-1-augustus-gene-312.56-mRNA-1	Japonica	NA		Os01g0731100	OsR498G0101940200.01.T01	Pathogenesis-related family protein isoform 1
maker-1-augustus-gene-312.58-mRNA-1	Japonica	Indica		Os01g0731100	OsR498G0101941200.01.T01	Pathogenesis-related family protein isoform 1
maker-1-augustus-gene-312.60-mRNA-1	Japonica	NA		Os01g0731800	OsR498G0101941400.01.T01	RING-CH-type domain-containing protein (Fragment)
maker-1-augustus-gene-313.13-mRNA-1	Japonica	Japonica		Os01g0735500	OsR498G0101951500.01.T01	Glycosyltransferase
maker-1-augustus-gene-313.14-mRNA-1	Japonica	NA		Os01g0733600	OsR498G0101947200.01.T02	NADPH-dependent diflavin oxidoreductase 1
maker-1-augustus-gene-313.2-mRNA-1	Japonica	NA		Os01g0734000	OsR498G0101947500.01.T01	WRKY transcription factor 24
maker-1-augustus-gene-313.21-mRNA-1	Japonica	Indica		Os06g0279950	OsR498G0101949000.01.T01	
maker-1-augustus-gene-313.4-mRNA-1	Japonica	NA		Os01g0734200	OsR498G0101948700.01.T02	Respiratory burst oxidase protein B
maker-1-augustus-gene-314.0-mRNA-1	Japonica	Indica		Os10g0560900	OsR498G0101954300.01.T01	Serine C-palmitoyltransferase
maker-1-augustus-gene-314.11-mRNA-1	Japonica	NA			OsR498G0101957100.01.T01	Bifunctional polynucleotide phosphatase/kinase
maker-1-augustus-gene-314.18-mRNA-1	Japonica	Indica		Os01g0737500	OsR498G0101957300.01.T01	Aluminum-activated malate transporter
maker-1-augustus-gene-314.21-mRNA-1	Japonica	NA		Os01g0737900	OsR498G0101958100.01.T01	Pentatricopeptide repeat-containing protein, mitochondrial
maker-1-augustus-gene-314.23-mRNA-1	Japonica	NA		Os01g0737800	OsR498G0101958000.01.T02	CAAX farnesyltransferase subunit beta
maker-1-augustus-gene-314.8-mRNA-1	Japonica	NA		Os01g0736900	OsR498G0101956100.01.T03	Reticulon-like protein (Fragment)
maker-1-augustus-gene-315.34-mRNA-1	Japonica	NA		Os01g0738000	OsR498G0101958300.01.T01	Pentatricopeptide repeat-containing protein
maker-1-augustus-gene-315.36-mRNA-1	Japonica	NA	Kinase-TM	Os01g0738300	OsR498G0101960100.01.T01	Proline-rich receptor-like protein kinase PERK10 isoform A
maker-1-augustus-gene-315.40-mRNA-1	Japonica	NA		Os01g0531200	OsR498G0101960700.01.T03	PMD domain-containing protein
maker-1-augustus-gene-315.42-mRNA-1	Japonica	NA		Os01g0738600	OsR498G0101960900.01.T03	Clathrin interactor EPSIN 1
maker-1-augustus-gene-315.48-mRNA-1	Japonica	NA		Os01g0739200	OsR498G0101963300.01.T01	Dual specificity protein phosphatase DSP8
maker-1-augustus-gene-315.52-mRNA-1	Japonica	NA			OsR498G0101958800.01.T01	Ubiquitin-like-specific protease 1D
maker-1-augustus-gene-315.55-mRNA-1	Japonica	Indica		Os05g0524400	OsR498G0101961400.01.T03	ATP-dependent 6-phosphofructokinase
maker-1-augustus-gene-315.61-mRNA-1	Japonica	NA		Os01g0289900		Rosmarinic acid synthase
maker-1-augustus-gene-315.63-mRNA-1	Japonica	NA		Os01g0739000	OsR498G0101962600.01.T01	Mitochondrial-processing peptidase subunit alpha
maker-1-augustus-gene-316.0-mRNA-1	Japonica	NA			OsR498G0101964500.01.T01	Haloacid dehalogenase-like hydrolase-like
maker-1-augustus-gene-316.13-mRNA-1	Japonica	NA		Os01g0739500	OsR498G0101964800.01.T01	Oxidative stress 3
maker-1-augustus-gene-316.15-mRNA-1	Japonica	NA		Os01g0740500		Glutamate carboxypeptidase 2
maker-1-augustus-gene-316.19-mRNA-1	Japonica	Indica		Os01g0743300	OsR498G0101968800.01.T01	Glutamate carboxypeptidase 2
maker-1-augustus-gene-316.24-mRNA-1	Japonica	NA	Kinase-TM	Os01g0741200	OsR498G0101969600.01.T01	Putative serine/threonine-protein kinase RLCKVII
maker-1-augustus-gene-316.5-mRNA-1	Japonica	NA		Os01g0739700	OsR498G0101966500.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-1-augustus-gene-316.7-mRNA-1	Japonica	Indica		Os01g0740400	OsR498G0101967900.01.T01	Formin-like protein 18
maker-1-augustus-gene-316.9-mRNA-1	Japonica	NA		Os01g0741900	OsR498G0101971900.01.T04	Auxin-responsive protein IAA6
maker-1-augustus-gene-317.33-mRNA-1	Japonica	NA		Os01g0742200	OsR498G0101972900.01.T02	Tr-type G domain-containing protein
maker-1-augustus-gene-317.35-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os01g0742400	OsR498G0101973900.01.T01	Protein kinase family protein with leucine-rich repeat domain
maker-1-augustus-gene-317.37-mRNA-1	Japonica	Indica		Os01g0743100	OsR498G0101975300.01.T01	IQ-domain 25
maker-1-augustus-gene-317.39-mRNA-1	Japonica	NA		Os01g0743300	OsR498G0101976900.01.T03	Protease-associated domain
maker-1-augustus-gene-317.44-mRNA-1	Japonica	NA		Os01g0743500	OsR498G0101977300.01.T01	NADP-dependent malic enzyme
maker-1-augustus-gene-317.48-mRNA-1	Japonica	NA		Os01g0742500	OsR498G0101974200.01.T01	Phosphotransferase
maker-1-augustus-gene-317.53-mRNA-1	Japonica	NA		Os01g0743200	OsR498G0101976000.01.T01	Pectinesterase
maker-1-augustus-gene-317.57-mRNA-1	Japonica	NA		Os01g0743400	OsR498G0101977200.01.T03	Tryptophanyl-tRNA synthetase
maker-1-augustus-gene-318.0-mRNA-1	Japonica	Japonica		Os01g0743800	OsR498G0101978300.01.T01	Pseudo histidine-containing phosphotransfer protein 1
maker-1-augustus-gene-318.10-mRNA-1	Japonica	NA		Os01g0744200	OsR498G0101979100.01.T01	Downstream target of AGL15-4
maker-1-augustus-gene-318.14-mRNA-1	Japonica	NA		Os01g0743600	OsR498G0101977600.01.T03	Lon N-terminal domain-containing protein
maker-1-augustus-gene-318.19-mRNA-1	Japonica	NA		Os01g0744300	OsR498G0101979400.01.T04	Casein kinase I-like protein 2
maker-1-augustus-gene-318.26-mRNA-1	Japonica	NA		Os01g0744400	OsR498G0101979800.01.T03	Golgin candidate 1
maker-1-augustus-gene-318.3-mRNA-1	Japonica	NA		Os01g0744000	OsR498G0101978700.01.T04	p-loop nucleoside triphosphate hydrolase superfamily protein with CH (Calp
maker-1-augustus-gene-318.33-mRNA-1	Japonica	Indica		Os01g0200200	OsR498G0101980400.01.T01	
maker-1-augustus-gene-318.35-mRNA-1	Japonica	NA		Os01g0745700	OsR498G0101982800.01.T02	GATA transcription factor
maker-1-augustus-gene-319.32-mRNA-1	Japonica	NA				Nuclear pore complex protein Nup85
maker-1-augustus-gene-319.37-mRNA-1	Japonica	Indica		Os01g0747300	OsR498G0101986700.01.T01	Plant-specific domain TIGR01615 family protein expressed
maker-1-augustus-gene-319.40-mRNA-1	Japonica	NA		Os01g0746400	OsR498G0101984600.01.T01	Carotenoid cleavage dioxygenase
maker-1-augustus-gene-319.42-mRNA-1	Japonica	NA		Os01g0746700	OsR498G0101985200.01.T01	Mannan endo-1,4-beta-mannosidase

maker-1-augustus-gene-319.46-mRNA-1	Japonica	NA	Kinase-TM	Os01g0747400	OsR498G0101987200.01.T01	Serine/threonine-protein kinase HT1
maker-1-augustus-gene-320.0-mRNA-1	Japonica	NA		Os01g0747500	OsR498G0101987900.01.T06	Dihydroorotase
maker-1-augustus-gene-320.10-mRNA-1	Japonica	NA		Os01g0748900	OsR498G0101993100.01.T02	MACPF domain-containing protein CAD1
maker-1-augustus-gene-320.14-mRNA-1	Japonica	NA			OsR498G0101993300.01.T01	Proton-dependent oligopeptide transporter
maker-1-augustus-gene-320.16-mRNA-1	Japonica	Indica		Os01g0749000	OsR498G0101993500.01.T01	Oil body-associated protein 2A
maker-1-augustus-gene-320.18-mRNA-1	Japonica	NA			OsR498G0101993700.01.T01	Forkhead box protein like
maker-1-augustus-gene-320.22-mRNA-1	Japonica	NA		Os01g0749200	OsR498G0101994100.01.T01	50S ribosomal protein L13 chloroplastic
maker-1-augustus-gene-320.26-mRNA-1	Japonica	NA		Os01g0749300	OsR498G0101994300.01.T01	Heat shock responsive transcription factor
maker-1-augustus-gene-320.29-mRNA-1	Japonica	NA				Dynamin-related protein 5A isoform A
maker-1-augustus-gene-320.3-mRNA-1	Japonica	NA		Os01g0747700		S4 RNA-binding domain-containing protein (Fragment)
maker-1-augustus-gene-320.32-mRNA-1	Japonica	NA		Os01g0748150	OsR498G0101990200.01.T01	Phytoecyanin domain-containing protein
maker-1-augustus-gene-320.34-mRNA-1	Japonica	NA			OsR498G0101992000.01.T02	Dual specificity protein kinase splA
maker-1-augustus-gene-320.40-mRNA-1	Japonica	NA		Os01g0749400	OsR498G0101994600.01.T02	Trehalose-phosphatase
maker-1-augustus-gene-320.5-mRNA-1	Japonica	Indica		Os05g0518300	OsR498G0101991700.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-320.8-mRNA-1	Japonica	NA		Os01g0748800	OsR498G0101992300.01.T01	Phosphatidylethanolamine-binding protein
maker-1-augustus-gene-321.0-mRNA-1	Japonica	NA		Os01g0749900	OsR498G0101996500.01.T01	Putative sugar phosphate/phosphate translocator
maker-1-augustus-gene-321.10-mRNA-1	Japonica	NA		Os01g0750300	OsR498G0101999100.01.T02	Cellulose synthase A catalytic subunit 4
maker-1-augustus-gene-321.14-mRNA-1	Japonica	NA			OsR498G0101997600.01.T01	WRKY transcription factor 5
maker-1-augustus-gene-321.16-mRNA-1	Japonica	NA		Os01g0750500	OsR498G0102001400.01.T01	Coiled-coil domain-containing protein 25
maker-1-augustus-gene-321.19-mRNA-1	Japonica	NA	Kinase-TM	Os01g0750600	OsR498G0102002200.01.T01	proline-rich receptor-like protein kinase PERK5
maker-1-augustus-gene-321.8-mRNA-1	Japonica	NA		Os01g0750000	OsR498G0101997100.01.T01	Ras-related protein RIC2
maker-1-augustus-gene-322.0-mRNA-1	Japonica	NA		Os01g0751300	OsR498G0102004500.01.T02	Tobamovirus multiplication protein 1
maker-1-augustus-gene-322.11-mRNA-1	Japonica	NA		Os01g0752700	OsR498G0102008100.01.T01	Elongation factor family protein isoform 1
maker-1-augustus-gene-322.17-mRNA-1	Japonica	NA		Os01g0751600	OsR498G0102005200.01.T01	Fungal lipase-like domain containing protein
maker-1-augustus-gene-322.19-mRNA-1	Japonica	NA		Os01g0752200	OsR498G0102006800.01.T01	3-hydroxyisobutryl-CoA hydrolase-like protein 5
maker-1-augustus-gene-322.23-mRNA-1	Japonica	NA		Os01g0752300	OsR498G0102007200.01.T01	Urease accessory protein G
maker-1-augustus-gene-322.26-mRNA-1	Japonica	NA		Os01g0752400	OsR498G0102007400.01.T02	PRKCSH-like domain-containing protein
maker-1-augustus-gene-322.30-mRNA-1	Japonica	NA		Os01g0752600	OsR498G0102008000.01.T04	Lipid-A-disaccharide synthase
maker-1-augustus-gene-322.8-mRNA-1	Japonica	NA		Os01g0752100	OsR498G0102006500.01.T01	FBD domain-containing protein
maker-1-augustus-gene-323.40-mRNA-1	Japonica	NA		Os01g0753100	OsR498G0102009100.01.T01	reticulon-4-interacting protein 1, mitochondrial isoform X1
maker-1-augustus-gene-323.44-mRNA-1	Japonica	NA			OsR498G0102009900.01.T01	trans-resveratrol di-O-methyltransferase-like isoform X2
maker-1-augustus-gene-323.46-mRNA-1	Japonica	NA			OsR498G0102010300.01.T01	Protein kinase domain-containing protein
maker-1-augustus-gene-323.48-mRNA-1	Japonica	NA		Os01g0754000	OsR498G0102011100.01.T06	Protein NUCLEAR FUSION DEFECTIVE 6 chloroplastic/mitochondrial
maker-1-augustus-gene-323.50-mRNA-1	Japonica	NA		Os01g0752800	OsR498G0102008400.01.T02	Casein kinase substrate, phosphoprotein PP28
maker-1-augustus-gene-323.54-mRNA-1	Japonica	Indica		Os05g0515700	OsR498G0102009000.01.T03	Transcription factor VOZ1
maker-1-augustus-gene-323.56-mRNA-1	Japonica	NA		Os01g0753150	OsR498G0102009600.01.T01	optic atrophy 3 protein homolog
maker-1-augustus-gene-323.58-mRNA-1	Japonica	Indica		Os02g0788500	OsR498G0102009800.01.T01	F-box protein SKIP8
maker-1-augustus-gene-323.60-mRNA-1	Japonica	Indica		Os01g0753500	OsR498G0102010200.01.T02	Auxin response factor
maker-1-augustus-gene-323.66-mRNA-1	Japonica	NA		Os01g0754100	OsR498G0102011400.01.T01	Integrator complex subunit 9-like protein
maker-1-augustus-gene-323.68-mRNA-1	Japonica	NA		Os01g0754500	OsR498G0102012200.01.T02	Structural constituent of cell wall protein, putative
maker-1-augustus-gene-324.0-mRNA-1	Japonica	NA		Os01g0755500	OsR498G0102014300.01.T01	transcription factor PCF5
maker-1-augustus-gene-324.10-mRNA-1	Japonica	NA		Os01g0756700	OsR498G0102018500.01.T01	Voltage dependent potassium channel
maker-1-augustus-gene-324.12-mRNA-1	Japonica	NA		Os01g0755100	OsR498G0102013800.01.T03	
maker-1-augustus-gene-324.18-mRNA-1	Japonica	NA			OsR498G0102017200.01.T01	HTH La-type RNA-binding domain-containing protein
maker-1-augustus-gene-324.2-mRNA-1	Japonica	NA		Os01g0756200	OsR498G0102016300.01.T01	Basic leucine zipper 6
maker-1-augustus-gene-324.6-mRNA-1	Japonica	Japonica		Os01g0531400	OsR498G0102017700.01.T01	Putative Galactose-binding domain-containing protein
maker-1-augustus-gene-325.0-mRNA-1	Japonica	NA		Os01g0757200	OsR498G0102021500.01.T01	Gibberellin 2-beta-dioxygenase
maker-1-augustus-gene-325.15-mRNA-1	Japonica	NA		Os01g0757500	OsR498G0102022800.01.T01	Calcyclin-binding protein (Fragment)
maker-1-augustus-gene-325.2-mRNA-1	Japonica	NA	NBS	Os01g0757400	OsR498G0102022500.01.T02	AAA domain-containing protein (Fragment)
maker-1-augustus-gene-325.26-mRNA-1	Japonica	NA			OsR498G0102025400.01.T04	Bifunctional riboflavin kinasefmn phosphatase
maker-1-augustus-gene-325.32-mRNA-1	Japonica	NA		Os01g0758000	OsR498G0102025600.01.T01	Heavy metal-associated isoprenylated plant protein 26
maker-1-augustus-gene-325.34-mRNA-1	Japonica	Indica		Os01g0758300	OsR498G0102028800.01.T01	Phosphoenolpyruvate carboxylase, housekeeping isozyme
maker-1-augustus-gene-325.38-mRNA-1	Japonica	Indica		Os01g0758400	OsR498G0102029400.01.T05	Phosphatidate cytidyltransferase
maker-1-augustus-gene-325.9-mRNA-1	Japonica	Indica		Os01g0757800	OsR498G0102025100.01.T01	UmuC domain-containing protein
maker-1-augustus-gene-326.32-mRNA-1	Japonica	NA		Os01g0758900	OsR498G0102034300.01.T01	F-box domain-containing protein
maker-1-augustus-gene-326.34-mRNA-1	Japonica	NA		Os01g0759000	OsR498G0102034900.01.T01	
maker-1-augustus-gene-326.36-mRNA-1	Japonica	Indica		Os01g0759700	OsR498G0102038300.01.T02	Transcriptional regulator family protein-like
maker-1-augustus-gene-326.40-mRNA-1	Japonica	Indica		Os01g0759900	OsR498G0102038700.01.T02	Nucleobase-ascorbate transporter like
maker-1-augustus-gene-326.48-mRNA-1	Japonica	Japonica		Os01g0759100	OsR498G0102035200.01.T02	Tubby-like F-box protein 1
maker-1-augustus-gene-327.48-mRNA-1	Japonica	NA				Putative acyl-activating enzyme
maker-1-augustus-gene-327.52-mRNA-1	Japonica	NA		Os01g0761900	OsR498G0102043900.01.T01	RING-type E3 ubiquitin transferase

maker-1-augustus-gene-327.54-mRNA-1	Japonica	NA		Os01g0762500	OsR498G0102044500.01.T01	Glutelin type-A 1
maker-1-augustus-gene-327.62-mRNA-1	Japonica	NA			OsR498G0102040600.01.T01	Homeobox-leucine zipper protein ROC9
maker-1-augustus-gene-327.65-mRNA-1	Japonica	NA		Os01g0760900	OsR498G0102040800.01.T01	Probable protein ABIL5
maker-1-augustus-gene-327.69-mRNA-1	Japonica	NA		Os01g0761100	OsR498G0102041200.01.T01	CRC domain
maker-1-augustus-gene-327.72-mRNA-1	Japonica	NA		Os01g0761400	OsR498G0102042000.01.T02	Peptide/nitrate transporter plant
maker-1-augustus-gene-327.75-mRNA-1	Japonica	NA		Os01g0761500	OsR498G0102042600.01.T01	Putative Nitrate transporter
maker-1-augustus-gene-327.77-mRNA-1	Japonica	NA		Os01g0762000	OsR498G0102044200.01.T01	Sugar-dependent1
maker-1-augustus-gene-327.79-mRNA-1	Japonica	NA		Os01g0762300	OsR498G0102044400.01.T01	Putative 54S ribosomal protein L32, mitochondrial (Fragment)
maker-1-augustus-gene-328.0-mRNA-1	Japonica	Japonica		Os01g0763100	OsR498G0102045300.01.T04	RHOMBOLD-like protein 12 mitochondrial
maker-1-augustus-gene-328.13-mRNA-1	Japonica	Indica		Os07g0694800	OsR498G0102049700.01.T01	DUF155 domain-containing protein
maker-1-augustus-gene-328.18-mRNA-1	Japonica	Japonica		Os01g0762600	OsR498G0102044400.01.T06	FCP1 homology domain-containing protein (Fragment)
maker-1-augustus-gene-328.21-mRNA-1	Japonica	NA		Os01g0763000	OsR498G0102045200.01.T01	
maker-1-augustus-gene-328.25-mRNA-1	Japonica	NA			OsR498G0102047800.01.T01	X8 domain-containing protein
maker-1-augustus-gene-328.27-mRNA-1	Japonica	NA		Os01g0763900	OsR498G0102048000.01.T02	X8 domain-containing protein
maker-1-augustus-gene-328.30-mRNA-1	Japonica	NA		Os01g0764000	OsR498G0102048200.01.T01	Glutathione transferase
maker-1-augustus-gene-328.32-mRNA-1	Japonica	NA		Os01g0764400	OsR498G0102050000.01.T01	Chorismate mutase
maker-1-augustus-gene-328.6-mRNA-1	Japonica	NA		Os01g0763600	OsR498G0102047300.01.T01	Glycerophosphodiester phosphodiesterase
maker-1-augustus-gene-329.0-mRNA-1	Japonica	NA		Os01g0764700	OsR498G0102050900.01.T05	YqgFc domain-containing protein
maker-1-augustus-gene-329.11-mRNA-1	Japonica	NA		Os08g0172200	OsR498G0815291700.01.T04	UvrB/uvrC motif-containing protein
maker-1-augustus-gene-329.16-mRNA-1	Japonica	NA		Os01g0764600	OsR498G0102050800.01.T02	Isopentenyl phosphate kinase
maker-1-augustus-gene-329.22-mRNA-1	Japonica	NA		Os01g0764900		Pentatricopeptide (PPR) repeat protein-like
maker-1-augustus-gene-329.24-mRNA-1	Japonica	NA			OsR498G0102052400.01.T03	Deoxycytidylate deaminase
maker-1-augustus-gene-329.25-mRNA-1	Japonica	NA		Os01g0765000	OsR498G0102052400.01.T01	Deoxycytidylate deaminase
maker-1-augustus-gene-329.3-mRNA-1	Japonica	NA		Os01g0764800	OsR498G0102051900.01.T01	Indole-3-acetic acid-amido synthetase
maker-1-augustus-gene-329.32-mRNA-1	Japonica	NA		Os01g0765400	OsR498G0102053200.01.T01	Serpin (Serine protease inhibitor)
maker-1-augustus-gene-329.34-mRNA-1	Japonica	NA		Os01g0765500	OsR498G0102053400.01.T01	
maker-1-augustus-gene-329.36-mRNA-1	Japonica	Japonica		Os01g0766000	OsR498G0102054000.01.T01	Protein DETOXIFICATION
maker-1-augustus-gene-329.6-mRNA-1	Japonica	NA			OsR498G0102052700.01.T02	Nucleic acid binding
maker-1-augustus-gene-330.0-mRNA-1	Japonica	NA		Os01g0766400	OsR498G0102055700.01.T01	
maker-1-augustus-gene-330.12-mRNA-1	Japonica	NA		Os01g0767900	OsR498G0102060100.01.T03	Regulatory protein NPR3
maker-1-augustus-gene-330.16-mRNA-1	Japonica	Indica		Os03g0770800	OsR498G0102057400.01.T01	Probable xyloglucan glycosyltransferase 1
maker-1-augustus-gene-330.19-mRNA-1	Japonica	NA		Os01g0767000	OsR498G0102058400.01.T01	Branched-chain-amino-acid aminotransferase 5 chloroplastic
maker-1-augustus-gene-330.23-mRNA-1	Japonica	NA		Os01g0767100	OsR498G0102058600.01.T02	Lysosomal Pro-X carboxypeptidase
maker-1-augustus-gene-330.3-mRNA-1	Japonica	NA		Os01g0766600	OsR498G0102055900.01.T01	BSD domain-containing protein
maker-1-augustus-gene-330.5-mRNA-1	Japonica	NA		Os01g0767600	OsR498G0102058900.01.T01	DNA-directed RNA polymerase subunit beta
maker-1-augustus-gene-330.7-mRNA-1	Japonica	NA		Os01g0767700	OsR498G0102059100.01.T04	RNA helicase
maker-1-augustus-gene-331.0-mRNA-1	Japonica	NA			OsR498G0102061700.01.T02	Maternal effect embryo arrest 22
maker-1-augustus-gene-331.15-mRNA-1	Japonica	NA		Os01g0769100	OsR498G0102062700.01.T02	Lipoyl synthase, chloroplastic
maker-1-augustus-gene-331.20-mRNA-1	Japonica	NA		Os01g0769200	OsR498G0102064100.01.T01	Subtilisin-like protease
maker-1-augustus-gene-331.22-mRNA-1	Japonica	NA		Os01g0769900	OsR498G0102064700.01.T04	Plastid transcriptionally active 12
maker-1-augustus-gene-331.26-mRNA-1	Japonica	Indica		Os01g0768200	OsR498G0102060800.01.T03	TLC domain-containing protein
maker-1-augustus-gene-331.31-mRNA-1	Japonica	NA			OsR498G0102061000.01.T01	TLC domain-containing protein
maker-1-augustus-gene-331.34-mRNA-1	Japonica	NA		Os01g0768400		HGWP repeat containing protein-like
maker-1-augustus-gene-332.32-mRNA-1	Japonica	NA		Os01g0771200	OsR498G0102068700.01.T01	Mal d 1-associated protein
maker-1-augustus-gene-332.34-mRNA-1	Japonica	NA		Os01g0770000	OsR498G0102065000.01.T01	Diacylglycerol O-acyltransferase
maker-1-augustus-gene-332.35-mRNA-1	Japonica	NA		Os01g0770100		Diacylglycerol O-acyltransferase
maker-1-augustus-gene-332.48-mRNA-1	Japonica	NA		Os01g0770500	OsR498G0102066600.01.T01	ATP-binding ABC transporter
maker-1-augustus-gene-332.50-mRNA-1	Japonica	NA		Os01g0771100	OsR498G0102068600.01.T01	Mitochondrial acidic protein mam33
maker-1-augustus-gene-332.52-mRNA-1	Japonica	NA			OsR498G0102070400.01.T02	Ubiquitinyl hydrolase 1
maker-1-augustus-gene-333.32-mRNA-1	Japonica	NA		Os01g0772600	OsR498G0102073700.01.T02	Casein kinase
maker-1-augustus-gene-333.40-mRNA-1	Japonica	NA			OsR498G0102074100.01.T03	ARM repeat superfamily protein
maker-1-augustus-gene-333.46-mRNA-1	Japonica	NA		Os01g0772800	OsR498G0102074300.01.T01	Signal recognition particle 54 kDa protein
maker-1-augustus-gene-333.51-mRNA-1	Japonica	NA		Os01g0773100	OsR498G0102075300.01.T02	Dymeclin
maker-1-augustus-gene-333.56-mRNA-1	Japonica	NA		Os01g0771900	OsR498G0102070800.01.T06	lysosomal beta glucosidase-like isoform X2
maker-1-augustus-gene-333.61-mRNA-1	Japonica	NA			OsR498G0102071200.01.T01	Double-stranded RNA-binding protein 1
maker-1-augustus-gene-333.64-mRNA-1	Japonica	Indica		Os01g0772100	OsR498G0102071600.01.T01	LOB domain-containing protein 4
maker-1-augustus-gene-333.67-mRNA-1	Japonica	Indica		Os01g0772150	OsR498G0102071800.01.T01	Histone-lysine N-methyltransferase SUV3
maker-1-augustus-gene-333.71-mRNA-1	Japonica	NA		Os01g0772500	OsR498G0102073000.01.T01	Beta-glucuronosyltransferase GlcAT14A
maker-1-augustus-gene-333.73-mRNA-1	Japonica	NA		Os01g0772900	OsR498G0102074800.01.T02	Homocysteine S-methyltransferase 4
maker-1-augustus-gene-333.80-mRNA-1	Japonica	NA			OsR498G0102075000.01.T01	TRUD domain-containing protein (Fragment)
maker-1-augustus-gene-333.82-mRNA-1	Japonica	NA				jmiC domain-containing protein C isoform X2

maker-1-augustus-gene-334.0-mRNA-1	Japonica	NA			OsR498G0102076700.01.T01	
maker-1-augustus-gene-334.10-mRNA-1	Japonica	NA				FBD domain-containing protein
maker-1-augustus-gene-334.12-mRNA-1	Japonica	NA		Os01g0775200	OsR498G0102082700.01.T01	GTD-binding domain-containing protein (Fragment)
maker-1-augustus-gene-334.15-mRNA-1	Japonica	NA		Os01g0773700	OsR498G0102077400.01.T01	Photosystem II reaction center W protein, chloroplastic
maker-1-augustus-gene-334.17-mRNA-1	Japonica	Japonica		Os01g0774500	OsR498G0102081600.01.T01	p-loop containing nucleoside triphosphate hydrolase superfamily protein
maker-1-augustus-gene-334.2-mRNA-1	Japonica	NA		Os01g0773600	OsR498G0102077100.01.T02	alpha-1,2-Mannosidase
maker-1-augustus-gene-334.20-mRNA-1	Japonica	Indica		Os01g0775100	OsR498G0102081800.01.T02	Plus3 domain-containing protein
maker-1-augustus-gene-334.8-mRNA-1	Japonica	NA		Os01g0773800	OsR498G0102078100.01.T01	BHLH domain-containing protein (Fragment)
maker-1-augustus-gene-335.29-mRNA-1	Japonica	NA			OsR498G0102087900.01.T01	
maker-1-augustus-gene-335.31-mRNA-1	Japonica	Indica		Os01g0776500	OsR498G0102088500.01.T02	Superoxide dismutase
maker-1-augustus-gene-335.37-mRNA-1	Japonica	NA		Os01g0776800	OsR498G0102089900.01.T01	Nucleotide binding (Fragment)
maker-1-augustus-gene-335.40-mRNA-1	Japonica	NA		Os01g0777000	OsR498G0102090300.01.T03	Conserved oligomeric Golgi complex subunit 1
maker-1-augustus-gene-335.45-mRNA-1	Japonica	NA		Os01g0775300	OsR498G0102083400.01.T02	Math domain containing protein (Fragment)
maker-1-augustus-gene-335.50-mRNA-1	Japonica	NA		Os01g0775400	OsR498G0102083800.01.T01	Cytokinin dehydrogenase
maker-1-augustus-gene-335.53-mRNA-1	Japonica	Indica		Os01g0775500	OsR498G0102085600.01.T01	Mannose-binding lectin
maker-1-augustus-gene-335.56-mRNA-1	Japonica	NA		Os01g0775600	OsR498G0102085800.01.T03	LisH dimerization motif
maker-1-augustus-gene-335.60-mRNA-1	Japonica	NA			OsR498G0102088400.01.T03	WD repeat-containing protein 13
maker-1-augustus-gene-335.65-mRNA-1	Japonica	NA		Os01g0776600	OsR498G0102089000.01.T01	Purple acid phosphatase
maker-1-augustus-gene-335.68-mRNA-1	Japonica	Indica		Os01g0776700	OsR498G0102089400.01.T01	
maker-1-augustus-gene-336.0-mRNA-1	Japonica	Indica		Os01g0776900	OsR498G0102091500.01.T01	Aspartic proteinase nepenthesin-2
maker-1-augustus-gene-336.11-mRNA-1	Japonica	NA			OsR498G0102091900.01.T01	RRM domain-containing protein (Fragment)
maker-1-augustus-gene-336.13-mRNA-1	Japonica	NA		Os01g0777900	OsR498G0102093100.01.T01	Cysteine-rich transmembrane CYSTM domain containing protein
maker-1-augustus-gene-336.18-mRNA-1	Japonica	NA		Os01g0778700	OsR498G0102095500.01.T01	Vacuole membrane protein KM51
maker-1-augustus-gene-336.21-mRNA-1	Japonica	NA				Insulin-degrading enzyme-like 1 peroxisomal
maker-1-augustus-gene-336.31-mRNA-1	Japonica	Indica		Os03g0689100	OsR498G0102092400.01.T02	Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase
maker-1-augustus-gene-336.37-mRNA-1	Japonica	NA			OsR498G0102092800.01.T02	Ultraviolet-B receptor like
maker-1-augustus-gene-336.42-mRNA-1	Japonica	Indica		Os01g0778500	OsR498G0102095000.01.T01	Putative serine/threonine-protein kinase yzf
maker-1-augustus-gene-336.6-mRNA-1	Japonica	NA		Os01g0777300	OsR498G0102091700.01.T01	Exonuclease 1
maker-1-augustus-gene-337.36-mRNA-1	Japonica	NA				Zinc-metallopeptidase, peroxisomal
maker-1-augustus-gene-337.38-mRNA-1	Japonica	NA				Katanin p80 WD40 repeat-containing subunit B1 homolog
maker-1-augustus-gene-337.44-mRNA-1	Japonica	NA		Os01g0780500	OsR498G0102099700.01.T01	Secretory carrier-associated membrane protein 2
maker-1-augustus-gene-337.50-mRNA-1	Japonica	Indica		Os01g0779400	OsR498G0102097400.01.T02	SNF2 domain-containing protein / helicase domain-containing protein / zinc
maker-1-augustus-gene-337.55-mRNA-1	Japonica	Indica		Os01g0780600	OsR498G0102100000.01.T01	Non-phototropic hypocotyl
maker-1-augustus-gene-337.58-mRNA-1	Japonica	NA		Os01g0780800	OsR498G0102100200.01.T01	SAND domain-containing protein
maker-1-augustus-gene-338.0-mRNA-1	Japonica	NA			OsR498G0102108100.01.T01	Ferroxidase
maker-1-augustus-gene-338.11-mRNA-1	Japonica	NA		Os01g0782700	OsR498G0102105000.01.T01	Cyclic nucleotide-gated ion channel 4
maker-1-augustus-gene-338.12-mRNA-1	Japonica	Japonica		Os01g0782700	OsR498G0511120900.01.T03	Cyclic nucleotide-gated ion channel 4
maker-1-augustus-gene-338.17-mRNA-1	Japonica	NA		Os03g0207200	OsR498G0305431600.01.T04	
maker-1-augustus-gene-338.19-mRNA-1	Japonica	NA			OsR498G0102105600.01.T01	LysM domain-containing protein
maker-1-augustus-gene-338.21-mRNA-1	Japonica	NA		Os01g0783200	OsR498G0102107000.01.T01	diacylglycerol kinase
maker-1-augustus-gene-338.27-mRNA-1	Japonica	NA			OsR498G0102107400.01.T01	DRMBL domain-containing protein (Fragment)
maker-1-augustus-gene-338.30-mRNA-1	Japonica	NA		Os01g0783500	OsR498G0102107800.01.T01	Usp domain-containing protein (Fragment)
maker-1-augustus-gene-338.4-mRNA-1	Japonica	NA		Os01g0782200	OsR498G0102103600.01.T02	Sphingosine kinase
maker-1-augustus-gene-338.9-mRNA-1	Japonica	NA		Os01g0782500	OsR498G0102103800.01.T03	1-acylglycerol-3-phosphate O-acyltransferase
maker-1-augustus-gene-339.39-mRNA-1	Japonica	Japonica	Kinase-TM	Os01g0783800	OsR498G0102108700.01.T06	G-type lectin S-receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-339.42-mRNA-1	Japonica	NA	Kinase-TM			Serine/threonine-protein kinase
maker-1-augustus-gene-339.51-mRNA-1	Japonica	Indica		Os01g0784600	OsR498G0102109900.01.T01	Nodulation protein H
maker-1-augustus-gene-339.58-mRNA-1	Japonica	NA		Os01g0785400	OsR498G0102114500.01.T01	Indole-3-acetic acid amido synthetase
maker-1-augustus-gene-339.61-mRNA-1	Japonica	NA	Kinase-TM	Os01g0784700	OsR498G0102110200.01.T02	Serine/threonine-protein kinase
maker-1-augustus-gene-339.64-mRNA-1	Japonica	NA		Os01g0784900	OsR498G0102111800.01.T01	BHLH domain-containing protein (Fragment)
maker-1-augustus-gene-340.0-mRNA-1	Japonica	NA		Os01g0787400	OsR498G0102121700.01.T01	Armadillo repeat-containing X-linked protein 2 (Fragment)
maker-1-augustus-gene-340.10-mRNA-1	Japonica	Indica		Os01g0786700	OsR498G0102119200.01.T01	Membrane protein-like
maker-1-augustus-gene-340.13-mRNA-1	Japonica	NA		Os01g0786800	OsR498G0102119400.01.T01	Membrane protein-like
maker-1-augustus-gene-340.16-mRNA-1	Japonica	NA		Os01g0786900	OsR498G0102119600.01.T03	BCAS3 domain-containing protein
maker-1-augustus-gene-340.21-mRNA-1	Japonica	NA		Os01g0787000	OsR498G0102120400.01.T01	Peroxidase
maker-1-augustus-gene-340.4-mRNA-1	Japonica	NA		Os01g0787600	OsR498G0102122700.01.T01	AB hydrolase-1 domain-containing protein (Fragment)
maker-1-augustus-gene-340.6-mRNA-1	Japonica	NA		Os01g0785900	OsR498G0102116800.01.T01	C2H2-type domain-containing protein (Fragment)
maker-1-augustus-gene-340.8-mRNA-1	Japonica	Indica		Os01g0786500	OsR498G0102118600.01.T01	Phytocyanin domain-containing protein (Fragment)
maker-1-augustus-gene-341.36-mRNA-1	Japonica	NA		Os01g0788200	OsR498G0102124700.01.T01	NTF2 domain-containing protein (Fragment)
maker-1-augustus-gene-341.38-mRNA-1	Japonica	NA		Os01g0788400	OsR498G0102125500.01.T01	Pectinesterase
maker-1-augustus-gene-341.40-mRNA-1	Japonica	NA		Os01g0788800	OsR498G0102126500.01.T01	Homeodomain leucine zipper family IV protein

maker-1-augustus-gene-341.44-mRNA-1	Japonica	NA	Kinase			probable serine/threonine-protein kinase PBL23
maker-1-augustus-gene-341.46-mRNA-1	Japonica	Indica		Os03g0115200	OsR498G0102127000.01.T01	KH domain-containing protein (Fragment)
maker-1-augustus-gene-341.48-mRNA-1	Japonica	NA		Os01g0789000	OsR498G0102127200.01.T01	F-box domain-containing protein (Fragment)
maker-1-augustus-gene-341.51-mRNA-1	Japonica	NA		Os01g0789100	OsR498G0102127400.01.T01	CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase 1, chlor
maker-1-augustus-gene-342.12-mRNA-1	Japonica	NA				
maker-1-augustus-gene-343.104-mRNA-1	Japonica	NA		Os01g0794500	OsR498G0102132600.01.T02	SUI1 domain-containing protein (Fragment)
maker-1-augustus-gene-343.59-mRNA-1	Japonica	NA		Os01g0794400	OsR498G0102132300.01.T02	Probable nucleoredoxin 2
maker-1-augustus-gene-343.64-mRNA-1	Japonica	NA		Os01g0795000	OsR498G0102133700.01.T02	Subtilisin-like protease
maker-1-augustus-gene-343.75-mRNA-1	Japonica	NA		Os01g0795100		Subtilisin-like serine proteinase-like protein
maker-1-augustus-gene-343.84-mRNA-1	Japonica	Indica		Os01g0795200	OsR498G0102134900.01.T06	Subtilisin-like protease
maker-1-augustus-gene-343.93-mRNA-1	Japonica	NA			OsR498G0102129600.01.T02	Inositol-1,4,5-trisphosphate 5-phosphatase 4 isoform 1
maker-1-augustus-gene-344.0-mRNA-1	Japonica	NA		Os01g0796400	OsR498G0102139500.01.T01	3-hydroxybutyryl-CoA dehydrogenase
maker-1-augustus-gene-344.10-mRNA-1	Japonica	NA		Os01g0796700	OsR498G0102140600.01.T05	Putative E3 ubiquitin-protein ligase RING1a
maker-1-augustus-gene-344.11-mRNA-1	Japonica	NA		Os01g0796900	OsR498G0102140600.01.T06	RING-type domain-containing protein
maker-1-augustus-gene-344.20-mRNA-1	Japonica	NA		Os01g0798200		
maker-1-augustus-gene-344.21-mRNA-1	Japonica	NA				
maker-1-augustus-gene-344.3-mRNA-1	Japonica	NA		Os01g0798500	OsR498G0102143900.01.T01	Protein CHLOROPLAST ENHANCING STRESS TOLERANCE, chloroplastic
maker-1-augustus-gene-344.6-mRNA-1	Japonica	NA			OsR498G0102139800.01.T01	Haloacid dehalogenase superfamily protein
maker-1-augustus-gene-345.35-mRNA-1	Japonica	NA		Os01g0799500	OsR498G0102146300.01.T01	probable GMP synthase [glutamine-hydrolyzing]
maker-1-augustus-gene-345.39-mRNA-1	Japonica	NA		Os01g0799900	OsR498G0102147300.01.T01	Metacaspase-5
maker-1-augustus-gene-345.41-mRNA-1	Japonica	Japonica		Os01g0800266	OsR498G0511102000.01.T04	Phosphoglycerate kinase
maker-1-augustus-gene-345.43-mRNA-1	Japonica	NA		Os01g0800500	OsR498G0102149100.01.T01	Purple acid phosphatase
maker-1-augustus-gene-345.47-mRNA-1	Japonica	NA		Os01g0798800	OsR498G0102144600.01.T01	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1
maker-1-augustus-gene-346.0-mRNA-1	Japonica	NA		Os01g0801000	OsR498G0102151700.01.T05	DNA-(Apurinic or apyrimidinic site) lyase chloroplastic
maker-1-augustus-gene-346.12-mRNA-1	Japonica	NA		Os01g0801200	OsR498G0102152400.01.T01	DNA repair protein recA-like protein (Fragment)
maker-1-augustus-gene-346.14-mRNA-1	Japonica	NA		Os01g0801500	OsR498G0102153200.01.T01	Glucan endo-1,3-beta-glucosidase GVI
maker-1-augustus-gene-346.16-mRNA-1	Japonica	NA		Os01g0801600	OsR498G0102153400.01.T03	Glycerol-3-phosphate dehydrogenase
maker-1-augustus-gene-346.19-mRNA-1	Japonica	NA		Os01g0801700	OsR498G0102153800.01.T02	Protein GAMETE CELL DEFECTIVE 1, mitochondrial
maker-1-augustus-gene-346.21-mRNA-1	Japonica	NA		Os01g0802700	OsR498G0102156000.01.T01	Auxin efflux carrier component
maker-1-augustus-gene-346.5-mRNA-1	Japonica	NA		Os01g0801100	OsR498G0102152100.01.T03	DNA-(apurinic or apyrimidinic site) endonuclease, chloroplastic
maker-1-augustus-gene-346.7-mRNA-1	Japonica	NA		Os01g0802100	OsR498G0102154900.01.T05	4-(cytidine-5'-diphospho)-2-C-methyl-D-erythritol kinase
maker-1-augustus-gene-347.50-mRNA-1	Japonica	NA		Os01g0803200	OsR498G0102157700.01.T05	Cysteine proteinase inhibitor
maker-1-augustus-gene-347.52-mRNA-1	Japonica	Indica		Os01g0803300	OsR498G0102159600.01.T01	Auxin-induced protein 5NG4 (Fragment)
maker-1-augustus-gene-348.0-mRNA-1	Japonica	NA		Os01g0805300	OsR498G0102166300.01.T01	PsbP domain-containing protein 6 chloroplastic
maker-1-augustus-gene-348.10-mRNA-1	Japonica	Indica		Os01g0805000	OsR498G0102165600.01.T01	50S ribosomal protein L34 chloroplastic
maker-1-augustus-gene-348.12-mRNA-1	Japonica	NA		Os01g0805200	OsR498G0102166000.01.T01	MAR-binding filament-like protein 1-1 isoform 2
maker-1-augustus-gene-348.14-mRNA-1	Japonica	Indica		Os01g0805600	OsR498G0102167000.01.T01	Cyclin laZm
maker-1-augustus-gene-348.17-mRNA-1	Japonica	NA		Os01g0805700	OsR498G0102167200.01.T01	Stomatal closure-related actin-binding protein 1
maker-1-augustus-gene-348.2-mRNA-1	Japonica	NA		Os01g0805400	OsR498G0102166500.01.T01	UDP-glucosyltransferase
maker-1-augustus-gene-348.24-mRNA-1	Japonica	NA		Os01g0805800	OsR498G0102167600.01.T01	DNA-directed RNA polymerases II 24 kDa polypeptide
maker-1-augustus-gene-348.4-mRNA-1	Japonica	Japonica		Os01g0805500	OsR498G0102166700.01.T02	Indole-3-acetate beta-glucosyltransferase
maker-1-augustus-gene-36.40-mRNA-1	Japonica	NA		Os01g0170600		Usp domain-containing protein (Fragment)
maker-1-augustus-gene-36.42-mRNA-1	Japonica	NA		Os01g0170700	OsR498G0100237500.01.T01	
maker-1-augustus-gene-37.2-mRNA-1	Japonica	NA		Os01g0172100	OsR498G0100242100.01.T02	Phosphoenolpyruvate/phosphate translocator 2 chloroplastic
maker-1-augustus-gene-37.33-mRNA-1	Japonica	NA		Os01g0172200	OsR498G0100242400.01.T02	DEAD-box ATP-dependent RNA helicase 14
maker-1-augustus-gene-37.36-mRNA-1	Japonica	NA		Os01g0172300	OsR498G0100242600.01.T02	DUF4050 domain-containing protein (Fragment)
maker-1-augustus-gene-37.39-mRNA-1	Japonica	NA		Os01g0172400	OsR498G0100242800.01.T02	Phospholipase D
maker-1-augustus-gene-37.42-mRNA-1	Japonica	NA		Os01g0173000	OsR498G0100243400.01.T05	Thiol-disulphide oxidoreductase DCC
maker-1-augustus-gene-37.46-mRNA-1	Japonica	NA		Os01g0173100	OsR498G0100243800.01.T01	Alba domain-containing protein (Fragment)
maker-1-augustus-gene-37.8-mRNA-1	Japonica	NA				Polygalacturonase
maker-1-augustus-gene-373.15-mRNA-1	Japonica	NA		Os01g0850800	OsR498G0102340700.01.T01	Laccase
maker-1-augustus-gene-38.31-mRNA-1	Japonica	NA		Os01g0173600	OsR498G0100245300.01.T01	VOC domain-containing protein (Fragment)
maker-1-augustus-gene-38.35-mRNA-1	Japonica	NA		Os01g0173900	OsR498G0100246500.01.T02	ABC transporter C family member 3
maker-1-augustus-gene-38.42-mRNA-1	Japonica	NA		Os01g0174000	OsR498G0100246800.01.T01	BZIP domain-containing protein (Fragment)
maker-1-augustus-gene-38.44-mRNA-1	Japonica	NA		Os01g0174300	OsR498G0100248000.01.T01	NADH-cytochrome b5 reductase
maker-1-augustus-gene-38.52-mRNA-1	Japonica	NA		Os01g0174600	OsR498G0100248800.01.T01	Zinc finger CCCH domain-containing protein 1
maker-1-augustus-gene-38.54-mRNA-1	Japonica	NA		Os01g0175000	OsR498G0100250000.01.T02	Acyl-protein thioesterase 2
maker-1-augustus-gene-39.0-mRNA-1	Japonica	Indica		Os01g0175300	OsR498G0510826100.01.T01	ATP-dependent DNA helicase
maker-1-augustus-gene-39.12-mRNA-1	Japonica	NA		Os01g0176700	OsR498G0100256100.01.T02	HTH myb-type domain-containing protein
maker-1-augustus-gene-39.15-mRNA-1	Japonica	NA		Os01g0175200		Ankyrin-3
maker-1-augustus-gene-39.16-mRNA-1	Japonica	NA		Os01g0175400	OsR498G0100251400.01.T05	Boron transporter-like protein 2

maker-1-augustus-gene-39.3-mRNA-1	Japonica	NA		Os01g0176000	OsR498G0100253300.01.T01	Glycosyltransferase
maker-1-augustus-gene-39.41-mRNA-1	Japonica	NA		Os01g0175600	OsR498G0100252000.01.T02	Boron transporter
maker-1-augustus-gene-39.43-mRNA-1	Japonica	Indica		Os01g0175600	OsR498G0100253000.01.T01	Boron transporter
maker-1-augustus-gene-39.45-mRNA-1	Japonica	NA		Os01g0175700		Glycosyltransferase
maker-1-augustus-gene-39.5-mRNA-1	Japonica	NA		Os01g0176100	OsR498G0100253700.01.T01	Glycosyltransferase
maker-1-augustus-gene-39.7-mRNA-1	Japonica	NA		Os01g0176200	OsR498G0100254100.01.T01	Glycosyltransferase
maker-1-augustus-gene-39.9-mRNA-1	Japonica	Indica		Os05g0178000	OsR498G0100254300.01.T01	NPH3 domain-containing protein (Fragment)
maker-1-augustus-gene-4.0-mRNA-1	Japonica	Indica		Os01g0513900	OsR498G0100018900.01.T04	Kinesin-related protein2
maker-1-augustus-gene-4.10-mRNA-1	Japonica	NA				Non-specific serine/threonine protein kinase
maker-1-augustus-gene-4.19-mRNA-1	Japonica	NA		Os01g0106800	OsR498G0100024900.01.T01	RING-box protein 1a
maker-1-augustus-gene-4.21-mRNA-1	Japonica	NA		Os01g0105800	OsR498G0100021200.01.T03	Iron-sulfur assembly protein IscA-like 1 mitochondrial
maker-1-augustus-gene-4.23-mRNA-1	Japonica	NA		Os01g0105900	OsR498G0100021400.01.T01	PfkB family carbohydrate kinase
maker-1-augustus-gene-4.28-mRNA-1	Japonica	NA		Os01g0106300	OsR498G0100023200.01.T01	NmrA domain-containing protein (Fragment)
maker-1-augustus-gene-4.30-mRNA-1	Japonica	NA		Os01g0106400	OsR498G0100023400.01.T01	NmrA domain-containing protein (Fragment)
maker-1-augustus-gene-4.32-mRNA-1	Japonica	NA		Os01g0106900	OsR498G0100024800.01.T01	1-deoxy-D-xylulose-5-phosphate reductoisomerase
maker-1-augustus-gene-4.37-mRNA-1	Japonica	NA		Os01g0107000	OsR498G0100025600.01.T02	Peroxin-14
maker-1-augustus-gene-4.4-mRNA-1	Japonica	NA		Os01g0105700	OsR498G0100020700.01.T01	BHLH domain-containing protein (Fragment)
maker-1-augustus-gene-40.26-mRNA-1	Japonica	NA		Os01g0177200	OsR498G0100258300.01.T01	Ubiquitin carboxyl-terminal hydrolase
maker-1-augustus-gene-40.34-mRNA-1	Japonica	NA			OsR498G0100261800.01.T01	ABC transporter
maker-1-augustus-gene-40.42-mRNA-1	Japonica	NA		Os01g0178000	OsR498G0100262600.01.T06	Aromatic aminotransferase ISS1
maker-1-augustus-gene-41.0-mRNA-1	Japonica	NA		Os01g0178100		Tudor domain-containing protein 3
maker-1-augustus-gene-41.14-mRNA-1	Japonica	NA			OsR498G0100267100.01.T02	
maker-1-augustus-gene-41.16-mRNA-1	Japonica	NA		Os01g0179200	OsR498G0100268100.01.T01	t-SNARE coiled-coil homology domain-containing protein
maker-1-augustus-gene-41.20-mRNA-1	Japonica	NA		Os01g0179300	OsR498G0100268300.01.T01	Nuclear ubiquitous casein and cyclin-dependent kinase substrate 1-like prot
maker-1-augustus-gene-41.22-mRNA-1	Japonica	NA				Embryo defective 2410
maker-1-augustus-gene-41.29-mRNA-1	Japonica	NA		Os01g0179500	OsR498G0100268900.01.T02	Enhancer of polycomb-like transcription factor protein
maker-1-augustus-gene-41.31-mRNA-1	Japonica	Indica		Os05g0178400	OsR498G0100264200.01.T01	Serine/threonine protein phosphatase 2A regulatory subunit
maker-1-augustus-gene-41.33-mRNA-1	Japonica	NA		Os01g0178500	OsR498G0100264600.01.T01	Auxin-responsive protein (Fragment)
maker-1-augustus-gene-41.6-mRNA-1	Japonica	NA		Os01g0178200	OsR498G0100263500.01.T05	Tudor domain-containing protein 3 isoform X1
maker-1-augustus-gene-415.40-mRNA-1	Japonica	Japonica		Os01g0602400	OsR498G0101582500.01.T01	Secologanin synthase
maker-1-augustus-gene-42.0-mRNA-1	Japonica	Indica		Os01g0179700	OsR498G0100269800.01.T05	GTP-binding protein YPTM2
maker-1-augustus-gene-42.11-mRNA-1	Japonica	Indica		Os01g0179901	OsR498G0100270400.01.T02	
maker-1-augustus-gene-42.17-mRNA-1	Japonica	NA			OsR498G0100271800.01.T03	FLZ-type domain-containing protein (Fragment)
maker-1-augustus-gene-42.19-mRNA-1	Japonica	NA				ARF guanine-nucleotide exchange factor GNL2
maker-1-augustus-gene-42.23-mRNA-1	Japonica	NA			OsR498G0100274000.01.T03	DDT domain-containing protein DDR4
maker-1-augustus-gene-42.5-mRNA-1	Japonica	NA		Os01g0179800	OsR498G0100270200.01.T01	Serine incorporator
maker-1-augustus-gene-43.0-mRNA-1	Japonica	NA		Os01g0180800	OsR498G0100274100.01.T04	Heat shock protein 4
maker-1-augustus-gene-43.10-mRNA-1	Japonica	NA		Os01g0181000	OsR498G0100275400.01.T01	
maker-1-augustus-gene-43.13-mRNA-1	Japonica	NA			OsR498G0100276000.01.T02	
maker-1-augustus-gene-43.15-mRNA-1	Japonica	NA				Ubiquitin-like domain-containing protein
maker-1-augustus-gene-43.4-mRNA-1	Japonica	Japonica		Os01g0180900	OsR498G0100274900.01.T01	PKHD-type hydroxylase
maker-1-augustus-gene-43.6-mRNA-1	Japonica	NA		Os01g0181200		
maker-1-augustus-gene-44.1-mRNA-1	Japonica	NA		Os01g0182500		
maker-1-augustus-gene-44.12-mRNA-1	Japonica	NA		Os01g0182200	OsR498G0100277600.01.T02	Aquaporin SIP
maker-1-augustus-gene-44.18-mRNA-1	Japonica	NA		Os01g0182600	OsR498G0100279000.01.T05	Gigantea-like protein (Fragment)
maker-1-augustus-gene-44.23-mRNA-1	Japonica	NA				WRKY transcription factor 21
maker-1-augustus-gene-45.47-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-1-augustus-gene-45.51-mRNA-1	Japonica	NA		Os01g0183100	OsR498G0100282100.01.T01	probable U3 small nucleolar RNA-associated protein 7
maker-1-augustus-gene-45.56-mRNA-1	Japonica	NA		Os01g0184000	OsR498G0100285700.01.T01	Polynucleotide 5'-hydroxyl-kinase NOL9
maker-1-augustus-gene-45.64-mRNA-1	Japonica	NA		Os01g0184900	OsR498G0100286700.01.T01	FACT complex subunit SSRP1-A
maker-1-augustus-gene-45.70-mRNA-1	Japonica	NA		Os01g0183300	OsR498G0100282600.01.T01	Type IV inositol polyphosphate 5-phosphatase 3
maker-1-augustus-gene-45.72-mRNA-1	Japonica	NA		Os01g0183700		Histone-lysine N-methyltransferase ATX1
maker-1-augustus-gene-45.76-mRNA-1	Japonica	NA		Os01g0184500	OsR498G0100286200.01.T02	DEAD-box ATP-dependent RNA helicase
maker-1-augustus-gene-45.81-mRNA-1	Japonica	NA		Os01g0184800	OsR498G0100286600.01.T01	Phosducin domain-containing protein (Fragment)
maker-1-augustus-gene-46.30-mRNA-1	Japonica	NA			OsR498G0100286900.01.T01	DNA double-strand break repair Rad50 ATPase (Fragment)
maker-1-augustus-gene-46.32-mRNA-1	Japonica	NA		Os01g0185300	OsR498G0100287700.01.T02	Acyl transferase 9
maker-1-augustus-gene-46.34-mRNA-1	Japonica	Indica		Os01g0185400	OsR498G0100287900.01.T03	Pleiotropic regulator 1 (Fragment)
maker-1-augustus-gene-46.42-mRNA-1	Japonica	NA		Os01g0185900	OsR498G0100288900.01.T01	DNA-binding WRKY
maker-1-augustus-gene-46.50-mRNA-1	Japonica	NA		Os01g0186200	OsR498G0100290000.01.T02	Putative LOV domain-containing protein
maker-1-augustus-gene-470.50-mRNA-1	Japonica	NA			OsR498G0102539200.01.T02	Ceramide glucosyltransferase
maker-1-augustus-gene-471.0-mRNA-1	Japonica	NA		Os01g0907200	OsR498G0102542100.01.T01	BCL-2 binding anthanogene-1

maker-1-augustus-gene-471.2-mRNA-1	Japonica	NA		Os01g0907300	OsR498G0102542500.01.T02	GPI transamidase component PIG-S
maker-1-augustus-gene-474.44-mRNA-1	Japonica	NA		Os01g0912700	OsR498G0102560100.01.T03	Thioredoxin F-type chloroplastic
maker-1-augustus-gene-475.46-mRNA-1	Japonica	NA			OsR498G0102560700.01.T01	Phorbol-ester/DAG-type domain-containing protein
maker-1-augustus-gene-475.48-mRNA-1	Japonica	NA		Os01g0913000	OsR498G0102561700.01.T01	Thioredoxin F-type like
maker-1-augustus-gene-475.51-mRNA-1	Japonica	NA		Os01g0913300		Putative proton-dependent oligopeptide or low-affinity nitrate transporter (
maker-1-augustus-gene-475.53-mRNA-1	Japonica	NA		Os01g0914400	OsR498G0102565100.01.T01	EPIDERMAL PATTERNING FACTOR-like protein 9
maker-1-augustus-gene-475.56-mRNA-1	Japonica	NA		Os01g0914700	OsR498G0102565500.01.T01	Putative PA domain, presenilin/signal peptide peptidase
maker-1-augustus-gene-475.58-mRNA-1	Japonica	NA		Os01g0914800	OsR498G0102565700.01.T01	Trichome birefringence-like 18 isoform 1
maker-1-augustus-gene-475.62-mRNA-1	Japonica	NA			OsR498G0102565900.01.T02	
maker-1-augustus-gene-475.64-mRNA-1	Japonica	NA				Phorbol-ester/DAG-type domain-containing protein
maker-1-augustus-gene-475.69-mRNA-1	Japonica	NA		Os01g0913600	OsR498G0102563000.01.T01	RHO protein GDP dissociation inhibitor
maker-1-augustus-gene-475.71-mRNA-1	Japonica	NA		Os01g0914000	OsR498G0102563800.01.T02	ACT domain-containing protein ACR4
maker-1-augustus-gene-476.0-mRNA-1	Japonica	NA		Os01g0916400	OsR498G0102572700.01.T01	Methanethiol oxidase
maker-1-augustus-gene-476.11-mRNA-1	Japonica	NA			OsR498G0102568000.01.T01	Protein O-GlcNAc transferase
maker-1-augustus-gene-476.17-mRNA-1	Japonica	NA		Os01g0915600	OsR498G0102568600.01.T04	Transcription factor bHLH62
maker-1-augustus-gene-476.20-mRNA-1	Japonica	NA		Os01g0915800	OsR498G0102571000.01.T01	Peptidylprolyl isomerase
maker-1-augustus-gene-476.25-mRNA-1	Japonica	NA		Os01g0916200	OsR498G0102572000.01.T01	AP-4 complex subunit epsilon
maker-1-augustus-gene-476.31-mRNA-1	Japonica	NA		Os01g0916300	OsR498G0102572200.01.T01	Polyglutamine tract-binding protein 1
maker-1-augustus-gene-476.37-mRNA-1	Japonica	Japonica		Os01g0916800	OsR498G0102573800.01.T02	Tho2 domain-containing protein
maker-1-augustus-gene-476.6-mRNA-1	Japonica	NA		Os01g0916600	OsR498G0102573300.01.T05	Putative glycine-rich RNA-binding protein 2
maker-1-augustus-gene-476.9-mRNA-1	Japonica	NA		Os01g0916700	OsR498G0102573500.01.T01	SKI family transcriptional corepressor 2-like
maker-1-augustus-gene-477.0-mRNA-1	Japonica	NA		Os01g0917100		Jas domain-containing protein
maker-1-augustus-gene-477.11-mRNA-1	Japonica	NA		Os01g0917400	OsR498G0102576200.01.T01	Zinc finger CCCH domain-containing protein 33
maker-1-augustus-gene-477.15-mRNA-1	Japonica	NA		Os01g0917700	OsR498G0102577800.01.T02	ROP-INTERACTIVE CRIB MOTIF-CONTAINING protein 6
maker-1-augustus-gene-477.17-mRNA-1	Japonica	NA		Os01g0918100	OsR498G0102580200.01.T01	
maker-1-augustus-gene-477.2-mRNA-1	Japonica	Indica		Os01g0917200	OsR498G0102575500.01.T01	Peptidase S1, PA clan
maker-1-augustus-gene-477.20-mRNA-1	Japonica	NA		Os01g0918200	OsR498G0102580600.01.T01	Small ubiquitin-related modifier
maker-1-augustus-gene-477.22-mRNA-1	Japonica	NA		Os01g0918300	OsR498G0102580600.01.T02	Small ubiquitin-related modifier
maker-1-augustus-gene-477.25-mRNA-1	Japonica	NA		Os01g0918500	OsR498G0102581400.01.T01	
maker-1-augustus-gene-477.5-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os01g0917500	OsR498G0102576500.01.T05	Leucine-rich repeat receptor protein kinase MSP1
maker-1-augustus-gene-477.6-mRNA-1	Japonica	NA			OsR498G0102581100.01.T01	
maker-1-augustus-gene-477.8-mRNA-1	Japonica	NA			OsR498G0102575800.01.T01	CRP7-Cysteine-rich family protein expressed
maker-1-augustus-gene-478.31-mRNA-1	Japonica	NA			OsR498G0102582900.01.T01	Protein DETOXIFICATION
maker-1-augustus-gene-478.33-mRNA-1	Japonica	NA		Os01g0919500	OsR498G0102585300.01.T01	E3 ubiquitin-protein ligase RNF4
maker-1-augustus-gene-478.35-mRNA-1	Japonica	NA		Os01g0919600	OsR498G0102586700.01.T02	Lysine ketoglutarate reductase trans-splicing related 1-like
maker-1-augustus-gene-478.38-mRNA-1	Japonica	NA		Os01g0919700	OsR498G0102586900.01.T02	Alpha/beta hydrolase-1
maker-1-augustus-gene-478.45-mRNA-1	Japonica	NA		Os01g0920100	OsR498G0102589300.01.T01	
maker-1-augustus-gene-478.48-mRNA-1	Japonica	NA			OsR498G0102584400.01.T01	UDP-glucose-fructose-phosphate glucosyltransferase
maker-1-augustus-gene-478.50-mRNA-1	Japonica	NA		Os01g0919800	OsR498G0102587200.01.T02	Auxin efflux carrier component
maker-1-augustus-gene-478.52-mRNA-1	Japonica	NA		Os01g0919900	OsR498G0102588000.01.T01	Acyl-(Acyl-carrier-protein) desaturase, chloroplastic
maker-1-augustus-gene-478.54-mRNA-1	Japonica	Indica		Os01g0920000	OsR498G0102588400.01.T01	Cystathionine beta-synthase, core
maker-1-augustus-gene-478.56-mRNA-1	Japonica	Indica		Os01g0920200	OsR498G0102589600.01.T01	Transcription and mRNA export factor ENY2
maker-1-augustus-gene-479.36-mRNA-1	Japonica	NA			OsR498G0102589900.01.T03	MTS domain-containing protein
maker-1-augustus-gene-479.43-mRNA-1	Japonica	Indica		Os03g0849900	OsR498G0102590500.01.T01	Nucleotide-diphospho-sugar transferase family protein
maker-1-augustus-gene-479.45-mRNA-1	Japonica	Japonica		Os01g0920700	OsR498G0102591100.01.T01	Glycosyltransferase
maker-1-augustus-gene-479.48-mRNA-1	Japonica	NA		Os01g0921000	OsR498G0102591900.01.T01	
maker-1-augustus-gene-479.52-mRNA-1	Japonica	NA		Os01g0921200	OsR498G0102592700.01.T01	Mannosyl-oligosaccharide glucosidase
maker-1-augustus-gene-479.53-mRNA-1	Japonica	NA		Os01g0921300	OsR498G0102592900.01.T01	Exostosin domain-containing protein (Fragment)
maker-1-augustus-gene-479.70-mRNA-1	Japonica	NA		Os01g0921600	OsR498G0102593500.01.T01	Mitochondrial import receptor subunit like
maker-1-augustus-gene-479.76-mRNA-1	Japonica	NA		Os01g0920400	OsR498G0102590200.01.T01	Dynamin-related protein 3A isoform 2
maker-1-augustus-gene-479.81-mRNA-1	Japonica	NA		Os01g0921500	OsR498G0102593400.01.T01	AMP-activated protein kinase, gamma regulatory subunit
maker-1-augustus-gene-479.83-mRNA-1	Japonica	NA		Os01g0921800	OsR498G0102595400.01.T01	MYND-type domain-containing protein
maker-1-augustus-gene-480.0-mRNA-1	Japonica	Indica		Os01g0922600	OsR498G0102601900.01.T01	SBP-box family member protein (Fragment)
maker-1-augustus-gene-480.2-mRNA-1	Japonica	NA			OsR498G0102603900.01.T02	MADS-box transcription factor
maker-1-augustus-gene-480.8-mRNA-1	Japonica	NA			OsR498G0102604200.01.T01	
maker-1-augustus-gene-481.22-mRNA-1	Japonica	NA			OsR498G0102606300.01.T02	PB1 domain-containing protein/CBS domain-containing protein
maker-1-augustus-gene-481.28-mRNA-1	Japonica	NA		Os01g0923600	OsR498G0102607100.01.T06	Calmodulin-binding transcription activator 4
maker-1-augustus-gene-481.33-mRNA-1	Japonica	NA		Os01g0924000	OsR498G0102611700.01.T01	Mitochondrial ribosomal protein MRP7 (L2)
maker-1-augustus-gene-481.35-mRNA-1	Japonica	NA			OsR498G0102607600.01.T04	Histidine kinase
maker-1-augustus-gene-481.41-mRNA-1	Japonica	NA		Os01g0924300	OsR498G0102612600.01.T02	Putative WD repeat-containing protein C17D11.16
maker-1-augustus-gene-482.27-mRNA-1	Japonica	NA		Os01g0924700	OsR498G0102614300.01.T01	Protein kinase domain-containing protein

maker-1-augustus-gene-482.35-mRNA-1	Japonica	NA		Os01g0925200	OsR498G0102617500.01.T01	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
maker-1-augustus-gene-482.37-mRNA-1	Japonica	NA			OsR498G0102614000.01.T03	PERQ amino acid-rich with GYF domain-containing protein 2
maker-1-augustus-gene-482.42-mRNA-1	Japonica	Japonica		Os01g0924800	OsR498G0102614600.01.T01	
maker-1-augustus-gene-482.45-mRNA-1	Japonica	NA		Os01g0925000	OsR498G0102617200.01.T02	CID domain-containing protein
maker-1-augustus-gene-482.51-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G0102617400.01.T01	Disease resistance protein RPP13
maker-1-augustus-gene-482.53-mRNA-1	Japonica	NA		Os01g0925300	OsR498G0102617800.01.T01	S-acyltransferase
maker-1-augustus-gene-483.34-mRNA-1	Japonica	Indica		Os01g0925600	OsR498G0102618900.01.T01	
maker-1-augustus-gene-483.37-mRNA-1	Japonica	NA			OsR498G0102620300.01.T01	Tify domain-containing protein (Fragment)
maker-1-augustus-gene-483.39-mRNA-1	Japonica	NA		Os01g0926200	OsR498G0102620500.01.T03	E3 ubiquitin-protein ligase
maker-1-augustus-gene-483.41-mRNA-1	Japonica	NA		Os01g0926800	OsR498G0102622700.01.T01	CRAL-TRIO domain-containing protein (Fragment)
maker-1-augustus-gene-483.44-mRNA-1	Japonica	NA		Os01g0927000	OsR498G0102623300.01.T01	Histone-lysine N-methyltransferase H3 lysine-9 specific SUVH4
maker-1-augustus-gene-483.49-mRNA-1	Japonica	Japonica		Os01g0927200	OsR498G0102623900.01.T01	Trihelix transcription factor
maker-1-augustus-gene-483.51-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0349200	OsR498G0102619200.01.T01	probable serine/threonine-protein kinase At1g54610
maker-1-augustus-gene-483.55-mRNA-1	Japonica	NA		Os01g0925800	OsR498G0102620000.01.T01	E2 ubiquitin-conjugating enzyme
maker-1-augustus-gene-483.58-mRNA-1	Japonica	NA		Os01g0926300	OsR498G0102620800.01.T01	Transaldolase
maker-1-augustus-gene-483.60-mRNA-1	Japonica	NA		Os01g0926400	OsR498G0102621000.01.T01	Exostosin domain-containing protein
maker-1-augustus-gene-483.62-mRNA-1	Japonica	NA		Os01g0926600	OsR498G0102622000.01.T02	Secondary cell wall glycosyltransferase family 47
maker-1-augustus-gene-483.65-mRNA-1	Japonica	Indica		Os01g0926600	OsR498G0102622400.01.T02	Beta-1,4-xylosyltransferase IRX10L
maker-1-augustus-gene-484.0-mRNA-1	Japonica	NA		Os01g0927600	OsR498G0102626700.01.T03	Auxin response factor
maker-1-augustus-gene-484.11-mRNA-1	Japonica	NA		Os01g0927300	OsR498G0102624400.01.T03	HMA domain-containing protein
maker-1-augustus-gene-484.14-mRNA-1	Japonica	NA		Os01g0927900	OsR498G0102627600.01.T02	Aspartate kinase
maker-1-augustus-gene-484.19-mRNA-1	Japonica	NA		Os01g0928000	OsR498G0102627800.01.T02	Inducer of CBF expression
maker-1-augustus-gene-484.22-mRNA-1	Japonica	NA		Os01g0928100	OsR498G0102629600.01.T01	Coiled-coil domain-containing protein SCD2
maker-1-augustus-gene-484.28-mRNA-1	Japonica	Japonica		Os01g0928400	OsR498G0102630800.01.T01	Serine C-palmitoyltransferase
maker-1-augustus-gene-484.30-mRNA-1	Japonica	Indica		Os01g0928700	OsR498G0102631800.01.T01	Serine C-palmitoyltransferase
maker-1-augustus-gene-484.32-mRNA-1	Japonica	NA		Os01g0928700	OsR498G0102632000.01.T01	Serine C-palmitoyltransferase
maker-1-augustus-gene-484.4-mRNA-1	Japonica	NA			OsR498G0102630300.01.T02	RNA polymerase II subunit 5-mediating protein homolog
maker-1-augustus-gene-485.0-mRNA-1	Japonica	NA		Os01g0929000	OsR498G0102632900.01.T04	Aminopeptidase
maker-1-augustus-gene-485.11-mRNA-1	Japonica	NA		Os01g0930400	OsR498G0102636900.01.T01	Potassium transporter
maker-1-augustus-gene-485.13-mRNA-1	Japonica	NA		Os01g0930800	OsR498G0102638700.01.T06	Non-cyanogenic beta-glucosidase
maker-1-augustus-gene-485.16-mRNA-1	Japonica	NA		Os01g0930900	OsR498G0102638900.01.T01	Tropinone reductase
maker-1-augustus-gene-485.18-mRNA-1	Japonica	NA		Os01g0931000	OsR498G0102639100.01.T01	Tropinone reductase
maker-1-augustus-gene-485.20-mRNA-1	Japonica	NA		Os01g0928800	OsR498G0102632600.01.T01	Serine C-palmitoyltransferase
maker-1-augustus-gene-485.26-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0102633200.01.T02	proline-rich receptor-like protein kinase PERK3 isoform X2
maker-1-augustus-gene-485.29-mRNA-1	Japonica	NA		Os01g0931100	OsR498G0102639400.01.T05	Heparan-alpha-glucosaminide N-acetyltransferase isoform A
maker-1-augustus-gene-485.35-mRNA-1	Japonica	NA		Os01g0931200	OsR498G0102639800.01.T01	TOG array regulator of axonemal microtubules protein 1
maker-1-augustus-gene-485.37-mRNA-1	Japonica	NA		Os01g0931300	OsR498G0102640000.01.T01	PlsC domain-containing protein
maker-1-augustus-gene-485.4-mRNA-1	Japonica	NA		Os01g0929100		Photosynthetic NDH subunit of subcomplex B 5 chloroplastic
maker-1-augustus-gene-485.41-mRNA-1	Japonica	NA		Os01g0931400	OsR498G0102640200.01.T04	Thiamine pyrophosphokinase
maker-1-augustus-gene-485.6-mRNA-1	Japonica	NA		Os01g0930000	OsR498G0102635300.01.T03	protein disulfide-isomerase LQY1, chloroplastic isoform X2
maker-1-augustus-gene-485.9-mRNA-1	Japonica	NA		Os01g0930200	OsR498G0102635500.01.T01	
maker-1-augustus-gene-486.0-mRNA-1	Japonica	NA			OsR498G0102641100.01.T01	LURP1-related protein domain containing protein
maker-1-augustus-gene-486.11-mRNA-1	Japonica	Indica		Os01g0932825	OsR498G0102645300.01.T01	Knot1 domain-containing protein (Fragment)
maker-1-augustus-gene-486.13-mRNA-1	Japonica	NA			OsR498G0102640800.01.T01	
maker-1-augustus-gene-486.15-mRNA-1	Japonica	NA		Os01g0932500	OsR498G0102644600.01.T01	Potassium transporter
maker-1-augustus-gene-486.17-mRNA-1	Japonica	NA		Os01g0933200	OsR498G0102646200.01.T02	HMA domain-containing protein
maker-1-augustus-gene-486.2-mRNA-1	Japonica	NA				
maker-1-augustus-gene-486.20-mRNA-1	Japonica	NA		Os01g0933600	OsR498G0102647600.01.T01	NPH3 domain-containing protein
maker-1-augustus-gene-486.23-mRNA-1	Japonica	NA		Os01g0933900	OsR498G0102648200.01.T01	Glutathione transferase
maker-1-augustus-gene-486.25-mRNA-1	Japonica	NA		Os01g0934000	OsR498G0102648800.01.T01	Autophagy-related protein 18a
maker-1-augustus-gene-486.6-mRNA-1	Japonica	NA		Os01g0932600	OsR498G0102645100.01.T02	BTB domain-containing protein
maker-1-augustus-gene-487.0-mRNA-1	Japonica	NA		Os01g0934200	OsR498G0102649300.01.T07	Mitochondrial thiamine pyrophosphate carrier like
maker-1-augustus-gene-487.12-mRNA-1	Japonica	Indica		Os01g0934400	OsR498G0102649700.01.T01	PsbP domain-containing protein 7 chloroplastic
maker-1-augustus-gene-487.15-mRNA-1	Japonica	NA		Os01g0935300	OsR498G0102653900.01.T06	Cullin domain-containing protein
maker-1-augustus-gene-487.19-mRNA-1	Japonica	NA		Os01g0935500	OsR498G0102654700.01.T01	Potassium transporter
maker-1-augustus-gene-487.22-mRNA-1	Japonica	Japonica		Os01g0934600	OsR498G0102650600.01.T01	Methyl jasmonate esterase
maker-1-augustus-gene-487.25-mRNA-1	Japonica	NA	PIR7B	Os01g0934800	OsR498G0102650800.01.T01	AB hydrolase-1 domain-containing protein
maker-1-augustus-gene-487.26-mRNA-1	Japonica	NA	PIR7A	Os01g0934900	OsR498G0102650800.01.T03	AB hydrolase-1 domain-containing protein (Fragment)
maker-1-augustus-gene-487.35-mRNA-1	Japonica	NA		Os01g0935000		Protein indeterminate-domain 12
maker-1-augustus-gene-487.37-mRNA-1	Japonica	NA		Os01g0935400	OsR498G0102654200.01.T01	Oxoglutarate/iron-dependent dioxygenase
maker-1-augustus-gene-487.8-mRNA-1	Japonica	NA		Os01g0934300	OsR498G0102649500.01.T04	Homeobox protein LUMINIDEPENDENS

maker-1-augustus-gene-488.36-mRNA-1	Japonica	NA		Os01g0935700	OsR498G0102655100.01.T05	Cytochrome c1 1 heme protein mitochondrial
maker-1-augustus-gene-488.40-mRNA-1	Japonica	NA	Kinase	Os01g0936100	OsR498G0102657500.01.T01	Serine/threonine-protein kinase PBL27
maker-1-augustus-gene-488.44-mRNA-1	Japonica	NA		Os01g0936500		
maker-1-augustus-gene-488.46-mRNA-1	Japonica	NA			OsR498G0102655000.01.T04	spermatogenesis-associated protein 20-like
maker-1-augustus-gene-488.53-mRNA-1	Japonica	Indica	Kinase-TM	Os01g0935800	OsR498G0102655400.01.T01	Receptor-like protein kinase ANXUR1
maker-1-augustus-gene-488.56-mRNA-1	Japonica	NA		Os01g0935900	OsR498G0102655800.01.T01	Succinate dehydrogenase subunit 4 mitochondrial
maker-1-augustus-gene-488.58-mRNA-1	Japonica	Indica		Os01g0936200	OsR498G0102657800.01.T02	probable feruloyl esterase A
maker-1-augustus-gene-488.63-mRNA-1	Japonica	NA		Os01g0936700	OsR498G0102658400.01.T01	
maker-1-augustus-gene-488.65-mRNA-1	Japonica	NA		Os01g0936800	OsR498G0102658800.01.T02	MSP domain-containing protein (Fragment)
maker-1-augustus-gene-488.70-mRNA-1	Japonica	NA	CC-NBS-TM	Os01g0937400	OsR498G0102663200.01.T06	Disease resistance protein RGA2
maker-1-augustus-gene-489.37-mRNA-1	Japonica	Japonica		Os01g0937500	OsR498G0102664300.01.T01	Putative xylanase inhibitor
maker-1-augustus-gene-489.39-mRNA-1	Japonica	NA		Os01g0938200	OsR498G0102666300.01.T01	RNA-binding protein BRN1
maker-1-augustus-gene-489.44-mRNA-1	Japonica	NA		Os01g0938900	OsR498G0102667300.01.T02	NAC-A/B domain-containing protein
maker-1-augustus-gene-489.48-mRNA-1	Japonica	NA		Os01g0939100	OsR498G0102667700.01.T01	Calcium-transporting ATPase
maker-1-augustus-gene-489.53-mRNA-1	Japonica	NA		Os01g0939600	OsR498G0102668700.01.T03	Glycerol-3-phosphate dehydrogenase [NAD(+)]
maker-1-augustus-gene-489.56-mRNA-1	Japonica	NA		Os01g0938600	OsR498G0102666800.01.T01	Tyrosine-protein phosphatase non-receptor type 23-like
maker-1-augustus-gene-489.58-mRNA-1	Japonica	Indica		Os01g0939200	OsR498G0102668000.01.T02	F-box domain containing protein, expressed
maker-1-augustus-gene-489.60-mRNA-1	Japonica	NA		Os01g0939300	OsR498G0102668200.01.T01	BRCT domain-containing DNA repair protein
maker-1-augustus-gene-489.62-mRNA-1	Japonica	NA		Os01g0939400	OsR498G0102668400.01.T01	Vegetative cell wall protein gp1
maker-1-augustus-gene-490.13-mRNA-1	Japonica	Japonica		Os01g0939700	OsR498G0102668910.01.T07	S-formylglutathione hydrolase
maker-1-augustus-gene-490.20-mRNA-1	Japonica	NA		Os01g0940000	OsR498G0102671700.01.T03	Cytokinin dehydrogenase
maker-1-augustus-gene-491.0-mRNA-1	Japonica	NA		Os01g0940600	OsR498G0102673700.01.T01	High chlorophyll fluorescence 153
maker-1-augustus-gene-491.1-mRNA-1	Japonica	Indica		Os01g0941400	OsR498G0102674100.01.T01	Truncated pathogenesis-related protein 6
maker-1-augustus-gene-491.12-mRNA-1	Japonica	NA		Os01g0941400	OsR498G0102675700.01.T01	Truncated pathogenesis-related protein 6
maker-1-augustus-gene-492.10-mRNA-1	Japonica	NA		Os01g0944000		
maker-1-augustus-gene-492.6-mRNA-1	Japonica	Indica		Os05g0375400	OsR498G0102679000.01.T01	Licheninase
maker-1-augustus-gene-493.101-mRNA-1	Japonica	Indica		Os01g0945766	OsR498G0102687600.01.T01	Amino-acid permease BAT1 like
maker-1-augustus-gene-493.102-mRNA-1	Japonica	NA		Os01g0945766	OsR498G0102688000.01.T03	Putative GABA-specific permease
maker-1-augustus-gene-493.115-mRNA-1	Japonica	NA		Os01g0945800	OsR498G0102688200.01.T02	RNA-binding protein Musashi homolog 1-like isoform X2
maker-1-augustus-gene-493.54-mRNA-1	Japonica	Japonica		Os01g0944200	OsR498G0102683900.01.T04	RNase H domain-containing protein
maker-1-augustus-gene-493.58-mRNA-1	Japonica	NA		Os01g0946300	OsR498G0102688700.01.T01	Lecithin-cholesterol acyltransferase-like 1
maker-1-augustus-gene-493.60-mRNA-1	Japonica	NA		Os01g0944700	OsR498G0102685400.01.T01	Endo-1,3-beta-glucanase
maker-1-augustus-gene-493.61-mRNA-1	Japonica	NA		Os01g0944800		Putative beta 1,3-glucanase
maker-1-augustus-gene-493.66-mRNA-1	Japonica	NA			OsR498G0102686200.01.T02	DNA repair protein recA, mitochondrial
maker-1-augustus-gene-493.70-mRNA-1	Japonica	Indica		Os01g0945200	OsR498G0102686800.01.T01	Putative GABA-specific permease
maker-1-augustus-gene-493.74-mRNA-1	Japonica	Japonica		Os01g0945200	OsR498G0102687000.01.T04	Putative GABA-specific permease
maker-1-augustus-gene-493.75-mRNA-1	Japonica	NA		Os01g0945300	OsR498G0102687000.01.T06	Putative GABA-specific permease
maker-1-augustus-gene-493.76-mRNA-1	Japonica	NA		Os01g0945300	OsR498G0102687000.01.T08	Amino-acid permease BAT1
maker-1-augustus-gene-494.35-mRNA-1	Japonica	NA				Glucan endo-1,3-beta-glucosidase GII
maker-1-augustus-gene-494.38-mRNA-1	Japonica	NA		Os01g0947000	OsR498G0102690700.01.T01	Glucan endo-1,3-beta-glucosidase GIII
maker-1-augustus-gene-494.40-mRNA-1	Japonica	NA		Os01g0948100	OsR498G0102690900.01.T02	ERCC4 domain-containing protein (Fragment)
maker-1-augustus-gene-494.46-mRNA-1	Japonica	NA		Os01g0948300	OsR498G0102693300.01.T01	Cellular retinaldehyde-binding/triple function, C-terminal
maker-1-augustus-gene-494.50-mRNA-1	Japonica	NA		Os01g0948400	OsR498G0102693800.01.T02	Pyrroline-5-carboxylate reductase
maker-1-augustus-gene-495.4-mRNA-1	Japonica	Indica		Os01g0948900	OsR498G0102696200.01.T01	BTB/POZ domain and ankyrin repeat-containing protein NPR5
maker-1-augustus-gene-495.8-mRNA-1	Japonica	NA				Protein OSB3, chloroplastic/mitochondrial
maker-1-augustus-gene-496.0-mRNA-1	Japonica	NA		Os01g0950000	OsR498G0102702700.01.T01	Glutathione S-transferase GST 29
maker-1-augustus-gene-496.11-mRNA-1	Japonica	NA		Os01g0951100	OsR498G0102704700.01.T01	probable ADP-ribosylation factor GTPase-activating protein AGD11
maker-1-augustus-gene-496.25-mRNA-1	Japonica	NA		Os01g0952000	OsR498G0102706900.01.T02	Germin-like protein 1-3
maker-1-augustus-gene-496.27-mRNA-1	Japonica	NA		Os01g0952100	OsR498G0102707100.01.T01	Germin-like protein 1-4
maker-1-augustus-gene-496.29-mRNA-1	Japonica	NA		Os01g0952200	OsR498G0102707300.01.T01	Helicase C-terminal domain-containing protein
maker-1-augustus-gene-496.41-mRNA-1	Japonica	NA				Flowering time control protein FY
maker-1-augustus-gene-496.47-mRNA-1	Japonica	NA		Os01g0951800	OsR498G0102706400.01.T01	Mitochondrial fission 1 protein A (Fragment)
maker-1-augustus-gene-496.49-mRNA-1	Japonica	NA		Os01g0952300	OsR498G0102707600.01.T01	Regulator of chromosome condensation (RCC1) family with FYVE zinc finger
maker-1-augustus-gene-497.55-mRNA-1	Japonica	Japonica	LRR-NBS-TM	Os01g0953400	OsR498G0102712500.01.T01	Leucine Rich Repeat family protein, expressed
maker-1-augustus-gene-497.56-mRNA-1	Japonica	NA		Os01g0954000	OsR498G0102714500.01.T01	NAD(P)H dehydrogenase (quinone)
maker-1-augustus-gene-497.58-mRNA-1	Japonica	NA			OsR498G0102716500.01.T01	E3 ubiquitin-protein ligase RHF2A isoform X1
maker-1-augustus-gene-497.62-mRNA-1	Japonica	NA		Os01g0952800	OsR498G0102710200.01.T03	Transcription factor ORG2
maker-1-augustus-gene-498.28-mRNA-1	Japonica	NA			OsR498G0102722700.01.T01	
maker-1-augustus-gene-498.31-mRNA-1	Japonica	NA			OsR498G0102723100.01.T03	Chloroquine-resistance transporter-like
maker-1-augustus-gene-498.36-mRNA-1	Japonica	NA		Os01g0954500	OsR498G0102717800.01.T04	Zinc finger, lateral root primordium type 1
maker-1-augustus-gene-498.39-mRNA-1	Japonica	NA		Os01g0955000	OsR498G0102720600.01.T01	Non-specific phospholipase

maker-1-augustus-gene-499.0-mRNA-1	Japonica	Indica		Os01g0956500	OsR498G0102727900.01.T02	
maker-1-augustus-gene-499.14-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os01g0957100	OsR498G0102731100.01.T01	Inactive leucine-rich repeat receptor-like protein kinase-like
maker-1-augustus-gene-499.16-mRNA-1	Japonica	NA		Os01g0957200	OsR498G0102731500.01.T01	Protein RETICULATA-RELATED 4, chloroplastic isoform A
maker-1-augustus-gene-499.19-mRNA-1	Japonica	NA			OsR498G0102733500.01.T01	Germacrene A oxidase
maker-1-augustus-gene-499.21-mRNA-1	Japonica	NA		Os01g0956700	OsR498G0102729800.01.T01	
maker-1-augustus-gene-499.6-mRNA-1	Japonica	NA		Os01g0956600	OsR498G0102728900.01.T01	RRM domain-containing protein
maker-1-augustus-gene-499.9-mRNA-1	Japonica	NA			OsR498G0102730700.01.T03	NAD kinase 1
maker-1-augustus-gene-5.29-mRNA-1	Japonica	NA		Os01g0107700	OsR498G0100027300.01.T01	Exostosin domain-containing protein
maker-1-augustus-gene-5.32-mRNA-1	Japonica	Japonica		Os01g0108000	OsR498G0100027900.01.T01	
maker-1-augustus-gene-5.36-mRNA-1	Japonica	NA		Os01g0108200	OsR498G0100028100.01.T01	Serine-type endopeptidase
maker-1-augustus-gene-5.40-mRNA-1	Japonica	Japonica		Os01g0108400	OsR498G0100028700.01.T02	BHLH domain-containing protein (Fragment)
maker-1-augustus-gene-5.43-mRNA-1	Japonica	Indica		Os01g0108600	OsR498G0100029700.01.T01	BHLH transcription factor
maker-1-augustus-gene-5.45-mRNA-1	Japonica	NA			OsR498G0100030100.01.T02	
maker-1-augustus-gene-5.48-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0100026400.01.T01	Serine/threonine protein kinase
maker-1-augustus-gene-5.52-mRNA-1	Japonica	NA			OsR498G0100027600.01.T03	Executer 1
maker-1-augustus-gene-500.1-mRNA-1	Japonica	NA			OsR498G0102733900.01.T03	NUC173 domain-containing protein
maker-1-augustus-gene-500.16-mRNA-1	Japonica	NA		Os01g0958500	OsR498G0102735500.01.T01	RNA-binding family protein isoform 1
maker-1-augustus-gene-500.20-mRNA-1	Japonica	NA		Os01g0958700	OsR498G0102736100.01.T01	MACPF domain-containing protein isoform X1
maker-1-augustus-gene-500.25-mRNA-1	Japonica	NA				
maker-1-augustus-gene-500.26-mRNA-1	Japonica	NA		Os01g0958900	OsR498G0102736500.01.T03	DNA mismatch repair protein MLH1
maker-1-augustus-gene-500.39-mRNA-1	Japonica	NA		Os01g0959000	OsR498G0102736700.01.T03	Serine/arginine-rich splicing factor 33
maker-1-augustus-gene-500.42-mRNA-1	Japonica	NA		Os01g0959200	OsR498G0102737100.01.T01	Absciscic stress-ripening protein 1
maker-1-augustus-gene-500.46-mRNA-1	Japonica	NA		Os01g0959900	OsR498G0102739700.01.T01	NADH dehydrogenase-like complex O
maker-1-augustus-gene-500.60-mRNA-1	Japonica	Indica		Os01g0958800	OsR498G0102736400.01.T02	Lipid droplet-associated hydrolase
maker-1-augustus-gene-500.66-mRNA-1	Japonica	NA		Os01g0959100	OsR498G0102737000.01.T01	Absciscic stress-ripening protein 1
maker-1-augustus-gene-500.68-mRNA-1	Japonica	NA			OsR498G0102739200.01.T02	Phosphatidylserine decarboxylase
maker-1-augustus-gene-501.0-mRNA-1	Japonica	NA		Os01g0961200	OsR498G0102743100.01.T01	CBS-PB1 domain contining protein
maker-1-augustus-gene-501.16-mRNA-1	Japonica	NA		Os01g0962300	OsR498G0102745100.01.T01	V-type proton ATPase proteolipid subunit
maker-1-augustus-gene-501.18-mRNA-1	Japonica	NA		Os01g0960300	OsR498G0102740600.01.T01	Glucose-inhibited division family A protein isoform 1
maker-1-augustus-gene-501.23-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os01g0960400	OsR498G0102740800.01.T02	Putative leucine-rich repeat receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-501.38-mRNA-1	Japonica	NA		Os01g0960500	OsR498G0102742000.01.T01	E3 ubiquitin-protein ligase RGLG3
maker-1-augustus-gene-501.43-mRNA-1	Japonica	Indica		Os01g0956500	OsR498G0102742200.01.T02	Protein kinase domain-containing protein
maker-1-augustus-gene-501.46-mRNA-1	Japonica	NA		Os01g0960800	OsR498G0102742400.01.T01	Mitochondrial import inner membrane translocase
maker-1-augustus-gene-501.48-mRNA-1	Japonica	NA			OsR498G0102742800.01.T01	Nitrate excretion transporter 1
maker-1-augustus-gene-501.55-mRNA-1	Japonica	Indica		Os01g0962200	OsR498G0102744800.01.T01	Senescence associated proteingene 18 isoform 1
maker-1-augustus-gene-501.58-mRNA-1	Japonica	NA		Os01g0962400	OsR498G0102745400.01.T01	Ubiquitin-fold modifier 1
maker-1-augustus-gene-501.6-mRNA-1	Japonica	NA		Os01g0961300	OsR498G0102743300.01.T03	
maker-1-augustus-gene-501.61-mRNA-1	Japonica	NA		Os01g0962500	OsR498G0102745600.01.T01	HIT-type domain-containing protein
maker-1-augustus-gene-501.64-mRNA-1	Japonica	NA		Os01g0962600	OsR498G0102745800.01.T01	Small subunit ribosomal protein S10e
maker-1-augustus-gene-502.0-mRNA-1	Japonica	NA		Os01g0962700	OsR498G0102746100.01.T01	Peroxidase
maker-1-augustus-gene-502.10-mRNA-1	Japonica	NA			OsR498G0102748900.01.T01	
maker-1-augustus-gene-502.12-mRNA-1	Japonica	NA		Os01g0963600	OsR498G0102749300.01.T01	Absciscic stress-ripening protein 2
maker-1-augustus-gene-502.14-mRNA-1	Japonica	NA			OsR498G0102749900.01.T02	Bile salt-activated lipase-like
maker-1-augustus-gene-502.16-mRNA-1	Japonica	NA		Os01g0963300	OsR498G0102748600.01.T01	t-SNARE coiled-coil homology domain-containing protein (Fragment)
maker-1-augustus-gene-502.2-mRNA-1	Japonica	NA		Os01g0962900	OsR498G0102746700.01.T01	Peroxidase
maker-1-augustus-gene-502.21-mRNA-1	Japonica	NA		Os01g0964000	OsR498G0102750400.01.T01	Synaptobrevin-like protein YKT6
maker-1-augustus-gene-502.24-mRNA-1	Japonica	Indica		Os05g0106600	OsR498G0102750600.01.T01	Beta-actin
maker-1-augustus-gene-502.4-mRNA-1	Japonica	Indica		Os01g0963200	OsR498G0102748300.01.T01	Peroxidase
maker-1-augustus-gene-502.6-mRNA-1	Japonica	Indica		Os01g0963400	OsR498G0102748700.01.T02	Thioredoxin Y, chloroplastic
maker-1-augustus-gene-503.14-mRNA-1	Japonica	NA			OsR498G0102756700.01.T05	ABC transporter D family member 1
maker-1-augustus-gene-503.3-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0102753900.01.T01	Putative serine-threonine/tyrosine-protein kinase catalytic domain-containin
maker-1-augustus-gene-503.31-mRNA-1	Japonica	NA				DNA-directed RNA polymerase subunit
maker-1-augustus-gene-503.34-mRNA-1	Japonica	NA		Os01g0965600	OsR498G0102755000.01.T01	Coiled-coil domain-containing protein R3HCC1L
maker-1-augustus-gene-503.37-mRNA-1	Japonica	NA		Os01g0965900	OsR498G0102755800.01.T01	Transcription initiation factor TFIID subunit like
maker-1-augustus-gene-503.45-mRNA-1	Japonica	NA	LRR-TM	Os01g0966400	OsR498G0102757400.01.T01	Protein phosphatase 1 regulatory subunit like
maker-1-augustus-gene-503.5-mRNA-1	Japonica	NA		Os01g0965400	OsR498G0102754100.01.T01	Uridine monophosphate kinase
maker-1-augustus-gene-503.9-mRNA-1	Japonica	NA			OsR498G0102754300.01.T01	Histone-lysine N-methyltransferase ATXR6
maker-1-augustus-gene-504.53-mRNA-1	Japonica	NA		Os01g0967800	OsR498G0102761500.01.T01	
maker-1-augustus-gene-504.55-mRNA-1	Japonica	NA		Os01g0967900	OsR498G0102761700.01.T01	Aspartyl aminopeptidase
maker-1-augustus-gene-504.64-mRNA-1	Japonica	NA				BACK domain-containing protein
maker-1-augustus-gene-504.74-mRNA-1	Japonica	NA		Os01g0968000	OsR498G0102762000.01.T01	Ribonuclease P

maker-1-augustus-gene-504.76-mRNA-1	Japonica	NA		Os01g0968100	OsR498G0102762200.01.T01	Late embryogenesis abundant protein-related / LEA protein-related
maker-1-augustus-gene-504.78-mRNA-1	Japonica	Indica		Os01g0968300	OsR498G0102762600.01.T01	Late embryogenesis abundant protein-related / LEA protein-related
maker-1-augustus-gene-504.80-mRNA-1	Japonica	NA		Os01g0969000	OsR498G0102764600.01.T01	Chloroplast outer envelope 24 kD protein
maker-1-augustus-gene-504.82-mRNA-1	Japonica	NA		Os01g0969100	OsR498G0102764800.01.T01	UDP-D-apiose/UDP-D-xylose synthase
maker-1-augustus-gene-506.16-mRNA-1	Japonica	Indica		Os01g0971700	OsR498G0102774800.01.T03	Ribosome association toxin RatA (Fragment)
maker-1-augustus-gene-506.18-mRNA-1	Japonica	NA		Os01g0971900	OsR498G0102775200.01.T02	Pumilio homolog 3
maker-1-augustus-gene-506.5-mRNA-1	Japonica	NA		Os01g0972800	OsR498G0102778700.01.T01	DNA-binding WRKY
maker-1-augustus-gene-506.7-mRNA-1	Japonica	NA		Os01g0972900	OsR498G0102778900.01.T01	B-type cell cycle switch protein ccs52B
maker-1-augustus-gene-507.0-mRNA-1	Japonica	NA		Os01g0973000	OsR498G0102779100.01.T03	Putative pyridoxal phosphatase
maker-1-augustus-gene-507.12-mRNA-1	Japonica	Indica		Os01g0973300	OsR498G0102779700.01.T01	AP-3 complex subunit beta
maker-1-augustus-gene-507.18-mRNA-1	Japonica	NA		Os01g0973600	OsR498G0102780500.01.T01	Plant-specific domain TIGR01615 family protein (Fragment)
maker-1-augustus-gene-507.20-mRNA-1	Japonica	NA		Os01g0974000	OsR498G0102780900.01.T01	Protein TRIGALACTOSYLDIACYLGLYCEROL 2 chloroplastic
maker-1-augustus-gene-507.23-mRNA-1	Japonica	Indica		Os05g0111200	OsR498G0102781100.01.T02	Amino acid selective channel protein
maker-1-augustus-gene-507.28-mRNA-1	Japonica	NA		Os01g0974600	OsR498G0102782900.01.T04	RRM domain-containing protein
maker-1-augustus-gene-507.31-mRNA-1	Japonica	NA		Os01g0973200	OsR498G0102779600.01.T01	Kinetochore protein spc25
maker-1-augustus-gene-507.36-mRNA-1	Japonica	NA		Os01g0973400	OsR498G0102780000.01.T01	Elp3 domain-containing protein (Fragment)
maker-1-augustus-gene-507.39-mRNA-1	Japonica	NA	Kinase-TM	Os01g0973500	OsR498G0102780200.01.T01	receptor-like cytoplasmic kinase 176
maker-1-augustus-gene-507.4-mRNA-1	Japonica	Indica		Os01g0550800	OsR498G0102779300.01.T02	Carboxyl-terminal peptidase-like
maker-1-augustus-gene-507.43-mRNA-1	Japonica	NA				
maker-1-augustus-gene-507.48-mRNA-1	Japonica	NA		Os01g0974500	OsR498G0102782800.01.T03	Pectin acetyltransferase
maker-1-augustus-gene-507.51-mRNA-1	Japonica	Indica		Os05g0114000	OsR498G0102783200.01.T04	Inorganic diphosphatase
maker-1-augustus-gene-507.55-mRNA-1	Japonica	NA		Os01g0975000	OsR498G0102784200.01.T01	UPSTREAM OF FLC protein (DUF966)
maker-1-augustus-gene-508.34-mRNA-1	Japonica	Indica		Os01g0975300	OsR498G0102785500.01.T01	Myb-related protein MYBAS2
maker-1-augustus-gene-508.37-mRNA-1	Japonica	NA				fructose-bisphosphate aldolase-lysine N-methyltransferase, chloroplastic iso
maker-1-augustus-gene-508.42-mRNA-1	Japonica	NA		Os01g0976500	OsR498G0102789100.01.T03	NAB domain-containing protein (Fragment)
maker-1-augustus-gene-508.44-mRNA-1	Japonica	NA		Os01g0975900	OsR498G0102787800.01.T01	Aquaporin TIP3
maker-1-augustus-gene-508.46-mRNA-1	Japonica	NA		Os01g0976000	OsR498G0102788400.01.T03	Vacuolar fusion protein MON1 homolog
maker-1-augustus-gene-508.49-mRNA-1	Japonica	Indica		Os03g0280000	OsR498G0102788600.01.T03	ABC transporter
maker-1-augustus-gene-508.54-mRNA-1	Japonica	NA		Os01g0976600	OsR498G0102789400.01.T01	2-methoxy-6-polyprenyl-1,4-benzoquinol methylase, mitochondrial
maker-1-augustus-gene-508.57-mRNA-1	Japonica	NA		Os01g0976800	OsR498G0102790200.01.T01	GATA-type domain-containing protein
maker-1-augustus-gene-509.16-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os01g0976900	OsR498G0102790800.01.T02	Mitogen-activated protein kinase kinase kinase
maker-1-augustus-gene-509.2-mRNA-1	Japonica	NA			OsR498G0102791300.01.T01	DnaJ protein P58IPK homolog B
maker-1-augustus-gene-509.21-mRNA-1	Japonica	NA		Os01g0977600	OsR498G0102792600.01.T01	E3 ubiquitin-protein ligase listerin
maker-1-augustus-gene-509.26-mRNA-1	Japonica	Indica		Os01g0978100	OsR498G0102794600.01.T01	Cysteine synthase
maker-1-augustus-gene-509.7-mRNA-1	Japonica	NA			OsR498G0102794100.01.T05	Mitochondrial uncoupling protein 1
maker-1-augustus-gene-52.26-mRNA-1	Japonica	NA		Os01g0195700	OsR498G0100335900.01.T01	BHLH transcription factor
maker-1-augustus-gene-53.0-mRNA-1	Japonica	NA		Os01g0197100	OsR498G0100341300.01.T01	3-epi-6-deoxocathasterone 23-monooxygenase isoform X2
maker-1-augustus-gene-53.10-mRNA-1	Japonica	NA			OsR498G0100341800.01.T04	Dead box ATP-dependent RNA helicase
maker-1-augustus-gene-53.14-mRNA-1	Japonica	NA		Os01g0197500	OsR498G0100344000.01.T02	Ceramidase
maker-1-augustus-gene-53.17-mRNA-1	Japonica	NA			OsR498G0100344200.01.T01	Cytokinin dehydrogenase
maker-1-augustus-gene-53.19-mRNA-1	Japonica	Japonica		Os01g0197900	OsR498G0100345200.01.T02	RNA-dependent RNA polymerase
maker-1-augustus-gene-53.21-mRNA-1	Japonica	Indica		Os01g0198100	OsR498G0100345000.01.T05	RNA-dependent RNA polymerase
maker-1-augustus-gene-53.22-mRNA-1	Japonica	Indica		Os01g0198100	OsR498G0100345000.01.T05	RNA-dependent RNA polymerase
maker-1-augustus-gene-53.25-mRNA-1	Japonica	NA			OsR498G0100345200.01.T01	RNA-dependent RNA polymerase
maker-1-augustus-gene-53.32-mRNA-1	Japonica	NA		Os01g0198200	OsR498G0100345600.01.T01	Casein kinase I hhp1
maker-1-augustus-gene-53.4-mRNA-1	Japonica	NA		Os01g0197400	OsR498G0100343500.01.T04	CA-responsive protein
maker-1-augustus-gene-55.18-mRNA-1	Japonica	NA	Kinase-TM	Os01g0201200	OsR498G0100357200.01.T04	Serine/threonine-protein kinase
maker-1-augustus-gene-55.7-mRNA-1	Japonica	Indica		Os03g0692000	OsR498G0100356900.01.T01	beta-glucuronosyltransferase GlcAT14B-like
maker-1-augustus-gene-56.0-mRNA-1	Japonica	NA		Os01g0201600	OsR498G0100361000.01.T01	Meiosis 5
maker-1-augustus-gene-56.2-mRNA-1	Japonica	Indica		Os01g0201700	OsR498G0100361800.01.T03	MADS-box transcription factor
maker-1-augustus-gene-56.6-mRNA-1	Japonica	Indica		Os01g0201900	OsR498G0100362800.01.T07	Nodulin-26 like intrinsic protein
maker-1-augustus-gene-57.0-mRNA-1	Japonica	NA		Os01g0202500	OsR498G0100364900.01.T01	B-box zinc finger protein 22
maker-1-augustus-gene-57.16-mRNA-1	Japonica	NA		Os01g0204000	OsR498G0100370600.01.T01	DNA polymerase delta subunit 3
maker-1-augustus-gene-57.2-mRNA-1	Japonica	Indica		Os06g0157500	OsR498G0100365100.01.T01	Protein TWIN SISTER of FT (Fragment)
maker-1-augustus-gene-57.4-mRNA-1	Japonica	NA		Os01g0202800	OsR498G0100366800.01.T02	Nodulin-26 like intrinsic protein
maker-1-augustus-gene-57.5-mRNA-1	Japonica	NA			OsR498G0100366800.01.T02	Aquaporin NIP-type
maker-1-augustus-gene-57.6-mRNA-1	Japonica	NA		Os01g0203000	OsR498G0100367000.01.T01	BES transcription factor
maker-1-augustus-gene-58.0-mRNA-1	Japonica	NA		Os01g0205100	OsR498G0100372900.01.T01	Leucine-rich repeat and WD repeat-containing protein 1
maker-1-augustus-gene-59.12-mRNA-1	Japonica	NA		Os01g0208700	OsR498G0100384500.01.T01	Phosphoenolpyruvate carboxylase
maker-1-augustus-gene-59.16-mRNA-1	Japonica	NA		Os01g0209000	OsR498G0100385100.01.T03	Mannosyltransferase
maker-1-augustus-gene-6.0-mRNA-1	Japonica	NA			OsR498G0100031100.01.T02	Deoxynucleoside triphosphate triphosphohydrolase SAMHD1

maker-1-augustus-gene-6.10-mRNA-1	Japonica	NA		Os01g0110400	OsR498G0100033900.01.T03	Acetyl-CoA acetyltransferase, cytosolic 2
maker-1-augustus-gene-6.15-mRNA-1	Japonica	NA		Os01g0111200	OsR498G0100035700.01.T01	Protein decapping like
maker-1-augustus-gene-6.19-mRNA-1	Japonica	NA		Os01g0109700	OsR498G0100031800.01.T01	Paired amphipathic helix protein Sin3
maker-1-augustus-gene-6.26-mRNA-1	Japonica	NA		Os01g0109750	OsR498G0100032000.01.T04	Paired amphipathic helix protein Sin3-like 4 (Fragment)
maker-1-augustus-gene-6.29-mRNA-1	Japonica	NA		Os01g0110200	OsR498G0100033600.01.T01	Protein O-GlcNAc transferase (Fragment)
maker-1-augustus-gene-6.31-mRNA-1	Japonica	NA	Kinase-TM	Os01g0110500	OsR498G0100034200.01.T01	Proline-rich receptor-like protein kinase PERK8
maker-1-augustus-gene-6.35-mRNA-1	Japonica	NA		Os01g0110700	OsR498G0100034600.01.T01	Phosphoenolpyruvate carboxylase
maker-1-augustus-gene-6.37-mRNA-1	Japonica	Indica	LRR-TM	Os01g0110800	OsR498G0100035200.01.T01	Piriformospora indica-insensitive protein 2
maker-1-augustus-gene-6.40-mRNA-1	Japonica	NA		Os01g0111100	OsR498G0100035600.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-1-augustus-gene-6.6-mRNA-1	Japonica	Indica		Os06g0493600	OsR498G0100033300.01.T01	Phosphate transporter PHO1 like 1
maker-1-augustus-gene-60.0-mRNA-1	Japonica	NA		Os01g0209200		Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein
maker-1-augustus-gene-60.12-mRNA-1	Japonica	NA		Os01g0209700	OsR498G0100389000.01.T01	Gibberellin 2-beta-dioxygenase
maker-1-augustus-gene-60.14-mRNA-1	Japonica	NA		Os01g0209800	OsR498G0100389600.01.T01	Cationic amino acid transporter like
maker-1-augustus-gene-60.16-mRNA-1	Japonica	Japonica		Os01g0210400	OsR498G0100391800.01.T01	PIK-related kinase, FAT
maker-1-augustus-gene-60.18-mRNA-1	Japonica	NA		Os01g0210500	OsR498G0100392000.01.T01	Heme-binding protein 2
maker-1-augustus-gene-60.3-mRNA-1	Japonica	Japonica		Os01g0210300	OsR498G0100391500.01.T01	
maker-1-augustus-gene-60.6-mRNA-1	Japonica	NA		Os01g0209400	OsR498G0100386600.01.T01	Polyadenylate-binding protein-interacting protein 9
maker-1-augustus-gene-61.24-mRNA-1	Japonica	Indica		Os01g0210800	OsR498G0100394100.01.T01	phospho-N-acetylmuramoyl-pentapeptide- transferase homolog isoform X1
maker-1-augustus-gene-61.29-mRNA-1	Japonica	NA		Os01g0210700	OsR498G0100393600.01.T03	K ⁺ -channel ERG
maker-1-augustus-gene-62.5-mRNA-1	Japonica	NA		Os01g0212400	OsR498G0100402300.01.T01	sodium/calcium exchanger NCL
maker-1-augustus-gene-62.8-mRNA-1	Japonica	NA			OsR498G0100402600.01.T01	SPOROCTELESS-like EAR-containing protein 2
maker-1-augustus-gene-63.0-mRNA-1	Japonica	NA			OsR498G0100410300.01.T01	Transcription factor like
maker-1-augustus-gene-63.11-mRNA-1	Japonica	Indica		Os01g0214600	OsR498G0100411100.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-63.13-mRNA-1	Japonica	NA		Os01g0214800	OsR498G0100411900.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-63.15-mRNA-1	Japonica	Japonica		Os01g0215000	OsR498G0100444200.01.T01	ABC transporter D family member 2, chloroplastic (Fragment)
maker-1-augustus-gene-63.2-mRNA-1	Japonica	NA			OsR498G0100410500.01.T04	Ferritin-like superfamily
maker-1-augustus-gene-63.20-mRNA-1	Japonica	NA		Os01g0214200	OsR498G0100410000.01.T01	Isoamyl acetate-hydrolyzing esterase
maker-1-augustus-gene-63.7-mRNA-1	Japonica	NA		Os01g0214500	OsR498G0100410700.01.T01	
maker-1-augustus-gene-63.9-mRNA-1	Japonica	NA			OsR498G1119638400.01.T01	Transposon protein, putative, unclassified
maker-1-augustus-gene-64.0-mRNA-1	Japonica	NA		Os01g0215700	OsR498G0100415100.01.T01	Gdsl esterase/lipase
maker-1-augustus-gene-64.2-mRNA-1	Japonica	NA		Os01g0216000	OsR498G0100416300.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-64.4-mRNA-1	Japonica	NA		Os01g0216300	OsR498G0100416500.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-65.12-mRNA-1	Japonica	NA		Os01g0218100	OsR498G0100424900.01.T01	Transcription factor bHLH30 like
maker-1-augustus-gene-65.14-mRNA-1	Japonica	NA		Os01g0218200	OsR498G0100426100.01.T01	Inactive TPR repeat-containing thioredoxin TTL3
maker-1-augustus-gene-65.19-mRNA-1	Japonica	NA		Os01g0218500	OsR498G0100427300.01.T01	Phosphatidylethanolamine-binding protein PEBP
maker-1-augustus-gene-65.23-mRNA-1	Japonica	NA		Os01g0218700	OsR498G0100427600.01.T02	Peroxisomal membrane ABC transporter family isoform 1
maker-1-augustus-gene-65.29-mRNA-1	Japonica	NA				histone-lysine N-methyltransferase ATX4
maker-1-augustus-gene-65.34-mRNA-1	Japonica	NA		Os01g0218900	OsR498G0100428600.01.T03	Histone-lysine N-methyltransferase ATX4
maker-1-augustus-gene-65.6-mRNA-1	Japonica	NA			OsR498G0100423700.01.T04	Transcriptional activator DEMETER
maker-1-augustus-gene-66.0-mRNA-1	Japonica	NA		Os01g0219100	OsR498G0100428900.01.T03	Vesicle transport protein
maker-1-augustus-gene-66.10-mRNA-1	Japonica	NA		Os01g0219600	OsR498G0100430000.01.T01	Endoglucanase
maker-1-augustus-gene-66.12-mRNA-1	Japonica	NA		Os01g0220100	OsR498G0100430400.01.T02	Endoglucanase
maker-1-augustus-gene-66.14-mRNA-1	Japonica	Indica		Os05g0212400	OsR498G0100431000.01.T02	Ectonucleotide pyrophosphatase/phosphodiesterase family member 3
maker-1-augustus-gene-66.19-mRNA-1	Japonica	NA		Os01g0220500	OsR498G0100433200.01.T01	Inhibitor I9 domain-containing protein (Fragment)
maker-1-augustus-gene-66.21-mRNA-1	Japonica	NA		Os01g0220700	OsR498G0100435800.01.T03	Bidirectional sugar transporter SWEET
maker-1-augustus-gene-66.4-mRNA-1	Japonica	NA				Reduced male fertility
maker-1-augustus-gene-66.6-mRNA-1	Japonica	NA		Os01g0219500	OsR498G0100429700.01.T01	AAI domain-containing protein
maker-1-augustus-gene-66.8-mRNA-1	Japonica	NA				Translation elongation factor EF1B/ribosomal protein S6 family protein isoform
maker-1-augustus-gene-69.0-mRNA-1	Japonica	NA		Os01g0224300	OsR498G0100453300.01.T01	Cysteine alpha-hairpin motif superfamily
maker-1-augustus-gene-69.15-mRNA-1	Japonica	NA			OsR498G0100458500.01.T01	GTP-binding protein EngA
maker-1-augustus-gene-69.2-mRNA-1	Japonica	NA			OsR498G0100453700.01.T01	Mitochondrial carrier protein CGI-69
maker-1-augustus-gene-69.20-mRNA-1	Japonica	NA			OsR498G0100458700.01.T02	GTP binding
maker-1-augustus-gene-69.26-mRNA-1	Japonica	NA		Os01g0224200	OsR498G0100453200.01.T01	Plastid division protein PDV1
maker-1-augustus-gene-69.28-mRNA-1	Japonica	NA		Os01g0224500	OsR498G0100454000.01.T01	Phosphatidylinositol N-acetylglucosaminyltransferase (Fragment)
maker-1-augustus-gene-69.31-mRNA-1	Japonica	NA		Os01g0225000	OsR498G0100456800.01.T01	Mitochondrial arginine transporter like
maker-1-augustus-gene-69.34-mRNA-1	Japonica	NA			OsR498G0100459000.01.T01	3-methyl-2-oxobutanoate hydroxymethyltransferase
maker-1-augustus-gene-69.37-mRNA-1	Japonica	NA			OsR498G0100459200.01.T01	3-methyl-2-oxobutanoate hydroxymethyltransferase
maker-1-augustus-gene-69.7-mRNA-1	Japonica	NA		Os01g0224700	OsR498G0100455300.01.T01	Flavin-containing monooxygenase
maker-1-augustus-gene-69.9-mRNA-1	Japonica	NA			OsR498G0100458300.01.T04	Smr domain-containing protein
maker-1-augustus-gene-7.0-mRNA-1	Japonica	NA		Os01g0111250	OsR498G0100035900.01.T03	Usp domain-containing protein
maker-1-augustus-gene-7.11-mRNA-1	Japonica	NA		Os01g0111500	OsR498G0100036600.01.T01	Transcription factor bHLH83

maker-1-augustus-gene-7.5-mRNA-1	Japonica	NA		Os01g0111400		Zinc finger BED domain-containing protein DAYSLEEPER
maker-1-augustus-gene-7.7-mRNA-1	Japonica	NA		Os01g0111600	OsR498G0100037100.01.T01	Protein MOTHER of FT and TF 1
maker-1-augustus-gene-70.0-mRNA-1	Japonica	Indica		Os01g0226300	OsR498G0100462300.01.T01	Reticulon-like protein (Fragment)
maker-1-augustus-gene-70.4-mRNA-1	Japonica	NA		Os01g0226500	OsR498G0100462700.01.T05	U11/U12 small nuclear ribonucleoprotein 59 kDa protein isoform A
maker-1-augustus-gene-70.7-mRNA-1	Japonica	NA		Os01g0226600	OsR498G0100463300.01.T03	S-type anion channel SLAH3
maker-1-augustus-gene-70.9-mRNA-1	Japonica	NA		Os01g0226200	OsR498G0100461600.01.T01	probable membrane-associated kinase regulator 2
maker-1-augustus-gene-71.28-mRNA-1	Japonica	NA		Os01g0227100	OsR498G0100466700.01.T02	Putative chlorophyll(ide) b reductase NYC1
maker-1-augustus-gene-71.33-mRNA-1	Japonica	NA	Kinase-TM	Os01g0227200	OsR498G0100467900.01.T01	Receptor protein kinase PERK1
maker-1-augustus-gene-71.37-mRNA-1	Japonica	NA		Os01g0227300	OsR498G0100468100.01.T01	Ras-related protein Rab7
maker-1-augustus-gene-71.41-mRNA-1	Japonica	Indica		Os01g0227500	OsR498G0100468300.01.T01	Putative ferulate 5-hydroxylase
maker-1-augustus-gene-71.43-mRNA-1	Japonica	NA		Os01g0227500	OsR498G0100468500.01.T01	Putative ferulate 5-hydroxylase
maker-1-augustus-gene-71.45-mRNA-1	Japonica	Indica		Os01g0227800	OsR498G0100468900.01.T01	
maker-1-augustus-gene-71.47-mRNA-1	Japonica	NA		Os01g0227800	OsR498G0100469700.01.T01	Putative ferulate 5-hydroxylase
maker-1-augustus-gene-71.50-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os01g0228200	OsR498G0100470100.01.T01	Putative receptor kinase TRKc
maker-1-augustus-gene-71.53-mRNA-1	Japonica	NA		Os01g0228400	OsR498G0100471100.01.T02	Pentatricopeptide repeat-containing protein isoform X1
maker-1-augustus-gene-71.55-mRNA-1	Japonica	NA		Os01g0228300	OsR498G0100470400.01.T01	Peroxisomal membrane protein PMP22
maker-1-augustus-gene-71.57-mRNA-1	Japonica	NA		Os01g0228500	OsR498G0100471400.01.T04	Late embryogenesis abundant protein group 2
maker-1-augustus-gene-71.59-mRNA-1	Japonica	Indica		Os01g0228600	OsR498G0100471600.01.T02	Hydroxyacid dehydrogenase
maker-1-augustus-gene-71.62-mRNA-1	Japonica	NA		Os01g0228800	OsR498G0100472000.01.T02	VARLMGL domain-containing protein
maker-1-augustus-gene-72.0-mRNA-1	Japonica	Indica		Os12g0238000	OsR498G0100472700.01.T01	Transcription factor myb
maker-1-augustus-gene-72.14-mRNA-1	Japonica	NA		Os01g0229500	OsR498G0100476300.01.T01	4HBT domain-containing protein (Fragment)
maker-1-augustus-gene-72.16-mRNA-1	Japonica	NA				4HBT domain-containing protein (Fragment)
maker-1-augustus-gene-72.18-mRNA-1	Japonica	Indica		Os01g0233900	OsR498G0100477300.01.T01	Ubiquitin-conjugating enzyme family protein, expressed
maker-1-augustus-gene-72.27-mRNA-1	Japonica	NA		Os01g0229100	OsR498G0100473000.01.T01	Eukaryotic translation initiation factor 3 subunit L
maker-1-augustus-gene-72.31-mRNA-1	Japonica	NA		Os01g0229400	OsR498G0100475200.01.T01	Rac-like GTP-binding protein ARAC7
maker-1-augustus-gene-72.34-mRNA-1	Japonica	NA		Os01g0229700	OsR498G0100476600.01.T01	RING-type E3 ubiquitin transferase
maker-1-augustus-gene-72.7-mRNA-1	Japonica	NA		Os01g0229200	OsR498G0100473100.01.T04	Putative VHS/GAT domain containing family protein
maker-1-augustus-gene-73.38-mRNA-1	Japonica	NA		Os01g0231000	OsR498G0100479700.01.T01	Auxin-responsive protein IAA3
maker-1-augustus-gene-73.41-mRNA-1	Japonica	NA		Os01g0861400		VACUOLAR SORTING RECEPTOR 2
maker-1-augustus-gene-73.50-mRNA-1	Japonica	NA				KH domain-containing protein (Fragment)
maker-1-augustus-gene-73.55-mRNA-1	Japonica	NA		Os01g0232000	OsR498G0100482300.01.T01	Aquaporin TIP4-4
maker-1-augustus-gene-73.57-mRNA-1	Japonica	NA		Os01g0232100	OsR498G0100482700.01.T03	Aquaporin TIP4-3
maker-1-augustus-gene-73.59-mRNA-1	Japonica	NA		Os01g0230200		Transcription factor bHLH68 isoform B
maker-1-augustus-gene-73.60-mRNA-1	Japonica	NA		Os01g0230200	OsR498G0100477800.01.T05	BHLH domain-containing protein
maker-1-augustus-gene-73.71-mRNA-1	Japonica	NA		Os01g0231700	OsR498G0100481600.01.T02	60s acidic ribosomal protein-domain-containing protein
maker-1-augustus-gene-74.28-mRNA-1	Japonica	NA		Os01g0232300	OsR498G0100484700.01.T02	Zinc phosphodiesterase
maker-1-augustus-gene-74.34-mRNA-1	Japonica	NA		Os01g0232400	OsR498G0100484900.01.T01	VHS domain-containing protein
maker-1-augustus-gene-74.36-mRNA-1	Japonica	NA		Os01g0232500	OsR498G0100485700.01.T02	Putative ubiquitin-onjugating enzyme E2
maker-1-augustus-gene-74.39-mRNA-1	Japonica	NA		Os01g0232700	OsR498G0100486100.01.T02	Histidinol dehydrogenase
maker-1-augustus-gene-74.47-mRNA-1	Japonica	NA	Kinase-TM	Os01g0233800	OsR498G0100488900.01.T01	Serine/threonine-protein kinase
maker-1-augustus-gene-74.49-mRNA-1	Japonica	NA			OsR498G0100486400.01.T01	Glycosyltransferase family 92 protein (Fragment)
maker-1-augustus-gene-74.55-mRNA-1	Japonica	NA		Os01g0233000	OsR498G0100487200.01.T02	Salt stress root protein RS1
maker-1-augustus-gene-74.58-mRNA-1	Japonica	NA		Os01g0233500	OsR498G0100488600.01.T01	Cyclin N-terminal domain-containing protein (Fragment)
maker-1-augustus-gene-74.73-mRNA-1	Japonica	NA		Os01g0233900	OsR498G0100489200.01.T05	Ubiquitin-conjugating enzyme-like
maker-1-augustus-gene-75.42-mRNA-1	Japonica	NA		Os01g0234100	OsR498G0100489900.01.T01	TF-B3 domain-containing protein
maker-1-augustus-gene-75.46-mRNA-1	Japonica	NA		Os01g0235100	OsR498G0100493500.01.T01	Transcriptional coactivator p15 (PC4) family protein (KELP)
maker-1-augustus-gene-75.49-mRNA-1	Japonica	NA		Os01g0235300	OsR498G0100494100.01.T01	SOUL heme-binding
maker-1-augustus-gene-75.51-mRNA-1	Japonica	NA			OsR498G0100496700.01.T05	RNA-binding KH domain-containing protein RCF3
maker-1-augustus-gene-75.56-mRNA-1	Japonica	NA		Os02g0699700	OsR498G0204598600.01.T05	DNA topoisomerase 2
maker-1-augustus-gene-75.58-mRNA-1	Japonica	NA			OsR498G0100492200.01.T04	SEC22 vesicle trafficking protein-like protein B
maker-1-augustus-gene-75.63-mRNA-1	Japonica	NA		Os01g0234850	OsR498G0100492600.01.T01	Phosphoinositide 4-kinase gamma 4, gamma 4,ubdk gamma 4,pi4k gamma 4
maker-1-augustus-gene-75.66-mRNA-1	Japonica	NA		Os01g0234900	OsR498G0100493200.01.T02	RING-type E3 ubiquitin transferase
maker-1-augustus-gene-75.68-mRNA-1	Japonica	NA		Os01g0235200	OsR498G0100493800.01.T02	Defective in meristem silencing 3
maker-1-augustus-gene-75.73-mRNA-1	Japonica	NA			OsR498G0100494400.01.T01	WPP domain-interacting tail-anchored protein 1
maker-1-augustus-gene-75.76-mRNA-1	Japonica	NA		Os01g0235700	OsR498G0100495800.01.T01	Transcription factor bHLH13
maker-1-augustus-gene-76.32-mRNA-1	Japonica	NA		Os01g0236300	OsR498G0100499700.01.T01	Auxin response factor
maker-1-augustus-gene-76.38-mRNA-1	Japonica	NA		Os01g0236400	OsR498G0100500300.01.T01	Probable protein ABIL3
maker-1-augustus-gene-76.42-mRNA-1	Japonica	NA		Os01g0236700	OsR498G0100502100.01.T04	NIN like protein 7
maker-1-augustus-gene-76.47-mRNA-1	Japonica	NA		Os01g0237000	OsR498G0100503300.01.T01	
maker-1-augustus-gene-76.49-mRNA-1	Japonica	NA		Os01g0236800	OsR498G0100502400.01.T01	Beta-amylase
maker-1-augustus-gene-76.54-mRNA-1	Japonica	NA		Os01g0237100	OsR498G0100503600.01.T01	probable 2-carboxy-D-arabinitol-1-phosphatase

maker-1-augustus-gene-76.56-mRNA-1	Japonica	NA			OsR498G0100504200.01.T01	Phenylcoumaran benzylic ether reductase (Fragment)
maker-1-augustus-gene-77.0-mRNA-1	Japonica	NA		Os01g0238500	OsR498G0100507700.01.T01	Branched-chain-amino-acid aminotransferase-like protein chloroplastic-like
maker-1-augustus-gene-77.18-mRNA-1	Japonica	Indica		Os01g0237500	OsR498G0100505800.01.T02	NmrA domain-containing protein (Fragment)
maker-1-augustus-gene-77.19-mRNA-1	Japonica	Indica		Os01g0237366	OsR498G0100505800.01.T02	NmrA domain-containing protein (Fragment)
maker-1-augustus-gene-77.24-mRNA-1	Japonica	NA		Os01g0238800		Protein NUCLEAR FUSION DEFECTIVE 6 chloroplastic/mitochondrial
maker-1-augustus-gene-77.26-mRNA-1	Japonica	NA		Os01g0239000	OsR498G0100509200.01.T02	Transcription activator GLK1 isoform X2
maker-1-augustus-gene-77.5-mRNA-1	Japonica	NA		Os01g0238600	OsR498G0100507900.01.T01	Putative metal-nicotianamine transporter YSL1
maker-1-augustus-gene-77.7-mRNA-1	Japonica	NA		Os01g0238700	OsR498G0100508300.01.T01	Probable metal-nicotianamine transporter YSL1
maker-1-augustus-gene-77.9-mRNA-1	Japonica	NA			OsR498G0100508900.01.T01	DDB1- and CUL4-associated factor 13
maker-1-augustus-gene-78.38-mRNA-1	Japonica	NA			OsR498G0100514500.01.T02	
maker-1-augustus-gene-78.41-mRNA-1	Japonica	Indica		Os01g0240700	OsR498G0100514900.01.T01	Reverse transcriptase domain-containing protein
maker-1-augustus-gene-78.43-mRNA-1	Japonica	Japonica		Os01g0240700	OsR498G0100515300.01.T01	DUF1618 domain-containing protein (Fragment)
maker-1-augustus-gene-78.46-mRNA-1	Japonica	Indica		Os01g0241000	OsR498G0100519100.01.T01	
maker-1-augustus-gene-78.48-mRNA-1	Japonica	NA		Os01g0239200	OsR498G0100510600.01.T02	Triose phosphate/phosphate translocator TPT chloroplastic
maker-1-augustus-gene-78.54-mRNA-1	Japonica	NA			OsR498G0100519400.01.T02	Lecithin-cholesterol acyltransferase-like 1
maker-1-augustus-gene-79.0-mRNA-1	Japonica	NA				Zinc finger protein MAGPIE
maker-1-augustus-gene-79.12-mRNA-1	Japonica	Indica		Os01g0242500	OsR498G0100522400.01.T02	D-aminoacyl-tRNA deacylase
maker-1-augustus-gene-79.16-mRNA-1	Japonica	NA		Os01g0242600	OsR498G0100522600.01.T02	C2 domain-containing protein (Fragment)
maker-1-augustus-gene-79.2-mRNA-1	Japonica	NA		Os01g0242300	OsR498G0100521900.01.T03	Optic atrophy 3 protein
maker-1-augustus-gene-79.22-mRNA-1	Japonica	Japonica		Os01g0243000	OsR498G0100524200.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-79.24-mRNA-1	Japonica	Indica		Os01g0243200	OsR498G0100525200.01.T01	Folate-biopterin transporter like
maker-1-augustus-gene-79.5-mRNA-1	Japonica	NA		Os01g0242900	OsR498G0100523900.01.T01	Ribosomal protein L18ae family
maker-1-augustus-gene-79.8-mRNA-1	Japonica	NA				P-loop nucleoside triphosphate hydrolases superfamily protein with Calponin
maker-1-augustus-gene-80.50-mRNA-1	Japonica	Japonica		Os01g0243900	OsR498G0100529200.01.T01	Zinc finger CCH domain-containing protein 4
maker-1-augustus-gene-94.43-mRNA-1	Japonica	NA		Os01g0270300	OsR498G0100632700.01.T01	Peroxidase
maker-1-augustus-gene-94.45-mRNA-1	Japonica	NA		Os01g0271000	OsR498G0100633900.01.T01	Mitochondrial inner membrane translocase subunit Tim17/Tim22/Tim23/pe
maker-1-augustus-gene-94.55-mRNA-1	Japonica	NA		Os01g0270100	OsR498G0100632000.01.T01	Cysteine proteinase inhibitor
maker-1-augustus-gene-94.57-mRNA-1	Japonica	NA		Os01g0271200	OsR498G0100634200.01.T01	Glutamyl-tRNA synthetase
maker-1-augustus-gene-94.59-mRNA-1	Japonica	NA		Os01g0271400	OsR498G0100634400.01.T03	ATP-dependent Clp protease proteolytic subunit
maker-1-augustus-gene-95.33-mRNA-1	Japonica	NA		Os01g0271500	OsR498G0100634700.01.T03	Ubiquitin-activating enzyme repeat
maker-1-augustus-gene-95.37-mRNA-1	Japonica	NA		Os01g0272600	OsR498G0100638100.01.T01	Hydroxyproline O-arabinosyltransferase
maker-1-augustus-gene-95.42-mRNA-1	Japonica	NA			OsR498G0100640700.01.T05	DnaJ homolog subfamily C member 7
maker-1-augustus-gene-95.48-mRNA-1	Japonica	NA			OsR498G0100635600.01.T01	ARID domain-containing protein C08B11.3
maker-1-augustus-gene-95.51-mRNA-1	Japonica	NA			OsR498G0100638400.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-1-augustus-gene-95.53-mRNA-1	Japonica	NA				Transglutaminase family protein
maker-1-augustus-gene-95.58-mRNA-1	Japonica	NA		Os01g0273000	OsR498G0100639400.01.T01	Deleted in split hand/splt foot protein 1
maker-1-augustus-gene-95.60-mRNA-1	Japonica	NA				
maker-1-augustus-gene-96.0-mRNA-1	Japonica	NA		Os01g0273800	OsR498G0100642500.01.T01	Flavin-containing monooxygenase
maker-1-augustus-gene-96.10-mRNA-1	Japonica	NA			OsR498G0100647800.01.T01	Transcription factor MYB105
maker-1-augustus-gene-96.2-mRNA-1	Japonica	NA			OsR498G0714022200.01.T01	
maker-1-augustus-gene-96.4-mRNA-1	Japonica	NA				Ulp1 protease family, C-terminal catalytic domain containing protein, expres
maker-1-augustus-gene-96.6-mRNA-1	Japonica	NA		Os01g0274100	OsR498G0100643300.01.T01	Flavin-containing monooxygenase
maker-1-augustus-gene-97.24-mRNA-1	Japonica	NA		Os01g0276100	OsR498G0100653900.01.T05	Isocitrate dehydrogenase [NAD] catalytic subunit 5, mitochondrial
maker-1-augustus-gene-97.29-mRNA-1	Japonica	NA		Os01g0276300	OsR498G0100654700.01.T01	Embryonic protein DC-8
maker-1-augustus-gene-97.41-mRNA-1	Japonica	NA		Os01g0275600	OsR498G0100651200.01.T03	Argonaute
maker-1-augustus-gene-97.48-mRNA-1	Japonica	NA				
maker-1-augustus-gene-97.55-mRNA-1	Japonica	NA		Os01g0276000	OsR498G0100653000.01.T01	60S ribosomal protein L30
maker-1-augustus-gene-97.60-mRNA-1	Japonica	NA		Os01g0276200	OsR498G0100654200.01.T01	Mitochondrial import receptor subunit TOM40-1, N-terminally processed lik
maker-1-augustus-gene-98.28-mRNA-1	Japonica	NA		Os01g0277700	OsR498G0100658900.01.T01	Fe(3+) dicitrate transport system permease fecC
maker-1-augustus-gene-98.31-mRNA-1	Japonica	NA		Os01g0277900	OsR498G0100660500.01.T01	J domain-containing protein (Fragment)
maker-1-augustus-gene-98.34-mRNA-1	Japonica	NA		Os01g0276500	OsR498G0100655200.01.T01	Phosphoribosyl-AMP cyclohydrolase
maker-1-augustus-gene-98.38-mRNA-1	Japonica	NA		Os01g0276700	OsR498G0100655600.01.T01	Pyruvate kinase
maker-1-augustus-gene-98.41-mRNA-1	Japonica	NA		Os01g0276800	OsR498G0100656000.01.T01	Glucosidase 2 subunit beta
maker-1-augustus-gene-98.47-mRNA-1	Japonica	NA		Os01g0277600	OsR498G0100658600.01.T01	Phospholipid-transporting ATPase
maker-1-augustus-gene-99.28-mRNA-1	Japonica	NA				
maker-1-augustus-gene-99.33-mRNA-1	Japonica	NA		Os01g0278900	OsR498G0100667700.01.T02	50S ribosomal protein 5 chloroplastic
maker-1-augustus-gene-99.35-mRNA-1	Japonica	NA			OsR498G0100667900.01.T01	CO(2)-response secreted protease
maker-1-augustus-gene-99.37-mRNA-1	Japonica	NA		Os01g0279000	OsR498G0100668100.01.T01	S-acyltransferase
maker-1-augustus-gene-99.40-mRNA-1	Japonica	NA		Os01g0279100	OsR498G0100668500.01.T01	Magnesium-protoporphyrin IX monomethyl ester (oxidative) cyclase
maker-1-augustus-gene-99.44-mRNA-1	Japonica	NA		Os01g0279200	OsR498G0100668700.01.T02	COP9 signalosome complex subunit
maker-10-augustus-gene-105.10-mRNA-1	Japonica	NA		Os10g0430700	OsR498G1018763700.01.T01	

maker-10-augustus-gene-105.21-mRNA-1	Japonica	NA		Os10g0430800		
maker-10-augustus-gene-105.27-mRNA-1	Japonica	NA			OsR498G1018763200.01.T03	Cinnamyl alcohol dehydrogenase 7
maker-10-augustus-gene-105.30-mRNA-1	Japonica	NA	Kinase-TM	Os10g0430900	OsR498G1018764400.01.T03	Serine/threonine-protein kinase EDR1
maker-10-augustus-gene-105.4-mRNA-1	Japonica	NA		Os10g0430600	OsR498G1018763500.01.T01	
maker-10-augustus-gene-105.9-mRNA-1	Japonica	NA		Os10g0430700	OsR498G1018763700.01.T03	
maker-10-augustus-gene-106.0-mRNA-1	Japonica	Indica		Os10g0431000	OsR498G1018765300.01.T01	DWNN domain a CCHC-type zinc finger
maker-10-augustus-gene-106.13-mRNA-1	Japonica	NA	Kinase	Os10g0431900	OsR498G1018768400.01.T02	Probable serine/threonine-protein kinase PBL16
maker-10-augustus-gene-106.16-mRNA-1	Japonica	NA		Os10g0432300	OsR498G1018769200.01.T03	TATA-box-binding protein isoform A
maker-10-augustus-gene-106.7-mRNA-1	Japonica	Indica		Os03g0159600	OsR498G1018765500.01.T01	Late embryogenesis abundant
maker-10-augustus-gene-106.9-mRNA-1	Japonica	NA				RNase I inhibitor protein 2
maker-10-augustus-gene-108.44-mRNA-1	Japonica	NA		Os10g0437000	OsR498G1018782300.01.T01	Beta-glucuronosyltransferase GlcAT14A
maker-10-augustus-gene-108.48-mRNA-1	Japonica	NA		Os10g0437100	OsR498G1018782800.01.T02	Amino acid permease family protein, expressed
maker-10-augustus-gene-108.52-mRNA-1	Japonica	NA			OsR498G1018783200.01.T04	HRDC domain-containing protein
maker-10-augustus-gene-109.0-mRNA-1	Japonica	NA		Os10g0437500	OsR498G1018785700.01.T01	Usp domain-containing protein (Fragment)
maker-10-augustus-gene-109.16-mRNA-1	Japonica	NA		Os10g0438000	OsR498G1018787000.01.T01	FH protein interacting protein FIP2
maker-10-augustus-gene-109.19-mRNA-1	Japonica	Japonica		Os10g0438300	OsR498G1018787600.01.T01	
maker-10-augustus-gene-109.2-mRNA-1	Japonica	NA		Os10g0437600	OsR498G1018786300.01.T05	Starch synthase, chloroplastic/amyloplastic
maker-10-augustus-gene-109.8-mRNA-1	Japonica	NA		Os10g0438100	OsR498G1018787300.01.T01	Skp1 family, dimerization domain-containing protein (Fragment)
maker-10-augustus-gene-110.38-mRNA-1	Japonica	NA			OsR498G1018792300.01.T04	Splicing factor, CC1-like family protein, expressed
maker-10-augustus-gene-110.45-mRNA-1	Japonica	NA			OsR498G1018794500.01.T01	HMA domain-containing protein (Fragment)
maker-10-augustus-gene-111.36-mRNA-1	Japonica	NA		Os10g0441800	OsR498G1018797700.01.T01	Ras-related protein RABF1
maker-10-augustus-gene-113.39-mRNA-1	Japonica	NA			OsR498G1018810900.01.T01	WRC domain-containing protein
maker-10-augustus-gene-113.41-mRNA-1	Japonica	NA				Transmembrane protein like
maker-10-augustus-gene-113.43-mRNA-1	Japonica	NA				Transmembrane protein 8B
maker-10-augustus-gene-113.51-mRNA-1	Japonica	NA		Os10g0445400	OsR498G1018809400.01.T02	E3 ubiquitin-protein ligase AIRP2
maker-10-augustus-gene-113.55-mRNA-1	Japonica	Japonica		Os10g0446100	OsR498G1018811400.01.T01	WRC domain-containing protein
maker-10-augustus-gene-116.37-mRNA-1	Japonica	NA		Os04g0166400	OsR498G0407609800.01.T01	ELM2 domain-containing protein
maker-10-augustus-gene-116.39-mRNA-1	Japonica	NA		Os04g0165700	OsR498G0407604600.01.T01	Beta-cyanoalanine synthase
maker-10-augustus-gene-116.46-mRNA-1	Japonica	NA		Os04g0166900	OsR498G0407612300.01.T01	F-box domain-containing protein
maker-10-augustus-gene-116.54-mRNA-1	Japonica	NA		Os04g0165600	OsR498G0407604300.01.T04	Mitochondrial inner membrane protease subunit 2
maker-10-augustus-gene-117.46-mRNA-1	Japonica	NA		Os04g0165300	OsR498G0407603300.01.T02	ATG8-interacting protein 1
maker-10-augustus-gene-117.53-mRNA-1	Japonica	NA				
maker-10-augustus-gene-12.42-mRNA-1	Japonica	NA		Os10g0113100	OsR498G1018038500.01.T01	Non-functional NADPH-dependent codeinone reductase 2-like
maker-10-augustus-gene-123.31-mRNA-1	Japonica	NA		Os05g0499400	OsR498G0407563000.01.T01	Peroxidase
maker-10-augustus-gene-123.33-mRNA-1	Japonica	NA			OsR498G0407560200.01.T01	DUF4220 domain-containing protein (Fragment)
maker-10-augustus-gene-123.34-mRNA-1	Japonica	NA		Os04g0151900	OsR498G0407559800.01.T01	Cysteine dioxygenase
maker-10-augustus-gene-127.41-mRNA-1	Japonica	NA	Kinase-TM	Os04g0125700	OsR498G0407534800.01.T01	Non-specific serine/threonine protein kinase
maker-10-augustus-gene-127.44-mRNA-1	Japonica	NA		Os03g0114600	OsR498G0407534000.01.T01	Calcineurin-like phosphoesterase family protein, putative
maker-10-augustus-gene-127.50-mRNA-1	Japonica	NA			OsR498G0407531300.01.T01	DUF4220 domain-containing protein (Fragment)
maker-10-augustus-gene-128.26-mRNA-1	Japonica	NA		Os04g0137100	OsR498G0407528100.01.T01	Pectate lyase
maker-10-augustus-gene-129.0-mRNA-1	Japonica	NA		Os04g0476100	OsR498G0407524800.01.T01	Amine oxidase
maker-10-augustus-gene-13.28-mRNA-1	Japonica	NA		Os10g0113900	OsR498G1018041500.01.T01	Deoxymugineic acid synthase 1-D
maker-10-augustus-gene-13.31-mRNA-1	Japonica	NA		Os10g0114300	OsR498G1018042100.01.T03	Non-functional NADPH-dependent codeinone reductase 2
maker-10-augustus-gene-133.8-mRNA-1	Japonica	NA		Os04g0132300	OsR498G0407513700.01.T03	A1 cistron-splicing factor, AAR2
maker-10-augustus-gene-134.2-mRNA-1	Japonica	NA		Os04g0129900	OsR498G0407510000.01.T01	Dynamin-related protein 4C
maker-10-augustus-gene-134.4-mRNA-1	Japonica	NA		Os04g0129600	OsR498G0407508700.01.T01	Lipoyl synthase
maker-10-augustus-gene-134.6-mRNA-1	Japonica	NA		Os04g0129500	OsR498G0407508500.01.T02	Sec23/Sec24 protein transport family protein isoform 1
maker-10-augustus-gene-136.28-mRNA-1	Japonica	NA		Os04g0127200	OsR498G0407499700.01.T01	Subtilisin-like protease SBT3.3
maker-10-augustus-gene-136.29-mRNA-1	Japonica	NA		Os04g0127300	OsR498G0407499700.01.T01	Subtilisin-like protease SBT3.3
maker-10-augustus-gene-138.12-mRNA-1	Japonica	NA			OsR498G0407495100.01.T01	Jacalin-type lectin domain-containing protein (Fragment)
maker-10-augustus-gene-138.3-mRNA-1	Japonica	NA		Os04g0127200	OsR498G0407495300.01.T02	Subtilisin-like protease
maker-10-augustus-gene-138.4-mRNA-1	Japonica	NA				Subtilisin-like protein protease SBT3.3
maker-10-augustus-gene-139.0-mRNA-1	Japonica	NA		Os04g0119500	OsR498G0407488200.01.T01	START domain-containing protein
maker-10-augustus-gene-139.17-mRNA-1	Japonica	NA		Os04g0120100	OsR498G0407490700.01.T01	Subtilase family protein, expressed
maker-10-augustus-gene-139.19-mRNA-1	Japonica	NA		Os04g0120000	OsR498G0407490300.01.T02	Subtilisin-like protein protease SBT3.7
maker-10-augustus-gene-139.21-mRNA-1	Japonica	NA	LRR-TM		OsR498G0407494400.01.T01	Protein kinase domain-containing protein
maker-10-augustus-gene-139.24-mRNA-1	Japonica	NA		Os04g0119400	OsR498G0407487700.01.T01	Pyruvate dehydrogenase E1 component subunit alpha
maker-10-augustus-gene-139.26-mRNA-1	Japonica	NA		Os04g0119300	OsR498G0305093300.01.T01	DUF1990 domain-containing protein (Fragment)
maker-10-augustus-gene-139.28-mRNA-1	Japonica	NA		Os04g0119000		
maker-10-augustus-gene-139.30-mRNA-1	Japonica	NA	CC-NBS-TM	Os12g0246700	OsR498G0407486900.01.T01	NB-ARC domain containing protein, expressed
maker-10-augustus-gene-139.5-mRNA-1	Japonica	NA			OsR498G0306740100.01.T01	

maker-10-augustus-gene-14.0-mRNA-1	Japonica	NA		Os10g0115550	OsR498G1018044900.01.T01	Gibberellin-regulated protein 12
maker-10-augustus-gene-14.13-mRNA-1	Japonica	NA				
maker-10-augustus-gene-14.16-mRNA-1	Japonica	NA			OsR498G1018049000.01.T03	
maker-10-augustus-gene-14.3-mRNA-1	Japonica	NA			OsR498G1018048500.01.T01	Troponin T
maker-10-augustus-gene-14.7-mRNA-1	Japonica	NA		Os10g0115600	OsR498G1018045600.01.T03	U1 small nuclear ribonucleoprotein 70 kDa
maker-10-augustus-gene-140.45-mRNA-1	Japonica	NA		Os04g0117200	OsR498G0407483200.01.T03	MAR-binding filament-like protein 1-1
maker-10-augustus-gene-140.48-mRNA-1	Japonica	NA			OsR498G0407483000.01.T01	ATP synthase subunit e, mitochondrial
maker-10-augustus-gene-140.50-mRNA-1	Japonica	NA		Os04g0116900	OsR498G0407482000.01.T01	WEB family protein isoform A
maker-10-augustus-gene-140.52-mRNA-1	Japonica	NA		Os04g0116200	OsR498G0407478600.01.T01	
maker-10-augustus-gene-140.60-mRNA-1	Japonica	NA		Os04g0117800	OsR498G0407484500.01.T01	Amidase domain-containing protein (Fragment)
maker-10-augustus-gene-140.63-mRNA-1	Japonica	NA		Os04g0117600	OsR498G0407484100.01.T01	tRNA-dihydrouridine synthase
maker-10-augustus-gene-142.0-mRNA-1	Japonica	NA		Os08g0230450	OsR498G1221360100.01.T03	
maker-10-augustus-gene-142.3-mRNA-1	Japonica	NA	Kinase-TM	Os01g0136400	OsR498G0100125200.01.T04	Putative serine/threonine-protein kinase
maker-10-augustus-gene-143.0-mRNA-1	Japonica	NA		Os04g0112300	OsR498G0407453400.01.T02	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6
maker-10-augustus-gene-143.6-mRNA-1	Japonica	NA		Os04g0112200		E2F-DP transcription factor
maker-10-augustus-gene-145.0-mRNA-1	Japonica	NA			OsR498G0407447800.01.T03	
maker-10-augustus-gene-146.37-mRNA-1	Japonica	NA			OsR498G0407441900.01.T01	Alpha-humulene synthase
maker-10-augustus-gene-15.10-mRNA-1	Japonica	NA		Os10g0116900	OsR498G1018051200.01.T01	Hydroxyproline-rich glycoprotein family protein, putative, expressed
maker-10-augustus-gene-15.19-mRNA-1	Japonica	NA		Os10g0118200	OsR498G1018056400.01.T01	Acetylserotonin O-methyltransferase 2
maker-10-augustus-gene-15.5-mRNA-1	Japonica	NA		Os10g0117800	OsR498G1018054500.01.T02	G-protein alpha subunit, putative, expressed
maker-10-augustus-gene-156.4-mRNA-1	Japonica	NA				Myozenin 1
maker-10-augustus-gene-157.10-mRNA-1	Japonica	NA		Os10g0455800		
maker-10-augustus-gene-157.12-mRNA-1	Japonica	NA	LRR	Os10g0456200	OsR498G1018837200.01.T01	LRR repeat and ubiquitin-like domain-containing protein isoform X2
maker-10-augustus-gene-157.13-mRNA-1	Japonica	NA				LRR repeats and ubiquitin-like domain-containing protein
maker-10-augustus-gene-157.24-mRNA-1	Japonica	NA		Os10g0456600	OsR498G1018838600.01.T01	GTP-binding protein yptV3
maker-10-augustus-gene-157.4-mRNA-1	Japonica	NA				Glutamate ammonia ligase
maker-10-augustus-gene-158.24-mRNA-1	Japonica	Indica		Os10g0457000	OsR498G1018839900.01.T02	Splicing factor 3B subunit like
maker-10-augustus-gene-158.29-mRNA-1	Japonica	NA		Os10g0457400	OsR498G1018841300.01.T01	Shugoshin, C-terminal
maker-10-augustus-gene-158.46-mRNA-1	Japonica	NA		Os10g0456800	OsR498G1018839000.01.T03	RING finger and CHY zinc finger domain-containing protein 1
maker-10-augustus-gene-158.52-mRNA-1	Japonica	NA			OsR498G1018839200.01.T01	Midasin
maker-10-augustus-gene-158.55-mRNA-1	Japonica	NA			OsR498G1018839400.01.T05	Midasin
maker-10-augustus-gene-158.69-mRNA-1	Japonica	NA		Os10g0457500	OsR498G1018841600.01.T01	Inosine triphosphate pyrophosphatase
maker-10-augustus-gene-159.7-mRNA-1	Japonica	NA				ATP-dependent DNA helicase
maker-10-augustus-gene-16.34-mRNA-1	Japonica	NA			OsR498G1018061500.01.T02	Formin-like protein 14
maker-10-augustus-gene-16.43-mRNA-1	Japonica	NA		Os10g0118800		Cytochrome b reductase 1
maker-10-augustus-gene-16.45-mRNA-1	Japonica	NA			OsR498G1018057400.01.T08	p-loop containing nucleoside triphosphate hydrolases superfamily protein is
maker-10-augustus-gene-16.50-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os10g0119200	OsR498G1018061000.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-10-augustus-gene-160.6-mRNA-1	Japonica	Indica		Os10g0461100	OsR498G1018850800.01.T01	PsbP family protein, expressed
maker-10-augustus-gene-160.9-mRNA-1	Japonica	NA		Os10g0461100	OsR498G1018853400.01.T01	Photosystem II PsbP, oxygen evolving complex
maker-10-augustus-gene-162.53-mRNA-1	Japonica	Indica		Os10g0465900	OsR498G1018865700.01.T02	PfkB domain-containing protein
maker-10-augustus-gene-162.65-mRNA-1	Japonica	NA		Os10g0464100	OsR498G1018862000.01.T04	WD repeat-containing protein 70
maker-10-augustus-gene-162.69-mRNA-1	Japonica	NA		Os10g0464400	OsR498G1018862400.01.T05	Riboflavin kinase
maker-10-augustus-gene-162.86-mRNA-1	Japonica	Indica		Os10g0466000	OsR498G1018866000.01.T03	RPM1 interacting protein 13
maker-10-augustus-gene-163.24-mRNA-1	Japonica	NA		Os10g0466700	OsR498G1018867600.01.T01	Ribosomal protein L17
maker-10-augustus-gene-164.25-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os10g0468500	OsR498G1018872900.01.T01	MDIS1-interacting receptor like kinase 2
maker-10-augustus-gene-164.29-mRNA-1	Japonica	Japonica	LRR-TM	Os10g0469600	OsR498G1018872900.01.T01	MDIS1-interacting receptor like kinase 2
maker-10-augustus-gene-165.0-mRNA-1	Japonica	NA		Os10g0470700	OsR498G1018878300.01.T02	Putative proton-dependent oligopeptide or low-affinity nitrate transporter
maker-10-augustus-gene-165.3-mRNA-1	Japonica	NA			OsR498G1018878700.01.T04	
maker-10-augustus-gene-166.0-mRNA-1	Japonica	NA				Cyanate hydratase
maker-10-augustus-gene-166.15-mRNA-1	Japonica	NA		Os10g0471400	OsR498G1018883200.01.T03	No pollen germination related 2
maker-10-augustus-gene-166.17-mRNA-1	Japonica	NA		Os10g0471700	OsR498G1018884800.01.T01	Cyclin-dependent kinase inhibitor
maker-10-augustus-gene-166.4-mRNA-1	Japonica	NA		Os10g0471100	OsR498G1018881800.01.T01	Aldehyde oxygenase (deformylating)
maker-10-augustus-gene-166.9-mRNA-1	Japonica	NA			OsR498G1018883000.01.T02	RNA helicase
maker-10-augustus-gene-167.0-mRNA-1	Japonica	NA		Os10g0472400	OsR498G1018887500.01.T01	DUF862 domain-containing protein (Fragment)
maker-10-augustus-gene-167.13-mRNA-1	Japonica	NA		Os10g0473400	OsR498G1018890800.01.T03	Non-lysosomal glucosylceramidase
maker-10-augustus-gene-167.19-mRNA-1	Japonica	NA		Os10g0474800	OsR498G1018893600.01.T01	Long-chain-alcohol oxidase
maker-10-augustus-gene-167.20-mRNA-1	Japonica	Japonica		Os10g0474900	OsR498G1018893600.01.T01	Long-chain-alcohol oxidase
maker-10-augustus-gene-167.3-mRNA-1	Japonica	NA		Os10g0472900	OsR498G1018889900.01.T01	Very-long-chain 3-oxoacyl-CoA synthase
maker-10-augustus-gene-167.5-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os10g0474500	OsR498G1018892300.01.T01	Putative disease resistance protein RGA3
maker-10-augustus-gene-167.6-mRNA-1	Japonica	Japonica		Os10g0474600	OsR498G1018892700.01.T01	Putative disease resistance RPP13-like protein 1
maker-10-augustus-gene-168.34-mRNA-1	Japonica	NA				

maker-10-augustus-gene-168.35-mRNA-1	Japonica	Japonica		Os10g0474933	OsR498G1018894000.01.T01	Putative polyprotein from transposon TNT
maker-10-augustus-gene-168.44-mRNA-1	Japonica	NA	Kinase-TM	Os10g0476100	OsR498G1018898700.01.T01	serine/threonine-protein kinase tricornet isoform X1
maker-10-augustus-gene-168.50-mRNA-1	Japonica	NA		Os10g0474300	OsR498G1018894000.01.T01	Putative serine protease
maker-10-augustus-gene-168.53-mRNA-1	Japonica	NA		Os10g0474966	OsR498G1018896600.01.T01	Long-chain-alcohol oxidase
maker-10-augustus-gene-168.55-mRNA-1	Japonica	NA		Os10g0475000		Long-chain-alcohol oxidase
maker-10-augustus-gene-169.27-mRNA-1	Japonica	NA	Kinase	Os10g0476300	OsR498G1018899100.01.T01	Casein kinase I isoform epsilon
maker-10-augustus-gene-169.30-mRNA-1	Japonica	NA		Os10g0476600	OsR498G1018900500.01.T03	Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit alpha
maker-10-augustus-gene-169.35-mRNA-1	Japonica	NA		Os10g0477000	OsR498G1018901300.01.T01	Exportin-4
maker-10-augustus-gene-169.38-mRNA-1	Japonica	NA		Os10g0477100	OsR498G1018901500.01.T05	Putative methyltransferase PMT8
maker-10-augustus-gene-169.43-mRNA-1	Japonica	NA		Os10g0476400	OsR498G1018899600.01.T02	Vacuolar protein sorting-associated protein 2
maker-10-augustus-gene-169.48-mRNA-1	Japonica	NA		Os09g0348800	OsR498G1221562500.01.T02	Proline rich 12b
maker-10-augustus-gene-17.37-mRNA-1	Japonica	NA		Os10g0123200	OsR498G1018069300.01.T01	F-box domain containing protein, expressed
maker-10-augustus-gene-170.0-mRNA-1	Japonica	NA		Os10g0477600	OsR498G1018903500.01.T01	NAC transcription factor
maker-10-augustus-gene-170.10-mRNA-1	Japonica	NA		Os10g0478200	OsR498G1018906500.01.T01	Malate dehydrogenase
maker-10-augustus-gene-170.15-mRNA-1	Japonica	Indica		Os04g0630100	OsR498G1018904200.01.T01	Epimerase domain-containing protein (Fragment)
maker-10-augustus-gene-170.17-mRNA-1	Japonica	NA		Os10g0478000	OsR498G1018905000.01.T01	ALOG domain transcriptional regulator family protein 4-2B
maker-10-augustus-gene-170.18-mRNA-1	Japonica	NA		Os10g0478100	OsR498G1018906000.01.T05	Chloroplast J-like domain 1
maker-10-augustus-gene-170.2-mRNA-1	Japonica	NA				Nuclear transportin
maker-10-augustus-gene-170.24-mRNA-1	Japonica	NA		Os10g0478300	OsR498G1018907600.01.T01	Transcription factor MYB4
maker-10-augustus-gene-171.0-mRNA-1	Japonica	Indica		Os10g0478900	OsR498G1018910500.01.T01	
maker-10-augustus-gene-171.10-mRNA-1	Japonica	NA		Os10g0479700	OsR498G1018913100.01.T03	TPT domain-containing protein
maker-10-augustus-gene-171.12-mRNA-1	Japonica	NA			OsR498G1018914100.01.T03	START domain-containing protein
maker-10-augustus-gene-171.19-mRNA-1	Japonica	NA		Os10g0478500		MATH domain-containing protein (Fragment)
maker-10-augustus-gene-171.22-mRNA-1	Japonica	NA		Os10g0478600	OsR498G1018910000.01.T05	
maker-10-augustus-gene-171.3-mRNA-1	Japonica	Japonica		Os10g0479200	OsR498G1018911300.01.T01	Putative membrane-associated salt-inducible protein
maker-10-augustus-gene-171.7-mRNA-1	Japonica	NA		Os10g0479500	OsR498G1018912700.01.T01	Cytokinin riboside 5'-monophosphate phosphoribohydrolase
maker-10-augustus-gene-172.21-mRNA-1	Japonica	NA		Os10g0480200	OsR498G1018916700.01.T06	Rolled leaf 2
maker-10-augustus-gene-172.27-mRNA-1	Japonica	NA		Os10g0480500	OsR498G1018917600.01.T02	Double-stranded RNA-binding protein 6
maker-10-augustus-gene-173.42-mRNA-1	Japonica	NA		Os10g0481100	OsR498G1018923100.01.T01	Aquaporin PIP2-1
maker-10-augustus-gene-173.44-mRNA-1	Japonica	NA		Os10g0481500	OsR498G1018924900.01.T01	Flotillin-like protein 1
maker-10-augustus-gene-173.46-mRNA-1	Japonica	Indica		Os10g0481400	OsR498G1018923600.01.T02	Histone acetyltransferase
maker-10-augustus-gene-173.48-mRNA-1	Japonica	NA			OsR498G1018923800.01.T04	RING-CH-type domain-containing protein
maker-10-augustus-gene-173.52-mRNA-1	Japonica	NA				
maker-10-augustus-gene-173.54-mRNA-1	Japonica	Indica		Os10g0481500	OsR498G1018930000.01.T01	Flotillin-like protein 3
maker-10-augustus-gene-173.56-mRNA-1	Japonica	Indica		Os10g0481500	OsR498G1018931000.01.T01	Flotillin-like protein 3
maker-10-augustus-gene-173.58-mRNA-1	Japonica	NA		Os10g0482900	OsR498G1018931200.01.T01	Dishevelled
maker-10-augustus-gene-174.0-mRNA-1	Japonica	Indica	Kinase-TM	Os10g0483400	OsR498G1120115000.01.T01	Protein kinase domain containing protein, expressed
maker-10-augustus-gene-174.12-mRNA-1	Japonica	NA			OsR498G1018931800.01.T04	Nascent polypeptide-associated complex subunit beta
maker-10-augustus-gene-174.14-mRNA-1	Japonica	NA		Os10g0483100	OsR498G1018932000.01.T01	Nascent polypeptide-associated complex subunit beta
maker-10-augustus-gene-174.16-mRNA-1	Japonica	NA		Os10g0484400	OsR498G1018936400.01.T01	Ribosomal protein L18/L5
maker-10-augustus-gene-174.18-mRNA-1	Japonica	NA		Os10g0484700	OsR498G1018937800.01.T01	Kynurenine--oxoglutarate transaminase
maker-10-augustus-gene-174.23-mRNA-1	Japonica	NA		Os10g0485000	OsR498G1018938800.01.T03	Pre-mRNA-processing protein 40C
maker-10-augustus-gene-174.27-mRNA-1	Japonica	Indica		Os10g0485100	OsR498G1018939200.01.T03	Thioredoxin domain-containing protein
maker-10-augustus-gene-174.3-mRNA-1	Japonica	NA		Os10g0483500	OsR498G1018934100.01.T02	Cytokinin dehydrogenase
maker-10-augustus-gene-174.6-mRNA-1	Japonica	Indica		Os10g0484800	OsR498G1018938300.01.T01	Chalcone and stilbene synthases, N-terminal domain containing protein, exp
maker-10-augustus-gene-174.9-mRNA-1	Japonica	NA		Os10g0483000	OsR498G1018931800.01.T03	Nascent polypeptide-associated complex subunit beta
maker-10-augustus-gene-175.0-mRNA-1	Japonica	NA			OsR498G1018939300.01.T02	Protein EXECUTER 1 chloroplastic
maker-10-augustus-gene-175.14-mRNA-1	Japonica	NA		Os10g0486000	OsR498G1018941500.01.T02	HD domain containing protein, expressed
maker-10-augustus-gene-175.17-mRNA-1	Japonica	NA				Mitosis protein YLS8
maker-10-augustus-gene-175.19-mRNA-1	Japonica	NA	TPR1	Os10g0486900	OsR498G1018945500.01.T01	Tetratricopeptide repeat protein 1
maker-10-augustus-gene-175.22-mRNA-1	Japonica	Indica		Os10g0487200	OsR498G1018945900.01.T01	
maker-10-augustus-gene-175.24-mRNA-1	Japonica	NA		Os10g0487300	OsR498G1018946300.01.T01	nijmegen breakage syndrome 1 protein isoform X1
maker-10-augustus-gene-175.28-mRNA-1	Japonica	NA			OsR498G1018940800.01.T02	
maker-10-augustus-gene-175.30-mRNA-1	Japonica	NA		Os10g0485900	OsR498G1018941400.01.T01	
maker-10-augustus-gene-175.32-mRNA-1	Japonica	NA		Os10g0486100	OsR498G1018941800.01.T01	Cytochrome P450 family protein, expressed
maker-10-augustus-gene-175.34-mRNA-1	Japonica	Japonica		Os10g0486300	OsR498G1018943600.01.T02	C2H2-type domain-containing protein
maker-10-augustus-gene-175.6-mRNA-1	Japonica	NA		Os10g0485500	OsR498G1018940100.01.T01	LysM domain containing protein, expressed
maker-10-augustus-gene-175.8-mRNA-1	Japonica	NA				Endoribonuclease Dicer b
maker-10-augustus-gene-176.30-mRNA-1	Japonica	NA		Os10g0487500	OsR498G1018946700.01.T02	SMAP domain-containing protein
maker-10-augustus-gene-176.33-mRNA-1	Japonica	NA		Os10g0487600	OsR498G1018946900.01.T04	SMAP domain-containing protein
maker-10-augustus-gene-176.40-mRNA-1	Japonica	NA		Os10g0488100		Prefoldin alpha subunit

maker-10-augustus-gene-176.44-mRNA-1	Japonica	NA		Os10g0488300	OsR498G1018947300.01.T04	Vacuolar protein sorting-associated protein 52 A
maker-10-augustus-gene-176.47-mRNA-1	Japonica	NA				Myosin motor domain-containing protein
maker-10-augustus-gene-177.0-mRNA-1	Japonica	NA		Os10g0489100	OsR498G1018951100.01.T01	PrmA domain-containing protein
maker-10-augustus-gene-177.11-mRNA-1	Japonica	NA		Os10g0489200	OsR498G1018951400.01.T02	DNA ligase
maker-10-augustus-gene-177.18-mRNA-1	Japonica	NA		Os10g0489500	OsR498G1018952600.01.T01	Terpene synthase family, metal binding domain containing protein, expressed
maker-10-augustus-gene-177.6-mRNA-1	Japonica	NA			OsR498G1018955900.01.T01	CDT1 domain-containing protein (Fragment)
maker-10-augustus-gene-177.8-mRNA-1	Japonica	NA		Os10g0489000	OsR498G1018950800.01.T03	GRAM domain containing protein, expressed
maker-10-augustus-gene-178.40-mRNA-1	Japonica	NA		Os10g0491000	OsR498G1018957900.01.T01	Basic secretory protease
maker-10-augustus-gene-178.42-mRNA-1	Japonica	NA		Os10g0491900	OsR498G1018960700.01.T01	G patch domain and ankyrin repeat-containing protein 1
maker-10-augustus-gene-178.46-mRNA-1	Japonica	NA		Os10g0492600	OsR498G1018963100.01.T01	Aquaporin TIP
maker-10-augustus-gene-178.48-mRNA-1	Japonica	NA			OsR498G1018963700.01.T01	Alpha-galactosidase
maker-10-augustus-gene-178.58-mRNA-1	Japonica	NA			OsR498G1018961200.01.T01	Chloroplast inner envelope protein, putative, expressed
maker-10-augustus-gene-178.64-mRNA-1	Japonica	NA		Os10g0492200	OsR498G1018962000.01.T03	Glycosyltransferase, putative, expressed
maker-10-augustus-gene-178.66-mRNA-1	Japonica	NA		Os10g0492300	OsR498G1018962600.01.T01	Protein, chloroplastic
maker-10-augustus-gene-178.72-mRNA-1	Japonica	Indica		Os10g0492800	OsR498G1018963400.01.T02	Metallophos domain-containing protein (Fragment)
maker-10-augustus-gene-179.11-mRNA-1	Japonica	NA			OsR498G1018968700.01.T02	WAT1-related protein, chloroplastic isoform A
maker-10-augustus-gene-179.15-mRNA-1	Japonica	Japonica		Os10g0494200	OsR498G0306568200.01.T03	Probable N-acetyl-gamma-glutamyl-phosphate reductase, chloroplastic
maker-10-augustus-gene-179.18-mRNA-1	Japonica	NA		Os10g0494300	OsR498G1018972100.01.T02	ABC-2 type transporter family protein, expressed
maker-10-augustus-gene-179.21-mRNA-1	Japonica	NA		Os10g0494500	OsR498G1018972500.01.T01	RING-type E3 ubiquitin transferase
maker-10-augustus-gene-179.24-mRNA-1	Japonica	NA		Os10g0495000	OsR498G1018975500.01.T02	KH domain containing protein, expressed
maker-10-augustus-gene-179.27-mRNA-1	Japonica	NA		Os10g0494000	OsR498G1018969000.01.T01	(RS)-norocloaurine 6-O-methyltransferase-like isoform 1
maker-10-augustus-gene-179.33-mRNA-1	Japonica	NA		Os10g0494800	OsR498G1018972800.01.T04	Katanin p80 WD40 repeat-containing subunit B1 homolog
maker-10-augustus-gene-179.7-mRNA-1	Japonica	NA		Os10g0493800	OsR498G1018968500.01.T04	Small nuclear RNA activating complex (SNAPc), subunit SNAP
maker-10-augustus-gene-18.0-mRNA-1	Japonica	Japonica		Os10g0124000	OsR498G1018070300.01.T01	U4/U6 small nuclear ribonucleoprotein SNU13
maker-10-augustus-gene-18.3-mRNA-1	Japonica	Japonica		Os10g0124100	OsR498G1018070700.01.T01	
maker-10-augustus-gene-18.5-mRNA-1	Japonica	NA			OsR498G1018071200.01.T01	NB-ARC domain containing protein
maker-10-augustus-gene-18.8-mRNA-1	Japonica	NA		Os10g0124700	OsR498G1018071800.01.T01	F-box domain containing protein, expressed
maker-10-augustus-gene-180.43-mRNA-1	Japonica	NA		Os10g0494950	OsR498G1018972900.01.T01	Sox C-terminal domain-containing protein
maker-10-augustus-gene-180.46-mRNA-1	Japonica	NA		Os10g0495000	OsR498G1018975500.01.T01	Nucleic acid binding protein
maker-10-augustus-gene-180.51-mRNA-1	Japonica	Indica		Os04g0678200	OsR498G1018979500.01.T01	Fiber protein Fb34
maker-10-augustus-gene-180.53-mRNA-1	Japonica	Indica		Os10g0496900	OsR498G1018982300.01.T01	NADPH-protochlorophyllide oxidoreductase
maker-10-augustus-gene-180.57-mRNA-1	Japonica	NA		Os10g0495300	OsR498G1018978600.01.T01	ALG-2 interacting protein like
maker-10-augustus-gene-180.58-mRNA-1	Japonica	NA		Os10g0495400	OsR498G1018978800.01.T02	Rf1 protein, mitochondrial, putative, expressed
maker-10-augustus-gene-180.67-mRNA-1	Japonica	NA			OsR498G1018979200.01.T01	Nucleolar complex protein 2
maker-10-augustus-gene-180.74-mRNA-1	Japonica	NA			OsR498G1018979400.01.T01	DNA-directed RNA polymerase subunit beta
maker-10-augustus-gene-180.82-mRNA-1	Japonica	NA			OsR498G1018980800.01.T01	
maker-10-augustus-gene-180.84-mRNA-1	Japonica	Indica		Os10g0493600	OsR498G1018981000.01.T01	Glycosyl hydrolase, family 13, all-beta
maker-10-augustus-gene-181.0-mRNA-1	Japonica	NA		Os10g0497000	OsR498G1018982700.01.T05	WAPL (Wings apart-like protein regulation of heterochromatin) protein
maker-10-augustus-gene-181.1-mRNA-1	Japonica	NA		Os10g0497100	OsR498G1018982900.01.T01	1-acyl-sn-glycerol-3-phosphate acyltransferase
maker-10-augustus-gene-181.2-mRNA-1	Japonica	NA		Os10g0497300	OsR498G1018983100.01.T03	Rf1 protein, mitochondrial, putative, expressed
maker-10-augustus-gene-181.28-mRNA-1	Japonica	NA		Os10g0495000	OsR498G1018975500.01.T01	Nucleic acid binding protein
maker-10-augustus-gene-181.3-mRNA-1	Japonica	NA			OsR498G1018984100.01.T06	Rf1 protein, mitochondrial, putative, expressed
maker-10-augustus-gene-181.34-mRNA-1	Japonica	NA	Kinase-TM	Os10g0497600	OsR498G1018985300.01.T01	Putative serine/threonine-protein kinase
maker-10-augustus-gene-181.39-mRNA-1	Japonica	NA		Os10g0497700	OsR498G1018985500.01.T04	COBRA-like protein 3
maker-10-augustus-gene-181.43-mRNA-1	Japonica	NA		Os10g0497800	OsR498G1018985700.01.T02	Prolyl 4-hydroxylase alpha subunit
maker-10-augustus-gene-181.47-mRNA-1	Japonica	Japonica		Os10g0497900	OsR498G1018985900.01.T02	LanC-like protein 2
maker-10-augustus-gene-181.50-mRNA-1	Japonica	NA		Os10g0498200	OsR498G1018986700.01.T01	Hydrolase, alpha/beta fold family protein, expressed
maker-10-augustus-gene-181.53-mRNA-1	Japonica	NA		Os10g0498300	OsR498G1018986900.01.T01	AB hydrolase-1 domain-containing protein (Fragment)
maker-10-augustus-gene-181.56-mRNA-1	Japonica	NA		Os10g0498000	OsR498G1018986200.01.T01	Soluble epoxide hydrolase / lipid-phosphate phosphatase
maker-10-augustus-gene-182.10-mRNA-1	Japonica	NA			OsR498G1018988500.01.T05	Mediator of RNA polymerase II transcription subunit 16 isoform X2
maker-10-augustus-gene-182.16-mRNA-1	Japonica	Indica		Os10g0499400	OsR498G1018991100.01.T01	CBS domain-containing protein CBSX5
maker-10-augustus-gene-182.19-mRNA-1	Japonica	NA		Os10g0499600		Protein NEOXANTHIN-DEFICIENT 1
maker-10-augustus-gene-182.22-mRNA-1	Japonica	NA		Os10g0500000	OsR498G1018993300.01.T01	E3 ubiquitin-protein ligase SHPRH
maker-10-augustus-gene-182.27-mRNA-1	Japonica	NA		Os10g0500500	OsR498G1018993700.01.T01	Structural constituent of ribosome, putative
maker-10-augustus-gene-182.29-mRNA-1	Japonica	NA		Os10g0500600	OsR498G1018994500.01.T03	Monothiol glutaredoxin-S11
maker-10-augustus-gene-182.3-mRNA-1	Japonica	NA		Os10g0498700	OsR498G1018988100.01.T04	Mediator of RNA polymerase II transcription subunit
maker-10-augustus-gene-182.33-mRNA-1	Japonica	Indica		Os10g0500700	OsR498G1018994500.01.T06	Monothiol glutaredoxin
maker-10-augustus-gene-182.35-mRNA-1	Japonica	Japonica		Os10g0501000	OsR498G1018995300.01.T01	Pentatricopeptide, putative, expressed
maker-10-augustus-gene-182.37-mRNA-1	Japonica	NA		Os10g0498900	OsR498G1018988800.01.T01	Microtubule-associated protein RP/EB family member 3
maker-10-augustus-gene-182.39-mRNA-1	Japonica	NA				Transcription factor RAX3
maker-10-augustus-gene-182.41-mRNA-1	Japonica	Indica		Os08g0248700	OsR498G1018992400.01.T01	Transcription factor MYB36

maker-10-augustus-gene-182.43-mRNA-1	Japonica	NA		Os10g0500400	OsR498G1018993600.01.T01	Acyl-CoA N-acyltransferases (NAT) superfamily protein
maker-10-augustus-gene-183.40-mRNA-1	Japonica	Indica		Os10g0501300	OsR498G1018995300.01.T01	Pentatricopeptide, putative, expressed
maker-10-augustus-gene-183.42-mRNA-1	Japonica	NA		Os10g0501300	OsR498G1018995500.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-10-augustus-gene-183.44-mRNA-1	Japonica	NA		Os10g0501500	OsR498G1018997100.01.T01	Calcium uniporter protein (Fragment)
maker-10-augustus-gene-183.47-mRNA-1	Japonica	NA		Os10g0501900	OsR498G1018998500.01.T01	Tetratricopeptide repeat (TPR)-like superfamily protein
maker-10-augustus-gene-183.49-mRNA-1	Japonica	NA		Os10g0502000	OsR498G1018998800.01.T01	Thylakoid lumenal 17 protein, chloroplastic
maker-10-augustus-gene-183.51-mRNA-1	Japonica	NA		Os10g0502400	OsR498G1019000200.01.T01	Glutamyl-tRNA reductase
maker-10-augustus-gene-183.53-mRNA-1	Japonica	NA		Os10g0502500	OsR498G1019000800.01.T01	Cytochrome b5 heme-binding domain-containing protein (Fragment)
maker-10-augustus-gene-183.56-mRNA-1	Japonica	NA		Os10g0502600	OsR498G1019001200.01.T04	Membrane steroid-binding protein 1
maker-10-augustus-gene-183.58-mRNA-1	Japonica	NA		Os10g0502900	OsR498G1019001400.01.T02	F-box/LRR-repeat protein At3g48880
maker-10-augustus-gene-183.61-mRNA-1	Japonica	Japonica		Os10g0503100	OsR498G0204401000.01.T01	LIM domain-containing protein PLIM2b
maker-10-augustus-gene-184.0-mRNA-1	Japonica	NA		Os10g0503500	OsR498G1019003300.01.T01	Malic enzyme
maker-10-augustus-gene-184.15-mRNA-1	Japonica	NA		Os10g0503600	OsR498G1019004000.01.T01	Tetraspanin-10
maker-10-augustus-gene-184.19-mRNA-1	Japonica	NA		Os10g0503700	OsR498G1019004200.01.T01	DEAD-box ATP-dependent RNA helicase
maker-10-augustus-gene-184.23-mRNA-1	Japonica	Indica		Os02g0824500	OsR498G1019004800.01.T01	Remorin
maker-10-augustus-gene-184.25-mRNA-1	Japonica	NA		Os10g0504200	OsR498G1019005800.01.T01	Ascorbate-specific transmembrane electron transporter 2
maker-10-augustus-gene-184.7-mRNA-1	Japonica	NA		Os10g0504600	OsR498G1019006300.01.T01	C2 NT-type domain-containing protein (Fragment)
maker-10-augustus-gene-185.37-mRNA-1	Japonica	NA		Os10g0505900	OsR498G1019008300.01.T01	Low-temperature-induced 65 kDa protein
maker-10-augustus-gene-185.39-mRNA-1	Japonica	NA				Valyl-tRNA synthetase
maker-10-augustus-gene-185.42-mRNA-1	Japonica	NA				COP9 signalosome complex subunit 6
maker-10-augustus-gene-185.43-mRNA-1	Japonica	NA				COP9 signalosome complex subunit 6
maker-10-augustus-gene-185.50-mRNA-1	Japonica	NA			OsR498G1019011400.01.T01	
maker-10-augustus-gene-185.52-mRNA-1	Japonica	NA		Os10g0506100	OsR498G1019009000.01.T02	HMA domain-containing protein (Fragment)
maker-10-augustus-gene-185.54-mRNA-1	Japonica	NA		Os10g0506800	OsR498G1019010000.01.T02	SET and MYND domain-containing protein 4
maker-10-augustus-gene-186.25-mRNA-1	Japonica	Indica		Os01g0100400	OsR498G1019013500.01.T01	Monocopper oxidase-like protein SKU5
maker-10-augustus-gene-186.28-mRNA-1	Japonica	NA		Os10g0508400	OsR498G1019015500.01.T01	Methionine aminopeptidase
maker-10-augustus-gene-186.33-mRNA-1	Japonica	Indica		Os10g0507600	OsR498G1019011800.01.T01	MSP domain containing protein, expressed
maker-10-augustus-gene-186.37-mRNA-1	Japonica	NA		Os10g0507800	OsR498G1019013400.01.T01	Chaperone protein like
maker-10-augustus-gene-186.43-mRNA-1	Japonica	Japonica		Os10g0508300	OsR498G1019015000.01.T01	C2C2-YABBY-transcription factor 12
maker-10-augustus-gene-187.0-mRNA-1	Japonica	Japonica		Os10g0508600	OsR498G1019015900.01.T01	Protein jagunal like
maker-10-augustus-gene-187.10-mRNA-1	Japonica	NA			OsR498G1019018100.01.T01	Plastid-lipid-associated protein 10
maker-10-augustus-gene-187.14-mRNA-1	Japonica	NA		Os10g0510000	OsR498G1019021500.01.T02	Actin
maker-10-augustus-gene-187.16-mRNA-1	Japonica	Japonica		Os10g0508500	OsR498G1019015800.01.T02	Tubulin-specific chaperone D
maker-10-augustus-gene-187.22-mRNA-1	Japonica	NA		Os10g0509800		
maker-10-augustus-gene-187.3-mRNA-1	Japonica	Indica		Os10g0509000	OsR498G1019017300.01.T07	Endonuclease MutS2 isoform X1
maker-10-augustus-gene-187.9-mRNA-1	Japonica	NA		Os10g0509100	OsR498G1019017900.01.T05	Cyclic AMP-responsive element-binding 3
maker-10-augustus-gene-188.13-mRNA-1	Japonica	NA			OsR498G1019028300.01.T01	Zinc finger CCH domain-containing protein 44
maker-10-augustus-gene-188.19-mRNA-1	Japonica	Japonica		Os10g0510700	OsR498G1019025000.01.T01	Calcium protein (calmodulin-dependent protein kinase homolog CaM kinase
maker-10-augustus-gene-188.25-mRNA-1	Japonica	Japonica		Os10g0512100	OsR498G1019028800.01.T02	Putative DUF26 domain receptor-like protein kinase
maker-10-augustus-gene-188.8-mRNA-1	Japonica	Indica		Os10g0511400	OsR498G1019027700.01.T03	Prolyl carboxypeptidase like protein, putative, expressed
maker-10-augustus-gene-189.0-mRNA-1	Japonica	NA		Os10g0512400	OsR498G1019030000.01.T01	Ferulate 5-hydroxylase
maker-10-augustus-gene-189.12-mRNA-1	Japonica	NA			OsR498G1019031400.01.T01	Aquaporin NIP
maker-10-augustus-gene-189.2-mRNA-1	Japonica	NA		Os10g0512700	OsR498G1019030400.01.T01	SH3 domain-containing protein 2
maker-10-augustus-gene-189.7-mRNA-1	Japonica	NA			OsR498G1019030600.01.T03	Kinesin-like protein KIN-7D mitochondrial
maker-10-augustus-gene-19.32-mRNA-1	Japonica	NA			OsR498G1018073600.01.T01	F-box domain containing protein, expressed
maker-10-augustus-gene-19.34-mRNA-1	Japonica	NA			OsR498G1018073800.01.T01	F-box domain containing protein, expressed
maker-10-augustus-gene-19.36-mRNA-1	Japonica	Japonica		Os10g0126500	OsR498G1018080600.01.T01	F-box domain containing protein, expressed
maker-10-augustus-gene-19.38-mRNA-1	Japonica	NA		Os10g0126600	OsR498G1018081000.01.T01	F-box domain containing protein, expressed
maker-10-augustus-gene-19.40-mRNA-1	Japonica	NA		Os10g0126700	OsR498G1018081200.01.T01	F-box domain containing protein, expressed
maker-10-augustus-gene-190.57-mRNA-1	Japonica	NA		Os10g0516100	OsR498G1019036300.01.T01	Glycine cleavage system H protein, mitochondrial
maker-10-augustus-gene-190.59-mRNA-1	Japonica	Indica		Os10g0516300	OsR498G1019038500.01.T07	Electron transfer flavoprotein-ubiquinone oxidoreductase
maker-10-augustus-gene-190.66-mRNA-1	Japonica	Indica	Kinase	Os03g0113000	OsR498G1019036800.01.T01	Putative receptor protein kinase
maker-10-augustus-gene-191.0-mRNA-1	Japonica	NA		Os10g0516800	OsR498G1019043100.01.T01	Sphingoid long-chain bases kinase 1
maker-10-augustus-gene-191.13-mRNA-1	Japonica	NA		Os10g0516600	OsR498G1019042200.01.T01	Beta-1,3-N-acetylglucosaminyltransferase lunatic fringe
maker-10-augustus-gene-191.16-mRNA-1	Japonica	NA		Os10g0516900	OsR498G1019043400.01.T01	
maker-10-augustus-gene-191.18-mRNA-1	Japonica	NA				
maker-10-augustus-gene-191.20-mRNA-1	Japonica	NA		Os10g0517500	OsR498G1019047400.01.T01	Cys/Met metabolism PLP-dependent enzyme family protein, expressed
maker-10-augustus-gene-191.6-mRNA-1	Japonica	NA		Os10g0517400	OsR498G1019046900.01.T05	Pyridoxal reductase, chloroplastic
maker-10-augustus-gene-191.9-mRNA-1	Japonica	NA			OsR498G1019040200.01.T03	GAMYB transcription factor
maker-10-augustus-gene-192.39-mRNA-1	Japonica	NA		Os10g0518100	OsR498G1019048900.01.T02	Rab-GAP TBC domain-containing protein (Fragment)
maker-10-augustus-gene-192.42-mRNA-1	Japonica	NA		Os10g0518300	OsR498G1019049300.01.T03	Hop-interacting protein THI002

maker-10-augustus-gene-192.47-mRNA-1	Japonica	NA	Kinase-TM	Os10g0518800	OsR498G1019051100.01.T01	Protein kinase domain containing protein, expressed
maker-10-augustus-gene-192.53-mRNA-1	Japonica	NA		Os10g0519600	OsR498G1019053100.01.T01	Major facilitator superfamily domain-containing protein 5
maker-10-augustus-gene-192.59-mRNA-1	Japonica	NA				Cytochrome b5 heme-binding domain-containing protein (Fragment)
maker-10-augustus-gene-192.62-mRNA-1	Japonica	NA		Os10g0518900	OsR498G1019051400.01.T01	DNA excision repair protein like
maker-10-augustus-gene-193.0-mRNA-1	Japonica	NA			OsR498G1019056900.01.T01	Impaired sucrose induction protein, putative
maker-10-augustus-gene-193.11-mRNA-1	Japonica	NA				Alpha, alpha-trehalase
maker-10-augustus-gene-193.16-mRNA-1	Japonica	NA		Os10g0521100	OsR498G1019058200.01.T01	Actin-depolymerizing factor
maker-10-augustus-gene-193.19-mRNA-1	Japonica	NA				E3 ubiquitin-protein ligase XBAT33
maker-10-augustus-gene-193.2-mRNA-1	Japonica	NA			OsR498G1019058300.01.T02	Inner membrane protein translocase involved in respiratory chain assembly
maker-10-augustus-gene-193.26-mRNA-1	Japonica	NA	Kinase-TM	Os10g0521700	OsR498G1019060000.01.T01	Non-specific serine/threonine protein kinase
maker-10-augustus-gene-193.5-mRNA-1	Japonica	NA		Os10g0521500	OsR498G1019058900.01.T01	AB hydrolase-1 domain-containing protein
maker-10-augustus-gene-193.7-mRNA-1	Japonica	Indica		Os10g0520600	OsR498G1019056600.01.T01	Plant UBX domain-containing protein 10
maker-10-augustus-gene-193.9-mRNA-1	Japonica	NA		Os10g0520700	OsR498G1019056800.01.T01	Zinc finger HIT domain-containing protein 2
maker-10-augustus-gene-194.0-mRNA-1	Japonica	NA		Os10g0521900	OsR498G1019060300.01.T01	RHOMBOID-like protein (Fragment)
maker-10-augustus-gene-194.20-mRNA-1	Japonica	NA				2-oxoglutarate-Fe(II) type oxidoreductase hxnY isoform B
maker-10-augustus-gene-194.34-mRNA-1	Japonica	NA		Os10g0523100	OsR498G1019066700.01.T02	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-10-augustus-gene-194.38-mRNA-1	Japonica	NA			OsR498G1019060800.01.T01	Methyltransferase
maker-10-augustus-gene-194.5-mRNA-1	Japonica	Indica		Os10g0522400	OsR498G1019063700.01.T01	F-box family protein, putative, expressed
maker-10-augustus-gene-194.8-mRNA-1	Japonica	NA			OsR498G1019064100.01.T01	Protein COFACTOR ASSEMBLY OF COMPLEX C SUBUNIT B like
maker-10-augustus-gene-195.0-mRNA-1	Japonica	NA		Os10g0524000	OsR498G1019068700.01.T01	
maker-10-augustus-gene-195.15-mRNA-1	Japonica	Indica		Os10g0525000	OsR498G1019071800.01.T01	Cytochrome P450 family 704 subfamily A polypeptide 2
maker-10-augustus-gene-195.18-mRNA-1	Japonica	Japonica		Os10g0525000	OsR498G1019073200.01.T01	Cytochrome P450 family 704 subfamily A polypeptide 2
maker-10-augustus-gene-195.2-mRNA-1	Japonica	NA		Os10g0524500	OsR498G1019070300.01.T01	Mandelonitrile lyase
maker-10-augustus-gene-195.21-mRNA-1	Japonica	NA		Os10g0525200	OsR498G1019073800.01.T01	Cytochrome P450 family 704 subfamily A polypeptide 2
maker-10-augustus-gene-195.23-mRNA-1	Japonica	NA		Os10g0525400	OsR498G1019074000.01.T01	Glutathione S-transferase U22
maker-10-augustus-gene-195.25-mRNA-1	Japonica	Indica		Os10g0525800	OsR498G1019074400.01.T01	Glutathione transferase31
maker-10-augustus-gene-195.27-mRNA-1	Japonica	NA		Os10g0525800	OsR498G1019075200.01.T01	Glutathione S-transferase, N-terminal domain containing protein, expressed
maker-10-augustus-gene-195.4-mRNA-1	Japonica	NA		Os10g0525600	OsR498G1019074700.01.T01	Glutathione S-transferase, N-terminal domain containing protein, expressed
maker-10-augustus-gene-195.6-mRNA-1	Japonica	NA		Os10g0524100	OsR498G1019069000.01.T01	Post-GPI attachment to proteins factor 3
maker-10-augustus-gene-195.9-mRNA-1	Japonica	NA		Os10g0524400	OsR498G1019070200.01.T02	Phospholipase D
maker-10-augustus-gene-20.0-mRNA-1	Japonica	Indica		Os10g0126600	OsR498G1018082400.01.T02	F-box domain containing protein, expressed
maker-10-augustus-gene-20.3-mRNA-1	Japonica	NA		Os10g0127700	OsR498G1018082800.01.T01	DUF639 domain-containing protein
maker-10-augustus-gene-21.0-mRNA-1	Japonica	Japonica		Os10g0130500	OsR498G1018089500.01.T01	
maker-10-augustus-gene-21.12-mRNA-1	Japonica	Indica	NBS-TM	Os10g0130600	OsR498G1018091000.01.T01	Disease resistance protein RGA4
maker-10-augustus-gene-21.3-mRNA-1	Japonica	NA		Os05g0269800		DDE Tnp4 domain-containing protein
maker-10-augustus-gene-22.26-mRNA-1	Japonica	Indica	NBS-TM PIK, PIKM	Os11g0689100	OsR498G1018095600.01.T01	Disease resistance protein PkIs-2
maker-10-augustus-gene-22.27-mRNA-1	Japonica	NA	CC-NBS-TM	Os10g0131901	OsR498G1018095600.01.T01	Disease resistance protein PkIm2-TS
maker-10-augustus-gene-23.27-mRNA-1	Japonica	NA	LRR-NBS-TM	Os10g0132500	OsR498G1018099300.01.T02	Putative retrotransposable elements TNP2
maker-10-augustus-gene-23.34-mRNA-1	Japonica	Indica	CC-NBS-TM	Os10g0131000	OsR498G1018101100.01.T01	Disease resistance protein RPM1
maker-10-augustus-gene-23.37-mRNA-1	Japonica	NA		Os10g0133500	OsR498G1018102900.01.T01	Acyl transferase 1
maker-10-augustus-gene-23.41-mRNA-1	Japonica	NA			OsR498G1018098600.01.T01	Beta-galactosidase
maker-10-augustus-gene-24.0-mRNA-1	Japonica	NA		Os10g0134500	OsR498G1018104900.01.T01	F-box domain-containing protein
maker-10-augustus-gene-24.2-mRNA-1	Japonica	NA		Os10g0135200	OsR498G1018106600.01.T02	Ras-related small GTP-binding family protein
maker-10-augustus-gene-25.33-mRNA-1	Japonica	Japonica	Kinase-TM	Os10g0136500	OsR498G1018109100.01.T04	Protein kinase domain containing protein, expressed
maker-10-augustus-gene-25.38-mRNA-1	Japonica	Japonica		Os10g0136200	OsR498G1018108800.01.T03	F-box domain containing protein, expressed
maker-10-augustus-gene-25.40-mRNA-1	Japonica	NA				F-box domain containing protein, expressed
maker-10-augustus-gene-26.0-mRNA-1	Japonica	NA		Os10g0138100	OsR498G1018112500.01.T01	Aldehyde oxidase1
maker-10-augustus-gene-26.6-mRNA-1	Japonica	NA		Os10g0138000		F-box domain containing protein
maker-10-augustus-gene-29.0-mRNA-1	Japonica	NA			OsR498G1018125700.01.T01	DUF4220 domain-containing protein (Fragment)
maker-10-augustus-gene-34.0-mRNA-1	Japonica	NA		Os10g0149900	OsR498G1018151500.01.T01	Proline-rich protein, putative, expressed
maker-10-augustus-gene-34.11-mRNA-1	Japonica	Japonica	Kinase-TM	Os10g0151100	OsR498G1018157400.01.T01	Wall-associated receptor kinase 2
maker-10-augustus-gene-34.14-mRNA-1	Japonica	NA		Os10g0150300	OsR498G1018152000.01.T01	Proline-rich protein (Fragment)
maker-10-augustus-gene-34.16-mRNA-1	Japonica	Japonica		Os10g0150400	OsR498G1018152200.01.T01	Proline-rich protein (Fragment)
maker-10-augustus-gene-34.5-mRNA-1	Japonica	Japonica		Os10g0150600	OsR498G1018152300.01.T01	Proline-rich protein 4
maker-10-augustus-gene-34.7-mRNA-1	Japonica	NA		Os10g0150700	OsR498G1018152700.01.T01	Proline-rich protein 4
maker-10-augustus-gene-34.9-mRNA-1	Japonica	Japonica		Os10g0150800	OsR498G1018152900.01.T01	Proline-rich protein 4
maker-10-augustus-gene-35.0-mRNA-1	Japonica	NA	Kinase-TM			Wall-associated receptor kinase 4
maker-10-augustus-gene-37.30-mRNA-1	Japonica	NA			OsR498G1018165700.01.T03	Nuclear pore complex protein Nup188a
maker-10-augustus-gene-37.35-mRNA-1	Japonica	NA			OsR498G1018166100.01.T01	Nucleoporin NUP188
maker-10-augustus-gene-39.27-mRNA-1	Japonica	NA			OsR498G1018182100.01.T01	TF-B3 domain-containing protein
maker-10-augustus-gene-43.34-mRNA-1	Japonica	NA				Amino-acid permease BAT1

maker-10-augustus-gene-43.37-mRNA-1	Japonica	NA			OsR498G1018204200.01.T02	NPH3 domain-containing protein
maker-10-augustus-gene-43.39-mRNA-1	Japonica	Indica	Kinase-TM	Os10g0174800	OsR498G1018204400.01.T01	Wall associated kinase
maker-10-augustus-gene-43.42-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1018205800.01.T01	Wall associated kinase
maker-10-augustus-gene-44.23-mRNA-1	Japonica	Indica		Os01g0946300	OsR498G1018221300.01.T01	Lecithin-cholesterol acyltransferase-like 1
maker-10-augustus-gene-45.0-mRNA-1	Japonica	NA		Os10g0158400	OsR498G1018222500.01.T01	Putative chalcone synthase
maker-10-augustus-gene-45.2-mRNA-1	Japonica	Indica		Os10g0158400	OsR498G1018222000.01.T01	Putative chalcone synthase
maker-10-augustus-gene-45.4-mRNA-1	Japonica	NA				Autophagy-related protein 9
maker-10-augustus-gene-45.6-mRNA-1	Japonica	NA			OsR498G1018226400.01.T01	
maker-10-augustus-gene-46.31-mRNA-1	Japonica	NA		Os08g0459400	OsR498G0305568900.01.T01	DDE Tnp4 domain-containing protein
maker-10-augustus-gene-48.33-mRNA-1	Japonica	NA				
maker-10-augustus-gene-58.47-mRNA-1	Japonica	Japonica		Os10g0181200	OsR498G1018281600.01.T07	Pentatricopeptide repeat
maker-10-augustus-gene-59.35-mRNA-1	Japonica	NA		Os10g0183900	OsR498G1018292300.01.T01	rRNA adenine N(6)-methyltransferase
maker-10-augustus-gene-59.37-mRNA-1	Japonica	NA	NBS-TM	Os10g0183000	OsR498G1018288800.01.T04	NB-ARC domain containing protein, expressed
maker-10-augustus-gene-60.0-mRNA-1	Japonica	Indica		Os03g0251500	OsR498G1018295100.01.T01	V-type proton ATPase subunit a
maker-10-augustus-gene-62.0-mRNA-1	Japonica	NA				PAP-associated domain-containing protein
maker-10-augustus-gene-62.5-mRNA-1	Japonica	NA			OsR498G1018311100.01.T01	RAB6-interacting golgin
maker-10-augustus-gene-63.0-mRNA-1	Japonica	NA			OsR498G1018313100.01.T01	Oxidoreductase/ zinc ion binding protein
maker-10-augustus-gene-63.22-mRNA-1	Japonica	NA		Os10g0189100	OsR498G1018314600.01.T01	Phosphoglucosyltransferase (alpha-D-glucose-1,6-bisphosphate-dependent)
maker-10-augustus-gene-64.14-mRNA-1	Japonica	NA		Os08g0271600		
maker-10-augustus-gene-64.20-mRNA-1	Japonica	NA			OsR498G1018323800.01.T01	Putative proline-rich cell wall protein
maker-10-augustus-gene-64.3-mRNA-1	Japonica	NA			OsR498G1018322500.01.T06	Nitroreductase
maker-10-augustus-gene-64.6-mRNA-1	Japonica	Japonica		Os10g0190900	OsR498G0408361700.01.T01	Protein DETOXIFICATION
maker-10-augustus-gene-64.9-mRNA-1	Japonica	NA		Os10g0189600	OsR498G1018317800.01.T02	Long chain base biosynthesis protein 1
maker-10-augustus-gene-66.0-mRNA-1	Japonica	Japonica		Os10g0193100	OsR498G1018327500.01.T01	AAI domain-containing protein
maker-10-augustus-gene-66.2-mRNA-1	Japonica	NA		Os10g0193500	OsR498G1018329300.01.T01	AAI domain-containing protein
maker-10-augustus-gene-72.39-mRNA-1	Japonica	Indica		Os10g0196100	OsR498G1018339300.01.T01	Coumaroyl shikimate 3-hydroxylase 2
maker-10-augustus-gene-72.41-mRNA-1	Japonica	NA			OsR498G1018339700.01.T04	
maker-10-augustus-gene-73.33-mRNA-1	Japonica	NA		Os10g0198600	OsR498G1018343700.01.T03	IENR2 domain-containing protein (Fragment)
maker-10-augustus-gene-73.45-mRNA-1	Japonica	NA		Os10g0322250		HAT family dimerisation domain containing protein, expressed
maker-10-augustus-gene-73.49-mRNA-1	Japonica	NA		Os10g0198100	OsR498G1018341600.01.T01	
maker-10-augustus-gene-73.51-mRNA-1	Japonica	NA				Mevalonate kinase
maker-10-augustus-gene-74.0-mRNA-1	Japonica	NA				
maker-10-augustus-gene-74.5-mRNA-1	Japonica	Indica		Os10g0199500	OsR498G1018348300.01.T03	
maker-10-augustus-gene-75.0-mRNA-1	Japonica	NA	Kinase		OsR498G1018352600.01.T02	Putative receptor-like protein kinase
maker-10-augustus-gene-75.3-mRNA-1	Japonica	NA		Os03g0129000	OsR498G1018354600.01.T02	Phosphatidylinositol-glycan biosynthesis class F
maker-10-augustus-gene-77.25-mRNA-1	Japonica	Japonica		Os10g0202900	OsR498G1018362000.01.T01	
maker-10-augustus-gene-77.27-mRNA-1	Japonica	NA		Os10g0203000	OsR498G1018362600.01.T01	Calcium-binding endonuclease/exonuclease/phosphatase family
maker-10-augustus-gene-78.5-mRNA-1	Japonica	NA		Os10g0204100	OsR498G1018368400.01.T01	probable E3 ubiquitin-protein ligase LOG2
maker-10-augustus-gene-79.33-mRNA-1	Japonica	NA			OsR498G0100876000.01.T01	Transposon protein, putative, Mutator sub-class
maker-10-augustus-gene-84.0-mRNA-1	Japonica	NA		Os10g0209700	OsR498G1018391500.01.T01	Heavy metal-associated isoprenylated plant protein 8
maker-11-augustus-gene-0.17-mRNA-1	Japonica	Japonica		Os11g0116900	OsR498G1119325200.01.T01	WRKY DNA binding domain containing protein, expressed
maker-11-augustus-gene-1.39-mRNA-1	Japonica	NA		Os12g0117100	OsR498G1119329500.01.T03	Methylesterase 17
maker-11-augustus-gene-1.43-mRNA-1	Japonica	NA				Methylesterase 17
maker-11-augustus-gene-1.47-mRNA-1	Japonica	NA		Os11g0119100	OsR498G1119332100.01.T03	bifunctional epoxide hydrolase 2 isoform X1
maker-11-augustus-gene-1.51-mRNA-1	Japonica	Indica		Os12g0118900	OsR498G1119332500.01.T01	Secologanin synthase
maker-11-augustus-gene-1.55-mRNA-1	Japonica	NA		Os11g0117400	OsR498G1119327000.01.T01	WRKY DNA binding domain containing protein, expressed
maker-11-augustus-gene-1.57-mRNA-1	Japonica	NA		Os11g0117500	OsR498G1119327400.01.T01	WRKY transcription factor 64
maker-11-augustus-gene-1.60-mRNA-1	Japonica	NA		Os11g0117600	OsR498G1119327800.01.T01	WRKY DNA binding domain containing protein, expressed
maker-11-augustus-gene-1.62-mRNA-1	Japonica	NA		Os11g0117700	OsR498G1119328600.01.T01	
maker-11-augustus-gene-1.64-mRNA-1	Japonica	Indica		Os12g0117250	OsR498G1119330000.01.T01	Mannan endo-1,4-beta-mannosidase
maker-11-augustus-gene-1.67-mRNA-1	Japonica	NA		Os11g0118300	OsR498G1119330200.01.T02	Root phototropism protein 2
maker-11-augustus-gene-1.70-mRNA-1	Japonica	NA		Os12g0117600	OsR498G1119330600.01.T01	BTB/POZ domain-containing protein At3g08570
maker-11-augustus-gene-1.72-mRNA-1	Japonica	NA		Os12g0117800	OsR498G1119331000.01.T02	NAM-associated domain-containing protein
maker-11-augustus-gene-1.73-mRNA-1	Japonica	NA		Os11g0118800	OsR498G1119331600.01.T01	Mannan endo-1,4-beta-mannosidase
maker-11-augustus-gene-1.79-mRNA-1	Japonica	NA			OsR498G1120154400.01.T01	Endonuclease
maker-11-augustus-gene-10.0-mRNA-1	Japonica	NA		Os12g0518200	OsR498G1220892100.01.T01	
maker-11-augustus-gene-10.15-mRNA-1	Japonica	NA			OsR498G1119384700.01.T01	Transcription initiation factor IIE subunit alpha
maker-11-augustus-gene-10.18-mRNA-1	Japonica	NA			OsR498G1119384900.01.T03	Transcription initiation factor IIE subunit alpha
maker-11-augustus-gene-10.23-mRNA-1	Japonica	NA				Transporter, putative, expressed
maker-11-augustus-gene-10.3-mRNA-1	Japonica	NA		Os11g0136500	OsR498G1119382100.01.T03	ACPS domain-containing protein (Fragment)
maker-11-augustus-gene-10.40-mRNA-1	Japonica	NA		Os11g0136400	OsR498G1119382000.01.T03	MFS domain-containing protein (Fragment)

maker-11-augustus-gene-10.49-mRNA-1	Japonica	NA		Os11g0136701	OsR498G1119382600.01.T02	Guanine nucleotide-binding protein G(T) subunit alpha-3 like
maker-11-augustus-gene-10.53-mRNA-1	Japonica	NA		Os11g0136800	OsR498G1119382800.01.T02	Protein-tyrosine-phosphatase
maker-11-augustus-gene-10.58-mRNA-1	Japonica	NA		Os11g0137000	OsR498G1119383800.01.T01	Auxin efflux carrier component
maker-11-augustus-gene-10.6-mRNA-1	Japonica	NA	Kinase-TM	Os11g0136600	OsR498G1119382300.01.T01	Calcium-dependent protein kinase
maker-11-augustus-gene-10.60-mRNA-1	Japonica	NA		Os12g0133900	OsR498G1119384000.01.T01	U3 small nucleolar ribonucleoprotein protein MPP10
maker-11-augustus-gene-10.65-mRNA-1	Japonica	Indica		Os11g0137300	OsR498G1119384600.01.T01	Proteasome stabiliser ECM29
maker-11-augustus-gene-10.9-mRNA-1	Japonica	Indica		Os12g0134000	OsR498G1119384300.01.T04	Pyruvate carboxyltransferase domain-containing protein (Fragment)
maker-11-augustus-gene-101.37-mRNA-1	Japonica	NA		Os02g0530900	OsR498G0203991600.01.T01	
maker-11-augustus-gene-101.39-mRNA-1	Japonica	NA		Os11g0416900	OsR498G1119927600.01.T02	White-brown complex like protein 30
maker-11-augustus-gene-102.0-mRNA-1	Japonica	NA		Os11g0417400	OsR498G1119930100.01.T01	Pyruvate dehydrogenase phosphatase
maker-11-augustus-gene-105.33-mRNA-1	Japonica	NA		Os11g0421800	OsR498G1119966200.01.T01	
maker-11-augustus-gene-106.0-mRNA-1	Japonica	Indica		Os11g0423800	OsR498G1119975500.01.T07	Mitochondrial arginine transporter like
maker-11-augustus-gene-107.0-mRNA-1	Japonica	NA		Os11g0424400	OsR498G1119977800.01.T01	Myosin family protein, putative, expressed
maker-11-augustus-gene-108.35-mRNA-1	Japonica	Japonica		Os11g0425100	OsR498G1119982900.01.T01	Fruit bromelain
maker-11-augustus-gene-108.38-mRNA-1	Japonica	NA		Os11g0425300	OsR498G1119984600.01.T03	Protein PEP-RELATED DEVELOPMENT ARRESTED 1 homolog, chloroplastic
maker-11-augustus-gene-109.0-mRNA-1	Japonica	NA		Os11g0425800	OsR498G1119987500.01.T02	Ribosomal protein L13a
maker-11-augustus-gene-109.2-mRNA-1	Japonica	Indica		Os11g0426400	OsR498G1119990700.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-11-augustus-gene-11.49-mRNA-1	Japonica	NA		Os12g0136200	OsR498G1119392100.01.T01	Heterogeneous nuclear ribonucleoprotein Q
maker-11-augustus-gene-11.55-mRNA-1	Japonica	NA		Os12g0136900	OsR498G1119394100.01.T05	Calcium-transporting ATPase
maker-11-augustus-gene-11.61-mRNA-1	Japonica	NA				Phosphoglycerate mutase family protein, expressed
maker-11-augustus-gene-11.66-mRNA-1	Japonica	NA		Os11g0138600	OsR498G1119390600.01.T03	Phosphoglycerate mutase gpmB
maker-11-augustus-gene-11.71-mRNA-1	Japonica	NA		Os11g0139100	OsR498G1119391800.01.T01	KOW domain-containing protein
maker-11-augustus-gene-11.76-mRNA-1	Japonica	NA		Os11g0139850	OsR498G1119393400.01.T04	Gamma-glutamylcyclotransferase family protein (Fragment)
maker-11-augustus-gene-11.79-mRNA-1	Japonica	NA		Os11g0140100	OsR498G1119393800.01.T04	Mitochondrial acidic protein MAM33
maker-11-augustus-gene-110.0-mRNA-1	Japonica	NA		Os08g0230450		
maker-11-augustus-gene-111.32-mRNA-1	Japonica	NA		Os11g0428800	OsR498G1120003500.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-11-augustus-gene-111.33-mRNA-1	Japonica	Indica		Os08g0560300	OsR498G1120003100.01.T01	PLATZ transcription factor family protein
maker-11-augustus-gene-111.40-mRNA-1	Japonica	Indica		Os11g0429600	OsR498G1120007200.01.T01	Serine carboxypeptidase-like 19
maker-11-augustus-gene-111.43-mRNA-1	Japonica	NA		Os11g0430000	OsR498G1120008800.01.T02	Serine carboxypeptidase-like 19
maker-11-augustus-gene-112.25-mRNA-1	Japonica	NA		Os08g0230450		
maker-11-augustus-gene-112.27-mRNA-1	Japonica	Indica		Os11g0432900	OsR498G1120010000.01.T02	Serine carboxypeptidase-like 19
maker-11-augustus-gene-112.30-mRNA-1	Japonica	NA		Os11g0431400		Serine carboxypeptidase-like 11
maker-11-augustus-gene-112.31-mRNA-1	Japonica	NA			OsR498G1120010600.01.T04	Serine carboxypeptidase-like 19
maker-11-augustus-gene-113.3-mRNA-1	Japonica	NA		Os11g0432600	OsR498G1120015100.01.T01	Very-long-chain 3-oxoacyl-CoA reductase 1
maker-11-augustus-gene-113.5-mRNA-1	Japonica	Indica		Os11g0432900	OsR498G1120011800.01.T03	Serine carboxypeptidase-like 19
maker-11-augustus-gene-113.7-mRNA-1	Japonica	NA		Os11g0432800	OsR498G1120015800.01.T02	Protein RETICULATA, chloroplastic
maker-11-augustus-gene-113.8-mRNA-1	Japonica	NA				Serine carboxypeptidase-like 11
maker-11-augustus-gene-114.31-mRNA-1	Japonica	Indica		Os11g0433200	OsR498G1120016900.01.T02	Signal peptide peptidase family protein, expressed isoform 1
maker-11-augustus-gene-114.35-mRNA-1	Japonica	NA			OsR498G1120018300.01.T03	Protein transport protein SEC23
maker-11-augustus-gene-114.42-mRNA-1	Japonica	Indica		Os07g0546700	OsR498G1120018900.01.T01	60S ribosomal protein L38
maker-11-augustus-gene-114.46-mRNA-1	Japonica	NA		Os11g0434000	OsR498G1120019200.01.T01	Magnesium-dependent phosphatase 1
maker-11-augustus-gene-115.34-mRNA-1	Japonica	NA			OsR498G1120020200.01.T01	SWI/SNF complex subunit SWI3C-like
maker-11-augustus-gene-115.36-mRNA-1	Japonica	NA		Os11g0435500		Galactinol-sucrose galactosyltransferase
maker-11-augustus-gene-116.34-mRNA-1	Japonica	NA			OsR498G1120025500.01.T01	probable 2-oxoglutarate-dependent dioxygenase At3g111800
maker-11-augustus-gene-117.0-mRNA-1	Japonica	Indica		Os11g0438700	OsR498G1120043200.01.T01	Noroxomaritidine/norcrangosidine reductase
maker-11-augustus-gene-117.3-mRNA-1	Japonica	NA		Os11g0438700	OsR498G1120041800.01.T03	Tropinone reductase I
maker-11-augustus-gene-117.8-mRNA-1	Japonica	NA		Os11g0439100	OsR498G1120039600.01.T01	Tropinone reductase like
maker-11-augustus-gene-118.28-mRNA-1	Japonica	NA			OsR498G0100876000.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-11-augustus-gene-118.30-mRNA-1	Japonica	NA		Os11g0440200	OsR498G1120037500.01.T01	GDA1/CD39 family protein, expressed
maker-11-augustus-gene-118.36-mRNA-1	Japonica	NA		Os11g0440200	OsR498G1120037500.01.T01	GDA1/CD39 family protein, expressed
maker-11-augustus-gene-119.31-mRNA-1	Japonica	NA		Os11g0441500	OsR498G1120030500.01.T01	Glycosyltransferase
maker-11-augustus-gene-119.33-mRNA-1	Japonica	NA		Os04g0691000		F-box domain-containing protein
maker-11-augustus-gene-119.34-mRNA-1	Japonica	NA		Os11g0442650	OsR498G1120026900.01.T01	BHLH transcription factor
maker-11-augustus-gene-12.41-mRNA-1	Japonica	NA			OsR498G1119395500.01.T08	Kallikrein-2 like
maker-11-augustus-gene-12.50-mRNA-1	Japonica	NA		Os11g0140900	OsR498G1119395900.01.T01	
maker-11-augustus-gene-12.52-mRNA-1	Japonica	NA		Os12g0137500	OsR498G1220904300.01.T01	PP2A regulatory subunit like
maker-11-augustus-gene-12.61-mRNA-1	Japonica	NA		Os01g0861400	OsR498G0100480900.01.T01	Vacuolar-sorting receptor 1
maker-11-augustus-gene-12.63-mRNA-1	Japonica	NA		Os11g0141900	OsR498G1119400100.01.T02	BTB/POZ domain and ankyrin repeat-containing protein NH5.1
maker-11-augustus-gene-12.66-mRNA-1	Japonica	NA		Os11g0140600	OsR498G1119394800.01.T02	probable calcium-binding protein CML49
maker-11-augustus-gene-120.32-mRNA-1	Japonica	NA		Os11g0442900		
maker-11-augustus-gene-120.33-mRNA-1	Japonica	NA		Os11g0443700	OsR498G1120046000.01.T01	Tropinone reductase I

maker-11-augustus-gene-120.35-mRNA-1	Japonica	NA		Os11g0444000	OsR498G1120044700.01.T01	DIMBOA UDP-glucosyltransferase BX8
maker-11-augustus-gene-121.22-mRNA-1	Japonica	NA		Os11g0444700	OsR498G1120048900.01.T01	PB1 domain-containing protein (Fragment)
maker-11-augustus-gene-121.24-mRNA-1	Japonica	Indica		Os11g0444700	OsR498G1120049700.01.T01	PB1 domain-containing protein (Fragment)
maker-11-augustus-gene-121.26-mRNA-1	Japonica	Indica		Os11g0446000	OsR498G1120054300.01.T01	Serine/threonine-protein kinase WNK (With No Lysine)-related
maker-11-augustus-gene-123.36-mRNA-1	Japonica	NA				Short integuments 2 mitochondrial
maker-11-augustus-gene-123.43-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1120059900.01.T01	probable serine/threonine-protein kinase PBL28
maker-11-augustus-gene-123.45-mRNA-1	Japonica	NA		Os11g0448400	OsR498G1120060300.01.T02	RNA polymerase sigma factor
maker-11-augustus-gene-123.48-mRNA-1	Japonica	NA	Kinase-TM			Putative serine/threonine-protein kinase WNK9 (Fragment)
maker-11-augustus-gene-126.0-mRNA-1	Japonica	NA		Os11g0451700	OsR498G1120068200.01.T02	Dehydrin
maker-11-augustus-gene-127.29-mRNA-1	Japonica	NA				
maker-11-augustus-gene-127.31-mRNA-1	Japonica	NA		Os11g0453900	OsR498G1120073200.01.T01	Dehydrin family protein, expressed
maker-11-augustus-gene-127.33-mRNA-1	Japonica	NA		Os11g0454000	OsR498G1120074000.01.T01	Dehydrin
maker-11-augustus-gene-127.35-mRNA-1	Japonica	NA		Os11g0454200	OsR498G1120074800.01.T01	Dehydrin family protein, expressed
maker-11-augustus-gene-127.37-mRNA-1	Japonica	Japonica		Os11g0454300	OsR498G1120075200.01.T01	Deyhydrin 4
maker-11-augustus-gene-128.30-mRNA-1	Japonica	NA		Os11g0455800	OsR498G1120081300.01.T01	Serine hydroxymethyltransferase
maker-11-augustus-gene-128.33-mRNA-1	Japonica	NA		Os11g0456300	OsR498G1120082900.01.T01	
maker-11-augustus-gene-128.36-mRNA-1	Japonica	NA			OsR498G1120078800.01.T01	Protein MICRORCHIDIA 6
maker-11-augustus-gene-128.38-mRNA-1	Japonica	NA		Os11g0455500	OsR498G1120079200.01.T01	Adenosylhomocysteinase
maker-11-augustus-gene-128.40-mRNA-1	Japonica	NA		Os11g0456100	OsR498G1120082200.01.T01	UV-B-induced protein, chloroplastic-like protein
maker-11-augustus-gene-128.43-mRNA-1	Japonica	NA		Os11g0456200	OsR498G1120082600.01.T01	
maker-11-augustus-gene-128.45-mRNA-1	Japonica	Japonica		Os11g0457000	OsR498G1120085200.01.T01	Transposon protein, putative, Mariner sub-class, expressed
maker-11-augustus-gene-129.0-mRNA-1	Japonica	NA			OsR498G1120089900.01.T01	DUF629 domain-containing protein
maker-11-augustus-gene-13.0-mRNA-1	Japonica	NA			OsR498G1119401900.01.T02	Strictosidine synthase 3
maker-11-augustus-gene-13.13-mRNA-1	Japonica	NA		Os11g0143200	OsR498G1119403200.01.T02	CPD brassinosteroid C-23 hydroxylase
maker-11-augustus-gene-13.16-mRNA-1	Japonica	NA				RNA polymerase Rpb5, N-terminal domain containing protein, expressed
maker-11-augustus-gene-13.19-mRNA-1	Japonica	NA		Os11g0143500	OsR498G1119403800.01.T01	L-galactono-1,4-lactone dehydrogenase, mitochondrial
maker-11-augustus-gene-13.24-mRNA-1	Japonica	NA				FBD domain-containing protein (Fragment)
maker-11-augustus-gene-13.3-mRNA-1	Japonica	NA		Os12g0138900	OsR498G1220909100.01.T02	2-isopropylmalate synthase 1 chloroplastic
maker-11-augustus-gene-13.9-mRNA-1	Japonica	NA		Os11g0143300	OsR498G1220910900.01.T01	Two-component response regulator ORR10
maker-11-augustus-gene-130.29-mRNA-1	Japonica	NA		Os11g0461000		Serine carboxypeptidase-like
maker-11-augustus-gene-130.32-mRNA-1	Japonica	Indica		Os11g0460800	OsR498G1120091900.01.T04	Serine carboxypeptidase-like protein (Fragment)
maker-11-augustus-gene-131.2-mRNA-1	Japonica	NA		Os11g0461000		Serine carboxypeptidase-like 7
maker-11-augustus-gene-131.6-mRNA-1	Japonica	NA				Serine carboxypeptidase-like 6
maker-11-augustus-gene-131.7-mRNA-1	Japonica	Indica		Os11g0460800	OsR498G1120091900.01.T04	Serine carboxypeptidase 1
maker-11-augustus-gene-132.28-mRNA-1	Japonica	NA	NBS-TM			F-box protein FBX14
maker-11-augustus-gene-132.30-mRNA-1	Japonica	Indica		Os11g0463600	OsR498G1120101100.01.T02	FHA domain containing protein, expressed
maker-11-augustus-gene-132.33-mRNA-1	Japonica	NA			OsR498G1120099600.01.T01	
maker-11-augustus-gene-132.35-mRNA-1	Japonica	NA		Os11g0463700	OsR498G1120101600.01.T03	CRP7-Cysteine-rich family protein expressed
maker-11-augustus-gene-133.28-mRNA-1	Japonica	Indica		Os08g0381000	OsR498G1119949600.01.T01	Cell wall protein-like
maker-11-augustus-gene-134.3-mRNA-1	Japonica	NA			OsR498G1120106600.01.T03	Putative Pyridoxal phosphate (PLP)-dependent transferases superfamily pro
maker-11-augustus-gene-135.25-mRNA-1	Japonica	NA			OsR498G0100828800.01.T01	Hydroxyproline-rich glycoprotein-like
maker-11-augustus-gene-135.29-mRNA-1	Japonica	Indica		Os11g0469900	OsR498G1120113400.01.T01	Indole-2-monooxygenase
maker-11-augustus-gene-135.30-mRNA-1	Japonica	Indica		Os11g0465200	OsR498G1120113400.01.T01	Indole-2-monooxygenase
maker-11-augustus-gene-135.35-mRNA-1	Japonica	Indica	Kinase-TM	Os11g0470200	OsR498G1120115000.01.T01	Protein kinase domain containing protein, expressed
maker-11-augustus-gene-136.24-mRNA-1	Japonica	NA		Os11g0471200		
maker-11-augustus-gene-136.26-mRNA-1	Japonica	NA		Os11g0472000	OsR498G1120119800.01.T02	Zinc finger CCCH domain-containing protein 63
maker-11-augustus-gene-137.33-mRNA-1	Japonica	Indica		Os11g0472500	OsR498G1120121900.01.T06	Probable magnesium transporter
maker-11-augustus-gene-137.38-mRNA-1	Japonica	NA			OsR498G1120122500.01.T01	ROP-INTERACTIVE CRIB MOTIF-CONTAINING protein 2
maker-11-augustus-gene-137.43-mRNA-1	Japonica	NA			OsR498G1120126500.01.T01	Ubiquitinyl hydrolase 1
maker-11-augustus-gene-137.50-mRNA-1	Japonica	NA		Os11g0473100	OsR498G1120126200.01.T01	CDK-activating kinase assembly factor MAT1
maker-11-augustus-gene-138.2-mRNA-1	Japonica	Japonica		Os11g0474800	OsR498G0204151800.01.T05	Ent-isokaurene synthase
maker-11-augustus-gene-14.50-mRNA-1	Japonica	NA		Os11g0146500	OsR498G1119406700.01.T01	Set1/Ash2 histone methyltransferase complex subunit ASH2
maker-11-augustus-gene-14.60-mRNA-1	Japonica	NA				NAC domain-containing protein
maker-11-augustus-gene-14.62-mRNA-1	Japonica	NA		Os11g0147100	OsR498G1119408900.01.T01	R3H-associated N-terminal domain-containing protein
maker-11-augustus-gene-14.66-mRNA-1	Japonica	NA		Os11g0147500	OsR498G1119411100.01.T02	HMA domain-containing protein (Fragment)
maker-11-augustus-gene-14.68-mRNA-1	Japonica	NA		Os12g0141100	OsR498G1119406000.01.T01	Phosphatidylinositol 4-phosphate 5-kinase
maker-11-augustus-gene-14.74-mRNA-1	Japonica	NA		Os11g0146700	OsR498G1119407400.01.T02	Suppressor of mec-8 and unc-52 protein 2
maker-11-augustus-gene-14.81-mRNA-1	Japonica	Indica		Os11g0146800	OsR498G1119407800.01.T03	DNA meiotic recombinase 1
maker-11-augustus-gene-14.86-mRNA-1	Japonica	NA		Os11g0147000	OsR498G1119408600.01.T02	AMP-binding enzyme family protein, expressed
maker-11-augustus-gene-14.96-mRNA-1	Japonica	NA			OsR498G1119410000.01.T03	
maker-11-augustus-gene-142.31-mRNA-1	Japonica	NA				

maker-11-augustus-gene-142.34-mRNA-1	Japonica	NA		Os11g0479000	OsR498G1120142300.01.T01	Acetylglucosaminyltransferase family protein
maker-11-augustus-gene-142.36-mRNA-1	Japonica	Indica		Os11g0479232	OsR498G1120143900.01.T01	GPI transamidase component PIG-T
maker-11-augustus-gene-142.39-mRNA-1	Japonica	NA				Rab-GAP TBC domain-containing protein
maker-11-augustus-gene-142.46-mRNA-1	Japonica	NA	CC-NBS-TM	Os11g0479100	OsR498G1120143800.01.T02	NB-ARC domain, putative
maker-11-augustus-gene-144.30-mRNA-1	Japonica	NA		Os11g0482100	OsR498G1120147500.01.T01	Retrotransposon protein, putative, unclassified, expressed
maker-11-augustus-gene-144.36-mRNA-1	Japonica	NA		Os11g0482000	OsR498G1120146800.01.T01	40S ribosomal protein S5 isoform A
maker-11-augustus-gene-144.38-mRNA-1	Japonica	Indica		Os11g0482200	OsR498G1120147800.01.T01	AvrRpt-cleavage domain-containing protein
maker-11-augustus-gene-144.41-mRNA-1	Japonica	Indica		Os11g0482500	OsR498G1120148800.01.T01	PHD domain-containing protein
maker-11-augustus-gene-145.0-mRNA-1	Japonica	NA		Os11g0483600	OsR498G1120151100.01.T04	DET1- and DDB1-associated protein 1
maker-11-augustus-gene-145.11-mRNA-1	Japonica	NA		Os11g0484300	OsR498G1120152300.01.T01	DNA replication licensing factor MCM2
maker-11-augustus-gene-145.13-mRNA-1	Japonica	NA			OsR498G1120152500.01.T02	Bifunctional dihydrofolate reductase-thymidylate synthase
maker-11-augustus-gene-145.18-mRNA-1	Japonica	NA		Os11g0487600	OsR498G1120153700.01.T02	Cytochrome P450 family 78 subfamily A polypeptide 8
maker-11-augustus-gene-145.21-mRNA-1	Japonica	NA		Os11g0484000	OsR498G1120151800.01.T02	Probable bifunctional methylthioribulose-1-phosphate dehydratase/enolase
maker-11-augustus-gene-145.5-mRNA-1	Japonica	Japonica		Os11g0483900	OsR498G1120151500.01.T04	ELMO domain-containing protein A
maker-11-augustus-gene-145.9-mRNA-1	Japonica	NA				DNA replication licensing factor MCM2
maker-11-augustus-gene-146.0-mRNA-1	Japonica	NA		Os11g0488600	OsR498G1120154700.01.T02	ABC transporter domain-containing protein
maker-11-augustus-gene-146.10-mRNA-1	Japonica	NA		Os11g0488500	OsR498G1120155000.01.T01	Alkylated DNA repair protein alkB isogeny
maker-11-augustus-gene-148.29-mRNA-1	Japonica	NA		Os11g0490600	OsR498G1120166100.01.T01	
maker-11-augustus-gene-148.31-mRNA-1	Japonica	NA			OsR498G1120167100.01.T01	Non-intrinsic ABC protein 14
maker-11-augustus-gene-148.34-mRNA-1	Japonica	NA		Os11g0490900	OsR498G1120167900.01.T01	WRKY transcription factor
maker-11-augustus-gene-148.36-mRNA-1	Japonica	NA		Os11g0491400	OsR498G1120168100.01.T03	Lipase/lipoxygenase, putative isoform 3
maker-11-augustus-gene-149.35-mRNA-1	Japonica	Indica		Os11g0492700	OsR498G1120174100.01.T01	AB hydrolase-1 domain-containing protein (Fragment)
maker-11-augustus-gene-149.40-mRNA-1	Japonica	NA	CC-NBS-TM	Os11g0493700		NB-ARC domain containing protein, expressed
maker-11-augustus-gene-149.41-mRNA-1	Japonica	Indica		Os11g0492100	OsR498G1120172400.01.T01	NB-ARC domain containing protein, expressed
maker-11-augustus-gene-15.28-mRNA-1	Japonica	Indica		Os12g0145400	OsR498G1119414500.01.T01	Protein trichome birefringence-like 10
maker-11-augustus-gene-15.30-mRNA-1	Japonica	Indica		Os12g0145500	OsR498G1119414700.01.T01	Peptidylprolyl isomerase
maker-11-augustus-gene-15.35-mRNA-1	Japonica	NA		Os11g0148400	OsR498G1119414900.01.T02	Peptidylprolyl isomerase
maker-11-augustus-gene-15.41-mRNA-1	Japonica	NA		Os11g0147800	OsR498G1119413400.01.T03	Stem-specific protein TSJ1
maker-11-augustus-gene-15.47-mRNA-1	Japonica	NA		Os11g0148500	OsR498G1119415200.01.T01	Pyruvate kinase
maker-11-augustus-gene-15.56-mRNA-1	Japonica	NA		Os11g0148600	OsR498G1119415400.01.T01	
maker-11-augustus-gene-15.58-mRNA-1	Japonica	Indica		Os11g0148700	OsR498G1119415600.01.T01	DDT domain-containing protein PTM
maker-11-augustus-gene-15.62-mRNA-1	Japonica	Indica		Os11g0148800	OsR498G1119415800.01.T04	DDT domain-containing protein PTM
maker-11-augustus-gene-150.0-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G1120176700.01.T01	NBS-LRR type resistance protein (Fragment)
maker-11-augustus-gene-150.2-mRNA-1	Japonica	NA	CC-NBS-TM	Os11g0495032		NB-ARC domain containing protein, expressed
maker-11-augustus-gene-151.31-mRNA-1	Japonica	NA		Os11g0497000	OsR498G1120184700.01.T01	Ubiquitin-activating enzyme E
maker-11-augustus-gene-151.37-mRNA-1	Japonica	NA			OsR498G1120182000.01.T01	CBS-PB1 domain contining protein
maker-11-augustus-gene-151.40-mRNA-1	Japonica	NA			OsR498G1120183000.01.T03	Squamosa promoter-binding protein 15
maker-11-augustus-gene-152.33-mRNA-1	Japonica	NA		Os11g0498400	OsR498G1120186500.01.T01	Zinc finger protein 511
maker-11-augustus-gene-152.36-mRNA-1	Japonica	NA				
maker-11-augustus-gene-153.0-mRNA-1	Japonica	NA				
maker-11-augustus-gene-153.10-mRNA-1	Japonica	Indica		Os11g0499600	OsR498G1120188500.01.T01	Cis-2,3-dihydrobiphenyl-2,3-diol dehydrogenase
maker-11-augustus-gene-154.41-mRNA-1	Japonica	Indica		Os11g0501500	OsR498G1120193400.01.T01	
maker-11-augustus-gene-154.43-mRNA-1	Japonica	NA		Os11g0502700	OsR498G1120196500.01.T01	Acetylglucosaminyltransferase family protein
maker-11-augustus-gene-154.43-mRNA-1	Japonica	NA		Os11g0503400	OsR498G1120197300.01.T02	
maker-11-augustus-gene-154.45-mRNA-1	Japonica	NA		Os11g0503900	OsR498G1120197700.01.T01	Sulfotransferase
maker-11-augustus-gene-154.47-mRNA-1	Japonica	NA		Os11g0504000		Putative transposable element
maker-11-augustus-gene-155.2-mRNA-1	Japonica	NA			OsR498G1120204600.01.T01	
maker-11-augustus-gene-156.31-mRNA-1	Japonica	NA		Os11g0507200	OsR498G1120205300.01.T01	Omega-hydroxypalmitate O-feruloyl transferase
maker-11-augustus-gene-156.35-mRNA-1	Japonica	Japonica		Os11g0507400	OsR498G1120206200.01.T01	Rhamnogalacturonate lyase family protein
maker-11-augustus-gene-156.38-mRNA-1	Japonica	NA		Os11g0508600	OsR498G1120210200.01.T01	Bidirectional sugar transporter SWEET
maker-11-augustus-gene-158.0-mRNA-1	Japonica	NA		Os11g0512000	OsR498G1120212100.01.T01	NAC domain-containing protein 78
maker-11-augustus-gene-158.2-mRNA-1	Japonica	NA			OsR498G1120212300.01.T01	No apical meristem protein, expressed
maker-11-augustus-gene-158.6-mRNA-1	Japonica	NA			OsR498G1120213100.01.T01	NAC domain-containing protein
maker-11-augustus-gene-159.0-mRNA-1	Japonica	NA				
maker-11-augustus-gene-159.18-mRNA-1	Japonica	NA	LRR-TM	Os11g0514400	OsR498G1120215800.01.T01	Somatic embryogenesis receptor kinase 1
maker-11-augustus-gene-159.21-mRNA-1	Japonica	Indica	LRR-TM	Os11g0514500	OsR498G1120216000.01.T01	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1, putative, exp
maker-11-augustus-gene-159.26-mRNA-1	Japonica	Indica	LRR-TM	Os11g0514600	OsR498G1120216600.01.T01	Somatic embryogenesis receptor kinase 1
maker-11-augustus-gene-159.29-mRNA-1	Japonica	Japonica	LRR-TM	Os11g0514700	OsR498G1120218000.01.T01	Somatic embryogenesis receptor kinase 1
maker-11-augustus-gene-159.32-mRNA-1	Japonica	NA		Os11g0514800	OsR498G1120218600.01.T02	BRO1 domain-containing protein BROX
maker-11-augustus-gene-159.4-mRNA-1	Japonica	NA		Os11g0514000	OsR498G1120216800.01.T02	Putative histidine kinase-like ATPase domain-containing protein
maker-11-augustus-gene-16.0-mRNA-1	Japonica	NA		Os11g0149100	OsR498G1119416900.01.T01	AT-hook motif nuclear-localized protein (Fragment)
maker-11-augustus-gene-16.12-mRNA-1	Japonica	Indica		Os03g0793100	OsR498G1119421100.01.T02	Glycosyltransferases

maker-11-augustus-gene-16.16-mRNA-1	Japonica	Japonica	Kinase-TM	Os11g0150700	OsR498G1119421300.01.T01	Serine/threonine-protein kinase D6PKL2
maker-11-augustus-gene-16.18-mRNA-1	Japonica	NA		Os11g0150400	OsR498G1119420600.01.T01	Stress-response A/B barrel domain-containing protein (Fragment)
maker-11-augustus-gene-16.20-mRNA-1	Japonica	Indica		Os11g0150450	OsR498G1119420800.01.T02	RING-H2 finger protein ATL38
maker-11-augustus-gene-16.3-mRNA-1	Japonica	NA		Os11g0149400	OsR498G1119418100.01.T01	Phytosulfokine-alpha
maker-11-augustus-gene-16.6-mRNA-1	Japonica	NA		Os11g0150100	OsR498G1119419700.01.T04	probable 2-carboxy-D-arabinitol-1-phosphatase
maker-11-augustus-gene-16.9-mRNA-1	Japonica	NA		Os11g0150200	OsR498G1119420100.01.T04	
maker-11-augustus-gene-160.8-mRNA-1	Japonica	NA		Os11g0515500	OsR498G1120221400.01.T02	Auxin signaling F-box protein 2
maker-11-augustus-gene-163.3-mRNA-1	Japonica	Japonica		Os11g0520500	OsR498G1120235900.01.T02	Coiled-coil domain-containing protein SCD2
maker-11-augustus-gene-163.8-mRNA-1	Japonica	NA		Os11g0522900	OsR498G1120238700.01.T01	Carboxypeptidase
maker-11-augustus-gene-164.0-mRNA-1	Japonica	NA		Os11g0523110	OsR498G1120240900.01.T01	zerumbone synthase
maker-11-augustus-gene-164.2-mRNA-1	Japonica	NA			OsR498G1120242700.01.T01	
maker-11-augustus-gene-164.4-mRNA-1	Japonica	NA		Os11g0523700	OsR498G1120244700.01.T01	Inducer of CBF expression
maker-11-augustus-gene-164.6-mRNA-1	Japonica	Indica		Os03g0193700	OsR498G1120243200.01.T01	Geranylgeranyl transferase type-2 subunit beta
maker-11-augustus-gene-164.9-mRNA-1	Japonica	NA		Os11g0523800	OsR498G1120245800.01.T02	Auxin response factor
maker-11-augustus-gene-165.0-mRNA-1	Japonica	NA		Os11g0524300	OsR498G1120247700.01.T01	Chromophore lyase CRL chloroplastic
maker-11-augustus-gene-165.14-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G1120249800.01.T02	NBS-LRR-like resistance protein (Fragment)
maker-11-augustus-gene-165.6-mRNA-1	Japonica	NA		Os11g0525600	OsR498G1120252900.01.T01	Alpha-mannosidase
maker-11-augustus-gene-166.0-mRNA-1	Japonica	NA		Os11g0525700	OsR498G1120253100.01.T01	DCD domain-containing protein (Fragment)
maker-11-augustus-gene-166.11-mRNA-1	Japonica	NA		Os11g0525800	OsR498G1120253400.01.T01	N-acetyltransferase MAK3 isogeny
maker-11-augustus-gene-166.14-mRNA-1	Japonica	NA			OsR498G1120259000.01.T02	FBD domain-containing protein
maker-11-augustus-gene-166.4-mRNA-1	Japonica	Indica		Os11g0526200	OsR498G1120254900.01.T01	Cofactor assembly of complex C subunit B
maker-11-augustus-gene-166.9-mRNA-1	Japonica	Indica		Os07g0278866	OsR498G1120261100.01.T02	ATPase inhibitor
maker-11-augustus-gene-167.0-mRNA-1	Japonica	NA				No exine formation 1
maker-11-augustus-gene-167.13-mRNA-1	Japonica	NA		Os11g0528500	OsR498G1120263000.01.T01	Rubredoxin-like domain-containing protein (Fragment)
maker-11-augustus-gene-167.16-mRNA-1	Japonica	Indica		Os11g0528700	OsR498G1120263200.01.T01	Indole-3-acetic acid-amido synthetase
maker-11-augustus-gene-167.2-mRNA-1	Japonica	NA		Os11g0528300	OsR498G1120262500.01.T01	Succinate dehydrogenase assembly factor 2 mitochondrial
maker-11-augustus-gene-167.20-mRNA-1	Japonica	NA		Os11g0529500	OsR498G1120265600.01.T01	Bisdemethoxycurcumin synthase
maker-11-augustus-gene-167.22-mRNA-1	Japonica	Japonica		Os11g0529900	OsR498G1120266400.01.T01	Bisdemethoxycurcumin synthase
maker-11-augustus-gene-167.4-mRNA-1	Japonica	NA		Os12g0512200		Transposon protein, putative, Mariner sub-class
maker-11-augustus-gene-167.7-mRNA-1	Japonica	Japonica		Os11g0529800	OsR498G1120266100.01.T01	Bisdemethoxycurcumin synthase
maker-11-augustus-gene-167.9-mRNA-1	Japonica	NA		Os11g0528400	OsR498G1120262800.01.T02	Aminopeptidase
maker-11-augustus-gene-168.23-mRNA-1	Japonica	NA			OsR498G1018146800.01.T01	
maker-11-augustus-gene-168.27-mRNA-1	Japonica	NA		Os11g0531300	OsR498G1120272700.01.T01	CCHC-type domain-containing protein
maker-11-augustus-gene-168.29-mRNA-1	Japonica	NA		Os11g0531700	OsR498G1120274700.01.T02	Nudix hydrolase
maker-11-augustus-gene-168.32-mRNA-1	Japonica	NA		Os11g0530600	OsR498G1120269200.01.T01	Chalcone synthase
maker-11-augustus-gene-169.30-mRNA-1	Japonica	Japonica		Os11g0532600	OsR498G1120276200.01.T01	FBD domain-containing protein
maker-11-augustus-gene-169.35-mRNA-1	Japonica	NA			OsR498G1120277500.01.T03	
maker-11-augustus-gene-169.45-mRNA-1	Japonica	NA		Os11g0533100	OsR498G1120278000.01.T01	CarD-like transcriptional regulator family protein, expressed
maker-11-augustus-gene-169.54-mRNA-1	Japonica	NA		Os11g0533800	OsR498G1120279400.01.T07	FBD domain-containing protein
maker-11-augustus-gene-17.42-mRNA-1	Japonica	Indica		Os11g0151100	OsR498G1119422500.01.T01	Root cap periphery protein 2
maker-11-augustus-gene-17.45-mRNA-1	Japonica	Indica		Os11g0151800	OsR498G1119427900.01.T01	Purple acid phosphatase
maker-11-augustus-gene-17.48-mRNA-1	Japonica	NA			OsR498G1119428100.01.T01	
maker-11-augustus-gene-17.50-mRNA-1	Japonica	Indica		Os12g0149900	OsR498G1119421800.01.T01	IQ domain-containing protein IQM3
maker-11-augustus-gene-17.54-mRNA-1	Japonica	NA		Os11g0151500	OsR498G1119426800.01.T02	Hippocampus abundant transcript-like protein 1
maker-11-augustus-gene-17.60-mRNA-1	Japonica	NA		Os12g0256300	OsR498G1221220300.01.T01	MI domain-containing protein
maker-11-augustus-gene-17.65-mRNA-1	Japonica	Indica		Os11g0151700	OsR498G1119427200.01.T01	Purple acid phosphatase
maker-11-augustus-gene-17.67-mRNA-1	Japonica	NA		Os11g0152500	OsR498G1119431200.01.T01	Terminal flower 1
maker-11-augustus-gene-17.70-mRNA-1	Japonica	NA		Os11g0152700	OsR498G1119432000.01.T01	Transcription factor TGAL11
maker-11-augustus-gene-170.27-mRNA-1	Japonica	NA		Os11g0534300	OsR498G1120281000.01.T01	S-acyltransferase
maker-11-augustus-gene-171.0-mRNA-1	Japonica	NA			OsR498G1120287900.01.T01	SNARE associated Golgi protein family
maker-11-augustus-gene-171.12-mRNA-1	Japonica	NA		Os11g0536800	OsR498G1120287000.01.T02	Amidase domain-containing protein (Fragment)
maker-11-augustus-gene-171.2-mRNA-1	Japonica	NA		Os11g0120700	OsR498G1119336000.01.T01	
maker-11-augustus-gene-171.4-mRNA-1	Japonica	NA		Os11g0538900	OsR498G1120292700.01.T01	Citrate synthase
maker-11-augustus-gene-172.0-mRNA-1	Japonica	NA		Os11g0539200	OsR498G1120293500.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-11-augustus-gene-172.13-mRNA-1	Japonica	NA				Xaa-Pro aminopeptidase P
maker-11-augustus-gene-172.18-mRNA-1	Japonica	Indica		Os11g0540100	OsR498G1120296000.01.T02	Xaa-Pro aminopeptidase
maker-11-augustus-gene-172.2-mRNA-1	Japonica	Indica		Os11g0539700	OsR498G1120295700.01.T01	F-box domain containing protein, expressed
maker-11-augustus-gene-172.5-mRNA-1	Japonica	NA		Os11g0540600	OsR498G1120297100.01.T01	
maker-11-augustus-gene-172.7-mRNA-1	Japonica	Japonica		Os11g0539500	OsR498G1120294800.01.T01	5-pentadecatrienyl resorcinol O-methyltransferase
maker-11-augustus-gene-172.9-mRNA-1	Japonica	Indica		Os11g0539600	OsR498G1120295400.01.T01	F-box domain containing protein, expressed
maker-11-augustus-gene-173.44-mRNA-1	Japonica	NA		Os11g0540900		

maker-11-augustus-gene-173.46-mRNA-1	Japonica	NA			OsR498G1119817100.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-11-augustus-gene-173.49-mRNA-1	Japonica	Indica		Os11g0540900	OsR498G1120304700.01.T02	
maker-11-augustus-gene-173.50-mRNA-1	Japonica	Japonica		Os11g0541600	OsR498G1120304700.01.T01	
maker-11-augustus-gene-173.54-mRNA-1	Japonica	NA				
maker-11-augustus-gene-174.0-mRNA-1	Japonica	NA			OsR498G1120154400.01.T01	Endonuclease
maker-11-augustus-gene-174.3-mRNA-1	Japonica	Japonica		Os11g0543300	OsR498G1120311100.01.T01	
maker-11-augustus-gene-174.5-mRNA-1	Japonica	NA		Os11g0543500	OsR498G1120311400.01.T01	Heparan-alpha-glucosaminide N-acetyltransferase-like isoform X1
maker-11-augustus-gene-175.50-mRNA-1	Japonica	NA			OsR498G1120311600.01.T06	Xpo1 domain-containing protein (Fragment)
maker-11-augustus-gene-175.54-mRNA-1	Japonica	Japonica		Os11g0544100	OsR498G1120312000.01.T01	Protein AUXIN RESPONSE 4
maker-11-augustus-gene-175.56-mRNA-1	Japonica	NA		Os11g0544200	OsR498G1120312200.01.T02	Arginine/serine-rich coiled coil
maker-11-augustus-gene-175.61-mRNA-1	Japonica	NA				GDT1-like protein 2, chloroplastic
maker-11-augustus-gene-175.66-mRNA-1	Japonica	NA		Os11g0544800	OsR498G1120315000.01.T02	Glutamyl-tRNA(Gln) amidotransferase subunit B, chloroplastic/mitochondrial
maker-11-augustus-gene-175.71-mRNA-1	Japonica	Japonica		Os11g0545000	OsR498G1120315800.01.T02	NOP5NT domain-containing protein
maker-11-augustus-gene-176.0-mRNA-1	Japonica	NA				Ubiquitin carboxyl-terminal hydrolase family protein, expressed
maker-11-augustus-gene-176.11-mRNA-1	Japonica	NA		Os04g0101300	OsR498G0407412900.01.T05	MRG domain-containing protein
maker-11-augustus-gene-176.18-mRNA-1	Japonica	NA			OsR498G1120320600.01.T02	RZZ complex
maker-11-augustus-gene-176.2-mRNA-1	Japonica	NA		Os11g0546000	OsR498G1120321500.01.T01	68 kDa protein HP68
maker-11-augustus-gene-176.25-mRNA-1	Japonica	NA		Os11g0545800	OsR498G1120321000.01.T01	Ultraviolet-B receptor like
maker-11-augustus-gene-176.28-mRNA-1	Japonica	NA	NBS-TM		OsR498G1120322000.01.T02	Armado repeat-containing protein 7
maker-11-augustus-gene-176.32-mRNA-1	Japonica	NA		Os11g0546300	OsR498G1120322200.01.T03	Patatin
maker-11-augustus-gene-176.6-mRNA-1	Japonica	NA		Os11g0546100	OsR498G1120321700.01.T01	Transmembrane receptor, eukaryota
maker-11-augustus-gene-177.0-mRNA-1	Japonica	NA		Os11g0546900	OsR498G1120324100.01.T01	G-box binding factor
maker-11-augustus-gene-177.4-mRNA-1	Japonica	Indica		Os03g0708000	OsR498G1120323400.01.T01	Secretory phospholipase A2
maker-11-augustus-gene-178.0-mRNA-1	Japonica	NA		Os07g0514400		DUF629 domain-containing protein
maker-11-augustus-gene-178.24-mRNA-1	Japonica	NA			OsR498G1120327200.01.T01	Binding partner of ACD11 1
maker-11-augustus-gene-178.27-mRNA-1	Japonica	Japonica		Os11g0549615	OsR498G0305541500.01.T01	Purple acid phosphatase
maker-11-augustus-gene-178.29-mRNA-1	Japonica	NA		Os11g0549620	OsR498G1120328800.01.T01	Purple acid phosphatase
maker-11-augustus-gene-178.3-mRNA-1	Japonica	NA		Os11g0549610		DUF629 domain-containing protein
maker-11-augustus-gene-178.31-mRNA-1	Japonica	NA			OsR498G1120329400.01.T01	
maker-11-augustus-gene-178.9-mRNA-1	Japonica	NA			OsR498G1120330300.01.T02	ABC1 domain-containing protein (Fragment)
maker-11-augustus-gene-179.38-mRNA-1	Japonica	Indica		Os11g0549700	OsR498G1120331100.01.T01	S-acyltransferase
maker-11-augustus-gene-179.42-mRNA-1	Japonica	NA			OsR498G1120330600.01.T01	CDP-diacylglycerol synthase
maker-11-augustus-gene-179.50-mRNA-1	Japonica	NA			OsR498G1120330600.01.T01	CDP-diacylglycerol synthase
maker-11-augustus-gene-179.54-mRNA-1	Japonica	Indica		Os11g0549600	OsR498G1120331000.01.T01	Maf-like protein isoform B
maker-11-augustus-gene-18.0-mRNA-1	Japonica	NA		Os11g0153400	OsR498G1119433900.01.T02	Rho GTPase-activating protein gacA
maker-11-augustus-gene-18.15-mRNA-1	Japonica	NA		Os11g0153800	OsR498G1119435300.01.T01	40S ribosomal protein S25
maker-11-augustus-gene-18.16-mRNA-1	Japonica	NA				40S ribosomal protein S25
maker-11-augustus-gene-18.23-mRNA-1	Japonica	NA		Os11g0153900	OsR498G1119435900.01.T01	Ribonuclease
maker-11-augustus-gene-18.28-mRNA-1	Japonica	NA	NAC17	Os11g0154500	OsR498G1119437300.01.T01	NAC domain-containing protein 90
maker-11-augustus-gene-18.3-mRNA-1	Japonica	Indica		Os11g0153700	OsR498G1119434700.01.T02	SRP54 domain-containing protein (Fragment)
maker-11-augustus-gene-18.30-mRNA-1	Japonica	NA			OsR498G1119437500.01.T01	DNA-binding factor of bZIP class
maker-11-augustus-gene-18.34-mRNA-1	Japonica	Indica		Os12g0156400	OsR498G1119438100.01.T01	mRNA-decapping enzyme-like protein isoform X1
maker-11-augustus-gene-18.9-mRNA-1	Japonica	NA		Os11g0153700	OsR498G1119435100.01.T02	SRP54 domain-containing protein (Fragment)
maker-11-augustus-gene-180.11-mRNA-1	Japonica	Japonica		Os11g0550900	OsR498G1120334400.01.T01	
maker-11-augustus-gene-180.15-mRNA-1	Japonica	Indica		Os11g0551350	OsR498G1120335400.01.T03	
maker-11-augustus-gene-180.19-mRNA-1	Japonica	NA		Os11g0551800	OsR498G1120336600.01.T05	Yippee domain-containing protein
maker-11-augustus-gene-180.2-mRNA-1	Japonica	NA	CC-NBS-TM	Os11g0551700		Disease resistance protein RPM1
maker-11-augustus-gene-180.22-mRNA-1	Japonica	NA		Os11g0552000		probable aminotransferase TAT2
maker-11-augustus-gene-180.26-mRNA-1	Japonica	NA		Os11g0552100	OsR498G1120337800.01.T01	DUF724 domain-containing protein 2
maker-11-augustus-gene-180.4-mRNA-1	Japonica	NA		Os11g0551900	OsR498G1120336900.01.T01	Growth-regulating factor like
maker-11-augustus-gene-180.8-mRNA-1	Japonica	NA			OsR498G1120337900.01.T02	DUF724 domain-containing protein 2
maker-11-augustus-gene-181.30-mRNA-1	Japonica	NA	CC-NBS-TM			Rust resistance protein RP1-D homolog
maker-11-augustus-gene-181.32-mRNA-1	Japonica	Indica		Os11g0552600	OsR498G1120340200.01.T01	Kinesin-like protein KIN-7L
maker-11-augustus-gene-182.0-mRNA-1	Japonica	NA		Os11g0557000	OsR498G1120348100.01.T01	Phytosulfokine-alpha
maker-11-augustus-gene-182.14-mRNA-1	Japonica	NA			OsR498G1120351700.01.T01	rRNA N-glycosidase
maker-11-augustus-gene-182.18-mRNA-1	Japonica	NA		Os12g0512200		Transposon protein, putative, Mariner sub-class
maker-11-augustus-gene-182.2-mRNA-1	Japonica	NA		Os11g0557700	OsR498G1120349100.01.T01	S-adenosylmethionine-dependent methyltransferase/ catalytic
maker-11-augustus-gene-182.21-mRNA-1	Japonica	NA		Os11g0558200	OsR498G1120350400.01.T01	Transcription factor MYB3
maker-11-augustus-gene-182.24-mRNA-1	Japonica	NA			OsR498G1120357900.01.T01	
maker-11-augustus-gene-182.6-mRNA-1	Japonica	NA		Os11g0557900	OsR498G1120349900.01.T01	Actin-related protein 2/3 complex subunit 5
maker-11-augustus-gene-183.28-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os11g0559200	OsR498G1120353500.01.T01	Receptor kinase, putative, expressed

maker-11-augustus-gene-184.0-mRNA-1	Japonica	NA	LRR-TM			
maker-11-augustus-gene-184.2-mRNA-1	Japonica	NA				Terpene cyclase/mutase family member
maker-11-augustus-gene-185.0-mRNA-1	Japonica	NA	Kinase-TM	Os11g0565300	OsR498G1120370600.01.T01	Wall-associated receptor kinase 2
maker-11-augustus-gene-185.3-mRNA-1	Japonica	NA			OsR498G1120370800.01.T02	E3 ubiquitin-protein like
maker-11-augustus-gene-186.38-mRNA-1	Japonica	Japonica		Os11g0566800	OsR498G1120376700.01.T01	Chalcone and stilbene synthases, N-terminal domain containing protein, exp
maker-11-augustus-gene-187.0-mRNA-1	Japonica	NA		Os11g0568600	OsR498G1120379700.01.T04	THUMP domain-containing protein 1
maker-11-augustus-gene-187.12-mRNA-1	Japonica	Japonica	Kinase	Os11g0568800	OsR498G1120381200.01.T01	Protein kinase domain-containing protein
maker-11-augustus-gene-187.15-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os11g0569300	OsR498G1120383600.01.T02	Leucin-rich receptor-like kinase
maker-11-augustus-gene-187.20-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os11g0569500	OsR498G1120381200.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-11-augustus-gene-187.5-mRNA-1	Japonica	NA		Os11g0568700	OsR498G1120380300.01.T05	Formin-E like
maker-11-augustus-gene-187.9-mRNA-1	Japonica	NA		Os11g0568300	OsR498G1120379000.01.T01	Cell division cycle-associated protein 7
maker-11-augustus-gene-188.40-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os11g0569600	OsR498G1120386200.01.T01	Receptor kinase-like protein (Fragment)
maker-11-augustus-gene-188.45-mRNA-1	Japonica	NA		Os11g0570400	OsR498G1120387200.01.T01	
maker-11-augustus-gene-189.4-mRNA-1	Japonica	NA	NBS-TM	Os11g0572100	OsR498G1120391500.01.T01	Replication factor C subunit 1
maker-11-augustus-gene-19.0-mRNA-1	Japonica	NA		Os11g0155500	OsR498G1119440500.01.T01	Cationic amino acid transporter
maker-11-augustus-gene-19.11-mRNA-1	Japonica	NA		Os11g0156000	OsR498G1119443000.01.T01	TF-B3 domain-containing protein (Fragment)
maker-11-augustus-gene-19.14-mRNA-1	Japonica	NA		Os11g0156200	OsR498G1119443600.01.T01	Prolylcarboxypeptidase
maker-11-augustus-gene-19.3-mRNA-1	Japonica	NA			OsR498G1119440800.01.T01	Multidrug resistance-associated protein3
maker-11-augustus-gene-190.0-mRNA-1	Japonica	NA		Os11g0572400	OsR498G1120393700.01.T01	Sialyltransferase-like protein 1
maker-11-augustus-gene-190.12-mRNA-1	Japonica	NA				Zinc knuckle (CCHC-type) family protein
maker-11-augustus-gene-190.15-mRNA-1	Japonica	NA			OsR498G1120393600.01.T01	NB-ARC domain-containing protein
maker-11-augustus-gene-190.17-mRNA-1	Japonica	NA			OsR498G1120394000.01.T01	E3 ubiquitin-protein ligase RHF2A
maker-11-augustus-gene-190.22-mRNA-1	Japonica	NA		Os11g0572800	OsR498G1120394400.01.T01	Bifunctional arginine demethylase andlysyl-hydroxylase JMJD6
maker-11-augustus-gene-190.24-mRNA-1	Japonica	NA			OsR498G1120395000.01.T01	GATA transcription factor
maker-11-augustus-gene-190.26-mRNA-1	Japonica	NA			OsR498G1120395200.01.T01	Ubiquitinyl hydrolase 1
maker-11-augustus-gene-190.5-mRNA-1	Japonica	Indica		Os11g0572700	OsR498G1120394100.01.T01	Prolycopene isomerase, chloroplastic
maker-11-augustus-gene-191.35-mRNA-1	Japonica	NA				J domain-containing protein (Fragment)
maker-11-augustus-gene-191.36-mRNA-1	Japonica	Indica		Os11g0574200	OsR498G1120403500.01.T01	J domain-containing protein
maker-11-augustus-gene-192.2-mRNA-1	Japonica	NA			OsR498G1120396500.01.T01	Myosin-binding protein 7
maker-11-augustus-gene-192.4-mRNA-1	Japonica	NA				DUF295 domain-containing protein (Fragment)
maker-11-augustus-gene-192.5-mRNA-1	Japonica	NA			OsR498G1120399100.01.T01	
maker-11-augustus-gene-193.0-mRNA-1	Japonica	NA		Os04g0590366	OsR498G0407482700.01.T01	DDE Tnp4 domain-containing protein
maker-11-augustus-gene-193.3-mRNA-1	Japonica	NA			OsR498G1120402100.01.T01	C2H2-type domain-containing protein
maker-11-augustus-gene-193.7-mRNA-1	Japonica	NA		Os11g0574200		J domain-containing protein
maker-11-augustus-gene-194.34-mRNA-1	Japonica	NA		Os11g0579800	OsR498G1120405900.01.T02	H/ACA ribonucleoprotein complex subunit
maker-11-augustus-gene-194.36-mRNA-1	Japonica	NA		Os11g0580000	OsR498G1120406500.01.T01	Survival motor neuron interacting protein 1
maker-11-augustus-gene-194.38-mRNA-1	Japonica	Indica		Os11g0581700	OsR498G1120410300.01.T01	CHALLAH-LIKE 2, EPIDERMAL PATTERNING FACTOR-LIKE protein 4
maker-11-augustus-gene-194.40-mRNA-1	Japonica	NA			OsR498G1120405800.01.T01	XS domain containing protein expressed
maker-11-augustus-gene-194.42-mRNA-1	Japonica	NA		Os11g0579900	OsR498G1120406200.01.T01	Pumilio domain-containing protein
maker-11-augustus-gene-194.44-mRNA-1	Japonica	NA		Os11g0580100		SERPIN domain-containing protein
maker-11-augustus-gene-194.46-mRNA-1	Japonica	Indica		Os11g0545000	OsR498G1120407000.01.T01	NOP5NT domain-containing protein
maker-11-augustus-gene-194.48-mRNA-1	Japonica	NA		Os11g0580800	OsR498G1120407400.01.T01	High chlorophyll fluorescence106c
maker-11-augustus-gene-195.0-mRNA-1	Japonica	NA		Os11g0581900	OsR498G1120411100.01.T01	Transmembrane BAX inhibitor motif-containing protein 4
maker-11-augustus-gene-195.10-mRNA-1	Japonica	NA			OsR498G1120412700.01.T03	F-box domain-containing protein
maker-11-augustus-gene-195.12-mRNA-1	Japonica	NA		Os11g0583200	OsR498G1120413700.01.T03	Pentatricopeptide repeat
maker-11-augustus-gene-195.16-mRNA-1	Japonica	NA			OsR498G1120411400.01.T01	EGF-like domain-containing protein
maker-11-augustus-gene-195.2-mRNA-1	Japonica	NA	NBS-TM	Os11g0582300	OsR498G1120411700.01.T01	Protein ROOT HAIR DEFECTIVE 3 homolog
maker-11-augustus-gene-195.20-mRNA-1	Japonica	NA		Os11g0582100	OsR498G1120411600.01.T01	E3 ubiquitin-protein ligase RING1
maker-11-augustus-gene-195.22-mRNA-1	Japonica	NA			OsR498G1120413600.01.T01	AAI domain-containing protein (Fragment)
maker-11-augustus-gene-195.8-mRNA-1	Japonica	NA		Os11g0582500	OsR498G1120412300.01.T01	AAI domain-containing protein
maker-11-augustus-gene-196.36-mRNA-1	Japonica	NA			OsR498G1120416500.01.T03	PHD finger protein rhinoceros-like
maker-11-augustus-gene-196.39-mRNA-1	Japonica	NA				Ribosomal protein L4/L1 family isoform 1
maker-11-augustus-gene-196.42-mRNA-1	Japonica	NA		Os11g0585900	OsR498G1120418500.01.T02	Tetratricopeptide TPR-1
maker-11-augustus-gene-197.35-mRNA-1	Japonica	NA				Protein-serine/threonine phosphatase
maker-11-augustus-gene-197.44-mRNA-1	Japonica	NA			OsR498G1120421500.01.T01	Beta-carotene isomerase D27 chloroplastic
maker-11-augustus-gene-197.46-mRNA-1	Japonica	NA			OsR498G1120419600.01.T01	Calmodulin like 5
maker-11-augustus-gene-197.48-mRNA-1	Japonica	Indica		Os11g0586300	OsR498G1120419800.01.T02	Protein RNA-directed DNA methylation like
maker-11-augustus-gene-197.50-mRNA-1	Japonica	NA				
maker-11-augustus-gene-198.0-mRNA-1	Japonica	Indica		Os07g0485500	OsR498G1120426500.01.T01	
maker-11-augustus-gene-198.10-mRNA-1	Japonica	Indica		Os07g0525400	OsR498G1120424800.01.T01	Rab-GAP TBC domain-containing protein
maker-11-augustus-gene-198.15-mRNA-1	Japonica	NA			OsR498G1120425000.01.T01	Pleiotropic drug resistance protein 5

maker-11-augustus-gene-198.2-mRNA-1	Japonica	NA		Os11g0588300	OsR498G1120426900.01.T01	Theta class glutathione S-transferase
maker-11-augustus-gene-198.7-mRNA-1	Japonica	NA		Os11g0588300	OsR498G1120426900.01.T01	Glutathione S-transferase, N-terminal domain containing protein, expressed
maker-11-augustus-gene-199.32-mRNA-1	Japonica	Japonica	NBS-TM	Os11g0590400	OsR498G1120429100.01.T01	Putative CC-NBS-LRR resistance protein MLA13
maker-11-augustus-gene-199.35-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os11g0590700	OsR498G1120430700.01.T02	Putative CC-NBS-LRR resistance protein MLA13
maker-11-augustus-gene-199.37-mRNA-1	Japonica	NA	CC-NBS-TM	Os11g0590900	OsR498G1120430300.01.T01	NB-ARC domain containing protein, expressed
maker-11-augustus-gene-199.40-mRNA-1	Japonica	Indica	CC-LRR-NBS-TM	Os11g0590900	OsR498G1120430700.01.T02	Putative CC-NBS-LRR resistance protein MLA13
maker-11-augustus-gene-2.0-mRNA-1	Japonica	NA		Os12g0119000	OsR498G1220832200.01.T01	Secologanin synthase
maker-11-augustus-gene-2.11-mRNA-1	Japonica	NA		Os11g0120700	OsR498G1119336000.01.T01	Putative tubby C-terminal-like domain-containing protein
maker-11-augustus-gene-2.14-mRNA-1	Japonica	NA		Os12g0120500	OsR498G1119336800.01.T03	
maker-11-augustus-gene-2.17-mRNA-1	Japonica	NA		Os11g0121300	OsR498G1119338600.01.T02	Protein kinase APK1B chloroplast
maker-11-augustus-gene-2.19-mRNA-1	Japonica	NA	Kinase	Os11g0121400	OsR498G1119338800.01.T01	Serine/threonine-protein kinase NAK
maker-11-augustus-gene-2.2-mRNA-1	Japonica	Indica		Os12g0119700	OsR498G1119333300.01.T02	Retrotransposon protein, putative, Ty1-copia subclass
maker-11-augustus-gene-2.20-mRNA-1	Japonica	NA	Kinase			Putative serine/threonine-protein kinase PBL8
maker-11-augustus-gene-2.4-mRNA-1	Japonica	Indica		Os11g0120600	OsR498G1119335700.01.T01	Bis(5'-adenosyl)-triphosphatase
maker-11-augustus-gene-2.7-mRNA-1	Japonica	NA		Os12g0120400	OsR498G1220828000.01.T02	Bis(5'-adenosyl)-triphosphatase
maker-11-augustus-gene-2.9-mRNA-1	Japonica	NA		Os11g0120200	OsR498G1119333800.01.T01	Serine/arginine repetitive matrix protein
maker-11-augustus-gene-20.0-mRNA-1	Japonica	NA		Os11g0156600	OsR498G1119445300.01.T01	
maker-11-augustus-gene-20.11-mRNA-1	Japonica	Japonica		Os11g0157000	OsR498G1119447400.01.T01	5'-3' exoribonuclease
maker-11-augustus-gene-20.13-mRNA-1	Japonica	Indica		Os11g0157000	OsR498G1119448000.01.T01	5'-3' exoribonuclease
maker-11-augustus-gene-20.15-mRNA-1	Japonica	NA			OsR498G1119448400.01.T01	5'-3' exoribonuclease
maker-11-augustus-gene-20.17-mRNA-1	Japonica	NA		Os11g0157400	OsR498G1119450600.01.T03	
maker-11-augustus-gene-20.3-mRNA-1	Japonica	Indica		Os11g0156800	OsR498G1119446100.01.T01	Butenolide signaling repressing protein-like
maker-11-augustus-gene-20.5-mRNA-1	Japonica	NA			OsR498G1119448900.01.T01	Cyclin-T1-5 like
maker-11-augustus-gene-200.10-mRNA-1	Japonica	NA	NBS-TM			Protein-serine/threonine phosphatase
maker-11-augustus-gene-200.12-mRNA-1	Japonica	NA		Os11g0592500		PPM-type phosphatase domain-containing protein
maker-11-augustus-gene-200.14-mRNA-1	Japonica	NA		Os11g0592600	OsR498G1120436500.01.T01	TPX2 domain-containing protein
maker-11-augustus-gene-200.16-mRNA-1	Japonica	NA			OsR498G1120436900.01.T01	Hflx-type G domain-containing protein
maker-11-augustus-gene-200.19-mRNA-1	Japonica	NA		Os11g0591100	OsR498G1120431000.01.T02	GDP-mannose 3,5-epimerase 1
maker-11-augustus-gene-200.2-mRNA-1	Japonica	NA		Os11g0591800	OsR498G1120433700.01.T01	Barwin domain-containing protein (Fragment)
maker-11-augustus-gene-200.24-mRNA-1	Japonica	Indica		Os11g0591200	OsR498G1120432000.01.T01	Very-long-chain 3-oxoacyl-CoA synthase
maker-11-augustus-gene-200.26-mRNA-1	Japonica	NA				
maker-11-augustus-gene-200.28-mRNA-1	Japonica	NA		Os11g0592300	OsR498G1120434800.01.T05	Hexosyltransferase
maker-11-augustus-gene-200.31-mRNA-1	Japonica	NA			OsR498G1120435200.01.T01	CRM-domain containing factor CFM3, chloroplastic/mitochondrial
maker-11-augustus-gene-200.4-mRNA-1	Japonica	NA		Os11g0592000	OsR498G1120433900.01.T01	Barwin domain-containing protein
maker-11-augustus-gene-200.6-mRNA-1	Japonica	NA		Os11g0592100	OsR498G1120434100.01.T01	Barwin domain-containing protein
maker-11-augustus-gene-201.0-mRNA-1	Japonica	Indica		Os06g0141000	OsR498G1120440500.01.T01	MFS domain-containing protein (Fragment)
maker-11-augustus-gene-201.10-mRNA-1	Japonica	NA		Os11g0595200	OsR498G1120445500.01.T02	Harpin binding protein 1
maker-11-augustus-gene-201.12-mRNA-1	Japonica	NA		Os11g0592800	OsR498G1120437200.01.T01	TRAM domain
maker-11-augustus-gene-201.14-mRNA-1	Japonica	Indica		Os11g0593000	OsR498G1120437800.01.T01	Non-hemolytic phospholipase C
maker-11-augustus-gene-201.16-mRNA-1	Japonica	NA			OsR498G1120440400.01.T02	DUF629 domain-containing protein
maker-11-augustus-gene-201.17-mRNA-1	Japonica	NA			OsR498G1120442000.01.T01	DUF295 domain-containing protein
maker-11-augustus-gene-201.2-mRNA-1	Japonica	NA		Os11g0594200	OsR498G1120441100.01.T01	Notchless protein like
maker-11-augustus-gene-201.30-mRNA-1	Japonica	NA		Os11g0595100	OsR498G1120445400.01.T01	DUF295 domain-containing protein
maker-11-augustus-gene-202.0-mRNA-1	Japonica	NA				DUF629 domain-containing protein
maker-11-augustus-gene-202.1-mRNA-1	Japonica	NA				DUF629 domain-containing protein
maker-11-augustus-gene-202.8-mRNA-1	Japonica	Japonica		Os11g0596400	OsR498G1120452900.01.T05	rRNA N-glycosidase
maker-11-augustus-gene-203.30-mRNA-1	Japonica	Japonica		Os11g0597700	OsR498G1120452300.01.T01	Disease resistance protein RPM1
maker-11-augustus-gene-203.32-mRNA-1	Japonica	NA		Os11g0597500		
maker-11-augustus-gene-203.34-mRNA-1	Japonica	NA		Os11g0579600	OsR498G1120448000.01.T01	F-box only protein 7
maker-11-augustus-gene-204.0-mRNA-1	Japonica	NA		Os11g0598800	OsR498G1120452900.01.T01	rRNA N-glycosidase
maker-11-augustus-gene-204.19-mRNA-1	Japonica	NA				DUF629 domain-containing protein
maker-11-augustus-gene-204.24-mRNA-1	Japonica	Indica		Os11g0599101	OsR498G1120454300.01.T02	DUF629 domain-containing protein
maker-11-augustus-gene-204.28-mRNA-1	Japonica	NA		Os11g0599500	OsR498G1120456100.01.T01	Dead box ATP-dependent RNA helicase, putative isoform 1
maker-11-augustus-gene-204.30-mRNA-1	Japonica	NA			OsR498G0612819100.01.T01	L10-interacting MYB domain-containing protein
maker-11-augustus-gene-204.6-mRNA-1	Japonica	NA		Os11g0598900		DUF629 domain-containing protein
maker-11-augustus-gene-206.35-mRNA-1	Japonica	NA			OsR498G1120466700.01.T03	
maker-11-augustus-gene-206.38-mRNA-1	Japonica	NA				RING-CH-type domain-containing protein
maker-11-augustus-gene-206.49-mRNA-1	Japonica	Indica		Os01g0127900	OsR498G1120467700.01.T01	Mannose-6-phosphate isomerase
maker-11-augustus-gene-206.57-mRNA-1	Japonica	NA		Os11g0601700	OsR498G1120471000.01.T01	Transcription factor bHLH47
maker-11-augustus-gene-207.0-mRNA-1	Japonica	NA		Os11g0602300	OsR498G1120474100.01.T02	tRNA-intron lyase
maker-11-augustus-gene-207.11-mRNA-1	Japonica	NA		Os11g0603000	OsR498G1120477300.01.T01	BHLH domain-containing protein

maker-11-augustus-gene-207.13-mRNA-1	Japonica	NA		Os11g0603200	OsR498G1120478100.01.T02	ABC transporter family protein, expressed
maker-11-augustus-gene-207.18-mRNA-1	Japonica	NA		Os11g0603100	OsR498G1120477800.01.T01	Elongation factor 1-delta 1-like
maker-11-augustus-gene-207.5-mRNA-1	Japonica	NA		Os11g0602600	OsR498G1120475100.01.T01	30S ribosomal protein S4, chloroplastic
maker-11-augustus-gene-208.0-mRNA-1	Japonica	NA		Os11g0604600	OsR498G1120482500.01.T01	RING-CH-type domain-containing protein (Fragment)
maker-11-augustus-gene-208.11-mRNA-1	Japonica	NA			OsR498G1120483200.01.T02	Acyl-coenzyme A oxidase
maker-11-augustus-gene-208.5-mRNA-1	Japonica	NA				Thioredoxin domain-containing protein 9 like
maker-11-augustus-gene-209.1-mRNA-1	Japonica	NA	NBS-TM	Os11g0606900	OsR498G1120485700.01.T01	Disease resistance protein RPM1
maker-11-augustus-gene-209.14-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os11g0607200	OsR498G1120487000.01.T01	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1
maker-11-augustus-gene-209.8-mRNA-1	Japonica	Japonica	LRR-NBS-TM	Os11g0606400	OsR498G1120484800.01.T01	NB-ARC domain containing protein, expressed
maker-11-augustus-gene-209.9-mRNA-1	Japonica	Indica	LRR-NBS-TM	Os11g0606400	OsR498G1120485600.01.T01	NB-ARC domain containing protein, expressed
maker-11-augustus-gene-21.37-mRNA-1	Japonica	NA		Os11g0157600	OsR498G1119451500.01.T01	Two-component response regulator-like APRR9
maker-11-augustus-gene-21.43-mRNA-1	Japonica	NA		Os11g0158200	OsR498G1119453100.01.T01	Apoptosis-inducing factor B
maker-11-augustus-gene-21.45-mRNA-1	Japonica	NA		Os11g0158400	OsR498G1119453700.01.T02	Digalactosyldiacylglycerol synthase
maker-11-augustus-gene-21.54-mRNA-1	Japonica	NA			OsR498G1119452200.01.T01	
maker-11-augustus-gene-210.24-mRNA-1	Japonica	NA			OsR498G1120489000.01.T02	14-3-3 protein zeta (inferred by orthology to a D. melanogaster protein)
maker-11-augustus-gene-211.54-mRNA-1	Japonica	NA		Os11g0610900	OsR498G1120491500.01.T01	Seryl-tRNA synthetase
maker-11-augustus-gene-211.55-mRNA-1	Japonica	NA		Os11g0610900	OsR498G1120491500.01.T03	Seryl-tRNA synthetase
maker-11-augustus-gene-211.69-mRNA-1	Japonica	NA		Os11g0610700	OsR498G1120491200.01.T01	Putative Prolactin regulatory element-binding protein
maker-11-augustus-gene-213.27-mRNA-1	Japonica	NA		Os11g0613800		Transposon protein, putative, CACTA, En/Spm sub-class
maker-11-augustus-gene-214.40-mRNA-1	Japonica	NA		Os11g0614400	OsR498G1120503300.01.T01	Patatin
maker-11-augustus-gene-214.42-mRNA-1	Japonica	NA		Os11g0614800	OsR498G1120504700.01.T01	Cyclin-dependent kinase inhibitor
maker-11-augustus-gene-214.45-mRNA-1	Japonica	Indica		Os11g0614900	OsR498G1120505100.01.T05	Transmembrane protein like
maker-11-augustus-gene-214.50-mRNA-1	Japonica	NA			OsR498G1120505900.01.T02	Phosphatidate phosphatase
maker-11-augustus-gene-214.55-mRNA-1	Japonica	NA		Os11g0615100	OsR498G1120506100.01.T01	Phosphatidate phosphatase
maker-11-augustus-gene-214.58-mRNA-1	Japonica	NA		Os11g0615800	OsR498G1120508900.01.T01	DNA repair protein RAD51 homolog
maker-11-augustus-gene-214.60-mRNA-1	Japonica	NA			OsR498G1120509500.01.T01	NB-ARC domain-containing protein
maker-11-augustus-gene-214.62-mRNA-1	Japonica	NA		Os11g0615200	OsR498G1120506400.01.T01	GRF1-interacting factor 3 isoform A
maker-11-augustus-gene-214.64-mRNA-1	Japonica	NA		Os11g0615700	OsR498G1120508800.01.T01	Proteasome endopeptidase complex
maker-11-augustus-gene-214.70-mRNA-1	Japonica	NA			OsR498G1120509800.01.T01	
maker-11-augustus-gene-215.0-mRNA-1	Japonica	NA	Kinase-TM	Os11g0616100	OsR498G1120510900.01.T01	Leucine-rich repeat receptor protein kinase EXS
maker-11-augustus-gene-215.5-mRNA-1	Japonica	NA		Os11g0616300	OsR498G1120512200.01.T01	Remorin, C-terminal
maker-11-augustus-gene-215.8-mRNA-1	Japonica	NA			OsR498G1120513600.01.T01	
maker-11-augustus-gene-216.34-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1120517600.01.T01	Protein kinase domain-containing protein
maker-11-augustus-gene-216.36-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1120517800.01.T01	Protein kinase domain containing protein, expressed
maker-11-augustus-gene-216.38-mRNA-1	Japonica	Indica		Os11g0618600	OsR498G1120518800.01.T01	Protein kinase domain-containing protein (Fragment)
maker-11-augustus-gene-216.43-mRNA-1	Japonica	NA				USP domain-containing protein
maker-11-augustus-gene-216.45-mRNA-1	Japonica	NA			OsR498G1120520600.01.T01	USP domain-containing protein
maker-11-augustus-gene-217.42-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os11g0620500	OsR498G1120524900.01.T01	Leucine-rich repeat receptor protein kinase EXS, putative
maker-11-augustus-gene-217.44-mRNA-1	Japonica	Indica		Os11g0620000	OsR498G1120523200.01.T03	Mitochondrial inner membrane protease
maker-11-augustus-gene-217.48-mRNA-1	Japonica	NA		Os11g0620100	OsR498G1120523800.01.T02	oligouridylylate-binding protein 1-like isoform X1
maker-11-augustus-gene-217.55-mRNA-1	Japonica	NA			OsR498G1120526000.01.T01	Polyubiquitin
maker-11-augustus-gene-217.57-mRNA-1	Japonica	Japonica		Os11g0621400	OsR498G1120526200.01.T02	
maker-11-augustus-gene-218.23-mRNA-1	Japonica	Japonica		Os11g0622150	OsR498G1120530800.01.T01	BTB/POZ domain containing protein, expressed
maker-11-augustus-gene-219.36-mRNA-1	Japonica	NA			OsR498G1120544700.01.T01	
maker-11-augustus-gene-22.27-mRNA-1	Japonica	NA		Os11g0159500		Large tegument protein
maker-11-augustus-gene-22.29-mRNA-1	Japonica	NA		Os11g0160000	OsR498G1119460300.01.T01	
maker-11-augustus-gene-22.35-mRNA-1	Japonica	Indica		Os11g0160100	OsR498G1119461400.01.T01	PHD-finger family protein, expressed
maker-11-augustus-gene-22.37-mRNA-1	Japonica	NA	CC-Kinase-TM	Os11g0160300	OsR498G1119462200.01.T01	Probable serine/threonine-protein kinase WNK6
maker-11-augustus-gene-22.40-mRNA-1	Japonica	NA		Os11g0160700	OsR498G1119464000.01.T02	PHD domain-containing protein
maker-11-augustus-gene-220.21-mRNA-1	Japonica	NA		Os07g0651500		ATP-dependent DNA helicase
maker-11-augustus-gene-220.23-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os11g0625900	OsR498G1120550600.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-11-augustus-gene-221.0-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os11g0628000	OsR498G1120550600.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-11-augustus-gene-221.12-mRNA-1	Japonica	NA		Os11g0629300	OsR498G1120561500.01.T01	RING-type domain-containing protein
maker-11-augustus-gene-221.4-mRNA-1	Japonica	NA		Os11g0629100	OsR498G1120561100.01.T02	Protein PYRICULARIA ORYZAE RESISTANCE 21
maker-11-augustus-gene-221.6-mRNA-1	Japonica	NA		Os11g0629200	OsR498G1120561300.01.T01	Vacuolar protein sorting-associated protein 26
maker-11-augustus-gene-222.39-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G1120562500.01.T05	Disease resistance protein RPM1
maker-11-augustus-gene-222.42-mRNA-1	Japonica	NA	NBS-TM		OsR498G1120563300.01.T01	NB-ARC domain containing protein, expressed
maker-11-augustus-gene-222.45-mRNA-1	Japonica	NA		Os11g0629600		BTB/POZ and MATH domain-containing protein 2
maker-11-augustus-gene-222.46-mRNA-1	Japonica	NA		Os11g0629400	OsR498G1120562000.01.T01	Methylesterase 11
maker-11-augustus-gene-222.48-mRNA-1	Japonica	NA		Os11g0629500	OsR498G1120562200.01.T03	O-phosphoserine phosphohydrolase
maker-11-augustus-gene-223.0-mRNA-1	Japonica	NA			OsR498G1120575900.01.T01	

maker-11-augustus-gene-223.2-mRNA-1	Japonica	Indica		Os02g0701833	OsR498G1120576600.01.T02	ATP-dependent DNA helicase
maker-11-augustus-gene-224.0-mRNA-1	Japonica	NA	LRR-NBS-TM	Os11g0633500	OsR498G1120581500.01.T03	Disease resistance protein RPP8
maker-11-augustus-gene-224.3-mRNA-1	Japonica	NA		Os11g0633800	OsR498G1120584100.01.T01	F-box domain containing protein, expressed
maker-11-augustus-gene-224.5-mRNA-1	Japonica	NA		Os11g0634200	OsR498G1120584800.01.T01	
maker-11-augustus-gene-225.0-mRNA-1	Japonica	Indica		Os11g0634500	OsR498G1120587100.01.T02	Ribosomal protein S14p/S29e containing protein, expressed
maker-11-augustus-gene-225.2-mRNA-1	Japonica	NA			OsR498G1120587900.01.T01	BHLH domain-containing protein (Fragment)
maker-11-augustus-gene-225.3-mRNA-1	Japonica	Indica	NBS-TM	Os07g0573100	OsR498G1120588100.01.T01	Adenylyl-sulfate kinase
maker-11-augustus-gene-225.6-mRNA-1	Japonica	Indica		Os11g0635500	OsR498G1120590900.01.T01	Ent-cassadiene C2-hydroxylase
maker-11-augustus-gene-225.8-mRNA-1	Japonica	NA		Os11g0635500	OsR498G1120591500.01.T01	Ent-cassadiene C2-hydroxylase-like
maker-11-augustus-gene-226.0-mRNA-1	Japonica	NA		Os09g0244000		
maker-11-augustus-gene-226.2-mRNA-1	Japonica	Japonica		Os11g0636200	OsR498G1120596000.01.T03	CPSF (Cleavage and polyadenylation specific factor), subunit A, putative
maker-11-augustus-gene-226.7-mRNA-1	Japonica	NA		Os11g0636900	OsR498G1120601800.01.T01	U2 snRNP auxiliary factor large subunit
maker-11-augustus-gene-227.36-mRNA-1	Japonica	Japonica		Os11g0637300	OsR498G1120603300.01.T01	F-box domain containing protein, expressed
maker-11-augustus-gene-227.38-mRNA-1	Japonica	NA		Os11g0637700	OsR498G1120604700.01.T02	Heterogeneous nuclear ribonucleoprotein 1
maker-11-augustus-gene-227.40-mRNA-1	Japonica	NA			OsR498G1120605300.01.T06	GTP-binding protein EngA
maker-11-augustus-gene-227.45-mRNA-1	Japonica	NA		Os11g0638200		
maker-11-augustus-gene-227.48-mRNA-1	Japonica	Indica		Os11g0637200	OsR498G1120602400.01.T01	Polyol transporter 5
maker-11-augustus-gene-227.53-mRNA-1	Japonica	Indica		Os11g0637200	OsR498G1120604000.01.T02	Polyol transporter 5
maker-11-augustus-gene-227.55-mRNA-1	Japonica	Indica		Os11g0637400	OsR498G1120604200.01.T01	Stress-associated endoplasmic reticulum protein 2
maker-11-augustus-gene-227.57-mRNA-1	Japonica	NA			OsR498G1120604600.01.T01	Potyviral VPg interacting protein 1 (Fragment)
maker-11-augustus-gene-227.59-mRNA-1	Japonica	NA			OsR498G1120605000.01.T01	1-acylglycerol-3-phosphate O-acyltransferase
maker-11-augustus-gene-227.63-mRNA-1	Japonica	NA			OsR498G1120608000.01.T03	Armado repeat-containing protein 8
maker-11-augustus-gene-228.0-mRNA-1	Japonica	NA			OsR498G1120608700.01.T01	Folate-sensitive fragile site protein Fra10Ac1
maker-11-augustus-gene-228.6-mRNA-1	Japonica	NA	CC-LRR-NBS	Os11g0640600	OsR498G1120613000.01.T01	Blast resistance protein Pi54 variant (Fragment)
maker-11-augustus-gene-23.40-mRNA-1	Japonica	NA		Os11g0161000	OsR498G1119465100.01.T02	NB-ARC domain, putative
maker-11-augustus-gene-23.42-mRNA-1	Japonica	Japonica		Os11g0161650	OsR498G1119465700.01.T05	NB-ARC domain, putative
maker-11-augustus-gene-23.45-mRNA-1	Japonica	NA			OsR498G1119465700.01.T04	NB-ARC domain, putative
maker-11-augustus-gene-23.48-mRNA-1	Japonica	NA		Os11g0162200	OsR498G1119466700.01.T01	Cytochrome b-c1 complex subunit 6-1, mitochondrial
maker-11-augustus-gene-23.54-mRNA-1	Japonica	NA			OsR498G0100693500.01.T01	Transposon protein, putative, Mutator sub-class
maker-11-augustus-gene-23.57-mRNA-1	Japonica	NA			OsR498G1119466400.01.T01	ATG13 domain-containing protein
maker-11-augustus-gene-23.60-mRNA-1	Japonica	NA		Os11g0162300		
maker-11-augustus-gene-231.0-mRNA-1	Japonica	NA			OsR498G1120633100.01.T01	Oxidoreductase, aldo/keto reductase family protein, expressed
maker-11-augustus-gene-231.11-mRNA-1	Japonica	NA			OsR498G1120632000.01.T02	Nicotianamine aminotransferase A
maker-11-augustus-gene-231.7-mRNA-1	Japonica	Japonica		Os11g0645700	OsR498G1120634500.01.T01	
maker-11-augustus-gene-233.24-mRNA-1	Japonica	NA			OsR498G1120642100.01.T01	
maker-11-augustus-gene-233.29-mRNA-1	Japonica	NA		Os11g0648000	OsR498G1120635000.01.T01	Sodium-hydrogen exchanger 2
maker-11-augustus-gene-233.32-mRNA-1	Japonica	NA			OsR498G1120635400.01.T03	kinesin-like protein klp-3 isoform X2
maker-11-augustus-gene-233.38-mRNA-1	Japonica	Indica		Os11g0648400	OsR498G1120641000.01.T02	
maker-11-augustus-gene-233.45-mRNA-1	Japonica	NA			OsR498G1120641400.01.T01	
maker-11-augustus-gene-233.47-mRNA-1	Japonica	NA			OsR498G1120642600.01.T01	
maker-11-augustus-gene-233.51-mRNA-1	Japonica	NA				
maker-11-augustus-gene-234.0-mRNA-1	Japonica	NA			OsR498G1120643700.01.T01	
maker-11-augustus-gene-234.11-mRNA-1	Japonica	NA		Os11g0649600	OsR498G1120646000.01.T01	
maker-11-augustus-gene-234.13-mRNA-1	Japonica	NA		Os11g0649700	OsR498G1120646200.01.T01	
maker-11-augustus-gene-234.2-mRNA-1	Japonica	NA			OsR498G1120650900.01.T01	von Willebrand factor type A domain containing protein, expressed
maker-11-augustus-gene-234.4-mRNA-1	Japonica	NA			OsR498G1120644200.01.T01	
maker-11-augustus-gene-234.9-mRNA-1	Japonica	NA			OsR498G1120645000.01.T01	
maker-11-augustus-gene-236.36-mRNA-1	Japonica	Indica		Os11g0652600	OsR498G1120655200.01.T01	DUF4220 domain-containing protein (Fragment)
maker-11-augustus-gene-236.39-mRNA-1	Japonica	NA		Os11g0652900	OsR498G1120655800.01.T02	Tropinone reductase
maker-11-augustus-gene-237.33-mRNA-1	Japonica	Japonica		Os11g0655000	OsR498G1120661900.01.T01	
maker-11-augustus-gene-237.37-mRNA-1	Japonica	NA		Os11g0654400	OsR498G1120665000.01.T01	Tropinone reductase
maker-11-augustus-gene-238.30-mRNA-1	Japonica	NA		Os11g0655800	OsR498G1120669300.01.T05	probable feruloyl esterase A
maker-11-augustus-gene-238.37-mRNA-1	Japonica	Indica		Os11g0657000	OsR498G1120670900.01.T02	Kelch motif family protein, expressed
maker-11-augustus-gene-238.40-mRNA-1	Japonica	NA		Os11g0657100	OsR498G1120671100.01.T01	RF-1 domain-containing protein/PCRF domain-containing protein
maker-11-augustus-gene-238.46-mRNA-1	Japonica	NA		Os11g0657300	OsR498G1120671500.01.T02	Sm protein F
maker-11-augustus-gene-238.50-mRNA-1	Japonica	NA		Os11g0657200	OsR498G1120671400.01.T01	alkylated DNA repair protein alkB homolog 8
maker-11-augustus-gene-239.0-mRNA-1	Japonica	NA		Os11g0658700	OsR498G1120679700.01.T02	Agamous-like MADS-box protein AGL65
maker-11-augustus-gene-239.13-mRNA-1	Japonica	NA		Os11g0658800	OsR498G1120680000.01.T02	Glycoside hydrolase family 28 protein, putative, expressed
maker-11-augustus-gene-239.3-mRNA-1	Japonica	NA			OsR498G1120681300.01.T01	Mono-/di-acylglycerol lipase N-terminal
maker-11-augustus-gene-24.35-mRNA-1	Japonica	NA		Os11g0163100	OsR498G1119468300.01.T04	Beta-actin
maker-11-augustus-gene-24.40-mRNA-1	Japonica	Indica		Os11g0163600	OsR498G1119469900.01.T05	Tubby-like F-box protein 13

maker-11-augustus-gene-24.44-mRNA-1	Japonica	NA		Os11g0165700	OsR498G1119471500.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class, expressed
maker-11-augustus-gene-240.0-mRNA-1	Japonica	NA		Os11g0659200	OsR498G1120681700.01.T01	FLZ-type domain-containing protein
maker-11-augustus-gene-240.11-mRNA-1	Japonica	NA		Os11g0660000	OsR498G1120683400.01.T02	Magnesiumproton exchanger
maker-11-augustus-gene-240.18-mRNA-1	Japonica	NA		Os11g0660500	OsR498G1120685800.01.T01	TCTP domain-containing protein (Fragment)
maker-11-augustus-gene-240.2-mRNA-1	Japonica	NA		Os11g0660300	OsR498G1120683700.01.T01	WD repeat-containing protein 61
maker-11-augustus-gene-240.4-mRNA-1	Japonica	NA		Os11g0659500	OsR498G1120682400.01.T03	Acyl-[acyl-carrier-protein] hydrolase
maker-11-augustus-gene-240.8-mRNA-1	Japonica	NA				Pectinesterase
maker-11-augustus-gene-241.10-mRNA-1	Japonica	Indica		Os07g0672500	OsR498G1120687800.01.T02	AAA-type ATPase family protein
maker-11-augustus-gene-241.18-mRNA-1	Japonica	NA		Os11g0661800		
maker-11-augustus-gene-241.20-mRNA-1	Japonica	NA		Os08g0522100		ATP-dependent DNA helicase
maker-11-augustus-gene-241.8-mRNA-1	Japonica	NA		Os11g0661600	OsR498G1120688300.01.T01	Peroxidase
maker-11-augustus-gene-243.4-mRNA-1	Japonica	Japonica		Os11g0664800	OsR498G1120688900.01.T01	Calmodulin-binding protein 60 F
maker-11-augustus-gene-243.6-mRNA-1	Japonica	Indica		Os11g0665600	OsR498G1120688800.01.T01	
maker-11-augustus-gene-244.49-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1120691300.01.T01	Cytokinin-regulated kinase-like
maker-11-augustus-gene-244.53-mRNA-1	Japonica	Japonica	CC-Kinase-TM	Os11g0666200	OsR498G1120691200.01.T01	Protein kinase domain-containing protein
maker-11-augustus-gene-245.38-mRNA-1	Japonica	NA			OsR498G1120694900.01.T03	
maker-11-augustus-gene-245.39-mRNA-1	Japonica	NA				Calmodulin-binding protein-like
maker-11-augustus-gene-245.48-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1120696900.01.T05	Protein kinase domain containing protein, expressed
maker-11-augustus-gene-245.50-mRNA-1	Japonica	NA		Os11g0669100	OsR498G1120697100.01.T01	Calmodulin-binding protein-like
maker-11-augustus-gene-245.56-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1120696900.01.T05	G-type lectin 5-receptor-like serine/threonine-protein kinase
maker-11-augustus-gene-245.58-mRNA-1	Japonica	NA				
maker-11-augustus-gene-246.7-mRNA-1	Japonica	Indica		Os09g0529700	OsR498G1120699900.01.T01	Vacuolar protein sorting-associated protein
maker-11-augustus-gene-246.8-mRNA-1	Japonica	NA		Os09g0529400	OsR498G0917840000.01.T04	Vacuolar protein sorting-associated protein
maker-11-augustus-gene-247.3-mRNA-1	Japonica	NA		Os11g0672300	OsR498G1120704100.01.T05	Protein MID1-COMPLEMENTING ACTIVITY 1
maker-11-augustus-gene-247.5-mRNA-1	Japonica	NA			OsR498G1120704400.01.T01	p-loop nucleoside triphosphate hydrolase superfamily protein with CH (Calp)
maker-11-augustus-gene-248.27-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os11g0677101	OsR498G1120709900.01.T01	Putative nucleotide-binding leucine-rich-repeat protein 1
maker-11-augustus-gene-248.32-mRNA-1	Japonica	Japonica	LRR-NBS	Os11g0673900	OsR498G1120709100.01.T03	Putative nucleotide-binding leucine-rich-repeat protein 1
maker-11-augustus-gene-248.45-mRNA-1	Japonica	Indica		Os11g0673200	OsR498G1120707800.01.T01	Beta-xylosidase 2
maker-11-augustus-gene-25.37-mRNA-1	Japonica	NA		Os11g0166300		60 kDa jasmonate-induced protein, putative
maker-11-augustus-gene-250.32-mRNA-1	Japonica	Indica	CC-Kinase-TM	Os12g0562500	OsR498G1120719100.01.T01	Serine/threonine-protein kinase CTR1
maker-11-augustus-gene-250.37-mRNA-1	Japonica	NA		Os11g0679700	OsR498G1120723300.01.T01	PlsC domain-containing protein (Fragment)
maker-11-augustus-gene-250.39-mRNA-1	Japonica	NA			OsR498G1120721800.01.T01	VWFA domain-containing protein (Fragment)
maker-11-augustus-gene-251.40-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1120726800.01.T02	Receptor protein kinase-like
maker-11-augustus-gene-252.38-mRNA-1	Japonica	NA		Os11g0682300	OsR498G1120728700.01.T06	U2 snRNP auxiliary factor large subunit
maker-11-augustus-gene-252.48-mRNA-1	Japonica	NA		Os11g0683500	OsR498G1120729800.01.T02	Beta-glucosidase 5
maker-11-augustus-gene-252.53-mRNA-1	Japonica	NA		Os11g0684000	OsR498G1120730600.01.T01	Transcription factor MYB108
maker-11-augustus-gene-252.57-mRNA-1	Japonica	Japonica	NBS	Os11g0684600	OsR498G1120731800.01.T01	NBS-LRR disease resistance protein homologue-like
maker-11-augustus-gene-253.1-mRNA-1	Japonica	Indica	NBS-TM	Os11g0684100	OsR498G1120735400.01.T01	NBS-LRR disease resistance protein homologue-like
maker-11-augustus-gene-254.0-mRNA-1	Japonica	NA		Os11g0687100	OsR498G1120737300.01.T01	von Willebrand factor type A domain-like
maker-11-augustus-gene-254.11-mRNA-1	Japonica	NA	LRR-NBS-TM		OsR498G1120737800.01.T01	Disease resistance protein Piks-1
maker-11-augustus-gene-254.4-mRNA-1	Japonica	NA		Os11g0687100	OsR498G1120737300.01.T01	von Willebrand factor type A domain-like
maker-11-augustus-gene-254.7-mRNA-1	Japonica	Indica		Os11g0687200	OsR498G1120737500.01.T01	von Willebrand factor type A domain-like
maker-11-augustus-gene-255.0-mRNA-1	Japonica	Indica	NBS-TM PIK, PIKM	Os11g0689100	OsR498G1120737900.01.T02	Disease resistance protein Piks-2
maker-11-augustus-gene-256.34-mRNA-1	Japonica	NA	Kinase-TM	Os11g0695850	OsR498G1120743300.01.T02	Wall-associated receptor kinase
maker-11-augustus-gene-256.35-mRNA-1	Japonica	NA	Kinase-TM			Putative inactive receptor kinase RLK902
maker-11-augustus-gene-256.36-mRNA-1	Japonica	NA	Kinase			Major disease resistance protein Xa4
maker-11-augustus-gene-257.26-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os11g0695700	OsR498G1120747200.01.T01	Putative receptor kinase TRKc
maker-11-augustus-gene-257.28-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G1120751000.01.T01	Protein kinase domain containing protein, expressed
maker-11-augustus-gene-258.22-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os11g0695600	OsR498G1120747600.01.T01	Serine-threonine protein kinase plant-type
maker-11-augustus-gene-260.0-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os11g0699100	OsR498G1120757300.01.T01	Disease resistance protein RPP13
maker-11-augustus-gene-260.5-mRNA-1	Japonica	NA		Os11g0700500	OsR498G1120760800.01.T01	MYB transcription factor MYBAS1
maker-11-augustus-gene-262.53-mRNA-1	Japonica	NA		Os11g0704700	OsR498G1120770400.01.T02	RRM domain-containing protein (Fragment)
maker-11-augustus-gene-262.58-mRNA-1	Japonica	NA		Os11g0704800	OsR498G1120770600.01.T01	RHOMBOID-like protein (Fragment)
maker-11-augustus-gene-263.0-mRNA-1	Japonica	NA			OsR498G1120777300.01.T02	Mitochondrial uncoupling protein 2
maker-11-augustus-gene-263.16-mRNA-1	Japonica	Japonica		Os11g0706100	OsR498G0203365400.01.T04	
maker-11-augustus-gene-263.21-mRNA-1	Japonica	Indica		Os11g0706600	OsR498G1120773800.01.T02	thaumatin-like protein isoform X2
maker-11-augustus-gene-263.23-mRNA-1	Japonica	NA			OsR498G1120774000.01.T01	Cyclin N-terminal domain-containing protein
maker-11-augustus-gene-263.25-mRNA-1	Japonica	Indica		Os11g0707000	OsR498G1120774600.01.T03	Ribulose biphosphate carboxylase/oxygenase activase
maker-11-augustus-gene-263.30-mRNA-1	Japonica	Japonica		Os11g0707100	OsR498G1120774600.01.T02	Rubisco activase small subunit
maker-11-augustus-gene-263.32-mRNA-1	Japonica	NA		Os11g0707600	OsR498G1120776600.01.T01	Aldehyde oxygenase (deformylating)
maker-11-augustus-gene-263.37-mRNA-1	Japonica	NA		Os11g0707700	OsR498G1120776800.01.T01	Elongin-C

maker-11-augustus-gene-263.39-mRNA-1	Japonica	Indica		Os11g0708600	OsR498G1120779000.01.T02	mediator of RNA polymerase II transcription subunit 34 isoform X1
maker-11-augustus-gene-263.4-mRNA-1	Japonica	NA			OsR498G1120778300.01.T01	Laccase
maker-11-augustus-gene-263.6-mRNA-1	Japonica	NA		Os11g0708400	OsR498G1120778500.01.T01	GDSL esterase/lipase
maker-11-augustus-gene-263.9-mRNA-1	Japonica	Japonica		Os11g0708900	OsR498G0407560600.01.T01	Phenylalanine ammonia-lyase
maker-11-augustus-gene-27.0-mRNA-1	Japonica	NA			OsR498G1119475100.01.T01	SEC14 cytosolic factor family protein / phosphoglyceride transfer family protein
maker-11-augustus-gene-27.12-mRNA-1	Japonica	NA		Os11g0168200	OsR498G1119478900.01.T01	Ribosomal protein L3
maker-11-augustus-gene-27.16-mRNA-1	Japonica	Indica		Os11g0166800	OsR498G1119474600.01.T02	probable mediator of RNA polymerase II transcription subunit 26c
maker-11-augustus-gene-27.20-mRNA-1	Japonica	NA		Os11g0167300	OsR498G1119475600.01.T01	HTH OST-type domain-containing protein (Fragment)
maker-11-augustus-gene-27.22-mRNA-1	Japonica	NA		Os11g0167800	OsR498G1119476600.01.T01	Abcissic acid stress ripening
maker-11-augustus-gene-27.8-mRNA-1	Japonica	Indica		Os01g0963300	OsR498G1119478500.01.T02	t-SNARE coiled-coil homology domain-containing protein
maker-11-augustus-gene-28.36-mRNA-1	Japonica	Japonica		Os11g0168300	OsR498G0408582600.01.T02	Alba domain-containing protein (Fragment)
maker-11-augustus-gene-28.37-mRNA-1	Japonica	NA		Os11g0168300		
maker-11-augustus-gene-28.42-mRNA-1	Japonica	Indica	Kinase-TM	Os02g0194400	OsR498G1119480300.01.T01	Leucine-rich repeat receptor protein kinase MSL1
maker-11-augustus-gene-28.44-mRNA-1	Japonica	NA				Transposon protein, putative, CACTA, En/Spm sub-class
maker-11-augustus-gene-28.48-mRNA-1	Japonica	NA		Os11g0169100	OsR498G1119481900.01.T01	Sec1 family domain-containing protein 2
maker-11-augustus-gene-28.50-mRNA-1	Japonica	NA		Os11g0169400	OsR498G1119483300.01.T01	Zinc finger, C2H2 type family protein, expressed
maker-11-augustus-gene-28.52-mRNA-1	Japonica	Indica		Os11g0169800	OsR498G1119484100.01.T01	Long-chain-fatty-acid--CoA ligase 3
maker-11-augustus-gene-28.57-mRNA-1	Japonica	NA		Os11g0168500	OsR498G1119479600.01.T01	Ethylene response factor 9
maker-11-augustus-gene-28.59-mRNA-1	Japonica	NA		Os11g0169200	OsR498G1119482600.01.T01	AUX/LAX auxin transporter
maker-11-augustus-gene-28.61-mRNA-1	Japonica	NA		Os09g0545700	OsR498G0815439200.01.T01	Auxin-responsive protein SAUR36-like
maker-11-augustus-gene-28.63-mRNA-1	Japonica	NA		Os11g0169900	OsR498G1119484400.01.T01	V-type proton ATPase proteolipid subunit
maker-11-augustus-gene-28.66-mRNA-1	Japonica	Japonica		Os11g0170000	OsR498G1221019600.01.T03	Amidase family protein, expressed
maker-11-augustus-gene-28.68-mRNA-1	Japonica	NA		Os11g0170200	OsR498G1119484800.01.T07	Filament-like plant protein 3
maker-11-augustus-gene-29.32-mRNA-1	Japonica	Indica		Os12g0169400	OsR498G1119485200.01.T02	CBS domain containing protein CBSCBSPB4
maker-11-augustus-gene-29.41-mRNA-1	Japonica	NA		Os11g0171500	OsR498G1119487000.01.T02	Calcium-dependent protein kinase SK5
maker-11-augustus-gene-3.0-mRNA-1	Japonica	NA				Auxin efflux carrier component
maker-11-augustus-gene-3.2-mRNA-1	Japonica	NA			OsR498G1119344700.01.T01	
maker-11-augustus-gene-30.26-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os11g0171800	OsR498G1119488300.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-11-augustus-gene-30.27-mRNA-1	Japonica	Indica		Os01g0788400	OsR498G1119488700.01.T01	Pectinesterase
maker-11-augustus-gene-30.29-mRNA-1	Japonica	NA	LRR	Os11g0172300		Protein kinase domain-containing protein
maker-11-augustus-gene-30.62-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os11g0172700	OsR498G1119488300.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-11-augustus-gene-30.66-mRNA-1	Japonica	NA		Os11g0171700	OsR498G1119488200.01.T01	FHA domain containing protein, expressed
maker-11-augustus-gene-31.34-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os11g0173700	OsR498G1119493500.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-11-augustus-gene-31.36-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os11g0173500	OsR498G1119494900.01.T07	Putative LRR receptor-like serine/threonine-protein kinase
maker-11-augustus-gene-31.38-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os11g0173700	OsR498G1119493500.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-11-augustus-gene-31.40-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os11g0173800	OsR498G1119496700.01.T02	Leucine Rich Repeat family protein, expressed
maker-11-augustus-gene-31.44-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os11g0173900	OsR498G1119496900.01.T01	Leucine-rich repeat receptor kinase (LRR-RK)
maker-11-augustus-gene-31.54-mRNA-1	Japonica	NA		Os11g0174000	OsR498G1119497200.01.T02	Coatomer subunit beta
maker-11-augustus-gene-33.12-mRNA-1	Japonica	NA			OsR498G0102010300.01.T01	Protein kinase domain-containing protein
maker-11-augustus-gene-33.20-mRNA-1	Japonica	Indica		Os11g0177400	OsR498G1119510400.01.T02	ABC transporter domain-containing protein (Fragment)
maker-11-augustus-gene-34.38-mRNA-1	Japonica	Indica		Os11g0180100	OsR498G1119519000.01.T01	
maker-11-augustus-gene-35.26-mRNA-1	Japonica	NA			OsR498G1119520500.01.T03	DEAD-box ATP-dependent RNA helicase FANCM
maker-11-augustus-gene-35.30-mRNA-1	Japonica	NA		Os11g0180900		R2R3-Myb transcription factor
maker-11-augustus-gene-35.33-mRNA-1	Japonica	NA		Os11g0181100	OsR498G1119521900.01.T01	Transmembrane 9 superfamily member
maker-11-augustus-gene-35.37-mRNA-1	Japonica	NA			OsR498G1119522500.01.T01	Mlo like protein 4 (Fragment)
maker-11-augustus-gene-35.42-mRNA-1	Japonica	NA		Os11g0181500	OsR498G1119522700.01.T01	NifU-like protein 2 chloroplastic
maker-11-augustus-gene-35.44-mRNA-1	Japonica	Indica		Os12g0174800	OsR498G1119519800.01.T04	Protein-tyrosine-phosphatase PTP1
maker-11-augustus-gene-36.43-mRNA-1	Japonica	NA		Os11g0181900	OsR498G1119523700.01.T02	
maker-11-augustus-gene-36.46-mRNA-1	Japonica	Japonica		Os11g0182200	OsR498G0816559700.01.T01	Putrescine hydroxycinnamoyltransferase 1
maker-11-augustus-gene-36.48-mRNA-1	Japonica	NA		Os11g0182400	OsR498G1119525400.01.T01	F-box/WD-40 repeat-containing protein (Fragment)
maker-11-augustus-gene-36.54-mRNA-1	Japonica	Japonica		Os11g0182500	OsR498G1119526200.01.T01	SWI/SNF complex subunit SWI3C-like
maker-11-augustus-gene-36.56-mRNA-1	Japonica	NA		Os11g0182900	OsR498G1119527200.01.T02	Ankyrin repeat family protein, putative, expressed
maker-11-augustus-gene-36.60-mRNA-1	Japonica	NA			OsR498G1119527800.01.T01	SWI/SNF complex subunit SWI3C-like
maker-11-augustus-gene-37.0-mRNA-1	Japonica	NA		Os11g0183700	OsR498G1119529300.01.T01	SWI/SNF complex subunit SWI3C
maker-11-augustus-gene-37.10-mRNA-1	Japonica	NA		Os11g0183900		Eukaryotic aspartyl protease family protein, expressed
maker-11-augustus-gene-37.12-mRNA-1	Japonica	Japonica		Os11g0184200	OsR498G0917727000.01.T01	Beta-glucosidase 11 isoform F
maker-11-augustus-gene-37.15-mRNA-1	Japonica	NA		Os11g0184800		Aspartic proteinase
maker-11-augustus-gene-37.17-mRNA-1	Japonica	NA	NBS-TM	Os11g0184900	OsR498G1119531400.01.T01	NAC domain transcription factor
maker-11-augustus-gene-37.5-mRNA-1	Japonica	NA			OsR498G1119529700.01.T03	Protein CELLULOSE SYNTHASE INTERACTIVE 3 isoform C
maker-11-augustus-gene-38.36-mRNA-1	Japonica	Indica		Os01g0221100	OsR498G1119535300.01.T01	Jasmonoyl--L-amino acid synthetase GH3.3
maker-11-augustus-gene-39.45-mRNA-1	Japonica	NA		Os11g0186900	OsR498G1119536600.01.T01	1-aminocyclopropane-1-carboxylate oxidase

maker-11-augustus-gene-39.53-mRNA-1	Japonica	NA		Os11g0187500	OsR498G1119541000.01.T01	Heat shock 70 kDa protein 3
maker-11-augustus-gene-4.52-mRNA-1	Japonica	NA		Os12g0121600	OsR498G1119346300.01.T01	Cation/H(+) antiporter 15
maker-11-augustus-gene-4.54-mRNA-1	Japonica	NA		Os11g0124300	OsR498G1119347500.01.T01	Transcription factor GRAS
maker-11-augustus-gene-4.56-mRNA-1	Japonica	Indica		Os11g0124500	OsR498G1119348100.01.T01	Calcium uniporter protein (Fragment)
maker-11-augustus-gene-4.58-mRNA-1	Japonica	Japonica		Os11g0125600	OsR498G1220855500.01.T04	Glutathione transferase GST 23
maker-11-augustus-gene-4.60-mRNA-1	Japonica	NA				Ethanolamine-phosphate cytidylyltransferase
maker-11-augustus-gene-4.65-mRNA-1	Japonica	NA		Os11g0123500	OsR498G1119346000.01.T02	Vacuolar protein sorting-associated protein 32
maker-11-augustus-gene-4.70-mRNA-1	Japonica	NA		Os11g0124900	OsR498G1119348600.01.T01	Hexosyltransferase
maker-11-augustus-gene-4.74-mRNA-1	Japonica	NA				Pentatricopeptide repeat-containing protein (Fragment)
maker-11-augustus-gene-41.0-mRNA-1	Japonica	NA			OsR498G1119543500.01.T01	
maker-11-augustus-gene-41.6-mRNA-1	Japonica	NA				DNA topoisomerase 2-binding protein 1
maker-11-augustus-gene-41.9-mRNA-1	Japonica	NA		Os11g0191400	OsR498G1119545300.01.T02	NAD kinase 2 chloroplastic
maker-11-augustus-gene-42.0-mRNA-1	Japonica	NA	CC-NBS-TM			NB-ARC domain, putative
maker-11-augustus-gene-43.0-mRNA-1	Japonica	NA				F-box domain-containing protein (Fragment)
maker-11-augustus-gene-43.2-mRNA-1	Japonica	NA			OsR498G1119741400.01.T01	Subtilisin-like serine endopeptidase family protein
maker-11-augustus-gene-43.3-mRNA-1	Japonica	NA			OsR498G1119741400.01.T03	Subtilisin-like serine endopeptidase family protein
maker-11-augustus-gene-44.31-mRNA-1	Japonica	NA		Os10g0199200		Transposon protein, putative, CACTA, En/Spm sub-class, expressed
maker-11-augustus-gene-44.36-mRNA-1	Japonica	Indica		Os11g0264200	OsR498G1119754700.01.T02	F-box/LRR-repeat protein 12
maker-11-augustus-gene-44.38-mRNA-1	Japonica	Indica		Os11g0641500	OsR498G1119753600.01.T01	Laccase
maker-11-augustus-gene-44.40-mRNA-1	Japonica	NA			OsR498G1119755000.01.T01	NLP transcription factor (Fragment)
maker-11-augustus-gene-45.0-mRNA-1	Japonica	NA		Os11g0264500	OsR498G1119761300.01.T01	
maker-11-augustus-gene-45.10-mRNA-1	Japonica	NA		Os11g0265000	OsR498G1119763500.01.T01	Uridine kinase
maker-11-augustus-gene-45.17-mRNA-1	Japonica	NA		Os11g0265400	OsR498G1119764700.01.T01	Dehydrogenase/reductase SDR family member 7 like
maker-11-augustus-gene-45.24-mRNA-1	Japonica	Indica		Os11g0264700	OsR498G1119762000.01.T01	ApaG domain-containing protein
maker-11-augustus-gene-45.28-mRNA-1	Japonica	NA		Os11g0265200	OsR498G1119764400.01.T02	F-box protein SKIP16
maker-11-augustus-gene-45.32-mRNA-1	Japonica	NA			OsR498G1119764600.01.T01	
maker-11-augustus-gene-45.4-mRNA-1	Japonica	NA			OsR498G1119761700.01.T01	ER membrane protein complex subunit 10 like
maker-11-augustus-gene-46.0-mRNA-1	Japonica	NA		Os11g0265600		Diphthamide synthesis DHP2, eukaryotic
maker-11-augustus-gene-46.11-mRNA-1	Japonica	NA			OsR498G1119765000.01.T02	RNA-binding ASCH domain protein
maker-11-augustus-gene-46.18-mRNA-1	Japonica	NA		Os11g0266000	OsR498G1119767600.01.T01	
maker-11-augustus-gene-46.22-mRNA-1	Japonica	Indica	NBS-TM	Os11g0265900	OsR498G1119768400.01.T01	NB-ARC domain, putative
maker-11-augustus-gene-46.24-mRNA-1	Japonica	NA				Tetratricopeptide repeat-containing domain
maker-11-augustus-gene-46.6-mRNA-1	Japonica	Japonica		Os11g0265800	OsR498G1119766900.01.T01	2-oxoglutarate-dependent dioxygenase, putative
maker-11-augustus-gene-46.8-mRNA-1	Japonica	Japonica	NBS-TM	Os11g0266500	OsR498G1119768700.01.T02	Disease resistance protein RPM1
maker-11-augustus-gene-47.27-mRNA-1	Japonica	NA			OsR498G1119770900.01.T01	Endonuclease III 1, chloroplastic
maker-11-augustus-gene-47.33-mRNA-1	Japonica	NA		Os11g0267100	OsR498G1119770200.01.T04	Alpha-1,6-mannosyl-glycoprotein 6-beta-N-acetylglucosaminyltransferase
maker-11-augustus-gene-47.42-mRNA-1	Japonica	NA		Os11g0267400	OsR498G1119771200.01.T01	Chaperone protein ClpC, chloroplastic
maker-11-augustus-gene-48.25-mRNA-1	Japonica	Indica		Os11g0267400	OsR498G1119779800.01.T01	chaperone protein ClpC, chloroplastic
maker-11-augustus-gene-49.33-mRNA-1	Japonica	NA	Kinase-TM	Os11g0271100	OsR498G1119793700.01.T06	Mitogen-activated protein kinase
maker-11-augustus-gene-49.37-mRNA-1	Japonica	NA		Os11g0269900	OsR498G1119786800.01.T01	Enoyl-CoA hydratase/isomerase family protein, expressed
maker-11-augustus-gene-5.32-mRNA-1	Japonica	NA		Os12g0123500	OsR498G1220856100.01.T03	GDA1/CD39 family protein, expressed
maker-11-augustus-gene-5.47-mRNA-1	Japonica	Japonica		Os11g0126400	OsR498G1119350900.01.T01	GDA1/CD39 family protein, expressed
maker-11-augustus-gene-5.50-mRNA-1	Japonica	Indica		Os11g0126400	OsR498G1119351300.01.T01	GDA1/CD39 family protein, expressed
maker-11-augustus-gene-5.54-mRNA-1	Japonica	NA			OsR498G1119352100.01.T01	NAC domain transcription factor
maker-11-augustus-gene-5.57-mRNA-1	Japonica	NA		Os11g0127000	OsR498G1119352900.01.T02	NAC domain-containing protein 7
maker-11-augustus-gene-5.62-mRNA-1	Japonica	NA		Os11g0127600	OsR498G1119353500.01.T01	NAC transcription factor 8
maker-11-augustus-gene-52.38-mRNA-1	Japonica	Japonica		Os11g0252900	OsR498G1119717500.01.T01	DDE Tnp4 domain-containing protein
maker-11-augustus-gene-52.53-mRNA-1	Japonica	NA	CC-Kinase-TM	Os11g0274300	OsR498G1119797800.01.T03	Protein kinase domain containing protein, expressed
maker-11-augustus-gene-52.59-mRNA-1	Japonica	Indica		Os11g0251200	OsR498G1119719010.01.T01	Protein ACCELERATED CELL DEATH 6-like isoform X1
maker-11-augustus-gene-54.41-mRNA-1	Japonica	Indica		Os11g0257200	OsR498G1119727500.01.T01	Anthranilate O-methyltransferase 2-like
maker-11-augustus-gene-54.43-mRNA-1	Japonica	Indica		Os11g0257200	OsR498G1119728500.01.T01	SAM dependent carboxyl methyltransferase
maker-11-augustus-gene-54.47-mRNA-1	Japonica	NA		Os11g0257200	OsR498G1119729900.01.T01	Anthranilate O-methyltransferase 2
maker-11-augustus-gene-54.49-mRNA-1	Japonica	NA		Os11g0255300	OsR498G1119723500.01.T01	Thiol protease
maker-11-augustus-gene-54.52-mRNA-1	Japonica	NA		Os11g0255500	OsR498G1119723100.01.T01	NADP-dependent oxidoreductase P1, putative, expressed
maker-11-augustus-gene-54.54-mRNA-1	Japonica	Indica		Os02g0608600	OsR498G1119725800.01.T01	Acetohydroxy-acid synthase small subunit
maker-11-augustus-gene-54.58-mRNA-1	Japonica	NA		Os11g0256200	OsR498G1119726600.01.T01	Calcineurin-like metallo-phosphoesterase superfamily protein
maker-11-augustus-gene-55.0-mRNA-1	Japonica	Indica		Os11g0257200	OsR498G1119733300.01.T01	Anthranilate O-methyltransferase 2
maker-11-augustus-gene-55.2-mRNA-1	Japonica	NA				Transposable element protein, putative, MuDR
maker-11-augustus-gene-55.6-mRNA-1	Japonica	Indica		Os11g0257200	OsR498G1119733300.01.T01	Anthranilate O-methyltransferase 2
maker-11-augustus-gene-55.8-mRNA-1	Japonica	Japonica	CC-LRR-NBS-TM	Os11g0258500	OsR498G1119734000.01.T01	NB-ARC domain, putative
maker-11-augustus-gene-56.36-mRNA-1	Japonica	Indica		Os04g0557800	OsR498G1119735000.01.T01	Anthocyanin regulatory R-S protein-like

maker-11-augustus-gene-56.37-mRNA-1	Japonica	NA		Os11g0258700	OsR498G1119735000.01.T01	Anthocyanin regulatory R-S protein-like
maker-11-augustus-gene-58.25-mRNA-1	Japonica	NA			OsR498G1119698500.01.T02	Glutathione S-transferase zeta class
maker-11-augustus-gene-58.29-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os12g0210400	OsR498G1119698900.01.T01	probable leucine-rich repeat receptor-like protein kinase At5g49770
maker-11-augustus-gene-58.33-mRNA-1	Japonica	Indica		Os12g0209300	OsR498G1119695800.01.T01	ATPase, AAA family protein, expressed
maker-11-augustus-gene-58.36-mRNA-1	Japonica	Japonica		Os11g0244800	OsR498G1119697600.01.T01	PHD finger protein Alfin1
maker-11-augustus-gene-58.40-mRNA-1	Japonica	NA			OsR498G1119698400.01.T01	CWV-type domain-containing protein
maker-11-augustus-gene-58.42-mRNA-1	Japonica	NA		Os11g0245500	OsR498G1119700200.01.T01	START domain-containing protein 10
maker-11-augustus-gene-58.44-mRNA-1	Japonica	NA			OsR498G1119700800.01.T01	Heparan-alpha-glucosaminide N-acetyltransferase
maker-11-augustus-gene-59.22-mRNA-1	Japonica	NA	NBS-TM		OsR498G1119700900.01.T04	Leucine Rich Repeat family protein, expressed
maker-11-augustus-gene-59.25-mRNA-1	Japonica	NA		Os11g0246100	OsR498G1119701700.01.T01	Mitochondrial transcription termination factor-like family-1
maker-11-augustus-gene-59.28-mRNA-1	Japonica	NA		Os11g0246600		Trypsin family protein with PDZ domain
maker-11-augustus-gene-59.32-mRNA-1	Japonica	NA		Os11g0246900	OsR498G1119707300.01.T01	F-box/ankyrin repeat protein SKIP35
maker-11-augustus-gene-59.35-mRNA-1	Japonica	NA			OsR498G0203537600.01.T01	Transposon protein, putative, ping/pong/SNOOPY sub-class
maker-11-augustus-gene-6.0-mRNA-1	Japonica	NA		Os11g0127800	OsR498G1119354300.01.T01	FHA domain containing protein, expressed
maker-11-augustus-gene-6.11-mRNA-1	Japonica	NA		Os11g0127700	OsR498G1119354000.01.T01	TNF receptor-associated factor 5
maker-11-augustus-gene-6.19-mRNA-1	Japonica	NA		Os11g0128500	OsR498G1119358600.01.T01	Myb-like DNA-binding domain containing protein, expressed
maker-11-augustus-gene-6.21-mRNA-1	Japonica	NA		Os12g0125300	OsR498G1220865000.01.T01	BUB1 N-terminal domain-containing protein (Fragment)
maker-11-augustus-gene-6.24-mRNA-1	Japonica	NA		Os11g0128800	OsR498G1119359200.01.T02	Homoserine dehydrogenase
maker-11-augustus-gene-6.31-mRNA-1	Japonica	NA		Os11g0126100	OsR498G1119360200.01.T01	MatE family protein, expressed
maker-11-augustus-gene-6.35-mRNA-1	Japonica	NA		Os11g0128900	OsR498G1119360400.01.T03	MatE family protein, expressed
maker-11-augustus-gene-6.4-mRNA-1	Japonica	NA		Os12g0126200	OsR498G1119361700.01.T02	ELMO domain-containing protein A
maker-11-augustus-gene-6.80-mRNA-1	Japonica	NA			OsR498G1119361400.01.T01	GDLS-like Lipase/Acylhydrolase family protein, expressed
maker-11-augustus-gene-6.84-mRNA-1	Japonica	Japonica		Os12g0126300	OsR498G1119362000.01.T01	Ethylene-responsive transcription factor WRI1
maker-11-augustus-gene-60.0-mRNA-1	Japonica	NA		Os11g0247300	OsR498G1119708900.01.T01	Tubulin alpha chain
maker-11-augustus-gene-60.11-mRNA-1	Japonica	NA		Os11g0247800		HAT family dimerisation domain containing protein
maker-11-augustus-gene-60.13-mRNA-1	Japonica	Indica		Os11g0248200	OsR498G1119712400.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-11-augustus-gene-60.4-mRNA-1	Japonica	NA		Os11g0252400	OsR498G1119717400.01.T04	Protein ACCELERATED CELL DEATH 6-like isoform X1
maker-11-augustus-gene-60.6-mRNA-1	Japonica	NA				TTF-type domain-containing protein (Fragment)
maker-11-augustus-gene-60.8-mRNA-1	Japonica	NA		Os11g0247400	OsR498G1119709200.01.T02	S4 RNA-binding domain-containing protein (Fragment)
maker-11-augustus-gene-61.35-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os11g0249000	OsR498G1119714500.01.T01	Disease resistance protein RPM1
maker-11-augustus-gene-61.47-mRNA-1	Japonica	NA			OsR498G1119715800.01.T01	Polygalacturonase, putative, expressed
maker-11-augustus-gene-61.49-mRNA-1	Japonica	Indica		Os10g0151800	OsR498G1119717000.01.T01	RNA recognition motif family protein, expressed
maker-11-augustus-gene-62.0-mRNA-1	Japonica	NA		Os11g0194800	OsR498G1119550500.01.T01	DNA-directed RNA polymerase II subunit 10
maker-11-augustus-gene-62.2-mRNA-1	Japonica	NA		Os11g0251400	OsR498G1119717200.01.T01	Protein ACCELERATED CELL DEATH 6-like isoform X1
maker-11-augustus-gene-62.4-mRNA-1	Japonica	NA		Os11g0252400	OsR498G1119717400.01.T03	Protein ACCELERATED CELL DEATH 6-like isoform X2
maker-11-augustus-gene-62.7-mRNA-1	Japonica	NA	Kinase-TM	Os11g0194900	OsR498G1119551000.01.T02	Protein kinase domain-containing protein
maker-11-augustus-gene-63.0-mRNA-1	Japonica	Japonica		Os11g0195100	OsR498G1119553300.01.T05	Protein translocase subunit SecA
maker-11-augustus-gene-63.4-mRNA-1	Japonica	Indica		Os11g0195500	OsR498G1119553700.01.T03	Lipase family protein, expressed
maker-11-augustus-gene-63.8-mRNA-1	Japonica	NA		Os11g0195600	OsR498G1119554100.01.T01	Amino acid permease
maker-11-augustus-gene-64.3-mRNA-1	Japonica	Indica		Os01g0882300	OsR498G1119559800.01.T02	Probable magnesium transporter
maker-11-augustus-gene-65.38-mRNA-1	Japonica	NA		Os11g0199700		Target of Myb protein 1
maker-11-augustus-gene-66.50-mRNA-1	Japonica	NA		Os11g0201332	OsR498G1119571800.01.T02	F-box family-2
maker-11-augustus-gene-67.43-mRNA-1	Japonica	NA		Os06g0272601	OsR498G0204300200.01.T01	dNK domain-containing protein
maker-11-augustus-gene-67.48-mRNA-1	Japonica	NA				F-box domain, putative
maker-11-augustus-gene-67.51-mRNA-1	Japonica	Japonica		Os11g0201800	OsR498G1119574200.01.T01	F-box domain, putative
maker-11-augustus-gene-67.55-mRNA-1	Japonica	Indica		Os11g0201800	OsR498G1119574400.01.T01	F-box family-4
maker-11-augustus-gene-67.57-mRNA-1	Japonica	NA		Os11g0202000	OsR498G1119574800.01.T01	F-box family-2
maker-11-augustus-gene-69.50-mRNA-1	Japonica	NA		Os11g0206700	OsR498G1119585800.01.T01	Extra-large guanine nucleotide-binding protein like
maker-11-augustus-gene-7.42-mRNA-1	Japonica	NA		Os11g0130300	OsR498G1119363500.01.T01	RING-type E3 ubiquitin transferase
maker-11-augustus-gene-7.46-mRNA-1	Japonica	NA		Os11g0130600	OsR498G1119364700.01.T01	
maker-11-augustus-gene-7.53-mRNA-1	Japonica	NA		Os11g0131900	OsR498G1119368100.01.T04	Non-reducing end alpha-L-arabinofuranosidase
maker-11-augustus-gene-7.54-mRNA-1	Japonica	Indica		Os11g0129800	OsR498G1119362400.01.T01	
maker-11-augustus-gene-7.59-mRNA-1	Japonica	NA				CID domain-containing protein
maker-11-augustus-gene-7.65-mRNA-1	Japonica	NA		Os11g0130200	OsR498G1119363200.01.T01	CID domain-containing protein
maker-11-augustus-gene-7.68-mRNA-1	Japonica	NA			OsR498G1220870800.01.T01	FBD domain-containing protein
maker-11-augustus-gene-7.73-mRNA-1	Japonica	Indica	NBS-TM	Os08g0170200	OsR498G1119365800.01.T01	Disease resistance protein RPM1
maker-11-augustus-gene-7.75-mRNA-1	Japonica	Indica		Os11g0131200	OsR498G1119366400.01.T02	Peroxisomal membrane 22 kDa family protein isoform 1
maker-11-augustus-gene-7.80-mRNA-1	Japonica	NA		Os11g0130900	OsR498G1220874000.01.T02	Mitochondrial import inner membrane translocase subunit
maker-11-augustus-gene-70.29-mRNA-1	Japonica	NA				Transcriptional corepressor SEUSS
maker-11-augustus-gene-70.39-mRNA-1	Japonica	Indica	Kinase-TM	Os11g0207200	OsR498G1119591700.01.T01	Mitogen-activated protein kinase kinase kinase 3
maker-11-augustus-gene-70.45-mRNA-1	Japonica	NA		Os11g0207600	OsR498G1119593300.01.T01	transcription factor MYB52

maker-11-augustus-gene-70.47-mRNA-1	Japonica	NA			OsR498G0203391700.01.T01	Flavin-containing monooxygenase
maker-11-augustus-gene-71.0-mRNA-1	Japonica	NA		Os11g0208000	OsR498G1119594500.01.T03	F-box domain containing protein, expressed
maker-11-augustus-gene-71.10-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os11g0208900	OsR498G1119599000.01.T01	Serine-threonine protein kinase plant-type
maker-11-augustus-gene-71.3-mRNA-1	Japonica	NA		Os11g0208100	OsR498G1119595800.01.T02	F-box family-2
maker-11-augustus-gene-71.5-mRNA-1	Japonica	NA			OsR498G1119596600.01.T02	F-box family-2
maker-11-augustus-gene-71.7-mRNA-1	Japonica	NA			OsR498G1119597400.01.T01	F-box domain containing protein, expressed
maker-11-augustus-gene-71.9-mRNA-1	Japonica	Indica	Kinase-TM	Os07g0186200	OsR498G1119598200.01.T01	Serine/threonine-protein kinase
maker-11-augustus-gene-72.24-mRNA-1	Japonica	NA		Os11g0209100	OsR498G1119599800.01.T01	F-box domain containing protein
maker-11-augustus-gene-72.26-mRNA-1	Japonica	NA		Os11g0209200	OsR498G1119600000.01.T01	F-box family-6
maker-11-augustus-gene-72.29-mRNA-1	Japonica	NA			OsR498G1119601000.01.T02	F-box domain containing protein, expressed
maker-11-augustus-gene-72.31-mRNA-1	Japonica	Indica		Os11g0209500	OsR498G1119601400.01.T02	F-box domain containing protein, expressed
maker-11-augustus-gene-72.34-mRNA-1	Japonica	NA			OsR498G1119603400.01.T01	Phosphatidylinositol kinase
maker-11-augustus-gene-72.41-mRNA-1	Japonica	Japonica		Os11g0209900	OsR498G1119604000.01.T01	Cysteine desulfurylase
maker-11-augustus-gene-72.43-mRNA-1	Japonica	Indica		Os12g0191500	OsR498G1119605000.01.T01	Peroxidase
maker-11-augustus-gene-73.13-mRNA-1	Japonica	Indica		Os11g0210600	OsR498G1119607600.01.T03	Cinnamyl-alcohol dehydrogenase
maker-11-augustus-gene-73.3-mRNA-1	Japonica	NA		Os11g0210300	OsR498G1119605800.01.T01	Alcohol dehydrogenase ADH1
maker-11-augustus-gene-73.9-mRNA-1	Japonica	NA		Os11g0210500	OsR498G1119606600.01.T01	Alcohol dehydrogenase ADH2
maker-11-augustus-gene-74.0-mRNA-1	Japonica	NA				DUF4220 domain-containing protein (Fragment)
maker-11-augustus-gene-74.2-mRNA-1	Japonica	NA	LRR-TM		OsR498G1119610600.01.T03	NBS-LRR disease resistance protein family-4
maker-11-augustus-gene-74.5-mRNA-1	Japonica	NA	CC-LRR-NBS-TM		OsR498G1119611800.01.T01	NBS-LRR disease resistance protein family-4
maker-11-augustus-gene-75.13-mRNA-1	Japonica	NA		Os11g0213600	OsR498G1119615200.01.T01	Carboxypeptidase
maker-11-augustus-gene-75.17-mRNA-1	Japonica	Indica	LRR-TM	Os11g0213700	OsR498G1119615600.01.T02	Disease resistance protein RGA2
maker-11-augustus-gene-75.2-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1119613600.01.T01	Coatomer beta subunit, putative
maker-11-augustus-gene-75.20-mRNA-1	Japonica	NA	CC-NBS-TM	Os11g0213800	OsR498G1119615600.01.T05	NBS-LRR type protein (Fragment)
maker-11-augustus-gene-75.29-mRNA-1	Japonica	NA			OsR498G1119616200.01.T02	Ubiquitin-like-specific protease 2
maker-11-augustus-gene-75.8-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1119614000.01.T02	Putative mitogen-activated protein (MAP) kinase kinase kinase Ste11, Crypt
maker-11-augustus-gene-76.0-mRNA-1	Japonica	Japonica		Os11g0215300	OsR498G1119618200.01.T01	
maker-11-augustus-gene-77.35-mRNA-1	Japonica	NA		Os11g0216000	OsR498G1119619100.01.T03	Pyruvate kinase
maker-11-augustus-gene-77.39-mRNA-1	Japonica	NA		Os11g0216900	OsR498G1119622100.01.T02	Methylthioribose-1-phosphate isomerase
maker-11-augustus-gene-77.44-mRNA-1	Japonica	NA		Os11g0217300	OsR498G1119622300.01.T03	Glucuronokinase G
maker-11-augustus-gene-77.48-mRNA-1	Japonica	NA		Os11g0218000	OsR498G1119624300.01.T01	BZIP type transcription factor
maker-11-augustus-gene-77.51-mRNA-1	Japonica	NA		Os11g0216300	OsR498G1119619600.01.T01	Protein ACTIVITY OF BC1 COMPLEX KINASE 1, chloroplastic isoform A
maker-11-augustus-gene-77.60-mRNA-1	Japonica	Indica		Os12g0193200	OsR498G1119622600.01.T01	GTP--RNA guanylyltransferase
maker-11-augustus-gene-78.0-mRNA-1	Japonica	NA			OsR498G1119629900.01.T02	RNase H domain-containing protein
maker-11-augustus-gene-78.2-mRNA-1	Japonica	NA			OsR498G1119628600.01.T02	Lon protease
maker-11-augustus-gene-79.33-mRNA-1	Japonica	NA			OsR498G1119632900.01.T01	Calmodulin-interacting protein 111
maker-11-augustus-gene-79.35-mRNA-1	Japonica	NA				Reverse transcriptase domain-containing protein
maker-11-augustus-gene-79.40-mRNA-1	Japonica	Indica		Os11g0221000	OsR498G1119634900.01.T01	Auxin-responsive protein IAA27
maker-11-augustus-gene-8.2-mRNA-1	Japonica	NA		Os11g0132600	OsR498G1119370100.01.T06	Non-reducing end alpha-L-arabinofuranosidase
maker-11-augustus-gene-8.45-mRNA-1	Japonica	NA		Os11g0133800	OsR498G1119375500.01.T01	S-acyltransferase
maker-11-augustus-gene-8.49-mRNA-1	Japonica	Indica		Os12g0129000	OsR498G1119369600.01.T02	Transmembrane protein 230
maker-11-augustus-gene-8.55-mRNA-1	Japonica	NA		Os11g0132700	OsR498G1119370400.01.T05	Aladin
maker-11-augustus-gene-8.67-mRNA-1	Japonica	NA			OsR498G1119374800.01.T02	Glutamine--fructose-6-phosphate transaminase (isomerizing)
maker-11-augustus-gene-8.76-mRNA-1	Japonica	Japonica		Os11g0133900	OsR498G1119375800.01.T02	Glucosamine fructose-6-phosphate aminotransferase1
maker-11-augustus-gene-80.32-mRNA-1	Japonica	Indica		Os07g0179600	OsR498G1119638500.01.T01	Neprosin domain-containing protein (Fragment)
maker-11-augustus-gene-80.34-mRNA-1	Japonica	NA		Os11g0222225	OsR498G1119638200.01.T01	SERPIN domain-containing protein (Fragment)
maker-11-augustus-gene-81.0-mRNA-1	Japonica	Indica		Os07g0179600	OsR498G1119638500.01.T01	Neprosin domain-containing protein (Fragment)
maker-11-augustus-gene-82.2-mRNA-1	Japonica	NA	Kinase			Retrotransposon protein, putative, LINE subclass
maker-11-augustus-gene-82.6-mRNA-1	Japonica	Indica	CC-NBS-TM	Os11g0226700	OsR498G1119646100.01.T02	NBS-LRR type protein (Fragment)
maker-11-augustus-gene-82.8-mRNA-1	Japonica	NA	CC-NBS-TM			Protein kinase domain-containing protein
maker-11-augustus-gene-83.0-mRNA-1	Japonica	NA				
maker-11-augustus-gene-83.3-mRNA-1	Japonica	Japonica	CC-LRR-NBS-TM	Os11g0227100	OsR498G1119648000.01.T02	NBS-LRR type resistance protein (Fragment)
maker-11-augustus-gene-84.0-mRNA-1	Japonica	Indica		Os11g0230400	OsR498G1119652500.01.T01	SERPIN domain-containing protein (Fragment)
maker-11-augustus-gene-84.4-mRNA-1	Japonica	Indica		Os11g0230700	OsR498G1119653900.01.T01	SERPIN domain-containing protein (Fragment)
maker-11-augustus-gene-85.28-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G1119660500.01.T01	Leucine-rich repeat receptor-like serine/threonine-protein kinase BAM3
maker-11-augustus-gene-86.16-mRNA-1	Japonica	NA			OsR498G1119665600.01.T03	UDP-glucose-fructose-phosphate glucosyltransferase
maker-11-augustus-gene-86.17-mRNA-1	Japonica	NA				UDP-glucose-fructose-phosphate glucosyltransferase
maker-11-augustus-gene-86.6-mRNA-1	Japonica	NA		Os11g0235200	OsR498G1119662400.01.T01	Proton-dependent oligopeptide transporter family
maker-11-augustus-gene-87.36-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os11g0237900	OsR498G1119671300.01.T01	Putative disease resistance RPP13-like protein 3
maker-11-augustus-gene-87.38-mRNA-1	Japonica	Indica		Os05g0318300	OsR498G1119671000.01.T02	RNase III domain-containing protein (Fragment)
maker-11-augustus-gene-88.0-mRNA-1	Japonica	NA			OsR498G1119676200.01.T01	Serpin (Serine protease inhibitor)

maker-11-augustus-gene-88.2-mRNA-1	Japonica	NA			OsR498G1119677200.01.T01	Serpin (Serine protease inhibitor)
maker-11-augustus-gene-88.3-mRNA-1	Japonica	NA		Os03g0193900	OsR498G0101213400.01.T05	SERPIN domain-containing protein
maker-11-augustus-gene-89.0-mRNA-1	Japonica	NA		Os11g0240900	OsR498G1119683100.01.T04	CCR4-NOT transcription complex subunit 11
maker-11-augustus-gene-89.5-mRNA-1	Japonica	NA				PH domain-containing protein
maker-11-augustus-gene-89.7-mRNA-1	Japonica	NA		Os11g0241900	OsR498G1119686000.01.T01	Protein trichome birefringence-like protein 14
maker-11-augustus-gene-9.0-mRNA-1	Japonica	NA	Kinase-TM	Os12g0132200	OsR498G1119377100.01.T07	Non-specific serine/threonine protein kinase
maker-11-augustus-gene-9.17-mRNA-1	Japonica	NA		Os12g0132300	OsR498G1119377400.01.T01	Calmodulin-4
maker-11-augustus-gene-9.18-mRNA-1	Japonica	NA		Os11g0134500	OsR498G1119377600.01.T01	Glutamate-rich WD repeat-containing protein 1
maker-11-augustus-gene-9.25-mRNA-1	Japonica	NA				Major facilitator superfamily antiporter, putative, expressed
maker-11-augustus-gene-9.40-mRNA-1	Japonica	NA		Os11g0135000	OsR498G1119378200.01.T02	Major facilitator superfamily antiporter
maker-11-augustus-gene-9.46-mRNA-1	Japonica	NA		Os12g0133000	OsR498G1220891200.01.T01	Major facilitator superfamily antiporter
maker-11-augustus-gene-9.50-mRNA-1	Japonica	Indica		Os08g0130500	OsR498G1119380000.01.T01	60S acidic ribosomal protein P0
maker-11-augustus-gene-9.6-mRNA-1	Japonica	Indica		Os12g0131900	OsR498G1119376200.01.T01	Rhamnogalacturonan endolyase
maker-11-augustus-gene-90.0-mRNA-1	Japonica	NA		Os11g0242100	OsR498G1119686500.01.T06	Non-lysosomal glucosylceramidase
maker-11-augustus-gene-90.12-mRNA-1	Japonica	Japonica		Os11g0242700	OsR498G1119689500.01.T01	fibroin heavy chain isoform X1
maker-11-augustus-gene-90.15-mRNA-1	Japonica	NA		Os11g0242800	OsR498G1119689900.01.T02	Chlorophyll a-b binding protein, chloroplastic
maker-11-augustus-gene-90.20-mRNA-1	Japonica	NA		Os11g0242400	OsR498G1119688800.01.T03	Rieske domain-containing protein (Fragment)
maker-11-augustus-gene-90.7-mRNA-1	Japonica	NA		Os11g0242200	OsR498G1119687300.01.T01	PPM-type phosphatase domain-containing protein
maker-11-augustus-gene-90.9-mRNA-1	Japonica	NA	Kinase-TM	Os11g0242500	OsR498G1119688900.01.T03	Cyclin-dependent kinase C
maker-11-augustus-gene-99.0-mRNA-1	Japonica	NA			OsR498G0917954800.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-11-augustus-gene-99.3-mRNA-1	Japonica	NA		Os07g0165500	OsR498G0203722500.01.T01	Cytokinin inducible protein-like
maker-11-augustus-gene-99.5-mRNA-1	Japonica	NA		Os11g0414000	OsR498G1119939800.01.T02	Basic leucine zipper and W2 domain-containing protein 2
maker-12-augustus-gene-0.34-mRNA-1	Japonica	NA				Pleiotropic drug resistance protein 3
maker-12-augustus-gene-0.41-mRNA-1	Japonica	NA			OsR498G1220782800.01.T02	Autophagy-related protein 8D
maker-12-augustus-gene-0.43-mRNA-1	Japonica	Japonica		Os11g0100300	OsR498G1220783200.01.T01	
maker-12-augustus-gene-0.45-mRNA-1	Japonica	NA		Os12g0100500	OsR498G1220783400.01.T01	Caffeoylshikimate esterase
maker-12-augustus-gene-1.0-mRNA-1	Japonica	Japonica		Os12g0101000	OsR498G1220784700.01.T03	CCT domain-containing protein
maker-12-augustus-gene-1.22-mRNA-1	Japonica	NA		Os12g0102400	OsR498G1220788900.01.T02	RNA binding (RRM/RBD/RNP motifs) family protein
maker-12-augustus-gene-1.23-mRNA-1	Japonica	NA		Os12g0102400	OsR498G1220788900.01.T03	RNA binding (RRM/RBD/RNP motifs) family protein
maker-12-augustus-gene-1.34-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G1220789200.01.T06	Leucine-rich repeat protein kinase family protein
maker-12-augustus-gene-1.5-mRNA-1	Japonica	NA	Kinase-TM			Nonphototropic hypocotyl 1
maker-12-augustus-gene-10.42-mRNA-1	Japonica	Japonica		Os12g0119700	OsR498G1119333300.01.T02	Retrotransposon protein, putative, Ty1-copia subclass
maker-12-augustus-gene-10.47-mRNA-1	Japonica	NA		Os11g0120600	OsR498G1119336300.01.T01	Bis(5'-adenosyl)-triphosphatase
maker-12-augustus-gene-10.52-mRNA-1	Japonica	NA		Os12g0120000	OsR498G1220829700.01.T01	Serine/arginine repetitive matrix protein
maker-12-augustus-gene-10.54-mRNA-1	Japonica	NA		Os11g0120700	OsR498G1220827300.01.T01	
maker-12-augustus-gene-10.57-mRNA-1	Japonica	NA		Os12g0120500	OsR498G1119336800.01.T03	
maker-12-augustus-gene-10.60-mRNA-1	Japonica	NA		Os12g0121000	OsR498G1220824900.01.T02	Protein kinase APK1B chloroplast
maker-12-augustus-gene-10.62-mRNA-1	Japonica	NA	Kinase	Os11g0121400	OsR498G1220824700.01.T01	Serine-threonine kinase STK11
maker-12-augustus-gene-10.68-mRNA-1	Japonica	NA				Ethanolamine-phosphate cytidylyltransferase
maker-12-augustus-gene-10.73-mRNA-1	Japonica	NA		Os12g0121400	OsR498G1220823700.01.T03	Vacuolar protein sorting-associated protein 32
maker-12-augustus-gene-100.37-mRNA-1	Japonica	NA		Os12g0270100	OsR498G1221264000.01.T03	Putative heme chaperone
maker-12-augustus-gene-100.40-mRNA-1	Japonica	Indica		Os12g0270900	OsR498G1221267000.01.T01	Sulfotransferase
maker-12-augustus-gene-101.37-mRNA-1	Japonica	NA		Os12g0271600	OsR498G1221270500.01.T02	
maker-12-augustus-gene-101.39-mRNA-1	Japonica	NA		Os12g0271700	OsR498G1221270800.01.T01	Solanesyl-diphosphate synthase 2, chloroplastic
maker-12-augustus-gene-102.0-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os12g0273266	OsR498G1221272600.01.T01	Disease resistance protein RPM1, putative, expressed
maker-12-augustus-gene-102.3-mRNA-1	Japonica	NA	CC-NBS-TM			NB-ARC domain containing protein, expressed
maker-12-augustus-gene-103.40-mRNA-1	Japonica	Indica		Os12g0273700	OsR498G1221278700.01.T03	TPX2 (Targeting protein for Xklp2) protein family
maker-12-augustus-gene-103.44-mRNA-1	Japonica	Indica		Os12g0273900	OsR498G1221278900.01.T01	Senescence-specific cysteine protease SAG39
maker-12-augustus-gene-103.49-mRNA-1	Japonica	Indica		Os12g0274200	OsR498G1221280200.01.T01	GDSL-motif lipase/hydrolase, putative
maker-12-augustus-gene-103.51-mRNA-1	Japonica	NA		Os12g0274700	OsR498G1221281600.01.T01	Ribulose biphosphate carboxylase small chain
maker-12-augustus-gene-104.35-mRNA-1	Japonica	Japonica		Os12g0275500	OsR498G1221283500.01.T01	
maker-12-augustus-gene-104.37-mRNA-1	Japonica	NA			OsR498G0714211300.01.T01	
maker-12-augustus-gene-104.40-mRNA-1	Japonica	NA			OsR498G1221284200.01.T02	Cation/H(+) antiporter 15
maker-12-augustus-gene-104.42-mRNA-1	Japonica	NA		Os12g0276100	OsR498G1221290200.01.T02	Rho GTPase-activating protein like
maker-12-augustus-gene-105.23-mRNA-1	Japonica	NA		Os12g0277500	OsR498G1221297100.01.T01	ruBisCO large subunit-binding protein subunit alpha
maker-12-augustus-gene-105.27-mRNA-1	Japonica	NA			OsR498G1221293000.01.T01	
maker-12-augustus-gene-105.29-mRNA-1	Japonica	NA		Os12g0277000	OsR498G1221295000.01.T01	RING-type E3 ubiquitin transferase
maker-12-augustus-gene-105.31-mRNA-1	Japonica	NA		Os12g0277400	OsR498G1221297000.01.T01	RING-type E3 ubiquitin transferase
maker-12-augustus-gene-105.34-mRNA-1	Japonica	NA			OsR498G1221297800.01.T01	
maker-12-augustus-gene-105.36-mRNA-1	Japonica	NA			OsR498G1221298800.01.T01	
maker-12-augustus-gene-106.29-mRNA-1	Japonica	NA			OsR498G1120154400.01.T01	

maker-12-augustus-gene-106.34-mRNA-1	Japonica	NA		Os01g0650700		Transposon protein, putative, CACTA, En/Spm sub-class
maker-12-augustus-gene-106.36-mRNA-1	Japonica	NA		Os12g0278700	OsR498G1221303800.01.T03	Cystinosin like
maker-12-augustus-gene-107.15-mRNA-1	Japonica	NA			OsR498G1221305700.01.T02	RNA helicase, ATP-dependent, SK12/DOB1 protein
maker-12-augustus-gene-107.19-mRNA-1	Japonica	NA		Os12g0278800	OsR498G1221304600.01.T03	Zinc finger CCCH domain-containing protein 65
maker-12-augustus-gene-107.23-mRNA-1	Japonica	NA		Os12g0278900	OsR498G1221305600.01.T01	
maker-12-augustus-gene-107.25-mRNA-1	Japonica	NA		Os12g0279100		Lysine-specific demethylase REF6
maker-12-augustus-gene-107.27-mRNA-1	Japonica	NA		Os12g0279600	OsR498G1221307200.01.T02	DNA-(apurinic or apyrimidinic site) endonuclease
maker-12-augustus-gene-108.36-mRNA-1	Japonica	NA			OsR498G1221308400.01.T01	Cysteine proteinase EP-B 1
maker-12-augustus-gene-109.40-mRNA-1	Japonica	NA	CC-NBS-TM Pi42	Os12g0281600	OsR498G1221312700.01.T02	NB-ARC domain containing protein, expressed
maker-12-augustus-gene-109.42-mRNA-1	Japonica	NA		Os12g0282400		ATP synthase subunit-like protein
maker-12-augustus-gene-109.46-mRNA-1	Japonica	NA				
maker-12-augustus-gene-109.48-mRNA-1	Japonica	NA		Os12g0283100	OsR498G1221319200.01.T01	PAP/OAS1 substrate-binding domain superfamily
maker-12-augustus-gene-11.0-mRNA-1	Japonica	NA		Os12g0122000	OsR498G1220851500.01.T01	Transcription factor GRAS
maker-12-augustus-gene-11.2-mRNA-1	Japonica	Indica		Os12g0122100	OsR498G1220852100.01.T01	Calcium uniporter protein (Fragment)
maker-12-augustus-gene-11.32-mRNA-1	Japonica	NA		Os11g0124900	OsR498G1220854200.01.T01	Hexosyltransferase
maker-12-augustus-gene-110.39-mRNA-1	Japonica	NA		Os12g0283900	OsR498G1221321500.01.T01	Pentatricopeptide repeat
maker-12-augustus-gene-110.41-mRNA-1	Japonica	Japonica		Os12g0284000	OsR498G1221322100.01.T01	Ultraviolet-B receptor UVR8
maker-12-augustus-gene-110.45-mRNA-1	Japonica	Indica	PTR	Os12g0285100	OsR498G1221322300.01.T01	Disease resistance protein
maker-12-augustus-gene-110.47-mRNA-1	Japonica	NA			OsR498G1221322700.01.T01	Disease resistance protein (Fragment)
maker-12-augustus-gene-110.52-mRNA-1	Japonica	NA			OsR498G1221321400.01.T01	Protein RETICULATA-RELATED 3 chloroplastic
maker-12-augustus-gene-111.26-mRNA-1	Japonica	Japonica	PTR	Os12g0285100	OsR498G1221325200.01.T02	Disease resistance protein (Fragment)
maker-12-augustus-gene-111.31-mRNA-1	Japonica	NA			OsR498G1221325900.01.T02	Ufm1-specific protease
maker-12-augustus-gene-111.37-mRNA-1	Japonica	NA		Os12g0285600	OsR498G1221326600.01.T03	Oxysterol-binding protein-related protein 1D
maker-12-augustus-gene-112.28-mRNA-1	Japonica	Indica		Os12g0287200	OsR498G1221331700.01.T03	Mago nashi
maker-12-augustus-gene-112.30-mRNA-1	Japonica	NA		Os12g0286600	OsR498G1221330000.01.T01	Abhydrolase domain-containing protein FAM108C1 family
maker-12-augustus-gene-112.36-mRNA-1	Japonica	Indica		Os12g0287300	OsR498G1221332000.01.T03	Cysteine desulfurase
maker-12-augustus-gene-113.42-mRNA-1	Japonica	NA			OsR498G1221342900.01.T03	AAA+ ATPase domain
maker-12-augustus-gene-113.58-mRNA-1	Japonica	NA		Os12g0288900	OsR498G1221340400.01.T01	Mitochondrial inner membrane protease ATP23
maker-12-augustus-gene-114.0-mRNA-1	Japonica	Indica	Kinase	Os05g0511400	OsR498G1221346100.01.T01	Serine/threonine-protein kinase CBK1
maker-12-augustus-gene-114.12-mRNA-1	Japonica	NA			OsR498G1221346400.01.T07	Quinolinate synthase, chloroplastic
maker-12-augustus-gene-115.19-mRNA-1	Japonica	Japonica		Os12g0291200	OsR498G1221348500.01.T01	Ribulose biphosphate carboxylase small chain
maker-12-augustus-gene-115.21-mRNA-1	Japonica	NA		Os12g0291400	OsR498G1221349500.01.T01	Ribulose biphosphate carboxylase small chain
maker-12-augustus-gene-115.23-mRNA-1	Japonica	NA		Os12g0292400	OsR498G1221350300.01.T01	Ribulose biphosphate carboxylase small chain
maker-12-augustus-gene-116.14-mRNA-1	Japonica	NA			OsR498G1221351500.01.T04	Chloroplast sensor kinase chloroplastic
maker-12-augustus-gene-116.19-mRNA-1	Japonica	NA			OsR498G1221356100.01.T05	WD repeat-containing protein 89 homolog
maker-12-augustus-gene-116.24-mRNA-1	Japonica	NA		Os12g0293100	OsR498G1221351800.01.T01	Telomerase reverse transcriptase
maker-12-augustus-gene-118.0-mRNA-1	Japonica	NA			OsR498G0714235700.01.T01	HGWP repeat containing protein-like
maker-12-augustus-gene-118.2-mRNA-1	Japonica	Japonica		Os12g0297500	OsR498G1221360600.01.T01	Phosphoglucan water dikinase chloroplastic
maker-12-augustus-gene-122.10-mRNA-1	Japonica	NA		Os12g0403800	OsR498G1221362900.01.T03	3'-5'-exoribonuclease family protein isoform 2
maker-12-augustus-gene-125.29-mRNA-1	Japonica	NA		Os12g0405200	OsR498G1221366900.01.T02	15-cis-zeta-carotene isomerase
maker-12-augustus-gene-125.32-mRNA-1	Japonica	NA		Os12g0405700		Wound-inducible basic
maker-12-augustus-gene-125.34-mRNA-1	Japonica	NA		Os12g0406100	OsR498G1221368800.01.T03	Beta-glucanase, putative
maker-12-augustus-gene-125.38-mRNA-1	Japonica	NA		Os12g0406200	OsR498G1221369000.01.T01	
maker-12-augustus-gene-126.0-mRNA-1	Japonica	NA				
maker-12-augustus-gene-126.4-mRNA-1	Japonica	NA		Os12g0407500	OsR498G1221372600.01.T03	Phosphatidylinositol 3 4 5-trisphosphate 3-phosphatase and dual-specificity
maker-12-augustus-gene-127.37-mRNA-1	Japonica	NA			OsR498G1221377100.01.T01	
maker-12-augustus-gene-127.39-mRNA-1	Japonica	Indica		Os12g0409000	OsR498G1221374800.01.T01	Serine hydroxymethyltransferase
maker-12-augustus-gene-127.42-mRNA-1	Japonica	NA		Os12g0409700	OsR498G1221377600.01.T01	ABC transporter domain-containing protein (Fragment)
maker-12-augustus-gene-132.38-mRNA-1	Japonica	NA		Os12g0414900		Tyrosyl-DNA phosphodiesterase
maker-12-augustus-gene-132.40-mRNA-1	Japonica	Indica		Os12g0416500	OsR498G1221400300.01.T05	Biogenesis of lysosome-related organelles complex 1 subunit 1
maker-12-augustus-gene-135.0-mRNA-1	Japonica	NA		Os12g0420100	OsR498G1221412500.01.T01	B-S glucosidase 44
maker-12-augustus-gene-135.2-mRNA-1	Japonica	NA		Os12g0420200	OsR498G1221412700.01.T01	Chloroplast stem-loop binding protein like
maker-12-augustus-gene-138.36-mRNA-1	Japonica	NA		Os01g0284200	OsR498G0100683700.01.T01	
maker-12-augustus-gene-14.0-mRNA-1	Japonica	NA		Os12g0128700	OsR498G1220874100.01.T06	Non-reducing end alpha-L-arabinofuranosidase
maker-12-augustus-gene-14.14-mRNA-1	Japonica	NA		Os11g0132600	OsR498G1119370100.01.T06	Non-reducing end alpha-L-arabinofuranosidase
maker-12-augustus-gene-14.18-mRNA-1	Japonica	NA			OsR498G1220876500.01.T01	Zinc finger, CCCH-type
maker-12-augustus-gene-14.21-mRNA-1	Japonica	NA			OsR498G1220873000.01.T04	Peroxisomal membrane 22 kDa family protein isoform 2
maker-12-augustus-gene-14.26-mRNA-1	Japonica	NA		Os12g0128600	OsR498G1220874000.01.T02	Mitochondrial import inner membrane translocase subunit
maker-12-augustus-gene-14.28-mRNA-1	Japonica	Japonica		Os12g0129000	OsR498G1220874600.01.T01	Transmembrane protein 230
maker-12-augustus-gene-14.6-mRNA-1	Japonica	NA		Os12g0128800	OsR498G1220874300.01.T01	Non-reducing end alpha-L-arabinofuranosidase
maker-12-augustus-gene-15.46-mRNA-1	Japonica	NA	Kinase-TM	Os12g0130200	OsR498G1220880500.01.T01	Receptor-like serine/threonine-protein kinase

maker-12-augustus-gene-15.49-mRNA-1	Japonica	NA		Os12g0131200	OsR498G1220885500.01.T01	S-acyltransferase
maker-12-augustus-gene-15.54-mRNA-1	Japonica	Japonica		Os12g0131300	OsR498G1119370400.01.T05	Aladin
maker-12-augustus-gene-15.56-mRNA-1	Japonica	NA		Os12g0131500		Putative resistance protein (Fragment)
maker-12-augustus-gene-15.58-mRNA-1	Japonica	NA				
maker-12-augustus-gene-15.61-mRNA-1	Japonica	NA		Os12g0130900	OsR498G1220884800.01.T01	X8 domain-containing protein (Fragment)
maker-12-augustus-gene-15.62-mRNA-1	Japonica	NA			OsR498G1220885200.01.T01	Glutamine--fructose-6-phosphate transaminase (isomerizing)
maker-12-augustus-gene-15.71-mRNA-1	Japonica	Japonica		Os12g0131400	OsR498G1220885800.01.T01	Glucosamine fructose-6-phosphate aminotransferase1
maker-12-augustus-gene-15.73-mRNA-1	Japonica	Indica		Os12g0131600	OsR498G1220879500.01.T01	Phloem protein 2-6
maker-12-augustus-gene-151.23-mRNA-1	Japonica	NA			OsR498G1221469100.01.T04	Acyl-[acyl-carrier-protein]--UDP-N-acetylglucosamine O-acyltransferase
maker-12-augustus-gene-151.27-mRNA-1	Japonica	NA				Serine proteinase inhibitor
maker-12-augustus-gene-151.29-mRNA-1	Japonica	NA		Os12g0438000	OsR498G1221468200.01.T01	
maker-12-augustus-gene-151.31-mRNA-1	Japonica	NA		Os12g0438100		
maker-12-augustus-gene-152.31-mRNA-1	Japonica	NA		Os12g0438600	OsR498G1221471600.01.T01	Chloride channel protein CLC-a
maker-12-augustus-gene-152.32-mRNA-1	Japonica	Indica		Os12g0438600	OsR498G1221471600.01.T02	Chloride channel protein CLC-a
maker-12-augustus-gene-152.37-mRNA-1	Japonica	NA			OsR498G1221475600.01.T01	
maker-12-augustus-gene-154.0-mRNA-1	Japonica	Indica		Os12g0445200	OsR498G1221486600.01.T01	O-methyltransferase ZRP4
maker-12-augustus-gene-154.2-mRNA-1	Japonica	Indica		Os12g0444800	OsR498G1221488200.01.T01	O-methyltransferase ZRP4-like
maker-12-augustus-gene-155.18-mRNA-1	Japonica	NA		Os12g0442800	OsR498G1221505500.01.T01	Sulfite oxidase
maker-12-augustus-gene-155.22-mRNA-1	Japonica	NA		Os12g0442900	OsR498G1221505100.01.T03	DET1- and DDB1-associated protein 1
maker-12-augustus-gene-156.0-mRNA-1	Japonica	NA				KDEL-tailed cysteine endopeptidase CEP3
maker-12-augustus-gene-156.10-mRNA-1	Japonica	NA			OsR498G1221499700.01.T01	ATPase family AAA domain-containing protein FIGL1
maker-12-augustus-gene-156.2-mRNA-1	Japonica	NA		Os12g0443700	OsR498G1221500100.01.T01	Prolyl-tRNA synthetase
maker-12-augustus-gene-157.0-mRNA-1	Japonica	Japonica		Os12g0444800	OsR498G1221494600.01.T01	O-methyltransferase ZRP4-like
maker-12-augustus-gene-157.2-mRNA-1	Japonica	Japonica		Os12g0445200	OsR498G1221486600.01.T01	O-methyltransferase ZRP4
maker-12-augustus-gene-158.28-mRNA-1	Japonica	NA			OsR498G1221506900.01.T03	Bifunctional dihydrofolate reductase-thymidylate synthase
maker-12-augustus-gene-158.33-mRNA-1	Japonica	NA		Os12g0446700	OsR498G1221506800.01.T02	Autophagy-related protein 101
maker-12-augustus-gene-16.0-mRNA-1	Japonica	NA	Kinase-TM	Os12g0132200	OsR498G1119377100.01.T07	Non-specific serine/threonine protein kinase
maker-12-augustus-gene-16.11-mRNA-1	Japonica	NA		Os12g0132300	OsR498G1220890000.01.T01	Putative calmodulin-like protein 2
maker-12-augustus-gene-16.12-mRNA-1	Japonica	NA		Os11g0134500	OsR498G1220890200.01.T02	Glutamate-rich WD repeat-containing protein 1
maker-12-augustus-gene-16.19-mRNA-1	Japonica	NA				MFS domain-containing protein
maker-12-augustus-gene-16.28-mRNA-1	Japonica	NA		Os12g0132800	OsR498G1220890400.01.T05	Major facilitator superfamily antiporter
maker-12-augustus-gene-16.42-mRNA-1	Japonica	NA		Os12g0133000	OsR498G1220891200.01.T01	Major facilitator superfamily antiporter
maker-12-augustus-gene-16.47-mRNA-1	Japonica	Indica		Os08g0130500	OsR498G1220891400.01.T01	60S acidic ribosomal protein P0
maker-12-augustus-gene-16.53-mRNA-1	Japonica	NA		Os11g0135900	OsR498G1220891600.01.T02	Transporter, putative, expressed
maker-12-augustus-gene-16.6-mRNA-1	Japonica	NA		Os12g0131900	OsR498G1220889000.01.T01	Rhamnogalacturonan endolyase
maker-12-augustus-gene-160.0-mRNA-1	Japonica	NA		Os12g0448900	OsR498G1221518200.01.T03	Alpha-dioxygenase, putative, expressed
maker-12-augustus-gene-161.29-mRNA-1	Japonica	NA			OsR498G1221520300.01.T01	Dirigent protein (Fragment)
maker-12-augustus-gene-161.32-mRNA-1	Japonica	NA				Retrotransposon protein, putative, unclassified
maker-12-augustus-gene-166.0-mRNA-1	Japonica	NA		Os12g0454600	OsR498G1221535900.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-12-augustus-gene-167.0-mRNA-1	Japonica	NA			OsR498G1221542300.01.T06	Nuclear pore complex protein NUP1
maker-12-augustus-gene-167.3-mRNA-1	Japonica	NA		Os12g0456200	OsR498G1221541200.01.T01	Iron-sulfur cluster co-chaperone protein HscB, mitochondrial
maker-12-augustus-gene-169.0-mRNA-1	Japonica	Indica		Os12g0458100	OsR498G1221544200.01.T01	Acyl transferase 1
maker-12-augustus-gene-169.2-mRNA-1	Japonica	NA		Os12g0458100	OsR498G1221546000.01.T01	Acyl transferase 1
maker-12-augustus-gene-169.4-mRNA-1	Japonica	NA		Os12g0458100	OsR498G1221546000.01.T01	Benzyl alcohol O-benzoyltransferase
maker-12-augustus-gene-169.5-mRNA-1	Japonica	NA				Acyl transferase 1
maker-12-augustus-gene-17.27-mRNA-1	Japonica	Japonica		Os12g0518200	OsR498G1220892100.01.T01	
maker-12-augustus-gene-17.30-mRNA-1	Japonica	NA		Os12g0133400	OsR498G1220892700.01.T02	L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase
maker-12-augustus-gene-17.34-mRNA-1	Japonica	Japonica	Kinase-TM	Os12g0133500	OsR498G1119382300.01.T01	Calcium-dependent protein kinase
maker-12-augustus-gene-17.55-mRNA-1	Japonica	NA				Carbohydrate transporter/ sugar porter/ transporter
maker-12-augustus-gene-17.58-mRNA-1	Japonica	NA		Os11g0136701		Guanine nucleotide-binding protein G(T) subunit alpha-3 like
maker-12-augustus-gene-17.62-mRNA-1	Japonica	NA		Os12g0133700	OsR498G1220893400.01.T01	Protein-tyrosine-phosphatase
maker-12-augustus-gene-17.67-mRNA-1	Japonica	NA		Os11g0137000	OsR498G1220894000.01.T01	Auxin efflux carrier component
maker-12-augustus-gene-17.69-mRNA-1	Japonica	NA		Os12g0133900	OsR498G1220894600.01.T01	U3 small nucleolar ribonucleoprotein protein MPP10
maker-12-augustus-gene-170.4-mRNA-1	Japonica	NA		Os07g0485900	OsR498G0100084400.01.T01	Transposon protein, putative, Mutator sub-class
maker-12-augustus-gene-171.0-mRNA-1	Japonica	Indica		Os01g0837900	OsR498G1221553400.01.T03	Serinethreonine-protein kinase afc2
maker-12-augustus-gene-173.36-mRNA-1	Japonica	NA		Os09g0348800		Transposon protein, putative, CACTA, En/Spm sub-class, expressed
maker-12-augustus-gene-173.40-mRNA-1	Japonica	Japonica		Os12g0464400	OsR498G1221563700.01.T01	11-beta-hydroxysteroid dehydrogenase-like 5 isoform X1
maker-12-augustus-gene-173.42-mRNA-1	Japonica	NA		Os05g0269800	OsR498G0409509300.01.T01	DDE Tnp4 domain-containing protein
maker-12-augustus-gene-174.0-mRNA-1	Japonica	Indica		Os12g0465100	OsR498G1221566500.01.T01	
maker-12-augustus-gene-174.2-mRNA-1	Japonica	NA		Os12g0465100	OsR498G1221566900.01.T01	Acetylglucosaminyltransferase family protein
maker-12-augustus-gene-174.4-mRNA-1	Japonica	NA			OsR498G1221568200.01.T01	GLTSCR1 domain-containing protein (Fragment)

maker-12-augustus-gene-176.28-mRNA-1	Japonica	Indica		Os03g0646300	OsR498G1221573200.01.T01	Cyclic nucleotide-gated ion channel 9
maker-12-augustus-gene-176.31-mRNA-1	Japonica	NA		Os12g0468600	OsR498G1221572900.01.T01	5-methylthioadenosine/S-adenosylhomocysteine deaminase-like isoform X1
maker-12-augustus-gene-179.0-mRNA-1	Japonica	NA		Os12g0471100	OsR498G1221576100.01.T01	Adenosinetriphosphatase
maker-12-augustus-gene-179.3-mRNA-1	Japonica	NA		Os12g0472800	OsR498G1221580600.01.T01	Pollen-specific protein-like
maker-12-augustus-gene-182.24-mRNA-1	Japonica	Indica		Os11g0508600	OsR498G1221587200.01.T01	Bidirectional sugar transporter SWEET
maker-12-augustus-gene-183.27-mRNA-1	Japonica	NA		Os12g0477400	OsR498G1221589500.01.T01	NAC domain-containing protein 83
maker-12-augustus-gene-183.29-mRNA-1	Japonica	NA			OsR498G1221591100.01.T01	Neprosin domain-containing protein
maker-12-augustus-gene-183.31-mRNA-1	Japonica	NA		Os12g0477600		Putative ribosomal protein L31
maker-12-augustus-gene-183.33-mRNA-1	Japonica	NA			OsR498G1221590800.01.T02	DNA binding,ATP binding protein
maker-12-augustus-gene-184.25-mRNA-1	Japonica	Indica		Os09g0466300	OsR498G1221591800.01.T01	GRAM domain-containing protein / ABA-responsive
maker-12-augustus-gene-184.27-mRNA-1	Japonica	NA		Os12g0479100	OsR498G1221596400.01.T01	Extensin isoform X1
maker-12-augustus-gene-185.18-mRNA-1	Japonica	NA		Os12g0479900	OsR498G1221601700.01.T01	Aminopeptidase
maker-12-augustus-gene-185.24-mRNA-1	Japonica	NA				S-acyltransferase
maker-12-augustus-gene-185.29-mRNA-1	Japonica	NA		Os12g0480100	OsR498G1221602100.01.T02	High-light-induced protein chloroplastic
maker-12-augustus-gene-185.32-mRNA-1	Japonica	NA		Os11g0523800	OsR498G1120245800.01.T03	Auxin response factor
maker-12-augustus-gene-185.37-mRNA-1	Japonica	Indica	Kinase	Os12g0480200	OsR498G1221602400.01.T01	Serine/threonine-protein kinase KIPK
maker-12-augustus-gene-186.37-mRNA-1	Japonica	Indica		Os12g0481200	OsR498G1221605700.01.T01	Putative Histone-lysine N-methyltransferase SUV420H14-20
maker-12-augustus-gene-186.42-mRNA-1	Japonica	Indica		Os11g0543300	OsR498G1221605200.01.T01	
maker-12-augustus-gene-186.44-mRNA-1	Japonica	NA		Os12g0481100	OsR498G1221605600.01.T01	DEAD-box ATP-dependent RNA helicase
maker-12-augustus-gene-186.49-mRNA-1	Japonica	Japonica		Os12g0482500	OsR498G1221614600.01.T01	GTD-binding domain-containing protein (Fragment)
maker-12-augustus-gene-187.37-mRNA-1	Japonica	NA		Os12g0482700	OsR498G1221615000.01.T01	L-galactose dehydrogenase
maker-12-augustus-gene-188.13-mRNA-1	Japonica	NA		Os12g0485000	OsR498G1221621600.01.T02	Probable tRNA N6-adenosine threonylcarbamoyltransferase, mitochondrial
maker-12-augustus-gene-188.18-mRNA-1	Japonica	NA		Os12g0485500	OsR498G1221623000.01.T01	Iron-sulfur assembly protein IscA-like 1 mitochondrial
maker-12-augustus-gene-188.2-mRNA-1	Japonica	NA		Os12g0485400	OsR498G1221622500.01.T02	Cyclin-T1-5 like
maker-12-augustus-gene-188.20-mRNA-1	Japonica	NA		Os12g0485600	OsR498G1221624200.01.T01	Lysine histidine transporter-like protein 8
maker-12-augustus-gene-188.7-mRNA-1	Japonica	NA		Os12g0484700	OsR498G1221620800.01.T01	Yippee domain-containing protein
maker-12-augustus-gene-189.12-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os12g0485900	OsR498G1221625000.01.T01	NB-ARC domain, putative
maker-12-augustus-gene-19.52-mRNA-1	Japonica	NA		Os08g0343300	OsR498G1119384700.01.T01	Transcription initiation factor IIE subunit alpha
maker-12-augustus-gene-19.53-mRNA-1	Japonica	NA			OsR498G1119384700.01.T01	Transcription initiation factor IIE subunit alpha
maker-12-augustus-gene-19.56-mRNA-1	Japonica	NA		Os12g0136200	OsR498G1220899700.01.T01	Heterogeneous nuclear ribonucleoprotein Q
maker-12-augustus-gene-19.62-mRNA-1	Japonica	Indica		Os11g0137300	OsR498G1220895400.01.T01	proteasome-associated protein ECM29 homolog
maker-12-augustus-gene-19.73-mRNA-1	Japonica	NA				Phosphoglycerate mutase family protein, expressed
maker-12-augustus-gene-19.78-mRNA-1	Japonica	NA		Os11g0138600	OsR498G1220897400.01.T02	Phosphoglycerate mutase gpmB
maker-12-augustus-gene-19.83-mRNA-1	Japonica	NA		Os11g0139100	OsR498G1220899400.01.T01	KOW domain-containing protein
maker-12-augustus-gene-190.28-mRNA-1	Japonica	NA		Os12g0486600	OsR498G1221633300.01.T01	Nuclear pore complex protein NUP1-like
maker-12-augustus-gene-190.29-mRNA-1	Japonica	NA		Os12g0486600	OsR498G1221633300.01.T01	Calcium-dependent calmodulin-independent protein kinase
maker-12-augustus-gene-190.35-mRNA-1	Japonica	Japonica	Kinase-TM	Os12g0486900	OsR498G1221633900.01.T01	receptor-like serine/threonine-protein kinase ALE2 isoform X2
maker-12-augustus-gene-192.30-mRNA-1	Japonica	Japonica		Os12g0488600	OsR498G1120417100.01.T01	50S ribosomal protein L4
maker-12-augustus-gene-192.32-mRNA-1	Japonica	NA		Os12g0488700	OsR498G1221645100.01.T01	Myosin-binding protein 7
maker-12-augustus-gene-192.34-mRNA-1	Japonica	NA			OsR498G1221646900.01.T05	Ubiquitinyl hydrolase 1
maker-12-augustus-gene-192.41-mRNA-1	Japonica	NA			OsR498G1119369600.01.T06	PMEL domain-containing protein
maker-12-augustus-gene-192.43-mRNA-1	Japonica	NA				DNA-directed RNA polymerase III subunit RPC9
maker-12-augustus-gene-192.50-mRNA-1	Japonica	NA		Os12g0489300	OsR498G1221647600.01.T01	Putative DNA/RNA-binding protein Alba
maker-12-augustus-gene-194.20-mRNA-1	Japonica	NA		Os12g0492900		F-box domain containing protein, expressed
maker-12-augustus-gene-194.22-mRNA-1	Japonica	Indica		Os12g0491800	OsR498G1221651000.01.T01	Kaurene synthase3
maker-12-augustus-gene-194.24-mRNA-1	Japonica	NA		Os12g0491800	OsR498G1221651400.01.T02	Ent-kaurene synthase like 4
maker-12-augustus-gene-195.41-mRNA-1	Japonica	NA		Os12g0493900	OsR498G1221652500.01.T01	Maternal protein pumilio
maker-12-augustus-gene-195.44-mRNA-1	Japonica	NA		Os10g0199200	OsR498G1018346900.01.T03	
maker-12-augustus-gene-196.0-mRNA-1	Japonica	NA	CC-NBS-TM	Os12g0495600	OsR498G1221658200.01.T01	Putative CC-NBS-LRR resistance protein MLA13
maker-12-augustus-gene-197.0-mRNA-1	Japonica	NA	NBS-TM		OsR498G1221658300.01.T01	NB-ARC domain containing protein, expressed
maker-12-augustus-gene-197.2-mRNA-1	Japonica	NA				Phototropic-responsive NPH3 family protein
maker-12-augustus-gene-197.3-mRNA-1	Japonica	NA			OsR498G1221660800.01.T01	FBD domain-containing protein (Fragment)
maker-12-augustus-gene-197.5-mRNA-1	Japonica	NA		Os12g0496900	OsR498G1221661000.01.T01	GRF1-interacting factor 3 isoform B
maker-12-augustus-gene-197.8-mRNA-1	Japonica	Indica		Os12g0497400	OsR498G1221661600.01.T01	elf-2B GDP-GTP exchange factor subunit alpha
maker-12-augustus-gene-198.0-mRNA-1	Japonica	NA				BHLH domain-containing protein (Fragment)
maker-12-augustus-gene-198.11-mRNA-1	Japonica	NA		Os12g0498700	OsR498G1221664300.01.T01	GPI mannosyltransferase 2
maker-12-augustus-gene-198.18-mRNA-1	Japonica	NA		Os12g0498400	OsR498G1221663000.01.T02	Plastid division regulator MinE
maker-12-augustus-gene-198.2-mRNA-1	Japonica	Indica		Os05g0482600	OsR498G1221662700.01.T01	
maker-12-augustus-gene-198.20-mRNA-1	Japonica	NA			OsR498G1221663400.01.T01	NADPH-quinone oxidoreductase subunit U, chloroplastic
maker-12-augustus-gene-198.24-mRNA-1	Japonica	NA		Os12g0498800	OsR498G1221665000.01.T01	
maker-12-augustus-gene-199.0-mRNA-1	Japonica	NA		Os12g0500700	OsR498G1221667300.01.T05	Vacuolar protein sorting-associated protein 26

maker-12-augustus-gene-2.66-mRNA-1	Japonica	NA		Os12g0104300	OsR498G1220794300.01.T01	Double CLP-N motif-containing P-loop nucleoside triphosphate hydrolases s
maker-12-augustus-gene-20.40-mRNA-1	Japonica	NA		Os12g0136900	OsR498G1220901700.01.T01	Calcium-transporting ATPase
maker-12-augustus-gene-20.46-mRNA-1	Japonica	NA			OsR498G1220903100.01.T07	Kallikrein-2 like
maker-12-augustus-gene-20.55-mRNA-1	Japonica	Indica		Os11g0140900	OsR498G1220903700.01.T01	Bromodomain-containing protein
maker-12-augustus-gene-20.57-mRNA-1	Japonica	NA		Os12g0137500	OsR498G1220904300.01.T01	PP2A regulatory subunit like
maker-12-augustus-gene-20.65-mRNA-1	Japonica	NA		Os11g0141900	OsR498G1220907100.01.T01	BTB/POZ domain and ankyrin repeat-containing protein NH5.2
maker-12-augustus-gene-20.68-mRNA-1	Japonica	Indica		Os11g0140100	OsR498G1220901400.01.T01	Mitochondrial acidic protein mam33
maker-12-augustus-gene-20.71-mRNA-1	Japonica	Indica		Os12g0137100	OsR498G1220902400.01.T01	probable calcium-binding protein CML49
maker-12-augustus-gene-20.76-mRNA-1	Japonica	NA			OsR498G1220903400.01.T01	Cytochrome c-type biogenesis ccda chloroplastic protein isoform 1
maker-12-augustus-gene-200.27-mRNA-1	Japonica	NA		Os08g0402700		ZF-HD dimerization-type domain-containing protein
maker-12-augustus-gene-200.32-mRNA-1	Japonica	NA		Os12g0502500	OsR498G1221671900.01.T01	Nitrilase-like protein 2 isoform A
maker-12-augustus-gene-200.35-mRNA-1	Japonica	NA		Os12g0502700	OsR498G1221672300.01.T02	DnaJ domain containing protein, expressed
maker-12-augustus-gene-200.38-mRNA-1	Japonica	Japonica		Os12g0501400	OsR498G1221669000.01.T02	Usp domain-containing protein (Fragment)
maker-12-augustus-gene-200.41-mRNA-1	Japonica	Japonica		Os12g0501700	OsR498G1221669400.01.T01	Agamous-like MADS-box protein AGL8
maker-12-augustus-gene-200.45-mRNA-1	Japonica	NA		Os12g0502000	OsR498G1221670000.01.T02	Non-structural polyprotein 1AB
maker-12-augustus-gene-200.47-mRNA-1	Japonica	NA		Os12g0502100		SKIP interacting protein 15
maker-12-augustus-gene-200.50-mRNA-1	Japonica	NA		Os12g0502300	OsR498G1221671000.01.T01	Cyclin N-terminal domain-containing protein
maker-12-augustus-gene-200.54-mRNA-1	Japonica	NA		Os12g0502400	OsR498G1221671600.01.T01	O-phosphoserine phosphohydrolase
maker-12-augustus-gene-200.62-mRNA-1	Japonica	NA		Os12g0502800	OsR498G1221672600.01.T01	Ureide permease
maker-12-augustus-gene-201.28-mRNA-1	Japonica	NA			OsR498G1221673100.01.T04	Translation initiation factor
maker-12-augustus-gene-201.31-mRNA-1	Japonica	NA		Os12g0503000	OsR498G1221672800.01.T02	Ureide permease
maker-12-augustus-gene-201.38-mRNA-1	Japonica	NA		Os12g0503300		Ureide permease
maker-12-augustus-gene-203.0-mRNA-1	Japonica	NA		Os12g0506700	OsR498G1221685500.01.T01	
maker-12-augustus-gene-203.12-mRNA-1	Japonica	NA		Os12g0507200	OsR498G1221687500.01.T01	Eukaryotic translation initiation factor 5A
maker-12-augustus-gene-203.16-mRNA-1	Japonica	NA		Os12g0507300	OsR498G1221688500.01.T01	WRKY domain class transcription factor
maker-12-augustus-gene-203.20-mRNA-1	Japonica	NA		Os03g0666200	OsR498G1119668000.01.T01	differentially expressed in FDCP 6 homolog isoform X1
maker-12-augustus-gene-203.9-mRNA-1	Japonica	NA		Os12g0507000	OsR498G1221686500.01.T07	GTP 3',8-cyclase
maker-12-augustus-gene-204.34-mRNA-1	Japonica	NA			OsR498G1221689700.01.T08	Protein TRIGALACTOSYLDIACYLGLYCEROL 5 chloroplastic
maker-12-augustus-gene-204.36-mRNA-1	Japonica	NA		Os12g0507900		DUF223 domain-containing protein
maker-12-augustus-gene-204.39-mRNA-1	Japonica	Japonica		Os12g0508100	OsR498G1221690700.01.T01	Peroxisomal membrane protein MPV17
maker-12-augustus-gene-204.41-mRNA-1	Japonica	NA			OsR498G1221691900.01.T01	Ribosomal protein S14p/S29e containing protein, expressed
maker-12-augustus-gene-204.43-mRNA-1	Japonica	NA			OsR498G1221692700.01.T01	Transcription factor bHLH85 like
maker-12-augustus-gene-204.46-mRNA-1	Japonica	NA			OsR498G1221689600.01.T02	SWIB domain-containing protein
maker-12-augustus-gene-204.49-mRNA-1	Japonica	NA		Os12g0507700		
maker-12-augustus-gene-204.51-mRNA-1	Japonica	NA		Os12g0508200	OsR498G1221691000.01.T01	
maker-12-augustus-gene-204.53-mRNA-1	Japonica	NA		Os12g0508266	OsR498G1221691800.01.T01	UBP-type domain-containing protein (Fragment)
maker-12-augustus-gene-204.55-mRNA-1	Japonica	NA		Os12g0508900		
maker-12-augustus-gene-205.0-mRNA-1	Japonica	NA				
maker-12-augustus-gene-205.13-mRNA-1	Japonica	Japonica		Os12g0509300	OsR498G1221697300.01.T01	
maker-12-augustus-gene-205.16-mRNA-1	Japonica	NA			OsR498G1221699600.01.T05	
maker-12-augustus-gene-205.18-mRNA-1	Japonica	NA		Os12g0510200		No pollen germination related 1
maker-12-augustus-gene-205.3-mRNA-1	Japonica	NA		Os12g0509600		
maker-12-augustus-gene-205.5-mRNA-1	Japonica	NA		Os12g0510000		
maker-12-augustus-gene-205.9-mRNA-1	Japonica	NA			OsR498G1221702100.01.T01	Transcription factor LIM
maker-12-augustus-gene-206.21-mRNA-1	Japonica	Japonica		Os12g0511200	OsR498G1221702900.01.T01	Heptahelical transmembrane protein 5
maker-12-augustus-gene-206.23-mRNA-1	Japonica	NA		Os12g0511300	OsR498G1221703100.01.T02	CRT-like domain-containing protein (Fragment)
maker-12-augustus-gene-206.26-mRNA-1	Japonica	NA			OsR498G1221702600.01.T01	F-box domain containing protein, expressed
maker-12-augustus-gene-206.28-mRNA-1	Japonica	NA	NBS-TM	Os12g0511400	OsR498G1221703400.01.T01	NB-ARC domain containing protein, expressed
maker-12-augustus-gene-206.31-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G1221703800.01.T01	NB-ARC domain containing protein, expressed
maker-12-augustus-gene-206.34-mRNA-1	Japonica	Indica	CC-NBS-TM	Os12g0511400	OsR498G1221704000.01.T02	NB-ARC domain containing protein, expressed
maker-12-augustus-gene-206.36-mRNA-1	Japonica	NA	NBS-TM			NB-ARC domain containing protein, expressed
maker-12-augustus-gene-207.32-mRNA-1	Japonica	Japonica		Os12g0512000	OsR498G1221704700.01.T01	Flavin-containing monooxygenase
maker-12-augustus-gene-207.34-mRNA-1	Japonica	NA		Os12g0512200		Transposon protein, putative, Mariner sub-class
maker-12-augustus-gene-207.37-mRNA-1	Japonica	NA	NBS-TM		OsR498G1221704200.01.T01	NB-ARC domain containing protein, expressed
maker-12-augustus-gene-207.55-mRNA-1	Japonica	Indica		Os03g0850200	OsR498G1221706400.01.T01	4-hydroxyphenylacetaldehyde oxime monooxygenase
maker-12-augustus-gene-208.39-mRNA-1	Japonica	NA				Mitochondrial inner membrane translocase subunit
maker-12-augustus-gene-208.41-mRNA-1	Japonica	NA		Os12g0514000	OsR498G1221708200.01.T01	Polyol transporter 5
maker-12-augustus-gene-208.43-mRNA-1	Japonica	NA			OsR498G1221709000.01.T01	Stress-associated endoplasmic reticulum protein 2
maker-12-augustus-gene-208.46-mRNA-1	Japonica	NA			OsR498G1221710000.01.T02	PHD domain-containing protein (Fragment)
maker-12-augustus-gene-208.48-mRNA-1	Japonica	NA		Os12g0514500	OsR498G1221710800.01.T01	Heat shock protein 90-6 mitochondrial
maker-12-augustus-gene-208.54-mRNA-1	Japonica	NA		Os12g0514600	OsR498G1221711000.01.T01	SAM domain-containing protein (Fragment)

maker-12-augustus-gene-209.28-mRNA-1	Japonica	NA		Os12g0515300	OsR498G1221715000.01.T01	Transcription factor like
maker-12-augustus-gene-21.50-mRNA-1	Japonica	NA		Os12g0138800	OsR498G1220908500.01.T01	Dimethylnonatriene synthase
maker-12-augustus-gene-21.52-mRNA-1	Japonica	Indica		Os11g0142400	OsR498G1220908900.01.T01	Strictosidine synthase
maker-12-augustus-gene-21.55-mRNA-1	Japonica	NA		Os12g0138900	OsR498G1220909100.01.T02	2-isopropylmalate synthase 1 chloroplastic
maker-12-augustus-gene-21.65-mRNA-1	Japonica	NA				MFS domain-containing protein (Fragment)
maker-12-augustus-gene-21.67-mRNA-1	Japonica	NA		Os12g0139300	OsR498G1220910200.01.T01	CPD brassinosteroid C-23 hydroxylase
maker-12-augustus-gene-21.70-mRNA-1	Japonica	NA		Os12g0139500	OsR498G1220911200.01.T01	RNA polymerase Rpb5, N-terminal domain containing protein, expressed
maker-12-augustus-gene-21.73-mRNA-1	Japonica	NA		Os11g0143500	OsR498G1220911800.01.T01	Mitochondrial L-galactono-1,4-lactone dehydrogenase
maker-12-augustus-gene-21.78-mRNA-1	Japonica	NA				Transcription initiation factor IIE subunit alpha
maker-12-augustus-gene-21.84-mRNA-1	Japonica	Japonica		Os12g0140300	OsR498G1220913400.01.T01	
maker-12-augustus-gene-216.57-mRNA-1	Japonica	Indica		Os01g0375200	OsR498G1221758000.01.T05	Shikimate biosynthesis protein aroDE
maker-12-augustus-gene-22.34-mRNA-1	Japonica	NA			OsR498G1119556100.01.T01	Transposon mutator sub-class
maker-12-augustus-gene-22.37-mRNA-1	Japonica	NA		Os12g0141100	OsR498G1220916400.01.T02	Phosphatidylinositol 4-phosphate 5-kinase
maker-12-augustus-gene-22.39-mRNA-1	Japonica	Indica		Os01g0776500	OsR498G1220917600.01.T01	
maker-12-augustus-gene-220.24-mRNA-1	Japonica	Indica		Os12g0540700	OsR498G1221784900.01.T02	Dynein beta chain, ciliary protein
maker-12-augustus-gene-220.27-mRNA-1	Japonica	NA		Os12g0540800	OsR498G1221784900.01.T04	Acyl-CoA-binding domain-containing protein 4-like isoform X2
maker-12-augustus-gene-220.41-mRNA-1	Japonica	NA		Os12g0541500	OsR498G1221787900.01.T03	Elongation factor Ts, mitochondrial
maker-12-augustus-gene-220.43-mRNA-1	Japonica	NA		Os12g0540900	OsR498G1221785200.01.T01	Tryptophanyl-tRNA synthetase
maker-12-augustus-gene-226.8-mRNA-1	Japonica	NA				
maker-12-augustus-gene-228.36-mRNA-1	Japonica	NA		Os12g0553900	OsR498G1221857500.01.T01	splicing regulatory glutamine/lysine-rich protein 1
maker-12-augustus-gene-228.50-mRNA-1	Japonica	NA		Os12g0516800	OsR498G1221857800.01.T03	Trichome birefringence-like 16
maker-12-augustus-gene-229.17-mRNA-1	Japonica	NA		Os12g0556300	OsR498G1221865700.01.T02	Calmodulin-binding protein, putative, expressed
maker-12-augustus-gene-229.19-mRNA-1	Japonica	Japonica		Os12g0556400	OsR498G1221865900.01.T02	Putative Magnesium transporter
maker-12-augustus-gene-229.21-mRNA-1	Japonica	NA		Os12g0556500	OsR498G1221866100.01.T02	Calmodulin-binding protein, putative, expressed
maker-12-augustus-gene-229.25-mRNA-1	Japonica	Indica		Os06g0336500	OsR498G1221863800.01.T01	Cellulose synthase-like protein D4
maker-12-augustus-gene-229.27-mRNA-1	Japonica	NA		Os12g0556600	OsR498G1221866400.01.T01	CTP synthase
maker-12-augustus-gene-229.4-mRNA-1	Japonica	Japonica		Os12g0555400	OsR498G1221863300.01.T01	Galactinol-raffinose galactosyltransferase
maker-12-augustus-gene-229.6-mRNA-1	Japonica	NA		Os12g0555500	OsR498G1221863500.01.T01	Major allergen Api g 1, isoallergen 1-like
maker-12-augustus-gene-23.0-mRNA-1	Japonica	NA		Os12g0143200	OsR498G1220920500.01.T01	Set1/Ash2 histone methyltransferase complex subunit ASH2
maker-12-augustus-gene-23.14-mRNA-1	Japonica	NA		Os12g0143800	OsR498G1220924800.01.T03	DNA meiotic recombinase 1
maker-12-augustus-gene-23.19-mRNA-1	Japonica	NA		Os12g0143900	OsR498G1220925600.01.T03	Long chain acyl-CoA synthetase 6 peroxisomal
maker-12-augustus-gene-23.2-mRNA-1	Japonica	Indica		Os11g0147100	OsR498G1220925900.01.T01	R3H-associated N-terminal domain-containing protein
maker-12-augustus-gene-23.7-mRNA-1	Japonica	Japonica		Os12g0143400	OsR498G1119407400.01.T02	Suppressor of mec-8 and unc-52 protein 2
maker-12-augustus-gene-230.0-mRNA-1	Japonica	NA		Os12g0557900	OsR498G1221868900.01.T02	FBD domain-containing protein (Fragment)
maker-12-augustus-gene-230.3-mRNA-1	Japonica	NA		Os12g0557400	OsR498G1221867600.01.T01	Transmembrane protein 205
maker-12-augustus-gene-231.30-mRNA-1	Japonica	NA		Os12g0559200	OsR498G1221874400.01.T02	Lipoxygenase
maker-12-augustus-gene-231.39-mRNA-1	Japonica	NA	CC-NBS-TM	Os12g0559500	OsR498G1221875800.01.T01	Disease resistance protein RPP13
maker-12-augustus-gene-232.31-mRNA-1	Japonica	Indica		Os12g0559200	OsR498G1221876500.01.T01	Lipoxygenase
maker-12-augustus-gene-232.38-mRNA-1	Japonica	NA		Os12g0560400	OsR498G1221877300.01.T01	DNA-directed RNA polymerase subunit
maker-12-augustus-gene-232.41-mRNA-1	Japonica	NA		Os12g0560600	OsR498G1221877900.01.T01	Ubiquitin-conjugating enzyme E2 37
maker-12-augustus-gene-232.44-mRNA-1	Japonica	NA		Os12g0560300	OsR498G1221877200.01.T01	GTP-binding protein SAR1A
maker-12-augustus-gene-232.47-mRNA-1	Japonica	NA		Os12g0560500	OsR498G1221877800.01.T01	RNA pseudourine synthase 1
maker-12-augustus-gene-232.49-mRNA-1	Japonica	NA		Os12g0560700	OsR498G1221878200.01.T02	DNA replication licensing factor MCM7
maker-12-augustus-gene-232.53-mRNA-1	Japonica	Indica		Os12g0561000	OsR498G1221879000.01.T01	Cytochrome c oxidase polypeptide Vc
maker-12-augustus-gene-232.55-mRNA-1	Japonica	Indica		Os12g0561200	OsR498G1221879200.01.T02	PAPA-1 domain-containing protein (Fragment)
maker-12-augustus-gene-233.0-mRNA-1	Japonica	Indica		Os12g0562000	OsR498G1221881500.01.T02	
maker-12-augustus-gene-233.2-mRNA-1	Japonica	NA			OsR498G1221882700.01.T03	Smr domain-containing protein (Fragment)
maker-12-augustus-gene-233.24-mRNA-1	Japonica	NA		Os12g0562100	OsR498G1221882000.01.T04	Solute carrier family 40 member 2, chloroplastic
maker-12-augustus-gene-234.53-mRNA-1	Japonica	NA		Os12g0563000	OsR498G1221886900.01.T01	PlsC domain-containing protein (Fragment)
maker-12-augustus-gene-234.75-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os12g0565100	OsR498G1221893300.01.T01	NB-ARC domain containing protein, expressed
maker-12-augustus-gene-234.79-mRNA-1	Japonica	NA		Os12g0563700	OsR498G1221889200.01.T01	Pectinesterase
maker-12-augustus-gene-234.83-mRNA-1	Japonica	NA			OsR498G1221890200.01.T01	Transcription factor MYB21
maker-12-augustus-gene-234.92-mRNA-1	Japonica	NA	NBS-TM	Os12g0564800	OsR498G1221892000.01.T02	NB-ARC domain containing protein expressed
maker-12-augustus-gene-235.0-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os12g0565200	OsR498G1221893900.01.T01	NB-ARC domain containing protein, expressed
maker-12-augustus-gene-235.10-mRNA-1	Japonica	NA			OsR498G1221895700.01.T01	Modifier of snc1
maker-12-augustus-gene-235.13-mRNA-1	Japonica	NA		Os12g0566300	OsR498G1221895900.01.T03	ATP citrate synthase
maker-12-augustus-gene-235.17-mRNA-1	Japonica	Indica		Os12g0566400	OsR498G1221896100.01.T02	Membrane magnesium transporter
maker-12-augustus-gene-235.20-mRNA-1	Japonica	NA		Os12g0565300	OsR498G1221894200.01.T01	Calmodulin-binding protein MPCBP
maker-12-augustus-gene-235.25-mRNA-1	Japonica	Indica		Os12g0566100	OsR498G1221895200.01.T01	LYR motif-containing 5A
maker-12-augustus-gene-235.3-mRNA-1	Japonica	NA		Os12g0566000	OsR498G1221894900.01.T01	Boron transporter like
maker-12-augustus-gene-236.44-mRNA-1	Japonica	NA				

maker-12-augustus-gene-236.51-mRNA-1	Japonica	NA			OsR498G1221897500.01.T04	Diaminopimelate epimerase
maker-12-augustus-gene-236.56-mRNA-1	Japonica	NA		Os12g0567700	OsR498G1221900900.01.T01	Large subunit ribosomal protein L8e
maker-12-augustus-gene-236.58-mRNA-1	Japonica	Indica		Os12g0566700	OsR498G1221896800.01.T01	GDSL-like Lipase/Acylhydrolase family protein, expressed
maker-12-augustus-gene-236.61-mRNA-1	Japonica	NA		Os12g0566900	OsR498G1221897000.01.T03	
maker-12-augustus-gene-236.63-mRNA-1	Japonica	Indica		Os12g0566800	OsR498G1221897000.01.T02	Putative Ion channel regulatory protein, UNC-93
maker-12-augustus-gene-236.67-mRNA-1	Japonica	Indica		Os12g0566900	OsR498G1221897200.01.T01	Putative Ion channel regulatory protein, UNC-93
maker-12-augustus-gene-236.68-mRNA-1	Japonica	NA		Os12g0566900	OsR498G1221897200.01.T06	Ion channel regulatory protein
maker-12-augustus-gene-236.77-mRNA-1	Japonica	NA		Os12g0567300	OsR498G1221897800.01.T01	Myb-related protein MYBAS2
maker-12-augustus-gene-236.80-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os12g0567500	OsR498G1221899800.01.T01	Expressed protein kinase
maker-12-augustus-gene-236.82-mRNA-1	Japonica	NA		Os12g0567800	OsR498G1221901200.01.T01	Metallothionein-like protein 1, putative, expressed
maker-12-augustus-gene-237.33-mRNA-1	Japonica	NA		Os12g0568700	OsR498G1221903300.01.T01	
maker-12-augustus-gene-237.35-mRNA-1	Japonica	NA		Os12g0568800	OsR498G1221903700.01.T01	Importin subunit beta-1 like
maker-12-augustus-gene-237.37-mRNA-1	Japonica	Japonica		Os12g0569700	OsR498G0306484600.01.T01	Non-cell-autonomous heat shock cognate protein 70
maker-12-augustus-gene-237.41-mRNA-1	Japonica	NA		Os12g0570000	OsR498G1221907400.01.T01	RING-type E3 ubiquitin transferase
maker-12-augustus-gene-238.0-mRNA-1	Japonica	NA		Os12g0570400	OsR498G1221909300.01.T02	
maker-12-augustus-gene-238.10-mRNA-1	Japonica	NA		Os12g0571100	OsR498G1221910900.01.T01	Metallothionein-like protein 1, putative, expressed
maker-12-augustus-gene-238.13-mRNA-1	Japonica	NA		Os12g0571200	OsR498G1221911300.01.T01	Mitochondrial import inner membrane translocase subunit Tim9 like
maker-12-augustus-gene-238.15-mRNA-1	Japonica	NA		Os12g0571900	OsR498G1221912900.01.T06	Plant RNA cleavage stimulation factor
maker-12-augustus-gene-238.2-mRNA-1	Japonica	NA		Os12g0570500	OsR498G1221909500.01.T03	SAM domain-containing protein
maker-12-augustus-gene-238.22-mRNA-1	Japonica	NA		Os12g0572000	OsR498G1221913200.01.T01	Protein rough sheath 2 homolog
maker-12-augustus-gene-238.7-mRNA-1	Japonica	Indica		Os12g0571000	OsR498G1221910700.01.T01	Metallothionein-like protein 1, putative, expressed
maker-12-augustus-gene-239.25-mRNA-1	Japonica	NA		Os12g0572500	OsR498G1221916500.01.T04	XH domain containing protein, expressed
maker-12-augustus-gene-239.30-mRNA-1	Japonica	Indica		Os12g0573000	OsR498G1221918300.01.T02	
maker-12-augustus-gene-239.37-mRNA-1	Japonica	NA		Os12g0573900		
maker-12-augustus-gene-239.40-mRNA-1	Japonica	NA		Os12g0572400	OsR498G1221916200.01.T01	35 kDa SR repressor protein
maker-12-augustus-gene-239.45-mRNA-1	Japonica	Indica		Os12g0572800	OsR498G1221917200.01.T01	HTH OST-type domain-containing protein
maker-12-augustus-gene-24.0-mRNA-1	Japonica	NA			OsR498G1220926300.01.T01	
maker-12-augustus-gene-24.12-mRNA-1	Japonica	Indica		Os11g0148400	OsR498G1220932300.01.T01	Peptidylprolyl isomerase
maker-12-augustus-gene-24.15-mRNA-1	Japonica	NA		Os12g0145100	OsR498G1220930000.01.T01	Stem-specific protein TSJT1
maker-12-augustus-gene-24.19-mRNA-1	Japonica	NA		Os12g0145700	OsR498G1220932600.01.T01	Pyruvate kinase
maker-12-augustus-gene-24.29-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G1220933000.01.T02	Leucine-rich repeat receptor-like protein kinase PXC1
maker-12-augustus-gene-24.3-mRNA-1	Japonica	NA		Os12g0144600	OsR498G1220928100.01.T02	HMA domain-containing protein (Fragment)
maker-12-augustus-gene-24.5-mRNA-1	Japonica	NA		Os12g0145400	OsR498G1220931300.01.T01	Protein trichome birefringence-like protein 11
maker-12-augustus-gene-24.8-mRNA-1	Japonica	NA		Os12g0145500	OsR498G1220931500.01.T01	Peptidylprolyl isomerase
maker-12-augustus-gene-240.36-mRNA-1	Japonica	NA		Os12g0574400	OsR498G1221921500.01.T05	PUM-HD domain-containing protein
maker-12-augustus-gene-240.39-mRNA-1	Japonica	NA		Os12g0574000	OsR498G1221920800.01.T01	Lysine histidine transporter 1
maker-12-augustus-gene-240.41-mRNA-1	Japonica	NA		Os12g0574900	OsR498G1221924400.01.T04	Asparagine synthetase domain-containing protein 1
maker-12-augustus-gene-240.46-mRNA-1	Japonica	NA		Os12g0575000	OsR498G1221924600.01.T01	Endopolygalacturonase AN8327 (Fragment)
maker-12-augustus-gene-241.33-mRNA-1	Japonica	NA			OsR498G1221928900.01.T01	TPX2 (Targeting protein for Xklp2) protein family
maker-12-augustus-gene-241.38-mRNA-1	Japonica	NA		Os12g0577100	OsR498G1221929100.01.T03	Putative RNA-binding protein 46 isoform X2
maker-12-augustus-gene-241.56-mRNA-1	Japonica	Indica		Os12g0576300	OsR498G1221927000.01.T02	
maker-12-augustus-gene-241.59-mRNA-1	Japonica	NA		Os12g0576600	OsR498G1221927800.01.T02	Purple acid phosphatase
maker-12-augustus-gene-241.64-mRNA-1	Japonica	NA		Os12g0576700	OsR498G1221928000.01.T03	Purple acid phosphatase
maker-12-augustus-gene-241.69-mRNA-1	Japonica	Indica		Os12g0576600	OsR498G1221928600.01.T01	Purple acid phosphatase
maker-12-augustus-gene-241.71-mRNA-1	Japonica	NA		Os12g0576900	OsR498G1221928800.01.T01	Diacylglycerol kinase
maker-12-augustus-gene-243.4-mRNA-1	Japonica	NA		Os12g0580500	OsR498G1221944900.01.T02	Transcriptional regulator of RNA polII SAGA subunit
maker-12-augustus-gene-243.5-mRNA-1	Japonica	NA		Os12g0580600	OsR498G1221945300.01.T04	Keratin, type II cytoskeletal 2 epidermal-like
maker-12-augustus-gene-243.7-mRNA-1	Japonica	NA		Os06g0282000	OsR498G0816353100.01.T01	Putative E3 ubiquitin-protein ligase RHY1A
maker-12-augustus-gene-243.8-mRNA-1	Japonica	NA		Os12g0580700	OsR498G1221945700.01.T01	UDP-glycosyltransferase 89B1
maker-12-augustus-gene-244.34-mRNA-1	Japonica	Indica		Os03g0606100	OsR498G1221947400.01.T02	Lipase, putative, expressed
maker-12-augustus-gene-245.50-mRNA-1	Japonica	Indica		Os12g0584100	OsR498G1221963400.01.T05	
maker-12-augustus-gene-247.3-mRNA-1	Japonica	NA		Os12g0586300	OsR498G1221989900.01.T01	Myb family transcription factor EFM
maker-12-augustus-gene-247.6-mRNA-1	Japonica	NA		Os03g0240900	OsR498G1221990100.01.T01	
maker-12-augustus-gene-248.31-mRNA-1	Japonica	NA		Os12g0586600	OsR498G1221990700.01.T02	Calcium-transporting ATPase
maker-12-augustus-gene-248.42-mRNA-1	Japonica	NA		Os12g0588000		
maker-12-augustus-gene-248.44-mRNA-1	Japonica	NA				HTH OST-type domain-containing protein
maker-12-augustus-gene-248.45-mRNA-1	Japonica	NA		Os12g0572800	OsR498G1222005100.01.T04	RNA recognition motif family protein
maker-12-augustus-gene-248.48-mRNA-1	Japonica	NA		Os12g0588100		Retrotransposon protein, putative, Ty1-copia subclass
maker-12-augustus-gene-249.33-mRNA-1	Japonica	Japonica		Os12g0588400	OsR498G1221996700.01.T01	
maker-12-augustus-gene-249.35-mRNA-1	Japonica	Japonica		Os12g0589400	OsR498G1222005000.01.T01	
maker-12-augustus-gene-249.36-mRNA-1	Japonica	NA		Os12g0588800	OsR498G1221999600.01.T01	Cyclin N-terminal domain-containing protein

maker-12-augustus-gene-249.40-mRNA-1	Japonica	NA		Os12g0588900	OsR498G1222000200.01.T02	Cytoplasmic tRNA 2-thiolation protein 2
maker-12-augustus-gene-249.42-mRNA-1	Japonica	Indica		Os03g0617800	OsR498G1222000400.01.T01	BHLH domain-containing protein (Fragment)
maker-12-augustus-gene-249.44-mRNA-1	Japonica	NA		Os12g0589100	OsR498G1222001000.01.T01	Adenine phosphoribosyltransferase
maker-12-augustus-gene-25.0-mRNA-1	Japonica	Japonica		Os12g0147000	OsR498G1220936100.01.T01	AT-hook motif nuclear-localized protein
maker-12-augustus-gene-25.11-mRNA-1	Japonica	NA			OsR498G1221640400.01.T03	Formin-like protein 14
maker-12-augustus-gene-25.13-mRNA-1	Japonica	NA			OsR498G1220940200.01.T01	Retrotransposon protein, putative, unclassified, expressed
maker-12-augustus-gene-25.3-mRNA-1	Japonica	NA		Os12g0147500	OsR498G1220937300.01.T01	DEAD domain-containing protein (Fragment)
maker-12-augustus-gene-25.6-mRNA-1	Japonica	NA		Os12g0147800	OsR498G1220938900.01.T01	Phytosulfokine-alpha
maker-12-augustus-gene-25.9-mRNA-1	Japonica	Indica		Os11g0148600	OsR498G1220935000.01.T02	
maker-12-augustus-gene-250.0-mRNA-1	Japonica	NA			OsR498G0511259700.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-12-augustus-gene-250.12-mRNA-1	Japonica	Indica		Os12g0589400	OsR498G1222005000.01.T01	
maker-12-augustus-gene-250.15-mRNA-1	Japonica	NA			OsR498G1222005600.01.T02	Kinesin-like protein KIN-12F
maker-12-augustus-gene-250.3-mRNA-1	Japonica	NA			OsR498G1222009900.01.T01	
maker-12-augustus-gene-250.8-mRNA-1	Japonica	NA			OsR498G1222010100.01.T01	B3 domain-containing protein
maker-12-augustus-gene-251.28-mRNA-1	Japonica	NA		Os12g0592200	OsR498G1222012100.01.T01	
maker-12-augustus-gene-251.30-mRNA-1	Japonica	Indica		Os12g0589100	OsR498G1222012900.01.T01	Adenine phosphoribosyltransferase
maker-12-augustus-gene-251.35-mRNA-1	Japonica	NA		Os12g0592300	OsR498G1222012400.01.T02	B3 domain-containing protein
maker-12-augustus-gene-251.37-mRNA-1	Japonica	Indica		Os12g0593000	OsR498G1222022200.01.T02	Guanine nucleotide-binding protein alpha-2 subunit
maker-12-augustus-gene-252.0-mRNA-1	Japonica	NA				SHR-BD domain-containing protein
maker-12-augustus-gene-252.13-mRNA-1	Japonica	NA		Os12g0594600	OsR498G1222027900.01.T01	Skp1 domain-containing protein
maker-12-augustus-gene-252.15-mRNA-1	Japonica	NA		Os12g0594700		F-box domain containing protein, expressed
maker-12-augustus-gene-252.19-mRNA-1	Japonica	NA		Os12g0595000	OsR498G1222029400.01.T01	SPX and EXS domain-containing protein 1
maker-12-augustus-gene-252.9-mRNA-1	Japonica	NA	Kinase-TM	Os12g0594300	OsR498G1222027100.01.T01	Serine/threonine-protein kinase CTR1
maker-12-augustus-gene-253.0-mRNA-1	Japonica	NA	Kinase-TM	Os12g0595800	OsR498G1222032500.01.T02	Wall-associated receptor kinase-like 14
maker-12-augustus-gene-253.10-mRNA-1	Japonica	NA		Os12g0596900	OsR498G1222034300.01.T02	Putative glycosylphosphatidylinositol-mannosyltransferase I, PIG-X/PBN1
maker-12-augustus-gene-253.13-mRNA-1	Japonica	NA		Os12g0597000	OsR498G1222034900.01.T05	Calcineurin b-like protein 3-like
maker-12-augustus-gene-253.18-mRNA-1	Japonica	NA			OsR498G1222035300.01.T02	MATH domain-containing protein (Fragment)
maker-12-augustus-gene-253.23-mRNA-1	Japonica	Japonica		Os12g0595200	OsR498G1222028700.01.T01	F-box domain containing protein, expressed
maker-12-augustus-gene-253.25-mRNA-1	Japonica	NA		Os12g0595300	OsR498G1222030800.01.T03	F-box domain containing protein, expressed
maker-12-augustus-gene-253.27-mRNA-1	Japonica	NA		Os12g0594700	OsR498G1222028700.01.T01	F-box domain containing protein, expressed
maker-12-augustus-gene-253.3-mRNA-1	Japonica	NA			OsR498G1222033700.01.T03	BTB domain-containing protein
maker-12-augustus-gene-253.31-mRNA-1	Japonica	Indica		Os12g0595600	OsR498G1222031800.01.T01	Skp1 domain-containing protein
maker-12-augustus-gene-253.34-mRNA-1	Japonica	NA		Os12g0596000	OsR498G1222032800.01.T02	Lipoyl(octanoyl) transferase
maker-12-augustus-gene-253.36-mRNA-1	Japonica	NA		Os12g0597400	OsR498G1222036000.01.T01	Putative bifunctional amine oxidase
maker-12-augustus-gene-253.6-mRNA-1	Japonica	NA		Os12g0596800	OsR498G1222034100.01.T01	LIM and UIM domain-containing
maker-12-augustus-gene-254.35-mRNA-1	Japonica	NA			OsR498G1222038100.01.T01	Transcription factor PIF4
maker-12-augustus-gene-254.37-mRNA-1	Japonica	NA				BHLH domain-containing protein
maker-12-augustus-gene-254.44-mRNA-1	Japonica	Indica		Os12g0597500	OsR498G1222036200.01.T01	Ureidoglycolate amidohydrolase
maker-12-augustus-gene-254.48-mRNA-1	Japonica	NA		Os12g0597700	OsR498G1222037200.01.T02	WRKY DNA binding domain containing protein, expressed
maker-12-augustus-gene-255.48-mRNA-1	Japonica	NA		Os12g0599900	OsR498G1222046700.01.T05	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit B
maker-12-augustus-gene-256.11-mRNA-1	Japonica	NA			OsR498G1222052100.01.T01	Basic leucine zipper 25
maker-12-augustus-gene-256.21-mRNA-1	Japonica	NA				
maker-12-augustus-gene-256.9-mRNA-1	Japonica	NA		Os12g0601400	OsR498G1222051500.01.T01	Auxin-responsive protein IAA31
maker-12-augustus-gene-259.0-mRNA-1	Japonica	NA	Kinase	Os12g0605900	OsR498G1222069500.01.T01	CXC domain-containing TSO1-like protein 1
maker-12-augustus-gene-26.32-mRNA-1	Japonica	Japonica		Os12g0148600	OsR498G0509623900.01.T03	
maker-12-augustus-gene-26.35-mRNA-1	Japonica	Japonica	Kinase-TM	Os12g0149700	OsR498G1119421300.01.T01	Serine/threonine-protein kinase D6PKL2
maker-12-augustus-gene-26.37-mRNA-1	Japonica	NA		Os12g0149800	OsR498G1220944900.01.T03	G10 protein/predicted nuclear transcription regulator
maker-12-augustus-gene-26.39-mRNA-1	Japonica	Indica		Os11g0137300	OsR498G1220940400.01.T02	Proteasome-associated protein ECM
maker-12-augustus-gene-26.44-mRNA-1	Japonica	NA		Os12g0148700	OsR498G1220941200.01.T01	Putative 2-carboxy-D-arabinitol-1-phosphatase
maker-12-augustus-gene-26.47-mRNA-1	Japonica	NA				RING-H2 finger protein ATL34
maker-12-augustus-gene-26.49-mRNA-1	Japonica	NA		Os12g0149900	OsR498G1220945200.01.T01	IQ domain-containing protein IQM3
maker-12-augustus-gene-260.58-mRNA-1	Japonica	NA		Os12g0608600	OsR498G1222079400.01.T01	Sulfurtransferase
maker-12-augustus-gene-260.61-mRNA-1	Japonica	Japonica	Kinase-TM	Os12g0608700	OsR498G1222080200.01.T01	L-type lectin-domain containing receptor kinase IX.1
maker-12-augustus-gene-260.63-mRNA-1	Japonica	Japonica	Kinase-TM	Os12g0609000	OsR498G1222081400.01.T02	Wall-associated receptor kinase-like 21
maker-12-augustus-gene-260.64-mRNA-1	Japonica	NA		Os12g0609500	OsR498G1222082600.01.T01	(-)-isopiperitenone reductase
maker-12-augustus-gene-261.0-mRNA-1	Japonica	NA		Os12g0609800	OsR498G1222082900.01.T01	WD repeat-containing protein 75
maker-12-augustus-gene-261.11-mRNA-1	Japonica	NA		Os12g0610800	OsR498G1222086200.01.T01	Casparian strip membrane protein 2
maker-12-augustus-gene-261.13-mRNA-1	Japonica	NA		Os12g0611000	OsR498G1222086600.01.T01	18S subunit ribosomal protein (Fragment)
maker-12-augustus-gene-261.18-mRNA-1	Japonica	Indica	Kinase-TM	Os12g0611100	OsR498G1222086800.01.T03	Serine/threonine-protein kinase receptor
maker-12-augustus-gene-261.22-mRNA-1	Japonica	NA			OsR498G1222087200.01.T02	ATP-dependent RNA helicase DeaD
maker-12-augustus-gene-261.27-mRNA-1	Japonica	Indica		Os12g0611300	OsR498G1222088000.01.T01	Patatin

maker-12-augustus-gene-261.9-mRNA-1	Japonica	NA		Os12g0610500	OsR498G1222084900.01.T05	methyltransferase-like protein 25 isoform X2
maker-12-augustus-gene-262.27-mRNA-1	Japonica	NA			OsR498G1222092700.01.T01	Gamma-thionins family protein
maker-12-augustus-gene-262.29-mRNA-1	Japonica	NA		Os12g0612100	OsR498G1222093000.01.T01	GDP-L-galactose phosphorylase 1
maker-12-augustus-gene-262.32-mRNA-1	Japonica	NA		Os12g0612300	OsR498G1222093200.01.T02	WPP domain-associated protein-like
maker-12-augustus-gene-262.35-mRNA-1	Japonica	NA		Os12g0612400	OsR498G1222093800.01.T02	Chaperone DnaJ-domain superfamily protein isoform 1
maker-12-augustus-gene-262.39-mRNA-1	Japonica	NA		Os12g0612500	OsR498G1222094400.01.T06	MTS domain-containing protein
maker-12-augustus-gene-262.42-mRNA-1	Japonica	NA		Os12g0612700	OsR498G1222095000.01.T01	Homeobox-leucine zipper protein ATHB-14
maker-12-augustus-gene-263.0-mRNA-1	Japonica	NA		Os12g0613500	OsR498G1222097900.01.T03	LisH dimerization motif
maker-12-augustus-gene-263.10-mRNA-1	Japonica	NA		Os12g0614000	OsR498G1222099300.01.T05	Mediator of RNA polymerase II transcription subunit 19
maker-12-augustus-gene-263.13-mRNA-1	Japonica	NA		Os12g0613000	OsR498G1222095800.01.T01	CCAAT-binding transcription factor B
maker-12-augustus-gene-263.17-mRNA-1	Japonica	Indica		Os03g0641200	OsR498G1222096200.01.T01	High affinity cationic amino acid transporter 1
maker-12-augustus-gene-263.19-mRNA-1	Japonica	NA				Putative SET-domain containing protein family
maker-12-augustus-gene-263.22-mRNA-1	Japonica	Indica		Os12g0613250	OsR498G1222097400.01.T01	BTB/POZ domain-containing protein At1g30440 isoform X1
maker-12-augustus-gene-263.25-mRNA-1	Japonica	NA		Os12g0613300	OsR498G1222097800.01.T03	MYB-type transcription factor
maker-12-augustus-gene-263.28-mRNA-1	Japonica	NA		Os12g0613700	OsR498G1222099000.01.T02	Auxin response factor
maker-12-augustus-gene-263.5-mRNA-1	Japonica	NA		Os12g0613600	OsR498G1222098700.01.T01	Remorin, C-terminal region family protein, expressed
maker-12-augustus-gene-263.7-mRNA-1	Japonica	NA			OsR498G1222099100.01.T01	Galectin domain-containing protein (Fragment)
maker-12-augustus-gene-264.0-mRNA-1	Japonica	Japonica	Kinase-TM	Os12g0615000	OsR498G1222103900.01.T01	Wall-associated receptor kinase 3
maker-12-augustus-gene-264.11-mRNA-1	Japonica	NA		Os12g0615400	OsR498G1222105000.01.T02	2-methyl-6-phytyl-1,4-hydroquinone methyltransferase, chloroplastic
maker-12-augustus-gene-264.14-mRNA-1	Japonica	NA			OsR498G1222105200.01.T02	Metallo-hydrolase/oxidoreductase superfamily protein
maker-12-augustus-gene-264.17-mRNA-1	Japonica	NA		Os12g0615500	OsR498G1222105600.01.T01	Metallo-hydrolase/oxidoreductase superfamily protein
maker-12-augustus-gene-264.24-mRNA-1	Japonica	NA				Kinesin-4
maker-12-augustus-gene-264.29-mRNA-1	Japonica	NA		Os12g0616200	OsR498G1222107000.01.T01	50S ribosomal protein HLP, mitochondrial
maker-12-augustus-gene-264.3-mRNA-1	Japonica	NA	Kinase-TM			Wall-associated receptor kinase 5
maker-12-augustus-gene-264.5-mRNA-1	Japonica	NA		Os12g0615700		Protein DETOXIFICATION
maker-12-augustus-gene-264.9-mRNA-1	Japonica	NA			OsR498G1222103800.01.T07	
maker-12-augustus-gene-265.21-mRNA-1	Japonica	NA		Os12g0616500	OsR498G1222108900.01.T01	Cation/H(+) antiporter like
maker-12-augustus-gene-265.24-mRNA-1	Japonica	NA			OsR498G1222109300.01.T01	Serine protease
maker-12-augustus-gene-265.30-mRNA-1	Japonica	NA		Os12g0616900	OsR498G1222111900.01.T01	Pyruvate dehydrogenase (acetyl-transferring)
maker-12-augustus-gene-265.35-mRNA-1	Japonica	NA		Os12g0617100	OsR498G1222112800.01.T05	Translation initiation factor eIF-2B subunit delta
maker-12-augustus-gene-268.0-mRNA-1	Japonica	NA		Os12g0620900		
maker-12-augustus-gene-268.14-mRNA-1	Japonica	NA	Kinase-TM	Os12g0621500	OsR498G1222131900.01.T03	Probable serine/threonine protein kinase IREH1 isoform X1
maker-12-augustus-gene-268.17-mRNA-1	Japonica	NA		Os12g0621700	OsR498G1222132700.01.T01	Protein downstream neighbor of Son
maker-12-augustus-gene-268.19-mRNA-1	Japonica	NA			OsR498G1222128200.01.T01	Cyclin-dependent kinase C-2
maker-12-augustus-gene-268.21-mRNA-1	Japonica	NA		Os12g0621600	OsR498G1222132200.01.T01	
maker-12-augustus-gene-268.6-mRNA-1	Japonica	NA				
maker-12-augustus-gene-268.7-mRNA-1	Japonica	NA		Os12g0621100	OsR498G1222129900.01.T01	Putative axial regulator YABBY 2
maker-12-augustus-gene-269.0-mRNA-1	Japonica	NA				COP9 signalosome complex subunit 6
maker-12-augustus-gene-269.10-mRNA-1	Japonica	NA			OsR498G1222136500.01.T01	
maker-12-augustus-gene-269.15-mRNA-1	Japonica	NA			OsR498G1222136900.01.T01	
maker-12-augustus-gene-269.18-mRNA-1	Japonica	NA		Os12g0623500	OsR498G1222137200.01.T02	Amino acid permease family protein, expressed
maker-12-augustus-gene-269.25-mRNA-1	Japonica	NA		Os12g0623600	OsR498G1222137600.01.T01	Cysteine dioxygenase
maker-12-augustus-gene-269.30-mRNA-1	Japonica	NA				Dihydrofolate synthetase
maker-12-augustus-gene-269.5-mRNA-1	Japonica	NA		Os12g0622900	OsR498G1222136100.01.T01	AP2/ERF domain-containing protein
maker-12-augustus-gene-269.9-mRNA-1	Japonica	NA			OsR498G1222136500.01.T01	PHD domain-containing protein
maker-12-augustus-gene-27.37-mRNA-1	Japonica	NA		Os12g0151000	OsR498G1220949100.01.T01	Purple acid phosphatase
maker-12-augustus-gene-27.39-mRNA-1	Japonica	NA		Os12g0151900	OsR498G1220950900.01.T03	
maker-12-augustus-gene-27.41-mRNA-1	Japonica	NA		Os12g0152100	OsR498G1220951300.01.T01	Putative dihydrolipoyllysine-residue acetyltransferase
maker-12-augustus-gene-27.43-mRNA-1	Japonica	Indica		Os11g0151700	OsR498G1220948000.01.T01	Purple acid phosphatase
maker-12-augustus-gene-27.45-mRNA-1	Japonica	NA		Os12g0152000	OsR498G1220951200.01.T01	Centroradialis
maker-12-augustus-gene-270.31-mRNA-1	Japonica	NA		Os12g0623900	OsR498G1222138500.01.T02	5-methyltetrahydropteroyltriglutamate--homocysteine S-methyltransferase
maker-12-augustus-gene-270.36-mRNA-1	Japonica	NA		Os12g0624000	OsR498G1222139100.01.T03	5-methyltetrahydropteroyltriglutamate--homocysteine S-methyltransferase
maker-12-augustus-gene-270.42-mRNA-1	Japonica	NA		Os12g0624900	OsR498G1222141300.01.T01	GATA transcription factor
maker-12-augustus-gene-270.45-mRNA-1	Japonica	NA			OsR498G1222140600.01.T01	BRCT domain-containing protein
maker-12-augustus-gene-270.47-mRNA-1	Japonica	Japonica		Os12g0624800	OsR498G1222141000.01.T02	Copper transport protein ATX1
maker-12-augustus-gene-270.49-mRNA-1	Japonica	Indica		Os12g0625000	OsR498G1222141600.01.T01	Cytosolic cysteine synthase
maker-12-augustus-gene-271.32-mRNA-1	Japonica	NA			OsR498G1222147000.01.T01	
maker-12-augustus-gene-271.34-mRNA-1	Japonica	Japonica		Os12g0626000	OsR498G1222146600.01.T01	
maker-12-augustus-gene-271.36-mRNA-1	Japonica	NA		Os12g0626100	OsR498G1222146100.01.T01	Deoxyhypusine hydroxylase
maker-12-augustus-gene-271.40-mRNA-1	Japonica	NA			OsR498G1222145300.01.T02	Anaphase-promoting complex subunit 5
maker-12-augustus-gene-271.46-mRNA-1	Japonica	Indica		Os12g0626400	OsR498G1222144900.01.T01	Phytoene synthase, chloroplastic

maker-12-augustus-gene-272.0-mRNA-1	Japonica	NA			OsR498G1222148300.01.T01	Putative endoplasmic reticulum insertion protein SEC61
maker-12-augustus-gene-272.10-mRNA-1	Japonica	NA		Os12g0628100	OsR498G1222149200.01.T02	Actin-depolymerizing factor 11
maker-12-augustus-gene-272.2-mRNA-1	Japonica	NA		Os12g0628400	OsR498G1222149900.01.T04	Aldehyde oxygenase (deformylating)
maker-12-augustus-gene-272.5-mRNA-1	Japonica	NA		Os12g0628500	OsR498G1222150100.01.T01	Methionine aminopeptidase 2
maker-12-augustus-gene-273.42-mRNA-1	Japonica	NA			OsR498G1222159100.01.T02	PMD domain-containing protein
maker-12-augustus-gene-29.0-mRNA-1	Japonica	NA		Os04g0530400	OsR498G1220960500.01.T01	SNARE-complex protein Syntaxin-18 N-terminal
maker-12-augustus-gene-3.103-mRNA-1	Japonica	NA		Os11g0106400	OsR498G1119292600.01.T02	E1 ubiquitin-activating enzyme
maker-12-augustus-gene-3.107-mRNA-1	Japonica	NA		Os12g0106000	OsR498G1220799800.01.T01	Ferritin
maker-12-augustus-gene-3.35-mRNA-1	Japonica	NA		Os12g0104700	OsR498G1220795300.01.T01	Protein trichome birefringence-like 28
maker-12-augustus-gene-3.40-mRNA-1	Japonica	NA			OsR498G1119287500.01.T03	Clathrin heavy chain
maker-12-augustus-gene-3.43-mRNA-1	Japonica	NA			OsR498G1220795500.01.T05	Clathrin heavy chain
maker-12-augustus-gene-3.60-mRNA-1	Japonica	Indica		Os11g0205500	OsR498G1220796300.01.T01	
maker-12-augustus-gene-3.62-mRNA-1	Japonica	Japonica		Os12g0106100	OsR498G1220799900.01.T01	Pentatricopeptide repeat-containing protein At5g12100, mitochondrial (Frag
maker-12-augustus-gene-3.69-mRNA-1	Japonica	NA		Os12g0106300	OsR498G1220800900.01.T01	Protein trichome birefringence-like 34
maker-12-augustus-gene-3.74-mRNA-1	Japonica	NA		Os11g0105400	OsR498G1220797200.01.T01	Ribosome assembly factor mrt4
maker-12-augustus-gene-3.78-mRNA-1	Japonica	NA		Os11g0105750	OsR498G1220797600.01.T03	Protein CHUP1 chloroplastic
maker-12-augustus-gene-3.85-mRNA-1	Japonica	NA		Os12g0105500	OsR498G1220798000.01.T01	Phytol kinase 2
maker-12-augustus-gene-3.90-mRNA-1	Japonica	NA		Os12g0105600	OsR498G1220798200.01.T01	HTH myb-type domain-containing protein (Fragment)
maker-12-augustus-gene-3.93-mRNA-1	Japonica	NA		Os12g0105700	OsR498G1119292200.01.T01	Sorting and assembly machinery component 50 A
maker-12-augustus-gene-3.97-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1220798800.01.T02	Putative LRR receptor-like serine/threonine-protein kinase MRH1-like
maker-12-augustus-gene-31.0-mRNA-1	Japonica	Indica		Os12g0158600	OsR498G1220981300.01.T01	
maker-12-augustus-gene-32.40-mRNA-1	Japonica	NA		Os12g0160400	OsR498G1220988300.01.T02	Transcription factor LHW
maker-12-augustus-gene-32.45-mRNA-1	Japonica	NA		Os12g0160900		
maker-12-augustus-gene-32.53-mRNA-1	Japonica	Indica		Os12g0160500	OsR498G1220988600.01.T02	BEL1-like homeodomain protein 1 isoform A
maker-12-augustus-gene-33.0-mRNA-1	Japonica	NA		Os12g0162500	OsR498G1221000100.01.T01	Transcription factor VIP1
maker-12-augustus-gene-33.16-mRNA-1	Japonica	NA		Os12g0162400	OsR498G1220999600.01.T01	Calcineurin B
maker-12-augustus-gene-33.3-mRNA-1	Japonica	Indica		Os12g0161500	OsR498G1220994200.01.T01	
maker-12-augustus-gene-34.12-mRNA-1	Japonica	NA		Os12g0163400	OsR498G1221003000.01.T01	Tubby-like F-box protein 13
maker-12-augustus-gene-34.15-mRNA-1	Japonica	NA		Os12g0163700	OsR498G1221004400.01.T01	Actin beta/gamma 1
maker-12-augustus-gene-34.19-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1221004600.01.T03	Serine/threonine-protein kinase STY46
maker-12-augustus-gene-34.2-mRNA-1	Japonica	NA		Os12g0163200	OsR498G1221002500.01.T01	Nucleolar complex protein 2
maker-12-augustus-gene-34.5-mRNA-1	Japonica	NA			OsR498G1221001800.01.T01	HTH OST-type domain-containing protein (Fragment)
maker-12-augustus-gene-34.7-mRNA-1	Japonica	NA		Os12g0163000	OsR498G1221002000.01.T01	Cyclic nucleotide-gated ion channel like
maker-12-augustus-gene-34.9-mRNA-1	Japonica	NA		Os12g0163300	OsR498G1221002800.01.T02	Deoxyhypusine hydroxylase-A
maker-12-augustus-gene-35.0-mRNA-1	Japonica	Indica		Os12g0164300	OsR498G1221005700.01.T02	F-box protein interaction domain containing protein, expressed
maker-12-augustus-gene-35.11-mRNA-1	Japonica	NA			OsR498G1221010700.01.T04	nucleolar protein 6
maker-12-augustus-gene-35.16-mRNA-1	Japonica	NA			OsR498G1221007200.01.T05	DUF676 domain-containing protein
maker-12-augustus-gene-35.2-mRNA-1	Japonica	NA		Os12g0165400		Citrate-binding protein-like
maker-12-augustus-gene-35.23-mRNA-1	Japonica	NA		Os12g0165000	OsR498G1221007600.01.T01	WD repeat-containing protein 48
maker-12-augustus-gene-35.30-mRNA-1	Japonica	NA		Os12g0165200	OsR498G1221007800.01.T01	SHSP domain-containing protein (Fragment)
maker-12-augustus-gene-35.32-mRNA-1	Japonica	NA		Os12g0165700	OsR498G1221008600.01.T01	Mediator of RNA polymerase II transcription subunit 26c like
maker-12-augustus-gene-35.4-mRNA-1	Japonica	NA			OsR498G1221009500.01.T01	Peptidase S59 domain-containing protein (Fragment)
maker-12-augustus-gene-35.8-mRNA-1	Japonica	NA			OsR498G1221009900.01.T01	Peptidase S59 domain-containing protein
maker-12-augustus-gene-36.0-mRNA-1	Japonica	NA	NBS-TM		OsR498G1221011500.01.T01	Disease resistance protein RPM1
maker-12-augustus-gene-36.13-mRNA-1	Japonica	NA			OsR498G1221013000.01.T01	SAP domain containing protein, expressed
maker-12-augustus-gene-36.19-mRNA-1	Japonica	Japonica		Os12g0168100	OsR498G1221014600.01.T01	Cold-responsive element-binding factor 3
maker-12-augustus-gene-36.2-mRNA-1	Japonica	NA		Os12g0167900	OsR498G1221014100.01.T01	Ribosomal protein L3
maker-12-augustus-gene-36.21-mRNA-1	Japonica	NA				Protein-serine/threonine phosphatase
maker-12-augustus-gene-36.6-mRNA-1	Japonica	NA		Os12g0168000	OsR498G1221014300.01.T03	Methenyltetrahydrofolate synthase domain-containing protein (Fragment)
maker-12-augustus-gene-36.9-mRNA-1	Japonica	NA		Os12g0168400	OsR498G1221016100.01.T01	Gametophytic factor 2
maker-12-augustus-gene-37.0-mRNA-1	Japonica	NA		Os12g0168700	OsR498G1221017900.01.T04	Long chain acyl-CoA synthetase 9 chloroplastic
maker-12-augustus-gene-37.11-mRNA-1	Japonica	Indica		Os11g0170000	OsR498G1221019600.01.T03	Amidase domain-containing protein
maker-12-augustus-gene-37.18-mRNA-1	Japonica	NA		Os12g0169100	OsR498G1221020200.01.T02	Filament-like plant protein 3
maker-12-augustus-gene-37.23-mRNA-1	Japonica	NA		Os12g0169400	OsR498G1221020400.01.T01	CBS-PB1 domain contining protein
maker-12-augustus-gene-37.27-mRNA-1	Japonica	NA		Os12g0169800	OsR498G1221021400.01.T02	Calcium-dependent protein kinase SK5
maker-12-augustus-gene-37.3-mRNA-1	Japonica	NA		Os12g0169700	OsR498G1221021100.01.T01	Gamma carbonic anhydrase 2 mitochondrial
maker-12-augustus-gene-37.34-mRNA-1	Japonica	NA		Os12g0170100	OsR498G1221022200.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
maker-12-augustus-gene-37.36-mRNA-1	Japonica	NA		Os12g0170200	OsR498G1221022400.01.T01	Bile acid sodium symporter/ transporter
maker-12-augustus-gene-37.8-mRNA-1	Japonica	NA		Os12g0168900	OsR498G1221019400.01.T01	V-type proton ATPase proteolipid subunit
maker-12-augustus-gene-38.30-mRNA-1	Japonica	NA		Os12g0170600	OsR498G1221022900.01.T02	4-alpha-L-fucosyltransferase
maker-12-augustus-gene-38.33-mRNA-1	Japonica	NA			OsR498G1221023300.01.T03	RNA cytidine acetyltransferase

maker-12-augustus-gene-38.40-mRNA-1	Japonica	NA		Os12g0170800	OsR498G1221023500.01.T01	Citrate binding protein, putative, expressed
maker-12-augustus-gene-38.42-mRNA-1	Japonica	NA		Os12g0171200	OsR498G1221024300.01.T02	Polynucleotide adenyllyltransferase family protein
maker-12-augustus-gene-38.48-mRNA-1	Japonica	Japonica		Os12g0171600	OsR498G1221024900.01.T02	
maker-12-augustus-gene-38.50-mRNA-1	Japonica	NA		Os12g0172400		DUF1618 domain-containing protein (Fragment)
maker-12-augustus-gene-38.52-mRNA-1	Japonica	NA			OsR498G1221024800.01.T03	
maker-12-augustus-gene-39.0-mRNA-1	Japonica	NA		Os01g0177400	OsR498G0917551500.01.T01	Gibberellin 3-beta-dioxygenase 2-2
maker-12-augustus-gene-39.1-mRNA-1	Japonica	NA		Os12g0174000	OsR498G1221030100.01.T02	XS domain-containing protein (Fragment)
maker-12-augustus-gene-39.3-mRNA-1	Japonica	NA		Os12g0174100	OsR498G1221030300.01.T01	O-fucosyltransferase family protein (Fragment)
maker-12-augustus-gene-39.8-mRNA-1	Japonica	NA		Os12g0172500	OsR498G1221026000.01.T02	Dystrophia myotonica WD repeat-containing protein-like
maker-12-augustus-gene-39.9-mRNA-1	Japonica	NA		Os12g0172500	OsR498G1221026000.01.T05	Dystrophia myotonica WD repeat-containing protein-like
maker-12-augustus-gene-4.46-mRNA-1	Japonica	NA		Os12g0106500	OsR498G1220801500.01.T01	Nodulin-like domain-containing protein (Fragment)
maker-12-augustus-gene-4.50-mRNA-1	Japonica	NA				Protein DETOXIFICATION
maker-12-augustus-gene-4.55-mRNA-1	Japonica	NA		Os11g0107500	OsR498G1119296500.01.T02	Macrophage migration inhibitory factor
maker-12-augustus-gene-4.60-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os11g0107700	OsR498G1220804500.01.T01	probable leucine-rich repeat receptor-like protein kinase IMK3
maker-12-augustus-gene-4.63-mRNA-1	Japonica	NA		Os12g0108000	OsR498G1220805900.01.T01	Laccase
maker-12-augustus-gene-4.68-mRNA-1	Japonica	Japonica		Os12g0106700	OsR498G1220802400.01.T03	
maker-12-augustus-gene-4.71-mRNA-1	Japonica	Indica		Os12g0106900	OsR498G1220802600.01.T03	Kinesin-like protein KIN-UA
maker-12-augustus-gene-4.76-mRNA-1	Japonica	NA				E1 ubiquitin-activating enzyme
maker-12-augustus-gene-40.0-mRNA-1	Japonica	NA		Os12g0175400	OsR498G1221036900.01.T01	MYB transcription factor
maker-12-augustus-gene-40.16-mRNA-1	Japonica	NA			OsR498G1221034400.01.T01	Myb domain protein 98
maker-12-augustus-gene-40.18-mRNA-1	Japonica	NA		Os12g0175500	OsR498G1221038000.01.T01	Bifunctional monothiol glutaredoxin-S16 chloroplastic
maker-12-augustus-gene-40.20-mRNA-1	Japonica	NA		Os12g0175900	OsR498G1221038600.01.T03	Ribonuclease P
maker-12-augustus-gene-40.3-mRNA-1	Japonica	NA		Os12g0175700	OsR498G1221038300.01.T03	Transmembrane 9 superfamily member
maker-12-augustus-gene-40.7-mRNA-1	Japonica	NA		Os12g0176200	OsR498G1221038900.01.T01	NifU-like protein 2 chloroplastic
maker-12-augustus-gene-40.9-mRNA-1	Japonica	NA		Os12g0174800	OsR498G1221033800.01.T02	Protein-tyrosine-phosphatase PTP1
maker-12-augustus-gene-41.34-mRNA-1	Japonica	NA		Os12g0176500	OsR498G1221039500.01.T01	Replication factor C / DNA polymerase III gamma-tau subunit
maker-12-augustus-gene-41.43-mRNA-1	Japonica	NA		Os12g0176600	OsR498G1221039900.01.T04	SWI/SNF complex subunit SWI3C
maker-12-augustus-gene-41.44-mRNA-1	Japonica	NA		Os12g0177500		Aspartic proteinase Asp1
maker-12-augustus-gene-41.52-mRNA-1	Japonica	NA		Os12g0176800	OsR498G1221040200.01.T01	Protein-synthesizing GTPase
maker-12-augustus-gene-41.56-mRNA-1	Japonica	NA		Os12g0178100	OsR498G1221041600.01.T01	L-ascorbate peroxidase
maker-12-augustus-gene-41.61-mRNA-1	Japonica	NA		Os12g0178200	OsR498G1221042000.01.T01	L-ascorbate peroxidase
maker-12-augustus-gene-42.0-mRNA-1	Japonica	Indica		Os09g0254600	OsR498G1221042700.01.T01	Bidirectional sugar transporter SWEET
maker-12-augustus-gene-42.14-mRNA-1	Japonica	NA		Os12g0179800	OsR498G1221045200.01.T03	NAD-dependent protein deacylase
maker-12-augustus-gene-42.18-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1221046200.01.T01	Protein kinase protein with adenine nucleotide alpha hydrolase-like domain
maker-12-augustus-gene-42.2-mRNA-1	Japonica	Indica		Os12g0180400	OsR498G1221045900.01.T01	DNA-directed RNA polymerase, subunit N/Rpb
maker-12-augustus-gene-42.4-mRNA-1	Japonica	NA		Os12g0180600		
maker-12-augustus-gene-42.6-mRNA-1	Japonica	Indica		Os12g0178633	OsR498G1221044000.01.T01	WD repeat-containing protein 44
maker-12-augustus-gene-42.9-mRNA-1	Japonica	NA		Os12g0178700	OsR498G1221044200.01.T02	Dynamin-like protein ARC5
maker-12-augustus-gene-43.10-mRNA-1	Japonica	NA				Protein kinase domain-containing protein
maker-12-augustus-gene-43.14-mRNA-1	Japonica	NA		Os12g0181300	OsR498G1221046400.01.T01	TRAF-type domain-containing protein
maker-12-augustus-gene-43.17-mRNA-1	Japonica	NA		Os12g0181600	OsR498G1221047500.01.T01	Amino acid permease
maker-12-augustus-gene-43.2-mRNA-1	Japonica	NA		Os12g0181500	OsR498G1221047500.01.T01	Amino acid permease
maker-12-augustus-gene-43.4-mRNA-1	Japonica	Japonica		Os12g0180800	OsR498G0408793100.01.T02	BHLH domain-containing protein
maker-12-augustus-gene-43.8-mRNA-1	Japonica	NA	Kinase-TM		OsR498G1221046200.01.T01	Protein kinase protein with adenine nucleotide alpha hydrolase-like domain
maker-12-augustus-gene-44.0-mRNA-1	Japonica	NA		Os12g0182700	OsR498G1221051500.01.T01	Histone deacetylase
maker-12-augustus-gene-44.10-mRNA-1	Japonica	NA		Os12g0183100	OsR498G1221052100.01.T03	2-oxoisovalerate dehydrogenase subunit alpha 2 mitochondrial
maker-12-augustus-gene-44.16-mRNA-1	Japonica	NA		Os12g0182200	OsR498G1221050000.01.T01	Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase
maker-12-augustus-gene-44.21-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os12g0182300	OsR498G1221050600.01.T01	Tyrosine-protein kinase
maker-12-augustus-gene-44.24-mRNA-1	Japonica	NA				cx9C motif-containing protein 4
maker-12-augustus-gene-44.26-mRNA-1	Japonica	NA		Os12g0183200	OsR498G1221052400.01.T03	3'(2'),5'-bisphosphate nucleotidase
maker-12-augustus-gene-44.30-mRNA-1	Japonica	NA		Os12g0183300	OsR498G1221052800.01.T01	3'(2'),5'-bisphosphate nucleotidase
maker-12-augustus-gene-44.34-mRNA-1	Japonica	NA			OsR498G1221055000.01.T01	
maker-12-augustus-gene-44.5-mRNA-1	Japonica	NA			OsR498G1221051700.01.T03	Proteasome assembly chaperone
maker-12-augustus-gene-46.35-mRNA-1	Japonica	NA		Os12g0188500	OsR498G1221057100.01.T01	BTB/POZ domain-containing protein At2g13690
maker-12-augustus-gene-46.38-mRNA-1	Japonica	NA		Os12g0187800	OsR498G1221056000.01.T01	
maker-12-augustus-gene-46.40-mRNA-1	Japonica	NA		Os12g0188700	OsR498G1221058200.01.T02	Chloroplast thioredoxin M-type
maker-12-augustus-gene-47.0-mRNA-1	Japonica	NA			OsR498G1221058300.01.T01	Small RNA degrading nuclease 5
maker-12-augustus-gene-47.12-mRNA-1	Japonica	NA		Os12g0189900	OsR498G1221061300.01.T01	Ribosomal biogenesis protein LAS1L
maker-12-augustus-gene-47.17-mRNA-1	Japonica	NA		Os12g0190100	OsR498G1221061900.01.T03	O-fucosyltransferase family protein (Fragment)
maker-12-augustus-gene-47.20-mRNA-1	Japonica	NA		Os12g0189500	OsR498G1221059800.01.T01	Flavin-containing monooxygenase
maker-12-augustus-gene-47.23-mRNA-1	Japonica	NA		Os12g0190000	OsR498G1221061600.01.T01	GDP-L-galactose phosphorylase

maker-12-augustus-gene-47.26-mRNA-1	Japonica	NA		Os12g0190200	OsR498G1221062200.01.T01	PsbP domain-containing protein 4, chloroplastic
maker-12-augustus-gene-47.9-mRNA-1	Japonica	Japonica		Os12g0189400	OsR498G1221059300.01.T01	Photosystem I reaction center subunit N like
maker-12-augustus-gene-48.0-mRNA-1	Japonica	Indica		Os01g0729600	OsR498G1221064700.01.T01	Putative cysteine desulfurase
maker-12-augustus-gene-48.2-mRNA-1	Japonica	Indica		Os01g0729600	OsR498G1221062400.01.T01	Putative cysteine desulfurase
maker-12-augustus-gene-48.4-mRNA-1	Japonica	Indica		Os05g0281400	OsR498G1221064200.01.T06	
maker-12-augustus-gene-48.6-mRNA-1	Japonica	NA		Os12g0191500	OsR498G1221065400.01.T01	Peroxidase
maker-12-augustus-gene-49.0-mRNA-1	Japonica	NA		Os12g0192500	OsR498G1221069500.01.T01	Thiamine-phosphate pyrophosphorylase
maker-12-augustus-gene-49.6-mRNA-1	Japonica	NA			OsR498G1221071100.01.T01	BRX domain-containing protein
maker-12-augustus-gene-49.8-mRNA-1	Japonica	NA			OsR498G1221071400.01.T02	
maker-12-augustus-gene-5.0-mRNA-1	Japonica	NA		Os12g0108500	OsR498G1220808300.01.T01	F-box/LRR-repeat protein 3
maker-12-augustus-gene-5.11-mRNA-1	Japonica	NA		Os12g0108900		DNA (Cytosine-5)-methyltransferase DRM2
maker-12-augustus-gene-5.16-mRNA-1	Japonica	Japonica	Kinase	Os12g0109800	OsR498G1119298800.01.T04	Putative serine/threonine-protein kinase
maker-12-augustus-gene-5.18-mRNA-1	Japonica	NA	Kinase-TM	Os12g0108100	OsR498G1220806200.01.T01	Putative serine/threonine-protein kinase
maker-12-augustus-gene-5.22-mRNA-1	Japonica	NA			OsR498G1220810000.01.T01	ADP-glucose pyrophosphorylase
maker-12-augustus-gene-5.7-mRNA-1	Japonica	Japonica		Os12g0108600	OsR498G1220808500.01.T01	Catalytic protein serine threonine phosphatase
maker-12-augustus-gene-50.40-mRNA-1	Japonica	Japonica		Os12g0193800	OsR498G1221072900.01.T02	NAC domain-containing protein
maker-12-augustus-gene-50.46-mRNA-1	Japonica	Japonica		Os12g0194600	OsR498G1221077900.01.T03	BZIP type transcription factor
maker-12-augustus-gene-50.48-mRNA-1	Japonica	NA				GTP--RNA guanylyltransferase
maker-12-augustus-gene-50.54-mRNA-1	Japonica	NA				
maker-12-augustus-gene-50.58-mRNA-1	Japonica	NA		Os12g0194700	OsR498G1221078200.01.T01	DNA-directed RNA polymerases I and III subunit like
maker-12-augustus-gene-51.37-mRNA-1	Japonica	NA		Os12g0194900	OsR498G1221079100.01.T01	Amino acid transporter
maker-12-augustus-gene-52.0-mRNA-1	Japonica	NA		Os12g0197400	OsR498G1221087100.01.T02	Chloroplast protein import component
maker-12-augustus-gene-52.2-mRNA-1	Japonica	Japonica		Os12g0196700	OsR498G1221085600.01.T01	Cytochrome P450 family protein, expressed
maker-12-augustus-gene-52.4-mRNA-1	Japonica	NA		Os12g0197100	OsR498G1221086600.01.T01	Glycinamide ribonucleotide synthetase
maker-12-augustus-gene-52.6-mRNA-1	Japonica	NA		Os12g0197500	OsR498G1221087400.01.T01	Suppressor of gene silencing 3
maker-12-augustus-gene-52.8-mRNA-1	Japonica	Japonica		Os12g0197700	OsR498G1221087800.01.T01	Suppressor of gene silencing 3
maker-12-augustus-gene-53.34-mRNA-1	Japonica	Indica		Os11g0240900	OsR498G1221087900.01.T02	CCR4-NOT transcription complex subunit 11
maker-12-augustus-gene-53.41-mRNA-1	Japonica	Indica	CC-NBS-TM	Os09g0517200	OsR498G1221092300.01.T02	Disease resistance protein RPM1
maker-12-augustus-gene-53.42-mRNA-1	Japonica	NA		Os12g0198200	OsR498G1221088800.01.T01	PPM-type phosphatase domain-containing protein
maker-12-augustus-gene-53.44-mRNA-1	Japonica	NA		Os12g0198400		
maker-12-augustus-gene-53.45-mRNA-1	Japonica	NA			OsR498G1221090600.01.T01	
maker-12-augustus-gene-54.35-mRNA-1	Japonica	NA				Caffeate O-methyltransferase-1 (Fragment)
maker-12-augustus-gene-56.10-mRNA-1	Japonica	NA			OsR498G1221096000.01.T05	Methyltransferase
maker-12-augustus-gene-56.2-mRNA-1	Japonica	Japonica		Os12g0202800	OsR498G1221094300.01.T02	Putative inactive methyltransferase
maker-12-augustus-gene-56.4-mRNA-1	Japonica	NA	Kinase-TM	Os11g0242500	OsR498G1119688900.01.T03	Serine/threonine-protein kinase
maker-12-augustus-gene-56.8-mRNA-1	Japonica	NA			OsR498G1221096900.01.T01	Aquaporin
maker-12-augustus-gene-58.16-mRNA-1	Japonica	NA		Os12g0207000	OsR498G1221103500.01.T01	MADS domain transporter AGL11
maker-12-augustus-gene-58.18-mRNA-1	Japonica	NA		Os12g0207200	OsR498G1221103700.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class, expressed
maker-12-augustus-gene-58.20-mRNA-1	Japonica	NA		Os12g0207300	OsR498G1221104100.01.T02	AP complex subunit sigma
maker-12-augustus-gene-59.23-mRNA-1	Japonica	NA			OsR498G1221106700.01.T04	28S ribosomal protein S23
maker-12-augustus-gene-59.26-mRNA-1	Japonica	NA		Os12g0209200	OsR498G1221107500.01.T01	B-box zinc finger protein 20
maker-12-augustus-gene-59.28-mRNA-1	Japonica	NA		Os12g0209700	OsR498G1221108500.01.T01	PHD domain-containing protein
maker-12-augustus-gene-59.35-mRNA-1	Japonica	NA		Os12g0209000	OsR498G1221106400.01.T02	AAA domain-containing protein (Fragment)
maker-12-augustus-gene-59.41-mRNA-1	Japonica	NA		Os12g0209300	OsR498G1221107800.01.T02	ATPase, AAA family protein, expressed
maker-12-augustus-gene-6.0-mRNA-1	Japonica	Indica		Os12g0110400	OsR498G1220815500.01.T04	Plastid transcriptionally active 6
maker-12-augustus-gene-6.10-mRNA-1	Japonica	Japonica		Os11g0112150	OsR498G1220816700.01.T02	Proteoglycan 4-like
maker-12-augustus-gene-6.16-mRNA-1	Japonica	NA		Os12g0112000	OsR498G1220818100.01.T01	Peroxidase
maker-12-augustus-gene-6.25-mRNA-1	Japonica	NA		Os12g0112300	OsR498G1220818700.01.T05	ADP,ATP carrier protein (Fragment)
maker-12-augustus-gene-6.33-mRNA-1	Japonica	NA			OsR498G1220819100.01.T01	AAI domain-containing protein (Fragment)
maker-12-augustus-gene-6.35-mRNA-1	Japonica	NA			OsR498G1220814400.01.T03	DRBM domain-containing protein
maker-12-augustus-gene-6.39-mRNA-1	Japonica	NA		Os12g0110000	OsR498G1220814600.01.T02	Regulatory-associated protein of TOR 1
maker-12-augustus-gene-6.5-mRNA-1	Japonica	Indica		Os11g0111800	OsR498G1220815900.01.T01	Transcription factor bHLH61 like
maker-12-augustus-gene-6.53-mRNA-1	Japonica	NA		Os12g0110100	OsR498G1220815000.01.T04	Alpha/beta-Hydrolases superfamily protein
maker-12-augustus-gene-6.57-mRNA-1	Japonica	NA		Os12g0110300	OsR498G1220815400.01.T01	lwr1 domain-containing protein
maker-12-augustus-gene-6.63-mRNA-1	Japonica	NA		Os12g0111500	OsR498G1119309400.01.T01	BTB domain-containing protein (Fragment)
maker-12-augustus-gene-6.65-mRNA-1	Japonica	NA		Os11g0112000	OsR498G1119309800.01.T03	HIG1 domain-containing protein (Fragment)
maker-12-augustus-gene-6.67-mRNA-1	Japonica	Japonica		Os12g0111900	OsR498G1119310800.01.T01	Biogenesis of lysosome-related organelles complex 1 subunit 1
maker-12-augustus-gene-60.24-mRNA-1	Japonica	NA		Os12g0210200	OsR498G1221109700.01.T07	Glutathione transferase18
maker-12-augustus-gene-60.27-mRNA-1	Japonica	Japonica		Os12g0210300	OsR498G1221109700.01.T07	Glutathione transferase18
maker-12-augustus-gene-60.29-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os12g0210400	OsR498G1221109900.01.T01	Leucine-rich repeat receptor-like protein kinase
maker-12-augustus-gene-60.38-mRNA-1	Japonica	NA		Os07g0652800		3-deoxy-8-phosphooctulonate synthase

maker-12-augustus-gene-60.44-mRNA-1	Japonica	Japonica		Os12g0211000	OsR498G1221112500.01.T01	RING-type domain-containing protein
maker-12-augustus-gene-60.46-mRNA-1	Japonica	NA		Os12g0211100	OsR498G1221113500.01.T01	Peptidase A1 domain-containing protein
maker-12-augustus-gene-60.49-mRNA-1	Japonica	NA			OsR498G1221114100.01.T01	Retrotransposon protein, putative, unclassified
maker-12-augustus-gene-60.52-mRNA-1	Japonica	NA				
maker-12-augustus-gene-60.55-mRNA-1	Japonica	NA				Retrotransposon protein, putative, unclassified
maker-12-augustus-gene-60.57-mRNA-1	Japonica	NA		Os12g0211400	OsR498G1221115300.01.T01	Adenine DNA glycosylase
maker-12-augustus-gene-64.30-mRNA-1	Japonica	NA		Os12g0217300	OsR498G1221121400.01.T01	
maker-12-augustus-gene-65.27-mRNA-1	Japonica	NA			OsR498G1221129600.01.T03	Reverse transcriptase domain-containing protein
maker-12-augustus-gene-66.35-mRNA-1	Japonica	NA		Os04g0184800	OsR498G0204883800.01.T01	Transposon protein, putative, Mutator sub-class
maker-12-augustus-gene-67.20-mRNA-1	Japonica	NA		Os03g0154300	OsR498G1119934800.01.T01	
maker-12-augustus-gene-69.0-mRNA-1	Japonica	NA		Os12g0223300	OsR498G1221135300.01.T01	Cytochrome b5-like Heme/Steroid binding domain containing protein, expressed
maker-12-augustus-gene-69.3-mRNA-1	Japonica	NA			OsR498G1221137200.01.T04	Diacylglycerol kinase
maker-12-augustus-gene-69.8-mRNA-1	Japonica	Indica		Os12g0224400	OsR498G1221138400.01.T01	probable xyloglucan galactosyltransferase GT19
maker-12-augustus-gene-7.0-mRNA-1	Japonica	NA		Os12g0112600	OsR498G1220819500.01.T01	Stress response protein nst1-like isoform X1
maker-12-augustus-gene-7.13-mRNA-1	Japonica	NA		Os11g0114700	OsR498G1220847100.01.T02	Nucleotidyltransferase family protein, putative, expressed
maker-12-augustus-gene-7.2-mRNA-1	Japonica	NA		Os11g0113300	OsR498G1220819900.01.T01	Serine/arginine-rich splicing factor like
maker-12-augustus-gene-7.4-mRNA-1	Japonica	Indica		Os12g0114500	OsR498G1220846600.01.T01	Non-specific lipid-transfer protein (Fragment)
maker-12-augustus-gene-7.6-mRNA-1	Japonica	NA		Os11g0113100	OsR498G1119313200.01.T01	Phosphoglucan phosphatase
maker-12-augustus-gene-7.9-mRNA-1	Japonica	NA	Kinase	Os12g0114100	OsR498G1220847300.01.T01	probable serine/threonine-protein kinase WNK5
maker-12-augustus-gene-70.0-mRNA-1	Japonica	Indica		Os12g0225200	OsR498G1221142300.01.T01	Outer envelope pore protein 37 chloroplastic
maker-12-augustus-gene-70.11-mRNA-1	Japonica	Indica		Os11g0248200	OsR498G1221142200.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-12-augustus-gene-70.6-mRNA-1	Japonica	NA		Os12g0224500	OsR498G1221138800.01.T02	Putative histone-lysine N-methyltransferase chromatin regulator PHD family
maker-12-augustus-gene-71.0-mRNA-1	Japonica	Indica		Os12g0226900	OsR498G1221145100.01.T04	NADP-dependent oxidoreductase P1, putative, expressed
maker-12-augustus-gene-71.10-mRNA-1	Japonica	Indica		Os12g0226300	OsR498G1221146500.01.T01	
maker-12-augustus-gene-71.12-mRNA-1	Japonica	NA		Os12g0226700	OsR498G1221146700.01.T01	NADP-dependent oxidoreductase P2, putative, expressed
maker-12-augustus-gene-71.16-mRNA-1	Japonica	NA		Os12g0226900	OsR498G1221146900.01.T01	NADP-dependent alkenal double bond reductase P1
maker-12-augustus-gene-71.22-mRNA-1	Japonica	NA		Os12g0227500	OsR498G1221147900.01.T01	Dirigent protein (Fragment)
maker-12-augustus-gene-71.4-mRNA-1	Japonica	NA				Putative NADP-dependent oxidoreductase P1
maker-12-augustus-gene-72.0-mRNA-1	Japonica	NA				Jacalin-like lectin domain containing protein, expressed
maker-12-augustus-gene-72.11-mRNA-1	Japonica	NA			OsR498G1221152200.01.T02	Leucine Rich Repeat family protein, expressed
maker-12-augustus-gene-72.17-mRNA-1	Japonica	NA				Transposon protein, putative, CACTA, En/Spm sub-class
maker-12-augustus-gene-72.2-mRNA-1	Japonica	NA			OsR498G1221150600.01.T01	Carboxymethylenebutenolidase homolog
maker-12-augustus-gene-72.4-mRNA-1	Japonica	NA			OsR498G1221151000.01.T03	Putative chaperonin Cpn60/TCF-1 family, groEL-like apical domain, groEL-like
maker-12-augustus-gene-72.8-mRNA-1	Japonica	NA				NAM-associated domain-containing protein
maker-12-augustus-gene-73.27-mRNA-1	Japonica	NA			OsR498G1221155300.01.T01	PGG domain-containing protein
maker-12-augustus-gene-73.29-mRNA-1	Japonica	NA		Os12g0230200	OsR498G1221156900.01.T01	Calcium-dependent protein kinase
maker-12-augustus-gene-73.31-mRNA-1	Japonica	NA		Os12g0230600	OsR498G1221157700.01.T01	
maker-12-augustus-gene-73.34-mRNA-1	Japonica	NA		Os12g0230100	OsR498G1221155800.01.T02	ATP-dependent Clp protease ATP-binding subunit clpA like CD4B, chloroplastic
maker-12-augustus-gene-74.1-mRNA-1	Japonica	NA		Os12g0231000	OsR498G1221158500.01.T01	Peptide transporter PTR5
maker-12-augustus-gene-74.11-mRNA-1	Japonica	NA			OsR498G1221158800.01.T01	KAT8 regulatory NSL complex subunit 2
maker-12-augustus-gene-74.13-mRNA-1	Japonica	NA				RWP-RK domain containing protein
maker-12-augustus-gene-74.4-mRNA-1	Japonica	NA		Os01g0650700		
maker-12-augustus-gene-74.6-mRNA-1	Japonica	NA			OsR498G0714279400.01.T01	Hydroxyproline-rich glycoprotein-like
maker-12-augustus-gene-74.9-mRNA-1	Japonica	Indica		Os01g0218500	OsR498G1221161500.01.T01	TWIN SISTER of FT protein, putative, expressed
maker-12-augustus-gene-75.0-mRNA-1	Japonica	Indica		Os12g0233100	OsR498G1221165700.01.T01	WW domain containing protein, expressed
maker-12-augustus-gene-75.10-mRNA-1	Japonica	NA			OsR498G1221166500.01.T01	Secretory pathway Sec39
maker-12-augustus-gene-75.14-mRNA-1	Japonica	NA			OsR498G0407513400.01.T01	Hydroxyproline-rich glycoprotein-like
maker-12-augustus-gene-75.16-mRNA-1	Japonica	NA		Os12g0233800	OsR498G1221167000.01.T02	Transcription factor HBP-1a
maker-12-augustus-gene-75.2-mRNA-1	Japonica	NA		Os12g0233300	OsR498G1221165900.01.T03	HIT domain-containing protein (Fragment)
maker-12-augustus-gene-75.7-mRNA-1	Japonica	NA		Os12g0233400	OsR498G1221166100.01.T06	C2H2-type domain-containing protein (Fragment)
maker-12-augustus-gene-76.35-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os11g0300600	OsR498G1221171100.01.T01	Putative inactive leucine-rich repeat receptor-like protein kinase
maker-12-augustus-gene-76.37-mRNA-1	Japonica	NA		Os12g0235800	OsR498G1221171700.01.T01	Citrulline--aspartate ligase
maker-12-augustus-gene-76.42-mRNA-1	Japonica	NA			OsR498G1221169000.01.T02	
maker-12-augustus-gene-76.44-mRNA-1	Japonica	NA			OsR498G1221172000.01.T02	C2 NT-type domain-containing protein
maker-12-augustus-gene-77.0-mRNA-1	Japonica	NA		Os12g0236400	OsR498G1221174100.01.T01	Adenylate kinase
maker-12-augustus-gene-77.11-mRNA-1	Japonica	NA			OsR498G1221172800.01.T01	Cullin, N-terminal
maker-12-augustus-gene-77.13-mRNA-1	Japonica	NA		Os12g0236500	OsR498G1221175000.01.T02	Zn-dependent exopeptidases superfamily protein (Fragment)
maker-12-augustus-gene-77.3-mRNA-1	Japonica	NA		Os09g0278300		1-phosphatidylinositol-3-phosphate 5-kinase
maker-12-augustus-gene-77.8-mRNA-1	Japonica	NA		Os12g0236900	OsR498G1221179700.01.T01	Histone-lysine N-methyltransferase
maker-12-augustus-gene-78.0-mRNA-1	Japonica	NA			OsR498G1221180400.01.T01	
maker-12-augustus-gene-78.2-mRNA-1	Japonica	NA		Os12g0238000	OsR498G1221183200.01.T01	Myb-like DNA-binding domain containing protein, expressed

maker-12-augustus-gene-78.9-mRNA-1	Japonica	NA		Os12g0238100	OsR498G1221184600.01.T01	Exocyst complex component 5
maker-12-augustus-gene-79.16-mRNA-1	Japonica	Japonica		Os12g0238900	OsR498G1221185500.01.T02	Glycosyltransferase, HGA-like, putative, expressed
maker-12-augustus-gene-79.18-mRNA-1	Japonica	NA		Os12g0239000	OsR498G1221186200.01.T01	Proline-rich family protein
maker-12-augustus-gene-79.23-mRNA-1	Japonica	Indica		Os12g0239200	OsR498G1221186800.01.T03	Proline-rich family protein
maker-12-augustus-gene-79.26-mRNA-1	Japonica	NA				ABC transporter domain-containing protein
maker-12-augustus-gene-8.47-mRNA-1	Japonica	NA		Os12g0115900	OsR498G1220842800.01.T03	EFP domain-containing protein
maker-12-augustus-gene-8.54-mRNA-1	Japonica	NA		Os01g0874300	OsR498G0409243500.01.T01	MYB transcription factor MYB5
maker-12-augustus-gene-8.56-mRNA-1	Japonica	NA		Os12g0115700	OsR498G1220843100.01.T03	Chalcone-flavonone isomerase family protein (Fragment)
maker-12-augustus-gene-8.63-mRNA-1	Japonica	NA		Os12g0116000	OsR498G1220842300.01.T01	Vacuolar-sorting receptor 1
maker-12-augustus-gene-8.67-mRNA-1	Japonica	NA		Os11g0116900	OsR498G1220841100.01.T01	WRKY DNA binding domain containing protein, expressed
maker-12-augustus-gene-8.70-mRNA-1	Japonica	NA		Os11g0117400	OsR498G1119327000.01.T01	WRKY DNA binding domain containing protein, expressed
maker-12-augustus-gene-8.72-mRNA-1	Japonica	Indica		Os11g0117500	OsR498G1220839300.01.T01	WRKY transcription factor 64
maker-12-augustus-gene-8.75-mRNA-1	Japonica	Indica		Os11g0117600	OsR498G1220838500.01.T02	WRKY DNA binding domain containing protein, expressed
maker-12-augustus-gene-80.24-mRNA-1	Japonica	NA		Os04g0597400	OsR498G0409209500.01.T01	Peptide transporter PTR2
maker-12-augustus-gene-80.25-mRNA-1	Japonica	NA		Os12g0240900	OsR498G1221191800.01.T01	Tricetin 3',4',5'-O-trimethyltransferase
maker-12-augustus-gene-81.28-mRNA-1	Japonica	Indica		Os12g0242700	OsR498G1221198900.01.T04	Beta-ketoacyl-acyl carrier protein reductase
maker-12-augustus-gene-81.31-mRNA-1	Japonica	NA		Os12g0242900	OsR498G1221199400.01.T01	DNA polymerase alpha subunit B
maker-12-augustus-gene-82.0-mRNA-1	Japonica	NA				
maker-12-augustus-gene-82.10-mRNA-1	Japonica	NA		Os12g0244500	OsR498G1221201400.01.T01	Ribosome biogenesis protein slx9-like
maker-12-augustus-gene-82.2-mRNA-1	Japonica	NA		Os12g0244100	OsR498G1221200700.01.T01	Molecular chaperones mortalin/PBP74/GRP75, HSP70 superfamily
maker-12-augustus-gene-82.6-mRNA-1	Japonica	NA		Os12g0244400	OsR498G1221201100.01.T01	Lysine histidine transporter like
maker-12-augustus-gene-82.8-mRNA-1	Japonica	Japonica		Os12g0245100	OsR498G1221203300.01.T01	
maker-12-augustus-gene-85.0-mRNA-1	Japonica	NA			OsR498G0612461700.01.T02	
maker-12-augustus-gene-85.2-mRNA-1	Japonica	Indica		Os03g0853200	OsR498G1221215500.01.T01	FeS cluster assembly protein sufB
maker-12-augustus-gene-85.4-mRNA-1	Japonica	Japonica	Kinase-TM	Os12g0248000	OsR498G1221217600.01.T01	Interleukin-1 receptor-associated kinase 4
maker-12-augustus-gene-86.0-mRNA-1	Japonica	Indica	Kinase-TM	Os12g0249900	OsR498G1221216600.01.T01	Protein kinase domain-containing protein
maker-12-augustus-gene-86.2-mRNA-1	Japonica	NA	Kinase-TM	Os12g0249900		Proline-rich receptor-like protein kinase PERK2 isoform X2
maker-12-augustus-gene-9.0-mRNA-1	Japonica	NA		Os12g0117100	OsR498G1220836800.01.T01	Methylesterase 17
maker-12-augustus-gene-9.18-mRNA-1	Japonica	Indica		Os12g0118900	OsR498G1220832200.01.T02	Secologanin synthase
maker-12-augustus-gene-9.21-mRNA-1	Japonica	NA		Os12g0119000	OsR498G1220832200.01.T01	Secologanin synthase
maker-12-augustus-gene-9.23-mRNA-1	Japonica	Indica		Os12g0119700	OsR498G1119333300.01.T02	Retrotransposon protein, putative, Ty1-copia subclass
maker-12-augustus-gene-9.25-mRNA-1	Japonica	NA		Os12g0119500	OsR498G1220831200.01.T01	Eukaryotic translation initiation factor 3 subunit B
maker-12-augustus-gene-9.27-mRNA-1	Japonica	NA		Os11g0117700	OsR498G1220837700.01.T01	
maker-12-augustus-gene-9.29-mRNA-1	Japonica	NA		Os12g0117250	OsR498G1220836100.01.T01	Mannan endo-1,4-beta-mannosidase
maker-12-augustus-gene-9.32-mRNA-1	Japonica	NA		Os12g0117600	OsR498G1220834900.01.T01	BTB/POZ domain-containing protein At3g08570
maker-12-augustus-gene-9.34-mRNA-1	Japonica	NA		Os12g0117800	OsR498G1119331000.01.T02	NAM-associated domain-containing protein
maker-12-augustus-gene-9.35-mRNA-1	Japonica	NA		Os11g0118800	OsR498G1220834100.01.T01	Zinc finger CCH domain protein
maker-12-augustus-gene-9.4-mRNA-1	Japonica	NA		Os12g0117200	OsR498G1220836400.01.T03	AB hydrolase-1 domain-containing protein
maker-12-augustus-gene-9.9-mRNA-1	Japonica	Japonica		Os12g0118400	OsR498G1119332100.01.T03	2-hydroxy-6-oxononadienedioate/2-hydroxy-6-oxononatrienedioate hydrolase
maker-12-augustus-gene-90.37-mRNA-1	Japonica	NA		Os12g0256000	OsR498G1221220100.01.T01	CXE carboxylesterase
maker-12-augustus-gene-90.39-mRNA-1	Japonica	Japonica		Os12g0256300	OsR498G1221220300.01.T01	Putative pre-mRNA-splicing factor cwc-22
maker-12-augustus-gene-90.46-mRNA-1	Japonica	NA			OsR498G1221221500.01.T01	PMD domain-containing protein
maker-12-augustus-gene-90.50-mRNA-1	Japonica	NA		Os12g0257000	OsR498G1221222200.01.T03	Carboxypeptidase
maker-12-augustus-gene-91.0-mRNA-1	Japonica	Indica		Os12g0259800	OsR498G1221223500.01.T01	Laccase
maker-12-augustus-gene-91.3-mRNA-1	Japonica	NA	Kinase-TM	Os12g0257900	OsR498G1221224100.01.T01	Non-specific serine/threonine protein kinase
maker-12-augustus-gene-91.5-mRNA-1	Japonica	NA		Os12g0258200	OsR498G1221224400.01.T03	DnaJ protein ERD17
maker-12-augustus-gene-92.32-mRNA-1	Japonica	NA		Os12g0258700	OsR498G1221227900.01.T01	Laccase
maker-12-augustus-gene-93.0-mRNA-1	Japonica	NA		Os12g0259800	OsR498G1221230900.01.T01	Laccase
maker-12-augustus-gene-93.3-mRNA-1	Japonica	NA		Os08g0514800		PtTA/En/Spm family plant transposase
maker-12-augustus-gene-93.6-mRNA-1	Japonica	NA		Os12g0260500	OsR498G1221233200.01.T01	Putative sex determination protein tasselseed 2
maker-12-augustus-gene-94.20-mRNA-1	Japonica	Indica		Os12g0551200	OsR498G1221234700.01.T01	Disease resistance protein
maker-12-augustus-gene-94.23-mRNA-1	Japonica	NA		Os12g0261300	OsR498G1221234900.01.T01	Retrotransposon protein, putative, unclassified, expressed
maker-12-augustus-gene-94.25-mRNA-1	Japonica	NA			OsR498G1221237400.01.T01	CCT domain-containing protein (Fragment)
maker-12-augustus-gene-95.32-mRNA-1	Japonica	NA		Os12g0262700	OsR498G1221238700.01.T01	Caffeoylshikimate esterase
maker-12-augustus-gene-95.36-mRNA-1	Japonica	Indica		Os12g0263000	OsR498G1221239800.01.T02	Glutathione synthetase
maker-12-augustus-gene-95.46-mRNA-1	Japonica	NA		Os12g0263100	OsR498G1221240800.01.T01	S-acyltransferase
maker-12-augustus-gene-95.48-mRNA-1	Japonica	Indica		Os12g0265100	OsR498G1221241000.01.T01	S-acyltransferase
maker-12-augustus-gene-95.50-mRNA-1	Japonica	NA		Os12g0263200	OsR498G1221241000.01.T03	NmrA domain-containing protein
maker-12-augustus-gene-95.52-mRNA-1	Japonica	Indica		Os12g0263200	OsR498G1221242000.01.T03	S-acyltransferase
maker-12-augustus-gene-95.60-mRNA-1	Japonica	NA			OsR498G1221244600.01.T01	Cytokinin inducible protein-like
maker-12-augustus-gene-96.0-mRNA-1	Japonica	NA				3-hydroxyisobutyryl-coenzyme A hydrolase, putative, expressed

maker-12-augustus-gene-96.18-mRNA-1	Japonica	NA		Os12g0265100	OsR498G1221249000.01.T01	NmrA domain-containing protein (Fragment)
maker-12-augustus-gene-97.0-mRNA-1	Japonica	NA				Hydroxyproline O-galactosyltransferase
maker-12-augustus-gene-97.1-mRNA-1	Japonica	Indica		Os12g0265600	OsR498G1221250200.01.T04	Galectin domain-containing protein (Fragment)
maker-12-augustus-gene-97.10-mRNA-1	Japonica	NA		Os12g0266200	OsR498G1221252200.01.T03	Wall-associated receptor kinase 3
maker-12-augustus-gene-97.8-mRNA-1	Japonica	Japonica	CC-Kinase-TM	Os12g0265900	OsR498G1221251800.01.T01	Wall-associated receptor kinase 2
maker-12-augustus-gene-98.0-mRNA-1	Japonica	Japonica		Os12g0267100	OsR498G0714282700.01.T02	Cyclopropane fatty acid synthase
maker-12-augustus-gene-98.2-mRNA-1	Japonica	Japonica		Os12g0267200	OsR498G1221257500.01.T01	Mycolic acid cyclopropane synthase
maker-12-augustus-gene-98.6-mRNA-1	Japonica	NA		Os12g0267900	OsR498G1221260700.01.T01	Zinc finger, RING-type
maker-12-augustus-gene-98.9-mRNA-1	Japonica	NA			OsR498G1221261800.01.T01	Tryptamine 5-hydroxylase
maker-2-augustus-gene-1.42-mRNA-1	Japonica	Indica		Os02g0101900	OsR498G0202802900.01.T01	Homeobox protein engrailed-1
maker-2-augustus-gene-1.45-mRNA-1	Japonica	NA		Os02g0102200	OsR498G0202803900.01.T01	Amino acid transporter, transmembrane
maker-2-augustus-gene-1.48-mRNA-1	Japonica	NA		Os02g0102300	OsR498G0202804500.01.T01	Rhodanese domain-containing protein
maker-2-augustus-gene-1.50-mRNA-1	Japonica	NA		Os02g0102600	OsR498G0202805100.01.T01	ATP-dependent Clp protease proteolytic subunit 4
maker-2-augustus-gene-1.52-mRNA-1	Japonica	NA		Os02g0102800	OsR498G0202805500.01.T01	Protein ENHANCED DISEASE RESISTANCE 2
maker-2-augustus-gene-1.54-mRNA-1	Japonica	NA		Os02g0102900	OsR498G0202806100.01.T05	RuBisCO large subunit-binding protein subunit beta
maker-2-augustus-gene-1.82-mRNA-1	Japonica	NA			OsR498G0202804800.01.T01	Ribosomal protein S5
maker-2-augustus-gene-1.87-mRNA-1	Japonica	NA		Os02g0102700	OsR498G0202805400.01.T01	Small nuclear ribonucleoprotein Sm D3
maker-2-augustus-gene-100.28-mRNA-1	Japonica	NA		Os02g0273000	OsR498G0203396500.01.T01	Uridine kinase
maker-2-augustus-gene-100.35-mRNA-1	Japonica	Indica	CC-LRR-NBS-TM	Os02g0272900	OsR498G0203396700.01.T01	AAA domain-containing protein
maker-2-augustus-gene-100.39-mRNA-1	Japonica	NA		Os02g0273700	OsR498G0203398500.01.T02	VHS and GAT domain protein
maker-2-augustus-gene-100.44-mRNA-1	Japonica	Indica		Os02g0274000	OsR498G0203399500.01.T01	
maker-2-augustus-gene-100.48-mRNA-1	Japonica	NA		Os02g0274100	OsR498G0203400100.01.T02	3-hydroxyacyl-CoA dehydrogenase
maker-2-augustus-gene-100.53-mRNA-1	Japonica	NA		Os02g0273800	OsR498G0203399200.01.T03	Ribonuclease P
maker-2-augustus-gene-100.55-mRNA-1	Japonica	Japonica		Os02g0273900	OsR498G0612559700.01.T02	Ubiquitin carrier protein E2 21 isoform 1
maker-2-augustus-gene-100.57-mRNA-1	Japonica	NA	LRR-TM	Os02g0274200		Receptor-like protein 12
maker-2-augustus-gene-101.41-mRNA-1	Japonica	NA				Putative plastidic glucose transporter 2
maker-2-augustus-gene-101.47-mRNA-1	Japonica	NA		Os02g0275100	OsR498G0203402100.01.T02	Cytochrome c-type biogenesis protein (Fragment)
maker-2-augustus-gene-101.49-mRNA-1	Japonica	NA			OsR498G0203400800.01.T03	CRC domain-containing protein
maker-2-augustus-gene-101.53-mRNA-1	Japonica	NA		Os02g0275200	OsR498G0203402400.01.T01	Fucosyltransferase
maker-2-augustus-gene-102.10-mRNA-1	Japonica	NA		Os02g0276400	OsR498G0203404200.01.T01	Putative inactive nicotinamidase
maker-2-augustus-gene-102.14-mRNA-1	Japonica	NA		Os02g0276500	OsR498G0203404400.01.T03	Tocopherol cyclase, chloroplastic
maker-2-augustus-gene-102.18-mRNA-1	Japonica	NA		Os02g0276900	OsR498G0203406200.01.T05	Transcription factor bHLH68
maker-2-augustus-gene-102.24-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0203410200.01.T02	Putative leucine-rich repeat receptor-like protein kinase
maker-2-augustus-gene-102.7-mRNA-1	Japonica	NA			OsR498G0203403000.01.T01	Putative inactive nicotinamidase isoform B
maker-2-augustus-gene-103.0-mRNA-1	Japonica	Japonica		Os02g0278400	OsR498G0203410500.01.T01	Ent-isokaurene C2-hydroxylase
maker-2-augustus-gene-103.2-mRNA-1	Japonica	NA		Os02g0279600	OsR498G0203413500.01.T01	Tobamovirus multiplication protein 2B
maker-2-augustus-gene-103.4-mRNA-1	Japonica	NA		Os02g0278700	OsR498G0203410800.01.T01	Ent-copalyl diphosphate synthase
maker-2-augustus-gene-104.0-mRNA-1	Japonica	NA				
maker-2-augustus-gene-104.12-mRNA-1	Japonica	Japonica		Os02g0280700	OsR498G0611713700.01.T03	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-2-augustus-gene-104.16-mRNA-1	Japonica	NA		Os02g0281000	OsR498G0203419100.01.T05	Protein-serine/threonine phosphatase
maker-2-augustus-gene-104.2-mRNA-1	Japonica	NA		Os02g0280200	OsR498G0203415300.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-2-augustus-gene-104.20-mRNA-1	Japonica	NA		Os02g0280100	OsR498G0203415200.01.T02	MFAP1 domain-containing protein
maker-2-augustus-gene-104.22-mRNA-1	Japonica	Indica		Os05g0230900	OsR498G0203417000.01.T02	Glyoxalase I
maker-2-augustus-gene-104.23-mRNA-1	Japonica	Indica		Os05g0230900	OsR498G0203417000.01.T02	Glyoxalase I
maker-2-augustus-gene-104.6-mRNA-1	Japonica	NA		Os02g0280400	OsR498G0203416700.01.T05	Casein kinase I
maker-2-augustus-gene-105.26-mRNA-1	Japonica	NA			OsR498G0203419700.01.T02	RNI-like superfamily protein isoform 1
maker-2-augustus-gene-105.32-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os02g0281900	OsR498G0203420100.01.T02	Disease resistance protein RGA2
maker-2-augustus-gene-105.34-mRNA-1	Japonica	NA		Os02g0282100	OsR498G0203421200.01.T01	39S ribosomal protein L53
maker-2-augustus-gene-106.0-mRNA-1	Japonica	NA		Os02g0282900	OsR498G0203421800.01.T01	ATP-binding cassette sub-family E member 1
maker-2-augustus-gene-111.39-mRNA-1	Japonica	NA		Os02g0292100		GDSL-motif lipase/hydrolase-like
maker-2-augustus-gene-111.42-mRNA-1	Japonica	NA		Os02g0292600	OsR498G0203459900.01.T02	GDSL esterase/lipase
maker-2-augustus-gene-111.54-mRNA-1	Japonica	NA		Os02g0292800	OsR498G0203461200.01.T01	DUF599 domain-containing protein
maker-2-augustus-gene-112.0-mRNA-1	Japonica	NA			OsR498G0203461500.01.T01	Factor of DNA methylation 2
maker-2-augustus-gene-112.10-mRNA-1	Japonica	Indica		Os01g0886600	OsR498G0203462400.01.T01	ATP-dependent Clp protease ATP-binding subunit clpX
maker-2-augustus-gene-112.19-mRNA-1	Japonica	NA		Os02g0295700	OsR498G0203464600.01.T03	Topoisomerase II-associated protein PAT1
maker-2-augustus-gene-112.2-mRNA-1	Japonica	Indica		Os02g0293800	OsR498G0203463300.01.T01	zf-RVT domain-containing protein
maker-2-augustus-gene-112.4-mRNA-1	Japonica	NA			OsR498G0203464300.01.T01	WD repeat-containing protein 26
maker-2-augustus-gene-112.8-mRNA-1	Japonica	NA		Os02g0293400	OsR498G0203461800.01.T01	RING-type E3 ubiquitin transferase
maker-2-augustus-gene-113.0-mRNA-1	Japonica	NA		Os02g0295700	OsR498G0203474200.01.T03	Topoisomerase II-associated protein PAT1
maker-2-augustus-gene-113.3-mRNA-1	Japonica	NA		Os02g0296300	OsR498G0203475200.01.T01	
maker-2-augustus-gene-113.6-mRNA-1	Japonica	Indica		Os04g0613400	OsR498G0203475400.01.T01	CCR4-NOT transcription complex subunit 9-like

maker-2-augustus-gene-114.30-mRNA-1	Japonica	NA			OsR498G0203722500.01.T01	Cytokinin inducible protein-like
maker-2-augustus-gene-114.31-mRNA-1	Japonica	NA		Os02g0297600	OsR498G0203478900.01.T06	Lysine ketoglutarate reductase trans-splicing related 1
maker-2-augustus-gene-114.38-mRNA-1	Japonica	NA			OsR498G0203476400.01.T02	Cobalamin (Vitamin B12) biosynthesis CbiX
maker-2-augustus-gene-115.0-mRNA-1	Japonica	NA		Os02g0299200	OsR498G0203486100.01.T02	Calmodulin-binding protein-like
maker-2-augustus-gene-115.1-mRNA-1	Japonica	NA		Os02g0299200	OsR498G0203486100.01.T03	Calmodulin-binding protein-like
maker-2-augustus-gene-115.12-mRNA-1	Japonica	NA		Os02g0299600	OsR498G0203488400.01.T01	
maker-2-augustus-gene-115.14-mRNA-1	Japonica	NA				Phosphate synthase-like
maker-2-augustus-gene-115.6-mRNA-1	Japonica	NA	CC-LRR-NBS-TM		OsR498G0203491300.01.T01	Putative stripe rust resistance protein Yr10
maker-2-augustus-gene-115.8-mRNA-1	Japonica	Indica		Os02g0299300	OsR498G0203486400.01.T02	AB hydrolase-1 domain-containing protein (Fragment)
maker-2-augustus-gene-116.30-mRNA-1	Japonica	NA		Os02g0301000	OsR498G0203494100.01.T01	Zinc finger CCCH domain-containing protein 1
maker-2-augustus-gene-116.32-mRNA-1	Japonica	NA		Os02g0301100	OsR498G0203495200.01.T02	Bidirectional sugar transporter SWEET
maker-2-augustus-gene-117.41-mRNA-1	Japonica	Indica		Os06g0343100	OsR498G0203498500.01.T01	RNA helicase
maker-2-augustus-gene-117.44-mRNA-1	Japonica	Indica		Os04g0613400	OsR498G0203500500.01.T01	CCR4-NOT transcription complex subunit 9
maker-2-augustus-gene-117.46-mRNA-1	Japonica	NA		Os02g0302400		probable aminotransferase TAT2 isoform X3
maker-2-augustus-gene-117.48-mRNA-1	Japonica	NA		Os02g0301400		Zinc finger MYM-type protein 1
maker-2-augustus-gene-117.50-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G0203501200.01.T03	LZ-NBS-LRR class RGA
maker-2-augustus-gene-117.53-mRNA-1	Japonica	NA		Os01g0704400		zf-RVT domain-containing protein
maker-2-augustus-gene-118.37-mRNA-1	Japonica	NA		Os02g0302700	OsR498G0203502900.01.T01	Tyrosine transaminase family protein isoform 1
maker-2-augustus-gene-118.40-mRNA-1	Japonica	NA		Os02g0302900	OsR498G0203503300.01.T02	Reticulon domain-containing protein (Fragment)
maker-2-augustus-gene-119.11-mRNA-1	Japonica	NA		Os02g0305600	OsR498G0203510000.01.T04	
maker-2-augustus-gene-119.6-mRNA-1	Japonica	NA	Kinase-TM			probable serine/threonine-protein kinase At1g54610
maker-2-augustus-gene-119.8-mRNA-1	Japonica	NA		Os02g0304900	OsR498G0203508800.01.T01	Drought-induced 19
maker-2-augustus-gene-120.0-mRNA-1	Japonica	NA		Os02g0306900	OsR498G0203521900.01.T01	Heat-shock protein DnaJ
maker-2-augustus-gene-120.11-mRNA-1	Japonica	NA			OsR498G0203521800.01.T03	
maker-2-augustus-gene-120.14-mRNA-1	Japonica	NA		Os02g0307000	OsR498G0203522400.01.T02	GB1/RHD3-type G domain-containing protein (Fragment)
maker-2-augustus-gene-120.2-mRNA-1	Japonica	NA			OsR498G0203524100.01.T01	DNA excision repair protein like
maker-2-augustus-gene-120.21-mRNA-1	Japonica	Japonica		Os02g0307300	OsR498G0102370200.01.T01	General transcription factor 3C polypeptide 2
maker-2-augustus-gene-120.7-mRNA-1	Japonica	NA			OsR498G0203521400.01.T03	Nicotianamine aminotransferase A
maker-2-augustus-gene-121.33-mRNA-1	Japonica	NA		Os02g0307800	OsR498G0203525300.01.T01	Bidirectional sugar transporter SWEET4 (Fragment)
maker-2-augustus-gene-122.0-mRNA-1	Japonica	NA			OsR498G0203533000.01.T01	
maker-2-augustus-gene-123.0-mRNA-1	Japonica	NA		Os02g0312500	OsR498G0203538300.01.T01	optic atrophy 3 protein homolog
maker-2-augustus-gene-123.10-mRNA-1	Japonica	NA		Os02g0312600	OsR498G0203538600.01.T01	Rac-like GTP-binding protein 7
maker-2-augustus-gene-123.15-mRNA-1	Japonica	Indica		Os02g0312700	OsR498G0203539200.01.T01	ATP synthase mitochondrial F1 complex assembly factor
maker-2-augustus-gene-123.18-mRNA-1	Japonica	NA		Os02g0312800	OsR498G0203539800.01.T01	Negative regulator of systemic acquired resistance
maker-2-augustus-gene-123.3-mRNA-1	Japonica	Indica		Os02g0313400	OsR498G0203541100.01.T01	Apoptosis inhibitory
maker-2-augustus-gene-124.24-mRNA-1	Japonica	NA		Os02g0313500		CHCH domain-containing protein (Fragment)
maker-2-augustus-gene-124.26-mRNA-1	Japonica	NA			OsR498G0203542100.01.T06	DDT domain-containing protein
maker-2-augustus-gene-124.35-mRNA-1	Japonica	NA		Os02g0313700	OsR498G0203542600.01.T02	Calcium-dependent lipid-binding (CaLB domain) family protein
maker-2-augustus-gene-124.41-mRNA-1	Japonica	NA				High affinity cationic amino acid transporter 1
maker-2-augustus-gene-124.43-mRNA-1	Japonica	NA				P-type H(+)-exporting transporter
maker-2-augustus-gene-125.33-mRNA-1	Japonica	Indica		Os02g0633100	OsR498G0203550700.01.T03	B-block binding subunit of TFIIC
maker-2-augustus-gene-125.35-mRNA-1	Japonica	NA		Os02g0316200	OsR498G0203549800.01.T01	F-boxkelch-repeat protein or23
maker-2-augustus-gene-126.33-mRNA-1	Japonica	Indica		Os02g0633100	OsR498G0203550700.01.T05	
maker-2-augustus-gene-126.36-mRNA-1	Japonica	NA		Os02g0317100	OsR498G0203551300.01.T01	DUF295 domain-containing protein
maker-2-augustus-gene-126.38-mRNA-1	Japonica	NA		Os02g0317400	OsR498G0203553300.01.T04	Coatomer subunit zeta
maker-2-augustus-gene-126.41-mRNA-1	Japonica	NA		Os02g0317700	OsR498G0203553900.01.T02	
maker-2-augustus-gene-126.45-mRNA-1	Japonica	Indica		Os02g0318100	OsR498G0203556100.01.T02	Ubiquinol oxidase
maker-2-augustus-gene-126.49-mRNA-1	Japonica	NA		Os02g0317500	OsR498G0203553600.01.T01	F-box protein SKIP19
maker-2-augustus-gene-126.51-mRNA-1	Japonica	Indica		Os02g0317800	OsR498G0203555200.01.T01	Major pollen allergen
maker-2-augustus-gene-127.36-mRNA-1	Japonica	NA		Os02g0319100	OsR498G0203560900.01.T01	RNA recognition motif domain-containing protein
maker-2-augustus-gene-127.42-mRNA-1	Japonica	NA				Cysteine dioxygenase
maker-2-augustus-gene-127.44-mRNA-1	Japonica	Japonica		Os02g0320300	OsR498G0203563400.01.T02	Chalcone--flavonone isomerase
maker-2-augustus-gene-127.48-mRNA-1	Japonica	Indica	NBS-TM	Os02g0318500	OsR498G0203559000.01.T05	PDR-type ABC transporter
maker-2-augustus-gene-127.54-mRNA-1	Japonica	NA			OsR498G0203561600.01.T01	GST C-terminal domain-containing protein (Fragment)
maker-2-augustus-gene-127.58-mRNA-1	Japonica	NA		Os02g0319800	OsR498G0203562000.01.T03	WD repeat-containing protein 25
maker-2-augustus-gene-127.62-mRNA-1	Japonica	Indica		Os02g0320100	OsR498G0203562400.01.T02	28S rRNA (Cytosine-C(5))-methyltransferase
maker-2-augustus-gene-128.35-mRNA-1	Japonica	Japonica		Os02g0320800	OsR498G0203566300.01.T01	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-2-augustus-gene-128.39-mRNA-1	Japonica	NA		Os02g0321500	OsR498G0203567300.01.T02	CRAL-TRIO domain-containing protein C3H8.02-like isoform X1
maker-2-augustus-gene-128.44-mRNA-1	Japonica	NA		Os02g0321800	OsR498G0203567900.01.T01	Endoplasmic reticulum transmembrane protein (Fragment)
maker-2-augustus-gene-128.46-mRNA-1	Japonica	NA		Os02g0321900	OsR498G0203568300.01.T02	OVATE domain-containing protein
maker-2-augustus-gene-129.0-mRNA-1	Japonica	NA	Kinase-TM	Os02g0322400	OsR498G0203569900.01.T01	Putative MAPKKK family protein kinase

maker-2-augustus-gene-129.1-mRNA-1	Japonica	NA			OsR498G0203571800.01.T01	Multidrug resistance protein 1, 2, putative
maker-2-augustus-gene-130.0-mRNA-1	Japonica	NA		Os02g0324300	OsR498G0203578100.01.T02	Nuclear protein-like
maker-2-augustus-gene-130.4-mRNA-1	Japonica	NA		Os02g0324700	OsR498G0203580700.01.T01	Senescence-associated protein
maker-2-augustus-gene-130.6-mRNA-1	Japonica	NA	CC-NBS-TM	Os02g0325100	OsR498G0203583700.01.T01	26S proteasome regulatory subunit 6B homolog
maker-2-augustus-gene-131.32-mRNA-1	Japonica	Japonica		Os02g0325401	OsR498G1119390000.01.T01	Phosphoglycerate mutase family protein, expressed
maker-2-augustus-gene-131.34-mRNA-1	Japonica	NA		Os02g0325600	OsR498G0203585900.01.T01	Myb family transcription factor EFM
maker-2-augustus-gene-131.38-mRNA-1	Japonica	NA		Os02g0326200	OsR498G0203590900.01.T01	RNA recognition motif (RRM)-containing protein-like
maker-2-augustus-gene-131.40-mRNA-1	Japonica	Indica		Os02g0326600	OsR498G0203591500.01.T01	ARF guanine-nucleotide exchange factor GNOM
maker-2-augustus-gene-131.44-mRNA-1	Japonica	NA		Os02g0326700	OsR498G0203592300.01.T04	RHOMBOLD-like protein 9 chloroplastic
maker-2-augustus-gene-131.47-mRNA-1	Japonica	NA		Os02g0327000	OsR498G0203594100.01.T01	C2 calcium-dependent membrane targeting
maker-2-augustus-gene-131.50-mRNA-1	Japonica	NA			OsR498G0203584200.01.T03	Plasma membrane ATPase
maker-2-augustus-gene-131.52-mRNA-1	Japonica	Indica		Os10g0561900	OsR498G0203584200.01.T04	Dual-specificity protein-like phosphatase 1
maker-2-augustus-gene-131.54-mRNA-1	Japonica	NA		Os02g0326000	OsR498G0203590400.01.T02	Putative acyl-activating enzyme 19
maker-2-augustus-gene-132.0-mRNA-1	Japonica	NA			OsR498G1120154400.01.T01	Endonuclease
maker-2-augustus-gene-132.12-mRNA-1	Japonica	NA		Os02g0327700	OsR498G0203596400.01.T01	Protein O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase 2-like
maker-2-augustus-gene-132.6-mRNA-1	Japonica	NA			OsR498G1120154400.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
maker-2-augustus-gene-132.8-mRNA-1	Japonica	NA		Os02g0327100	OsR498G0203594600.01.T01	ADP-ribosylation factor-like protein 2
maker-2-augustus-gene-133.0-mRNA-1	Japonica	NA		Os02g0328300	OsR498G0203601100.01.T03	Fruit protein like
maker-2-augustus-gene-133.11-mRNA-1	Japonica	NA		Os04g0590366	OsR498G0203601400.01.T01	Actin-7
maker-2-augustus-gene-133.13-mRNA-1	Japonica	NA			OsR498G0407699700.01.T05	
maker-2-augustus-gene-133.4-mRNA-1	Japonica	Indica		Os02g0224900	OsR498G0203602700.01.T04	AP-5 complex subunit zeta-1
maker-2-augustus-gene-133.6-mRNA-1	Japonica	NA				AUGMIN subunit 6
maker-2-augustus-gene-133.9-mRNA-1	Japonica	NA		Os02g0329800	OsR498G0203609300.01.T01	Glycosyltransferase family 61 protein
maker-2-augustus-gene-134.38-mRNA-1	Japonica	NA		Os02g0330200	OsR498G0203612300.01.T01	Glycosyltransferase
maker-2-augustus-gene-134.41-mRNA-1	Japonica	NA				
maker-2-augustus-gene-135.0-mRNA-1	Japonica	NA		Os02g0331200	OsR498G0203614100.01.T05	Glycosyltransferase, putative, expressed
maker-2-augustus-gene-135.3-mRNA-1	Japonica	Indica		Os08g0387050	OsR498G0203621100.01.T01	
maker-2-augustus-gene-135.6-mRNA-1	Japonica	NA			OsR498G0203614400.01.T01	
maker-2-augustus-gene-135.8-mRNA-1	Japonica	NA		Os02g0332200	OsR498G0203620800.01.T01	T-complex protein 1 subunit delta
maker-2-augustus-gene-137.8-mRNA-1	Japonica	NA			OsR498G1220780000.01.T03	Tetratricopeptide repeat (TPR)-like superfamily protein
maker-2-augustus-gene-140.19-mRNA-1	Japonica	NA		Os02g0433600	OsR498G0203625700.01.T04	BHLH transcription factor
maker-2-augustus-gene-141.32-mRNA-1	Japonica	NA		Os02g0435000	OsR498G0203632400.01.T01	Translocation protein SEC62
maker-2-augustus-gene-141.38-mRNA-1	Japonica	NA			OsR498G0203633600.01.T04	
maker-2-augustus-gene-141.42-mRNA-1	Japonica	NA		Os02g0436400	OsR498G0203639000.01.T01	4-hydroxy-tetrahydridipicolinate reductase 2 chloroplastic
maker-2-augustus-gene-142.0-mRNA-1	Japonica	NA		Os02g0438200	OsR498G0203646900.01.T02	CDK9 kinase-activating protein cyclin T
maker-2-augustus-gene-142.13-mRNA-1	Japonica	NA			OsR498G0203643800.01.T03	t-SNARE coiled-coil homology domain-containing protein
maker-2-augustus-gene-142.15-mRNA-1	Japonica	NA		Os02g0437800	OsR498G0203645800.01.T07	Vacuolar protein sorting-associated protein 45 isogeny
maker-2-augustus-gene-142.5-mRNA-1	Japonica	Indica	OsSNAP32	Os02g0437200	OsR498G0203643200.01.T06	SNAPous protein SNAP33
maker-2-augustus-gene-143.0-mRNA-1	Japonica	NA			OsR498G0203648500.01.T01	Reverse transcriptase Ty1/copia-type domain-containing protein
maker-2-augustus-gene-143.2-mRNA-1	Japonica	NA		Os02g0439200	OsR498G0203648900.01.T01	Putative WEB family protein chloroplastic
maker-2-augustus-gene-143.4-mRNA-1	Japonica	NA		Os02g0440000	OsR498G0203653400.01.T02	Diaminopimelate decarboxylase
maker-2-augustus-gene-144.0-mRNA-1	Japonica	Indica		Os10g0122600	OsR498G0203657700.01.T01	Phosphatidylinositol/phosphatidylcholine transfer protein SFH12-like
maker-2-augustus-gene-146.2-mRNA-1	Japonica	NA				KARI N-terminal Rossmann domain-containing protein
maker-2-augustus-gene-146.6-mRNA-1	Japonica	Indica		Os02g0701833	OsR498G0203665800.01.T01	ATP-dependent DNA helicase
maker-2-augustus-gene-147.0-mRNA-1	Japonica	NA				Transposon protein, putative, CACTA, En/Spm sub-class
maker-2-augustus-gene-148.0-mRNA-1	Japonica	NA			OsR498G0203677700.01.T01	SWIM-type domain-containing protein
maker-2-augustus-gene-148.3-mRNA-1	Japonica	NA		Os02g0448400	OsR498G0203676600.01.T01	Synaptotagmin-2
maker-2-augustus-gene-151.31-mRNA-1	Japonica	NA		Os01g0372100	OsR498G1018392400.01.T01	
maker-2-augustus-gene-152.0-mRNA-1	Japonica	NA		Os02g0452800		Epimerase domain-containing protein
maker-2-augustus-gene-152.1-mRNA-1	Japonica	NA			OsR498G0203707200.01.T05	SNARE-interacting protein KEULE
maker-2-augustus-gene-152.7-mRNA-1	Japonica	NA		Os02g0453600	OsR498G0203710800.01.T01	Glutelin type-B 5
maker-2-augustus-gene-152.9-mRNA-1	Japonica	Indica		Os08g0114100	OsR498G0203711000.01.T04	
maker-2-augustus-gene-153.32-mRNA-1	Japonica	NA				
maker-2-augustus-gene-154.38-mRNA-1	Japonica	Indica		Os07g0165500	OsR498G0203722500.01.T01	Cytokinin inducible protein-like
maker-2-augustus-gene-154.40-mRNA-1	Japonica	NA			OsR498G0203722700.01.T02	Glutelin type-A 1
maker-2-augustus-gene-154.43-mRNA-1	Japonica	Indica		Os02g0456000	OsR498G0203722400.01.T02	Component of oligomeric Golgi complex 4
maker-2-augustus-gene-154.46-mRNA-1	Japonica	NA		Os02g0456200	OsR498G0203723000.01.T05	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A
maker-2-augustus-gene-154.54-mRNA-1	Japonica	NA				Histone domain-containing protein
maker-2-augustus-gene-155.0-mRNA-1	Japonica	NA		Os02g0458800		GDSL-motif lipase/hydrolase family protein
maker-2-augustus-gene-155.2-mRNA-1	Japonica	NA		Os02g0457500	OsR498G0203727200.01.T01	ankyrin repeat domain-containing protein 17-like
maker-2-augustus-gene-155.4-mRNA-1	Japonica	NA				Sesquiterpene cyclase

maker-2-augustus-gene-155.6-mRNA-1	Japonica	NA			OsR498G0203733000.01.T02	Terpene synthase TPS3
maker-2-augustus-gene-156.40-mRNA-1	Japonica	Indica		Os02g0459800	OsR498G0203738100.01.T01	
maker-2-augustus-gene-156.42-mRNA-1	Japonica	Japonica		Os02g0459300	OsR498G0203736400.01.T01	Microtubule-binding protein TANGLED
maker-2-augustus-gene-157.2-mRNA-1	Japonica	Japonica		Os02g0462000	OsR498G0102635500.01.T01	
maker-2-augustus-gene-157.4-mRNA-1	Japonica	NA		Os02g0462800	OsR498G0203747100.01.T01	HKT12 transporter
maker-2-augustus-gene-157.6-mRNA-1	Japonica	NA		Os02g0461900	OsR498G0203745800.01.T02	Actin associated protein
maker-2-augustus-gene-157.9-mRNA-1	Japonica	NA				Putative extracellular ribonuclease
maker-2-augustus-gene-158.2-mRNA-1	Japonica	NA			OsR498G0203749800.01.T03	Carboxypeptidase
maker-2-augustus-gene-162.21-mRNA-1	Japonica	NA		Os02g0471300	OsR498G0203781300.01.T02	3-hydroxybenzoate 6-hydroxylase 1
maker-2-augustus-gene-162.25-mRNA-1	Japonica	NA				C2 domain-containing protein
maker-2-augustus-gene-162.31-mRNA-1	Japonica	NA		Os02g0471500	OsR498G0203782000.01.T01	Catalytic/protein phosphatase type 2C
maker-2-augustus-gene-163.26-mRNA-1	Japonica	NA	Kinase-TM	Os02g0472700	OsR498G0203785700.01.T05	Putative pathogenesis-related protein 1
maker-2-augustus-gene-163.30-mRNA-1	Japonica	NA				
maker-2-augustus-gene-163.32-mRNA-1	Japonica	NA			OsR498G0917607000.01.T01	
maker-2-augustus-gene-163.34-mRNA-1	Japonica	NA		Os02g0473000	OsR498G0203786400.01.T03	5-amino-6-(5-phosphoribosylamino)uracil reductase
maker-2-augustus-gene-163.39-mRNA-1	Japonica	Japonica		Os02g0473200	OsR498G0203787200.01.T04	Peptidase A1 domain-containing protein
maker-2-augustus-gene-164.0-mRNA-1	Japonica	NA			OsR498G0203789900.01.T01	DNA topoisomerase
maker-2-augustus-gene-164.9-mRNA-1	Japonica	NA				Importin N-terminal domain-containing protein (Fragment)
maker-2-augustus-gene-165.23-mRNA-1	Japonica	NA		Os02g0475300	OsR498G0203794900.01.T02	MACPF domain-containing protein isoform X1
maker-2-augustus-gene-165.28-mRNA-1	Japonica	NA		Os02g0475400	OsR498G0203795300.01.T02	Sodium/metabolite cotransporter like
maker-2-augustus-gene-166.0-mRNA-1	Japonica	NA			OsR498G0203801600.01.T02	Brevis plant1
maker-2-augustus-gene-173.3-mRNA-1	Japonica	NA			OsR498G0203840000.01.T02	Probable UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase
maker-2-augustus-gene-174.35-mRNA-1	Japonica	NA		Os02g0489800		Kinesin-like protein KIN-12A
maker-2-augustus-gene-174.38-mRNA-1	Japonica	NA		Os02g0490000	OsR498G0203841100.01.T01	RING-type E3 ubiquitin transferase
maker-2-augustus-gene-174.40-mRNA-1	Japonica	NA		Os02g0490500	OsR498G0203842300.01.T01	UDP-glucuronosyl/UDP-glucosyltransferase
maker-2-augustus-gene-174.42-mRNA-1	Japonica	Indica		Os02g0491700	OsR498G0203848100.01.T01	
maker-2-augustus-gene-174.45-mRNA-1	Japonica	NA		Os02g0491400	OsR498G0203847400.01.T01	Peptidylprolyl isomerase
maker-2-augustus-gene-174.50-mRNA-1	Japonica	NA		Os02g0491600	OsR498G0203847800.01.T01	
maker-2-augustus-gene-175.31-mRNA-1	Japonica	NA				Kinase D-interacting substrate of 220 kDa
maker-2-augustus-gene-175.33-mRNA-1	Japonica	Indica		Os02g0494400	OsR498G0203851400.01.T01	Putative ribosomal RNA apurinic site specific lyase
maker-2-augustus-gene-175.35-mRNA-1	Japonica	Indica		Os02g0493300	OsR498G0203851600.01.T03	Ankyrin-2
maker-2-augustus-gene-175.37-mRNA-1	Japonica	NA		Os02g0492900	OsR498G0203852200.01.T01	Ankyrin-like protein-like protein
maker-2-augustus-gene-175.41-mRNA-1	Japonica	Indica		Os02g0493050	OsR498G0203852400.01.T02	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit B
maker-2-augustus-gene-176.0-mRNA-1	Japonica	NA				Cortactin-binding protein 2
maker-2-augustus-gene-176.11-mRNA-1	Japonica	Japonica		Os02g0493300	OsR498G0203853000.01.T02	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit B
maker-2-augustus-gene-176.12-mRNA-1	Japonica	NA		Os02g0493300	OsR498G0203853000.01.T05	Ankyrin-like protein-like protein
maker-2-augustus-gene-176.21-mRNA-1	Japonica	Indica		Os02g0494400	OsR498G0203854200.01.T03	Putative ribosomal RNA apurinic site specific lyase
maker-2-augustus-gene-176.22-mRNA-1	Japonica	Japonica		Os02g0494400	OsR498G0203857500.01.T02	Putative ribosomal RNA apurinic site specific lyase
maker-2-augustus-gene-176.6-mRNA-1	Japonica	NA		Os02g0494700		Repressor of silencing 3
maker-2-augustus-gene-176.8-mRNA-1	Japonica	Indica		Os06g0492900	OsR498G0203852800.01.T02	Putative ribosomal RNA apurinic site specific lyase
maker-2-augustus-gene-177.0-mRNA-1	Japonica	NA				Transcription factor bHLH14
maker-2-augustus-gene-177.12-mRNA-1	Japonica	NA				BED-type domain-containing protein
maker-2-augustus-gene-177.2-mRNA-1	Japonica	NA		Os02g0496100	OsR498G0203858900.01.T01	Heat shock transcription factor
maker-2-augustus-gene-177.4-mRNA-1	Japonica	Japonica		Os02g0496500	OsR498G0203859700.01.T06	Transcriptional activator DEMETER
maker-2-augustus-gene-178.0-mRNA-1	Japonica	Indica		Os02g0498300	OsR498G0203864300.01.T02	Probable magnesium transporter
maker-2-augustus-gene-178.13-mRNA-1	Japonica	Indica		Os04g0372800	OsR498G0203864000.01.T01	Nuclear transport factor 2 (NTF2) family protein with RNA binding (RRM-RBD)
maker-2-augustus-gene-178.17-mRNA-1	Japonica	NA		Os02g0498700	OsR498G0203866200.01.T01	Hexosyltransferase
maker-2-augustus-gene-178.7-mRNA-1	Japonica	NA		Os02g0497500	OsR498G0203863600.01.T02	DNA repair protein RAD50
maker-2-augustus-gene-179.30-mRNA-1	Japonica	NA			OsR498G0203867900.01.T01	Ethylene-responsive transcription factor-like protein At4g13040
maker-2-augustus-gene-181.0-mRNA-1	Japonica	Indica		Os09g0441400	OsR498G0203881300.01.T01	Flavonoid 3'-monooxygenase
maker-2-augustus-gene-182.28-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G0203882300.01.T01	CC-NBS-LRR type disease resistance protein NLR2-V
maker-2-augustus-gene-182.32-mRNA-1	Japonica	Japonica		Os02g0503700	OsR498G0203882700.01.T01	Isoflavone 2'-hydroxylase
maker-2-augustus-gene-183.11-mRNA-1	Japonica	Indica		Os02g0504800	OsR498G0203887400.01.T01	Acyl-[acyl-carrier-protein] desaturase
maker-2-augustus-gene-183.6-mRNA-1	Japonica	Japonica		Os02g0504700	OsR498G0203887100.01.T01	AvrRpt-cleavage domain-containing protein (Fragment)
maker-2-augustus-gene-183.9-mRNA-1	Japonica	NA			OsR498G0203891300.01.T01	
maker-2-augustus-gene-184.0-mRNA-1	Japonica	NA		Os02g0506500		Ubiquitin-like modifier-activating enzyme 5
maker-2-augustus-gene-184.2-mRNA-1	Japonica	NA		Os02g0506400	OsR498G0203893200.01.T01	Putative F-box domain, Zinc finger, MYND-type, tetratricopeptide-like helica
maker-2-augustus-gene-184.4-mRNA-1	Japonica	NA			OsR498G0815948900.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-2-augustus-gene-185.0-mRNA-1	Japonica	NA		Os02g0507400	OsR498G0203899300.01.T01	Fibrous sheath-interacting protein
maker-2-augustus-gene-185.15-mRNA-1	Japonica	NA		Os02g0510300	OsR498G0203903800.01.T02	Proline-rich protein HaellI subfamily 1
maker-2-augustus-gene-190.3-mRNA-1	Japonica	NA	LRR-TM			

maker-2-augustus-gene-192.41-mRNA-1	Japonica	NA		Os05g0471800		Far-red impaired response protein-like
maker-2-augustus-gene-192.48-mRNA-1	Japonica	NA				ZF-HD dimerization-type domain-containing protein
maker-2-augustus-gene-194.1-mRNA-1	Japonica	NA				Putative AC transposase
maker-2-augustus-gene-194.11-mRNA-1	Japonica	NA		Os02g0521700	OsR498G0203955900.01.T01	Acyl-CoA thioesterase, putative
maker-2-augustus-gene-194.15-mRNA-1	Japonica	NA		Os02g0520800	OsR498G0203954000.01.T01	Cytochrome b-c1 complex subunit Rieske, mitochondrial
maker-2-augustus-gene-194.17-mRNA-1	Japonica	NA			OsR498G0203954400.01.T01	Ethylene-responsive transcription factor ERF115
maker-2-augustus-gene-194.19-mRNA-1	Japonica	NA		Os02g0521300	OsR498G0203954800.01.T04	Calcium-dependent phospholipid-binding Copine family protein (Fragment)
maker-2-augustus-gene-194.3-mRNA-1	Japonica	NA			OsR498G0203955500.01.T03	Ubiquitinyl hydrolase 1
maker-2-augustus-gene-194.7-mRNA-1	Japonica	NA			OsR498G0203955700.01.T02	Ubiquitinyl hydrolase 1
maker-2-augustus-gene-195.35-mRNA-1	Japonica	NA				Ubiquitinyl hydrolase 1
maker-2-augustus-gene-195.41-mRNA-1	Japonica	NA		Os02g0523300	OsR498G0203961600.01.T02	Gamma-tubulin complex component
maker-2-augustus-gene-195.49-mRNA-1	Japonica	NA		Os02g0523500	OsR498G0203961800.01.T03	Ribonuclease
maker-2-augustus-gene-196.0-mRNA-1	Japonica	NA			OsR498G0203969700.01.T05	Adenylyltransferase and sulfurtransferase MOC53
maker-2-augustus-gene-199.12-mRNA-1	Japonica	NA				Voltage-dependent anion channel
maker-2-augustus-gene-2.37-mRNA-1	Japonica	NA		Os02g0103600	OsR498G0202807200.01.T01	Ferredoxin--NADP(+) reductase
maker-2-augustus-gene-2.39-mRNA-1	Japonica	NA		Os02g0103700	OsR498G0202807400.01.T01	60S ribosomal protein L9
maker-2-augustus-gene-2.41-mRNA-1	Japonica	NA		Os02g0103800	OsR498G0202807600.01.T01	Ferredoxin--NADP reductase, chloroplastic
maker-2-augustus-gene-2.44-mRNA-1	Japonica	NA		Os02g0103900	OsR498G0202807800.01.T01	U3 small nuclear RNA-associated protein 6 isogeny
maker-2-augustus-gene-2.47-mRNA-1	Japonica	Indica		Os02g0104500	OsR498G0202810200.01.T01	Trihelix transcription factor GT-2
maker-2-augustus-gene-20.59-mRNA-1	Japonica	NA		Os02g0137800	OsR498G0202927100.01.T01	Guanine nucleotide-binding protein subunit gamma 2
maker-2-augustus-gene-21.34-mRNA-1	Japonica	NA			OsR498G0202932700.01.T04	Vacuolar cation/proton exchanger
maker-2-augustus-gene-21.38-mRNA-1	Japonica	NA		Os02g0139300	OsR498G0202934300.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-2-augustus-gene-21.40-mRNA-1	Japonica	Indica		Os06g0703500	OsR498G0202935500.01.T01	Squamosa promoter-binding-like protein 3
maker-2-augustus-gene-21.43-mRNA-1	Japonica	NA			OsR498G0202936700.01.T04	Aspartyl-tRNA synthetase
maker-2-augustus-gene-21.48-mRNA-1	Japonica	NA		Os02g0139000	OsR498G0202933000.01.T03	Protein PHOSPHATE STARVATION RESPONSE 3
maker-2-augustus-gene-21.61-mRNA-1	Japonica	NA				Cycloartenol synthase
maker-2-augustus-gene-21.70-mRNA-1	Japonica	NA		Os02g0139700	OsR498G0202937000.01.T01	Cycloartenol synthase
maker-2-augustus-gene-21.76-mRNA-1	Japonica	NA				Terpene cyclase/mutase family member
maker-2-augustus-gene-210.34-mRNA-1	Japonica	NA	Kinase-TM	Os02g0549200	OsR498G0204084500.01.T02	probable serine/threonine-protein kinase At1g01540
maker-2-augustus-gene-211.0-mRNA-1	Japonica	NA		Os02g0549600	OsR498G0204085100.01.T01	Ribosomal protein S10
maker-2-augustus-gene-211.11-mRNA-1	Japonica	NA		Os02g0550300	OsR498G0204089100.01.T01	Thioredoxin
maker-2-augustus-gene-211.14-mRNA-1	Japonica	NA		Os02g0550100	OsR498G0204088600.01.T01	V-type proton ATPase proteolipid subunit
maker-2-augustus-gene-211.16-mRNA-1	Japonica	NA		Os02g0550600	OsR498G0204090800.01.T02	Alkaline/neutral invertase
maker-2-augustus-gene-211.18-mRNA-1	Japonica	Indica		Os02g0550700	OsR498G0204091600.01.T02	Exosome complex component RRP45B like
maker-2-augustus-gene-211.4-mRNA-1	Japonica	NA	CC-NBS		OsR498G0204086500.01.T01	
maker-2-augustus-gene-211.8-mRNA-1	Japonica	NA		Os02g0550000	OsR498G0204088100.01.T01	
maker-2-augustus-gene-212.0-mRNA-1	Japonica	NA		Os02g0550800	OsR498G0204091900.01.T02	Ammonium transporter
maker-2-augustus-gene-212.12-mRNA-1	Japonica	NA	Kinase-TM	Os02g0551100	OsR498G0204092600.01.T02	Serine/threonine-protein kinase SAPK7
maker-2-augustus-gene-212.18-mRNA-1	Japonica	NA		Os02g0551400	OsR498G0204093800.01.T02	HTH myb-type domain-containing protein
maker-2-augustus-gene-212.22-mRNA-1	Japonica	NA			OsR498G0204095000.01.T01	Zinc finger protein Pegasus
maker-2-augustus-gene-212.3-mRNA-1	Japonica	NA		Os02g0551900		zinc finger transcription factor YY1
maker-2-augustus-gene-212.5-mRNA-1	Japonica	NA		Os02g0552000	OsR498G0204096700.01.T01	Transmembrane 9 superfamily member
maker-2-augustus-gene-213.32-mRNA-1	Japonica	NA			OsR498G0204101300.01.T01	Tetratricopeptide repeat protein like
maker-2-augustus-gene-213.35-mRNA-1	Japonica	NA		Os02g0553600	OsR498G0204101700.01.T02	RNA polymerase II transcriptional coactivator KIWI like
maker-2-augustus-gene-213.44-mRNA-1	Japonica	NA		Os02g0554100	OsR498G0204103500.01.T01	Ultraviolet-B receptor like
maker-2-augustus-gene-213.50-mRNA-1	Japonica	NA		Os02g0553200	OsR498G0204100600.01.T01	Thylakoid-bound ascorbate peroxidase
maker-2-augustus-gene-214.29-mRNA-1	Japonica	NA		Os02g0554400		
maker-2-augustus-gene-214.33-mRNA-1	Japonica	NA		Os02g0555300	OsR498G0204107300.01.T02	NAC transcription factor
maker-2-augustus-gene-214.36-mRNA-1	Japonica	NA		Os02g0555600	OsR498G0204107700.01.T05	ACT domain repeat 3
maker-2-augustus-gene-214.41-mRNA-1	Japonica	Japonica		Os02g0554900	OsR498G0204106600.01.T01	Protein disulfide-isomerase
maker-2-augustus-gene-214.43-mRNA-1	Japonica	NA		Os02g0555000	OsR498G0204106800.01.T03	GPN-loop GTPase 2
maker-2-augustus-gene-214.47-mRNA-1	Japonica	NA				
maker-2-augustus-gene-214.50-mRNA-1	Japonica	NA		Os02g0555700	OsR498G0204108000.01.T02	DnaJ domain
maker-2-augustus-gene-214.54-mRNA-1	Japonica	NA	Kinase-TM	Os02g0555900	OsR498G0204108200.01.T03	Mitogen-activated protein kinase kinase kinase YODA
maker-2-augustus-gene-214.60-mRNA-1	Japonica	NA		Os02g0556000	OsR498G0204108600.01.T01	Hexosyltransferase
maker-2-augustus-gene-215.32-mRNA-1	Japonica	Japonica		Os02g0556100	OsR498G0204109300.01.T01	Catalytic/ coenzyme binding protein
maker-2-augustus-gene-215.38-mRNA-1	Japonica	NA		Os02g0556700	OsR498G0204110300.01.T01	T-complex protein 11
maker-2-augustus-gene-215.41-mRNA-1	Japonica	NA		Os02g0557100	OsR498G0204111700.01.T02	AIG1-type G domain-containing protein (Fragment)
maker-2-augustus-gene-215.43-mRNA-1	Japonica	NA		Os02g0557200	OsR498G0204112700.01.T01	Auxin response factor
maker-2-augustus-gene-215.49-mRNA-1	Japonica	Indica		Os02g0557500	OsR498G0204113100.01.T01	zinc finger CCH domain-containing protein 5
maker-2-augustus-gene-215.54-mRNA-1	Japonica	NA		Os02g0557700	OsR498G0204113500.01.T01	NADPH-dependent pterin aldehyde reductase

maker-2-augustus-gene-215.58-mRNA-1	Japonica	NA			OsR498G0204109800.01.T03	tRNA guanine10-N2-methyltransferase
maker-2-augustus-gene-215.65-mRNA-1	Japonica	NA			OsR498G0204110200.01.T02	SPLa/Ryanodine receptor (SPRY) domain-containing protein
maker-2-augustus-gene-215.70-mRNA-1	Japonica	NA		Os02g05556800	OsR498G0204110800.01.T01	protein MAINTENANCE OF PSII UNDER HIGH LIGHT 1
maker-2-augustus-gene-215.72-mRNA-1	Japonica	NA		Os02g05556900	OsR498G0204111200.01.T01	DDT transcription factor
maker-2-augustus-gene-215.75-mRNA-1	Japonica	NA		Os02g05557300	OsR498G0204113000.01.T01	Ring-h2 finger protein at158
maker-2-augustus-gene-215.77-mRNA-1	Japonica	NA		Os02g05557600	OsR498G0204113400.01.T02	Ligatin
maker-2-augustus-gene-215.80-mRNA-1	Japonica	Japonica		Os02g05557800	OsR498G0204113800.01.T02	Two-component response regulator ARR16
maker-2-augustus-gene-216.0-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G0204117300.01.T01	Disease resistance protein RPM1
maker-2-augustus-gene-216.10-mRNA-1	Japonica	Indica		Os02g05558500	OsR498G0204117800.01.T01	
maker-2-augustus-gene-216.12-mRNA-1	Japonica	NA		Os02g05558600	OsR498G0204118000.01.T02	TPX2 (Targeting protein for Xklp2) protein family
maker-2-augustus-gene-216.17-mRNA-1	Japonica	NA		Os02g05559400	OsR498G0204120400.01.T05	12-oxophytodienoate reductase
maker-2-augustus-gene-216.2-mRNA-1	Japonica	NA	CC-Kinase-TM	Os02g05559300	OsR498G0204120100.01.T02	Putative serine/threonine-protein kinase
maker-2-augustus-gene-216.5-mRNA-1	Japonica	Indica		Os02g05558100	OsR498G0204116600.01.T04	Chloride channel protein CLC-c
maker-2-augustus-gene-217.0-mRNA-1	Japonica	Indica		Os02g04711300	OsR498G0204121100.01.T04	Monooxygenase 1
maker-2-augustus-gene-217.11-mRNA-1	Japonica	Indica		Os02g0562400	OsR498G0204123800.01.T01	Ankyrin repeat-containing domain-containing protein
maker-2-augustus-gene-217.13-mRNA-1	Japonica	NA			OsR498G0204124000.01.T05	
maker-2-augustus-gene-217.2-mRNA-1	Japonica	NA		Os02g0562300	OsR498G0204123500.01.T03	Calmodulin binding protein1
maker-2-augustus-gene-217.7-mRNA-1	Japonica	NA		Os02g0562700	OsR498G0204125300.01.T04	Glyoxylate reductase 1
maker-2-augustus-gene-218.0-mRNA-1	Japonica	Indica		Os04g0444900	OsR498G0204130100.01.T01	PHD finger protein Alfin1
maker-2-augustus-gene-218.11-mRNA-1	Japonica	NA		Os02g0565100	OsR498G0204131700.01.T04	Nucleoside diphosphate kinase
maker-2-augustus-gene-218.15-mRNA-1	Japonica	NA		Os02g0564000	OsR498G0204130000.01.T03	Glutathione S-transferase
maker-2-augustus-gene-218.21-mRNA-1	Japonica	NA		Os02g0564500	OsR498G0204130800.01.T01	Vesicle transport protein (Fragment)
maker-2-augustus-gene-218.26-mRNA-1	Japonica	NA		Os02g0565200	OsR498G0204132400.01.T02	Signal peptidase complex subunit 2
maker-2-augustus-gene-218.4-mRNA-1	Japonica	Indica		Os01g0886600	OsR498G0204130500.01.T01	AAA+ ATPase domain
maker-2-augustus-gene-218.9-mRNA-1	Japonica	NA			OsR498G0204130900.01.T01	protein SENESCENCE-ASSOCIATED GENE 21, mitochondrial-like
maker-2-augustus-gene-219.0-mRNA-1	Japonica	NA		Os02g0566400	OsR498G0204135900.01.T01	Extracellular ligand-gated ion channel
maker-2-augustus-gene-219.12-mRNA-1	Japonica	NA		Os02g0566900	OsR498G0204137200.01.T01	Transmembrane protein 50
maker-2-augustus-gene-219.14-mRNA-1	Japonica	NA		Os02g0567000	OsR498G0204137400.01.T01	Salt tolerant protein
maker-2-augustus-gene-219.16-mRNA-1	Japonica	NA		Os02g0567100	OsR498G0204137600.01.T02	Thioredoxin-like 4, chloroplastic
maker-2-augustus-gene-219.18-mRNA-1	Japonica	NA		Os02g0567200	OsR498G0204138000.01.T04	PPM-type phosphatase domain-containing protein
maker-2-augustus-gene-219.2-mRNA-1	Japonica	NA		Os02g0566700	OsR498G0204136700.01.T01	
maker-2-augustus-gene-219.5-mRNA-1	Japonica	NA		Os02g0565600	OsR498G0204133800.01.T01	Homeodomain leucine-zipper protein Hox7
maker-2-augustus-gene-219.7-mRNA-1	Japonica	NA		Os02g0566500	OsR498G0204136200.01.T02	WRKY domain-containing protein
maker-2-augustus-gene-219.8-mRNA-1	Japonica	Indica		Os09g0452900	OsR498G0204137000.01.T01	Hexosyltransferase
maker-2-augustus-gene-22.32-mRNA-1	Japonica	NA		Os02g0140400	OsR498G0202938800.01.T03	Camelliol C synthase
maker-2-augustus-gene-22.44-mRNA-1	Japonica	NA		Os02g0141300	OsR498G0202943400.01.T02	GHMP kinase N-terminal domain
maker-2-augustus-gene-22.51-mRNA-1	Japonica	NA		Os02g0141500	OsR498G0202944200.01.T01	
maker-2-augustus-gene-220.40-mRNA-1	Japonica	Indica		Os04g0449900	OsR498G0204139900.01.T02	Polyadenylate-binding protein RBP47
maker-2-augustus-gene-220.44-mRNA-1	Japonica	NA		Os02g0568200	OsR498G0204140800.01.T01	Coleoptile phototropism protein 1
maker-2-augustus-gene-220.46-mRNA-1	Japonica	NA			OsR498G0204142600.01.T01	Terpene synthase family, metal binding domain containing protein, expressed
maker-2-augustus-gene-220.48-mRNA-1	Japonica	NA			OsR498G0204142800.01.T01	Ent-kaurene synthase
maker-2-augustus-gene-220.49-mRNA-1	Japonica	NA			OsR498G1119549200.01.T02	
maker-2-augustus-gene-221.0-mRNA-1	Japonica	NA				Ent-cassa-12,15-diene synthase
maker-2-augustus-gene-221.6-mRNA-1	Japonica	NA		Os02g0570500	OsR498G0204148100.01.T01	Ent-isokaurene C2-hydroxylase
maker-2-augustus-gene-222.33-mRNA-1	Japonica	Indica		Os02g0571300	OsR498G0204152600.01.T01	Ent-isokaurene synthase
maker-2-augustus-gene-222.34-mRNA-1	Japonica	NA		Os02g0571800	OsR498G0204152600.01.T02	Ent-isokaurene synthase
maker-2-augustus-gene-223.0-mRNA-1	Japonica	NA		Os02g0573200	OsR498G0204159700.01.T01	Photolyase/cryptochrome alpha/beta domain-containing protein
maker-2-augustus-gene-223.14-mRNA-1	Japonica	NA		Os02g0573400	OsR498G0204160200.01.T01	Ubiquitin carboxyl-terminal hydrolase
maker-2-augustus-gene-223.3-mRNA-1	Japonica	NA		Os02g0572400	OsR498G0204155800.01.T02	GTP cyclohydrolase II
maker-2-augustus-gene-223.6-mRNA-1	Japonica	NA		Os02g0572600	OsR498G0204156800.01.T01	Myosin heavy chain-related protein
maker-2-augustus-gene-223.9-mRNA-1	Japonica	NA			OsR498G0204160000.01.T04	Nucleotide-sugar transporter/ sugar porter
maker-2-augustus-gene-224.36-mRNA-1	Japonica	NA		Os02g0573500	OsR498G0204160900.01.T01	Sugar transport protein 5
maker-2-augustus-gene-224.38-mRNA-1	Japonica	NA		Os02g0574100	OsR498G0204161900.01.T01	Sugar transport protein 5
maker-2-augustus-gene-224.41-mRNA-1	Japonica	NA		Os02g0574100	OsR498G0204162100.01.T01	Sugar transport protein 5
maker-2-augustus-gene-224.43-mRNA-1	Japonica	NA		Os02g0575500	OsR498G0204166100.01.T02	Protein ACTIVITY OF BC1 COMPLEX KINASE 8, chloroplastic isoform A
maker-2-augustus-gene-224.47-mRNA-1	Japonica	NA		Os02g0574500	OsR498G0204163400.01.T02	Sugar transport protein 5
maker-2-augustus-gene-224.49-mRNA-1	Japonica	NA		Os02g0574600	OsR498G0204164000.01.T04	Putative hematological and neurological expressed 1-like
maker-2-augustus-gene-224.52-mRNA-1	Japonica	NA		Os02g0575200	OsR498G0204165800.01.T01	Phosphopantothenate--cysteine ligase
maker-2-augustus-gene-225.0-mRNA-1	Japonica	NA		Os02g0575800	OsR498G0204167100.01.T01	Aldose 1-epimerase
maker-2-augustus-gene-225.14-mRNA-1	Japonica	NA		Os02g0577100	OsR498G0204171000.01.T04	Zinc finger, RING-CH-type
maker-2-augustus-gene-225.5-mRNA-1	Japonica	NA				

maker-2-augustus-gene-225.7-mRNA-1	Japonica	NA		Os02g0576600	OsR498G0204170400.01.T01	Sucrose Transporter
maker-2-augustus-gene-225.9-mRNA-1	Japonica	NA		Os02g0576700	OsR498G0204170600.01.T01	Nucleosome/chromatin assembly factor A
maker-2-augustus-gene-226.40-mRNA-1	Japonica	NA		Os02g0577300	OsR498G0204171700.01.T03	Galectin domain-containing protein
maker-2-augustus-gene-226.44-mRNA-1	Japonica	NA		Os02g0577700	OsR498G0204172300.01.T01	Glycosyltransferase
maker-2-augustus-gene-226.46-mRNA-1	Japonica	Indica		Os02g0578100	OsR498G0204172500.01.T01	Glycosyltransferase
maker-2-augustus-gene-226.48-mRNA-1	Japonica	NA		Os02g0578300	OsR498G0204173100.01.T01	Glycosyltransferase
maker-2-augustus-gene-226.50-mRNA-1	Japonica	Indica		Os04g0460400	OsR498G0204173500.01.T01	Casparian strip membrane protein 7
maker-2-augustus-gene-226.52-mRNA-1	Japonica	Indica		Os02g0579000	OsR498G0204175500.01.T05	NAC transcription factor
maker-2-augustus-gene-226.55-mRNA-1	Japonica	NA		Os02g0579300	OsR498G0204176500.01.T01	Transcription factor MYB74
maker-2-augustus-gene-226.57-mRNA-1	Japonica	NA		Os02g0578400	OsR498G0204173800.01.T01	Photosynthetic NDH subunit of luminal location 2 chloroplastic
maker-2-augustus-gene-227.0-mRNA-1	Japonica	NA		Os02g0579600	OsR498G0204179700.01.T03	MADS-box transcription factor
maker-2-augustus-gene-227.11-mRNA-1	Japonica	NA		Os02g0580700	OsR498G0204183100.01.T01	Flavin-containing monooxygenase
maker-2-augustus-gene-227.13-mRNA-1	Japonica	NA		Os02g0579800	OsR498G0204180600.01.T01	Cell number regulator 2
maker-2-augustus-gene-227.16-mRNA-1	Japonica	Indica		Os02g0580000	OsR498G0204181200.01.T01	Plant cadmium resistance 2
maker-2-augustus-gene-227.19-mRNA-1	Japonica	NA		Os02g0580100	OsR498G0204181600.01.T04	Plasma-membrane choline transporter family protein
maker-2-augustus-gene-227.24-mRNA-1	Japonica	NA		Os02g0580400	OsR498G0204182200.01.T01	Dynein light chain, cytoplasmic
maker-2-augustus-gene-227.4-mRNA-1	Japonica	NA		Os02g0580300	OsR498G0204181700.01.T06	General regulatory factor2
maker-2-augustus-gene-227.8-mRNA-1	Japonica	Indica		Os02g0580600	OsR498G0204182700.01.T01	Flavin-containing monooxygenase
maker-2-augustus-gene-228.0-mRNA-1	Japonica	Indica		Os02g0581000	OsR498G0204183900.01.T01	GPI ethanolamine phosphate transferase 1
maker-2-augustus-gene-228.20-mRNA-1	Japonica	NA		Os02g0581800	OsR498G0204186500.01.T01	
maker-2-augustus-gene-228.22-mRNA-1	Japonica	NA		Os02g0580900	OsR498G0204183600.01.T01	Nitrate transporter 1.3
maker-2-augustus-gene-228.26-mRNA-1	Japonica	NA		Os02g0581300	OsR498G0204185600.01.T01	LAG1 longevity assurance homolog 3
maker-2-augustus-gene-228.32-mRNA-1	Japonica	Indica		Os02g0582150	OsR498G0204187200.01.T02	18S pre-ribosomal assembly protein gar2-related
maker-2-augustus-gene-228.35-mRNA-1	Japonica	Indica		Os05g0587400	OsR498G0204187400.01.T01	
maker-2-augustus-gene-228.38-mRNA-1	Japonica	NA		Os02g0582400	OsR498G0204187800.01.T01	
maker-2-augustus-gene-228.40-mRNA-1	Japonica	NA		Os02g0582600	OsR498G0204188600.01.T01	
maker-2-augustus-gene-228.8-mRNA-1	Japonica	NA				AB hydrolase-1 domain-containing protein
maker-2-augustus-gene-229.10-mRNA-1	Japonica	NA		Os02g0584200		
maker-2-augustus-gene-229.12-mRNA-1	Japonica	NA		Os02g0584700	OsR498G0204192200.01.T01	HMA domain-containing protein (Fragment)
maker-2-augustus-gene-229.13-mRNA-1	Japonica	NA		Os02g0584800	OsR498G0204192400.01.T02	HMA domain-containing protein (Fragment)
maker-2-augustus-gene-229.14-mRNA-1	Japonica	Japonica		Os02g0585100	OsR498G0204193000.01.T01	HMA domain-containing protein
maker-2-augustus-gene-229.16-mRNA-1	Japonica	NA		Os02g0585700		glycine-rich RNA-binding protein 2-like
maker-2-augustus-gene-229.6-mRNA-1	Japonica	Indica		Os02g0582900	OsR498G0204189400.01.T01	
maker-2-augustus-gene-229.8-mRNA-1	Japonica	NA		Os02g0583000	OsR498G0204190000.01.T01	Fanconi anemia group E protein
maker-2-augustus-gene-230.0-mRNA-1	Japonica	NA				
maker-2-augustus-gene-232.2-mRNA-1	Japonica	NA		Os05g0269800		DDE Tnp4 domain-containing protein
maker-2-augustus-gene-232.3-mRNA-1	Japonica	Indica		Os05g0269800	OsR498G0202947900.01.T02	Transposon protein, putative, CACTA, En/Spm sub-class
maker-2-augustus-gene-230.54-mRNA-1	Japonica	NA		Os02g0586800	OsR498G0204197700.01.T01	Protein FLUORESCENT IN BLUE LIGHT chloroplastic
maker-2-augustus-gene-230.58-mRNA-1	Japonica	NA		Os02g0586900	OsR498G0204198300.01.T01	glycine-rich protein 3-like
maker-2-augustus-gene-230.60-mRNA-1	Japonica	NA		Os02g0587000	OsR498G0204198700.01.T01	Glycine-rich cell wall structural protein-like
maker-2-augustus-gene-230.64-mRNA-1	Japonica	NA		Os02g0587600	OsR498G0204199700.01.T01	Xylan 14-beta-xylosidase
maker-2-augustus-gene-230.66-mRNA-1	Japonica	NA		Os02g0587800	OsR498G0204200500.01.T01	TATA-binding protein-associated factor 2N
maker-2-augustus-gene-230.68-mRNA-1	Japonica	NA			OsR498G0204200900.01.T01	Interleukin enhancer binding factor 3
maker-2-augustus-gene-230.70-mRNA-1	Japonica	NA			OsR498G0204201100.01.T01	Low complexity
maker-2-augustus-gene-230.72-mRNA-1	Japonica	NA				Glycine-rich cell wall structural protein
maker-2-augustus-gene-230.74-mRNA-1	Japonica	NA		Os02g0586500	OsR498G0204196600.01.T01	Small nuclear ribonucleoprotein Sm D1
maker-2-augustus-gene-230.76-mRNA-1	Japonica	NA		Os02g0588300	OsR498G0204202000.01.T03	Fimbrin 1
maker-2-augustus-gene-231.33-mRNA-1	Japonica	NA		Os02g0588500	OsR498G0204203300.01.T01	Glycerophosphodiester phosphodiesterase
maker-2-augustus-gene-231.39-mRNA-1	Japonica	NA		Os02g0588600	OsR498G0204203500.01.T01	PTB domain-containing engulfment adapter protein 1 isoform 1
maker-2-augustus-gene-231.42-mRNA-1	Japonica	NA		Os02g0589700	OsR498G0204209400.01.T01	Lecithin-cholesterol acyltransferase-like 1
maker-2-augustus-gene-232.0-mRNA-1	Japonica	NA			OsR498G0204210500.01.T06	
maker-2-augustus-gene-232.1-mRNA-1	Japonica	Indica		Os02g0591500	OsR498G0204215900.01.T02	60S ribosomal protein L7-3
maker-2-augustus-gene-232.7-mRNA-1	Japonica	NA	Kinase		OsR498G0204210800.01.T01	Serine/threonine-protein kinase Nek6
maker-2-augustus-gene-233.15-mRNA-1	Japonica	NA				Putative WD40/YVTN repeat-like-containing domain-containing protein
maker-2-augustus-gene-233.22-mRNA-1	Japonica	NA		Os02g0591700	OsR498G0204216600.01.T01	60S ribosomal protein L6
maker-2-augustus-gene-233.24-mRNA-1	Japonica	NA		Os02g0591800	OsR498G0204216800.01.T01	Brix domain-containing protein 2
maker-2-augustus-gene-234.12-mRNA-1	Japonica	Indica		Os04g0477000	OsR498G0204228500.01.T02	NPH3 domain-containing protein (Fragment)
maker-2-augustus-gene-234.20-mRNA-1	Japonica	NA		Os02g0594800	OsR498G0204230000.01.T01	NAC domain-containing protein 8
maker-2-augustus-gene-234.22-mRNA-1	Japonica	NA		Os02g0594900	OsR498G0204230400.01.T01	N-acetylglucosaminyltransferase III
maker-2-augustus-gene-235.39-mRNA-1	Japonica	NA		Os02g0595800	OsR498G0204235100.01.T02	Eukaryotic translation initiation factor 4B
maker-2-augustus-gene-235.41-mRNA-1	Japonica	NA			OsR498G0204238100.01.T01	BTB/POZ and TAZ domain-containing protein 2

maker-2-augustus-gene-235.43-mRNA-1	Japonica	NA		Os02g0596900	OsR498G0204238700.01.T01	Actin-related protein 3 isoform A
maker-2-augustus-gene-235.48-mRNA-1	Japonica	NA		Os02g0595100	OsR498G0204231800.01.T01	N-acetylglucosaminyltransferase III
maker-2-augustus-gene-235.50-mRNA-1	Japonica	Japonica		Os02g0595300	OsR498G0204233200.01.T05	
maker-2-augustus-gene-235.55-mRNA-1	Japonica	NA		Os02g0595500	OsR498G0204234400.01.T01	Isocitrate dehydrogenase
maker-2-augustus-gene-235.57-mRNA-1	Japonica	NA		Os02g0595900	OsR498G0204235400.01.T01	High-affinity nitrate transporter
maker-2-augustus-gene-235.59-mRNA-1	Japonica	NA		Os02g0596000	OsR498G0204236200.01.T02	Rhodanese-like domain-containing protein 11 chloroplastic
maker-2-augustus-gene-235.64-mRNA-1	Japonica	NA		Os02g0596100	OsR498G0204236600.01.T01	Nucleoporin GLE1
maker-2-augustus-gene-235.69-mRNA-1	Japonica	NA		Os02g0596500	OsR498G0204237600.01.T01	Vacuolar protein sorting-associated protein 20 isogeny 2
maker-2-augustus-gene-236.11-mRNA-1	Japonica	Indica		Os02g0599100	OsR498G0204243700.01.T01	Embryo defective 2423
maker-2-augustus-gene-236.15-mRNA-1	Japonica	NA		Os02g0597000	OsR498G0204239200.01.T01	Ultraviolet-B receptor UVR8
maker-2-augustus-gene-236.8-mRNA-1	Japonica	NA			OsR498G0204243500.01.T01	Intracellular protein transport protein USO1
maker-2-augustus-gene-237.135-mRNA-1	Japonica	NA		Os02g0601700	OsR498G0204252100.01.T04	E3 ubiquitin-protein ligase mind-bomb-like
maker-2-augustus-gene-237.145-mRNA-1	Japonica	NA		Os02g0601400	OsR498G0204251600.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-237.147-mRNA-1	Japonica	Indica		Os02g0601500	OsR498G0204251600.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-237.46-mRNA-1	Japonica	Indica		Os02g0598400	OsR498G0204244900.01.T01	Telomere length regulation protein TEL
maker-2-augustus-gene-237.49-mRNA-1	Japonica	NA				Protein-serine/threonine phosphatase
maker-2-augustus-gene-237.51-mRNA-1	Japonica	Indica		Os02g0598500	OsR498G0204246300.01.T03	PPM-type phosphatase domain-containing protein
maker-2-augustus-gene-238.40-mRNA-1	Japonica	NA	Kinase	Os02g0602100	OsR498G0204253300.01.T07	Cyclin-dependent kinase G-1
maker-2-augustus-gene-238.47-mRNA-1	Japonica	Japonica		Os02g0602600	OsR498G0204253900.01.T01	RRM domain-containing protein
maker-2-augustus-gene-238.52-mRNA-1	Japonica	NA			OsR498G0204258300.01.T05	Transcription factor bHLH128
maker-2-augustus-gene-238.56-mRNA-1	Japonica	Indica		Os02g0601800	OsR498G0204252400.01.T05	Transcription factor GTE9
maker-2-augustus-gene-238.61-mRNA-1	Japonica	Indica		Os04g0488400	OsR498G0204254200.01.T01	Protein TWIN SISTER of FT (Fragment)
maker-2-augustus-gene-238.65-mRNA-1	Japonica	NA		Os02g0603800	OsR498G0204258800.01.T02	Hydroxymethylbutenyl 4-diphosphate synthase
maker-2-augustus-gene-239.0-mRNA-1	Japonica	NA		Os02g0604300	OsR498G0204261100.01.T01	UDP-galactose transporter
maker-2-augustus-gene-239.13-mRNA-1	Japonica	NA		Os02g0605600	OsR498G0204265700.01.T01	RNA-binding protein Luc7-like 2
maker-2-augustus-gene-239.19-mRNA-1	Japonica	NA		Os02g0606000	OsR498G0204267500.01.T03	Chitinase
maker-2-augustus-gene-239.22-mRNA-1	Japonica	NA		Os02g0605500	OsR498G0204265600.01.T03	TRAF-type domain-containing protein (Fragment)
maker-2-augustus-gene-239.24-mRNA-1	Japonica	NA		Os02g0605900	OsR498G0204267400.01.T01	Class IV chitinase
maker-2-augustus-gene-239.26-mRNA-1	Japonica	NA			OsR498G0204267800.01.T01	Eukaryotic translation initiation factor 2A
maker-2-augustus-gene-239.32-mRNA-1	Japonica	NA			OsR498G0204269600.01.T03	tRNA (guanine(37)-N1)-methyltransferase
maker-2-augustus-gene-240.0-mRNA-1	Japonica	NA		Os02g0606700	OsR498G0204270100.01.T03	Isochorismatase domain-containing protein
maker-2-augustus-gene-240.10-mRNA-1	Japonica	NA		Os02g0608300		SWIM-type domain-containing protein
maker-2-augustus-gene-240.17-mRNA-1	Japonica	Indica		Os02g0606900	OsR498G0204272000.01.T01	PPM-type phosphatase domain-containing protein
maker-2-augustus-gene-240.20-mRNA-1	Japonica	NA				Protein-serine/threonine phosphatase
maker-2-augustus-gene-240.23-mRNA-1	Japonica	NA		Os02g0607700	OsR498G0204272400.01.T01	(+)-neomenthol dehydrogenase
maker-2-augustus-gene-240.3-mRNA-1	Japonica	NA		Os02g0606800	OsR498G0204270300.01.T01	Isochorismatase hydrolase
maker-2-augustus-gene-240.8-mRNA-1	Japonica	NA		Os02g0608100		
maker-2-augustus-gene-241.12-mRNA-1	Japonica	NA		Os02g0608400	OsR498G0204275400.01.T02	Leucine zipper-EF-hand-containing transmembrane protein 1
maker-2-augustus-gene-241.17-mRNA-1	Japonica	NA	Kinase-TM	Os02g0608500	OsR498G0204275600.01.T03	Dual specificity protein kinase shkC
maker-2-augustus-gene-241.22-mRNA-1	Japonica	NA		Os02g0608900	OsR498G0204276800.01.T01	Outer envelope pore protein like
maker-2-augustus-gene-241.28-mRNA-1	Japonica	Indica		Os02g0212600	OsR498G0204279800.01.T04	
maker-2-augustus-gene-241.5-mRNA-1	Japonica	NA		Os02g0609200	OsR498G0204277100.01.T01	Monopolar spindle
maker-2-augustus-gene-241.7-mRNA-1	Japonica	NA		Os02g0609400	OsR498G0204277700.01.T01	
maker-2-augustus-gene-242.27-mRNA-1	Japonica	NA		Os02g0610500	OsR498G0204282700.01.T01	COLD
maker-2-augustus-gene-242.29-mRNA-1	Japonica	NA		Os02g0610800	OsR498G0204283700.01.T01	Protein TAB2 homolog, chloroplastic
maker-2-augustus-gene-242.31-mRNA-1	Japonica	NA		Os02g0611200	OsR498G0204285300.01.T01	S-adenosylmethionine decarboxylase proenzyme
maker-2-augustus-gene-242.32-mRNA-1	Japonica	NA		Os02g0611400	OsR498G0204285700.01.T01	Protein NUCLEAR FUSION DEFECTIVE 5 mitochondrial
maker-2-augustus-gene-242.34-mRNA-1	Japonica	NA		Os02g0610400	OsR498G0204282000.01.T02	La protein 1
maker-2-augustus-gene-242.38-mRNA-1	Japonica	NA		Os02g0610600	OsR498G0204283200.01.T03	Splicing factor, arginine/serine-rich 7
maker-2-augustus-gene-242.42-mRNA-1	Japonica	NA		Os02g0610700	OsR498G0204283600.01.T01	Early light-induced, chloroplastic
maker-2-augustus-gene-242.45-mRNA-1	Japonica	Indica		Os02g0611000	OsR498G0204285000.01.T01	Secologanin synthase
maker-2-augustus-gene-242.47-mRNA-1	Japonica	NA			OsR498G0204285600.01.T01	Histone-lysine N-methyltransferase ASHR3
maker-2-augustus-gene-243.0-mRNA-1	Japonica	NA		Os02g0611800	OsR498G0204287700.01.T01	Hydroxycinnamoyl-Coenzyme A shikimate/quinate hydroxycinnamoyltransferase
maker-2-augustus-gene-243.13-mRNA-1	Japonica	NA		Os02g0611500	OsR498G0204286200.01.T01	MI domain-containing protein
maker-2-augustus-gene-243.17-mRNA-1	Japonica	NA		Os02g0612300	OsR498G0204289000.01.T01	Nuclear cap-binding protein subunit 2
maker-2-augustus-gene-243.25-mRNA-1	Japonica	NA		Os02g0612800	OsR498G0204292000.01.T03	sister chromatid cohesion protein PDS5 homolog B-B-like
maker-2-augustus-gene-243.30-mRNA-1	Japonica	Indica		Os04g0109900	OsR498G0204293200.01.T01	Exostosin domain-containing protein (Fragment)
maker-2-augustus-gene-243.5-mRNA-1	Japonica	NA		Os02g0612100	OsR498G0204288500.01.T01	Phosphatidyl-N-methylethanolamine N-methyltransferase
maker-2-augustus-gene-243.7-mRNA-1	Japonica	Indica		Os02g0613000	OsR498G0204292900.01.T01	Calcium uptake protein, mitochondrial
maker-2-augustus-gene-244.26-mRNA-1	Japonica	NA		Os02g0613600	OsR498G0204293900.01.T04	Trafficking protein particle complex subunit 2
maker-2-augustus-gene-244.45-mRNA-1	Japonica	NA	LRR-TM	Os02g0613200	OsR498G0204293400.01.T01	Regulatory subunit

maker-2-augustus-gene-244.50-mRNA-1	Japonica	NA			OsR498G0204293600.01.T01	Fanconi anaemia protein FANCD
maker-2-augustus-gene-252.34-mRNA-1	Japonica	NA			OsR498G0204322800.01.T01	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P-related
maker-2-augustus-gene-253.14-mRNA-1	Japonica	NA		Os02g0618200	OsR498G0204327700.01.T01	Two-component response regulator-like PRR1
maker-2-augustus-gene-254.0-mRNA-1	Japonica	NA		Os02g0620100	OsR498G0204332500.01.T01	Kinetochore protein-like
maker-2-augustus-gene-254.12-mRNA-1	Japonica	NA		Os02g0621300	OsR498G0204336600.01.T01	Aldehyde oxygenase (deformylating)
maker-2-augustus-gene-254.3-mRNA-1	Japonica	NA		Os02g0620400	OsR498G0204333300.01.T01	Enzyme of the cupin superfamily
maker-2-augustus-gene-254.5-mRNA-1	Japonica	NA				Putative SET-domain containing protein family
maker-2-augustus-gene-254.9-mRNA-1	Japonica	NA		Os02g0619600	OsR498G0204331600.01.T01	Putative RING zinc finger and VWF domain family protein
maker-2-augustus-gene-255.33-mRNA-1	Japonica	NA		Os02g0621700	OsR498G0204337500.01.T01	Succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial
maker-2-augustus-gene-255.40-mRNA-1	Japonica	NA		Os02g0622100	OsR498G0204338900.01.T01	Serine/threonine protein kinase
maker-2-augustus-gene-255.46-mRNA-1	Japonica	NA			OsR498G0204339500.01.T05	GLTP domain-containing protein (Fragment)
maker-2-augustus-gene-255.62-mRNA-1	Japonica	NA		Os02g0621500	OsR498G0204337000.01.T01	E3 ubiquitin-protein ligase PRT1
maker-2-augustus-gene-255.64-mRNA-1	Japonica	NA		Os02g0621800	OsR498G0204338000.01.T01	Long-chain-alcohol oxidase
maker-2-augustus-gene-255.69-mRNA-1	Japonica	Indica		Os08g0567200	OsR498G0204340000.01.T02	RNA-binding protein 42
maker-2-augustus-gene-256.0-mRNA-1	Japonica	NA		Os02g0624400	OsR498G0204347900.01.T02	Hexosyltransferase
maker-2-augustus-gene-256.11-mRNA-1	Japonica	NA		Os02g0623500	OsR498G0204343600.01.T04	Lysine--tRNA ligase chloroplastic/mitochondrial
maker-2-augustus-gene-256.18-mRNA-1	Japonica	Indica	Kinase-TM	Os02g0623600	OsR498G0204344200.01.T02	Wall-associated receptor kinase-like 8
maker-2-augustus-gene-256.20-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0204345600.01.T01	Putative wall-associated receptor kinase-like 16
maker-2-augustus-gene-256.22-mRNA-1	Japonica	NA		Os02g0624300	OsR498G0204346000.01.T01	Transcription factor MYB4
maker-2-augustus-gene-256.6-mRNA-1	Japonica	NA			OsR498G0204349900.01.T04	Photolyase/cryptochrome alpha/beta domain-containing protein (Fragment)
maker-2-augustus-gene-257.43-mRNA-1	Japonica	NA			OsR498G0204352100.01.T02	
maker-2-augustus-gene-257.46-mRNA-1	Japonica	NA		Os02g0625500	OsR498G0204351800.01.T03	Adenosine kinase
maker-2-augustus-gene-257.50-mRNA-1	Japonica	NA		Os02g0626100	OsR498G0204353600.01.T01	Phenylalanine ammonia-lyase
maker-2-augustus-gene-257.51-mRNA-1	Japonica	NA		Os02g0626400	OsR498G0204354400.01.T02	Phenylalanine ammonia-lyase
maker-2-augustus-gene-257.60-mRNA-1	Japonica	NA		Os02g0627100	OsR498G0204355400.01.T01	Phenylalanine ammonia-lyase
maker-2-augustus-gene-258.0-mRNA-1	Japonica	NA		Os02g0627700	OsR498G0204357100.01.T01	Cyclic nucleotide-binding domain
maker-2-augustus-gene-258.2-mRNA-1	Japonica	Indica		Os04g0518800	OsR498G0204358700.01.T03	Cytokinin riboside 5'-monophosphate phosphoribohydrolase
maker-2-augustus-gene-258.5-mRNA-1	Japonica	NA		Os01g0281200	OsR498G0100675400.01.T01	CYCLIN domain-containing protein (Fragment)
maker-2-augustus-gene-258.9-mRNA-1	Japonica	NA				
maker-2-augustus-gene-259.45-mRNA-1	Japonica	Indica		Os02g0628600	OsR498G0204360900.01.T01	Auxin response factor
maker-2-augustus-gene-259.47-mRNA-1	Japonica	NA			OsR498G0204362700.01.T01	
maker-2-augustus-gene-259.50-mRNA-1	Japonica	NA		Os02g0629200	OsR498G0204364100.01.T01	PIP aquaporin
maker-2-augustus-gene-260.12-mRNA-1	Japonica	NA			OsR498G0204370600.01.T01	Regulator of nonsense transcripts 2
maker-2-augustus-gene-260.6-mRNA-1	Japonica	Japonica	Kinase-TM	Os02g0632100	OsR498G0509684800.01.T02	Wall-associated receptor kinase 3
maker-2-augustus-gene-260.9-mRNA-1	Japonica	NA		Os02g0631200	OsR498G0204370400.01.T05	Putative homeodomain-like transcription factor superfamily protein
maker-2-augustus-gene-261.32-mRNA-1	Japonica	NA		Os02g0632500	OsR498G0204376100.01.T06	ADP-ribosylation factor GTPase-activating protein AGD4-like
maker-2-augustus-gene-262.11-mRNA-1	Japonica	NA		Os02g0634900	OsR498G0204383100.01.T02	Proteasome endopeptidase complex
maker-2-augustus-gene-262.15-mRNA-1	Japonica	NA		Os02g0635000	OsR498G0204383500.01.T02	Bifunctional nitrilase/nitrile hydratase NIT4
maker-2-augustus-gene-262.18-mRNA-1	Japonica	NA		Os02g0635200	OsR498G0204383700.01.T01	Beta-cyano-L-alanine hydratase/nitrilase
maker-2-augustus-gene-262.24-mRNA-1	Japonica	Indica		Os02g0635333	OsR498G0204383900.01.T01	
maker-2-augustus-gene-262.27-mRNA-1	Japonica	Indica	Kinase-TM	Os02g0633066	OsR498G0204379000.01.T01	Wall-associated receptor kinase 2-like
maker-2-augustus-gene-262.38-mRNA-1	Japonica	NA				B-block binding subunit of TFIIC
maker-2-augustus-gene-262.4-mRNA-1	Japonica	NA		Os02g0634600	OsR498G0204382300.01.T03	SET domain-containing protein 9
maker-2-augustus-gene-262.48-mRNA-1	Japonica	NA			OsR498G0204381800.01.T01	Glycosyltransferase
maker-2-augustus-gene-262.7-mRNA-1	Japonica	NA		Os02g0634700	OsR498G0204382700.01.T05	Carboxypeptidase
maker-2-augustus-gene-263.37-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os11g0569800	OsR498G0204384300.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-263.38-mRNA-1	Japonica	NA		Os02g0635700	OsR498G0204384500.01.T01	C-terminal
maker-2-augustus-gene-263.40-mRNA-1	Japonica	NA			OsR498G0204386200.01.T01	F-box/LRR-repeat protein 2-like
maker-2-augustus-gene-263.42-mRNA-1	Japonica	NA		Os02g0636600	OsR498G0204387000.01.T01	ABA-responsive protein-like
maker-2-augustus-gene-263.44-mRNA-1	Japonica	NA		Os02g0636700	OsR498G0204387200.01.T01	ABA-responsive protein-like
maker-2-augustus-gene-263.47-mRNA-1	Japonica	NA		Os02g0637700	OsR498G0204391000.01.T01	S-nitrosogluthione reductase
maker-2-augustus-gene-263.52-mRNA-1	Japonica	NA		Os02g0637800	OsR498G0204391200.01.T01	DUF639 domain-containing protein
maker-2-augustus-gene-264.35-mRNA-1	Japonica	NA		Os02g0637900	OsR498G0204391300.01.T05	Ankyrin repeat domain-containing protein 50 isoform 1
maker-2-augustus-gene-264.40-mRNA-1	Japonica	Indica		Os02g0638900	OsR498G0204394700.01.T03	WD repeat-containing protein 44
maker-2-augustus-gene-264.46-mRNA-1	Japonica	NA		Os02g0639000	OsR498G0204395100.01.T01	Protein-serine/threonine phosphatase
maker-2-augustus-gene-264.52-mRNA-1	Japonica	Indica		Os02g0639300	OsR498G0204395900.01.T02	CBS domain-containing protein CBSX5
maker-2-augustus-gene-264.54-mRNA-1	Japonica	Indica		Os04g0530100	OsR498G0204396500.01.T01	Beta-expansin 3
maker-2-augustus-gene-264.57-mRNA-1	Japonica	NA		Os02g0639600	OsR498G0204396700.01.T01	Sphingolipid 4-desaturase
maker-2-augustus-gene-264.60-mRNA-1	Japonica	Indica		Os02g0639700	OsR498G0204396900.01.T02	Putative nuclear RNA export factor SDE5
maker-2-augustus-gene-264.65-mRNA-1	Japonica	NA		Os02g0638000	OsR498G0204391600.01.T01	Hydroxyproline-rich glycoprotein family protein
maker-2-augustus-gene-264.69-mRNA-1	Japonica	NA			OsR498G0204392000.01.T01	Serine/arginine repetitive matrix protein 1-like protein

maker-2-augustus-gene-264.71-mRNA-1	Japonica	NA		Os02g0638400	OsR498G0204392600.01.T01	Vacuolar protein-sorting protein bro1
maker-2-augustus-gene-264.73-mRNA-1	Japonica	Japonica	Kinase-TM	Os02g0639100	OsR498G0204395600.01.T01	cold-responsive protein kinase 1
maker-2-augustus-gene-265.0-mRNA-1	Japonica	NA				Elicitor-responsive protein 3
maker-2-augustus-gene-265.10-mRNA-1	Japonica	Indica		Os02g0641300	OsR498G0204402500.01.T01	MYB transcription factor
maker-2-augustus-gene-265.14-mRNA-1	Japonica	Indica		Os02g0641800	OsR498G0204402700.01.T02	DEAD-box ATP-dependent RNA helicase 8
maker-2-augustus-gene-265.22-mRNA-1	Japonica	Indica		Os02g0640300	OsR498G0204398800.01.T02	Membrane steroid-binding protein 1
maker-2-augustus-gene-265.26-mRNA-1	Japonica	NA		Os02g0641000	OsR498G0204401000.01.T01	LIM transcription factor
maker-2-augustus-gene-265.3-mRNA-1	Japonica	NA		Os02g0640200	OsR498G0204398300.01.T01	tRNA (Guanine(26)-N(2))-dimethyltransferase
maker-2-augustus-gene-265.6-mRNA-1	Japonica	NA			OsR498G0204400500.01.T01	(+)-neomenthol dehydrogenase-like isoform X1
maker-2-augustus-gene-266.30-mRNA-1	Japonica	Japonica		Os02g0641900	OsR498G0204403500.01.T01	Transcription factor MYB74
maker-2-augustus-gene-266.32-mRNA-1	Japonica	Indica		Os02g0642700	OsR498G0204405900.01.T02	CAP10 domain-containing protein
maker-2-augustus-gene-266.37-mRNA-1	Japonica	NA		Os02g0643500	OsR498G0204409300.01.T01	Thylakoid lumenal protein like
maker-2-augustus-gene-266.43-mRNA-1	Japonica	NA		Os02g0642200	OsR498G0204404000.01.T01	Remorin
maker-2-augustus-gene-266.46-mRNA-1	Japonica	Indica		Os04g0533500	OsR498G0204404400.01.T01	Ascorbate-specific transmembrane electron transporter 2
maker-2-augustus-gene-266.49-mRNA-1	Japonica	NA		Os02g0642600	OsR498G0204405600.01.T01	Shortage in chiasmata 1
maker-2-augustus-gene-266.56-mRNA-1	Japonica	NA		Os02g0643200	OsR498G0204408000.01.T01	Axial regulator YABBY 1
maker-2-augustus-gene-266.59-mRNA-1	Japonica	NA			OsR498G0204409600.01.T01	Secondary wall NAC master switch
maker-2-augustus-gene-267.0-mRNA-1	Japonica	Indica		Os04g0537800	OsR498G0204410700.01.T01	Cysteine-rich repeat secretory protein 15
maker-2-augustus-gene-267.14-mRNA-1	Japonica	NA		Os02g0644500	OsR498G0204412600.01.T01	ATG13 domain-containing protein (Fragment)
maker-2-augustus-gene-267.17-mRNA-1	Japonica	NA		Os02g0645100	OsR498G0204416000.01.T02	Kinesin-related protein1
maker-2-augustus-gene-267.19-mRNA-1	Japonica	NA		Os11g0660000	OsR498G0204415200.01.T01	Magnesiumproton exchanger
maker-2-augustus-gene-267.2-mRNA-1	Japonica	NA		Os02g0644100	OsR498G0204411300.01.T02	Hsp organizing protein/stress-inducible protein
maker-2-augustus-gene-267.27-mRNA-1	Japonica	NA		Os02g0645100	OsR498G0204416000.01.T02	Kinesin-like protein KIN-7C
maker-2-augustus-gene-267.7-mRNA-1	Japonica	Indica		Os04g0537900	OsR498G0204411200.01.T01	Vacuolar-processing enzyme
maker-2-augustus-gene-268.0-mRNA-1	Japonica	NA		Os02g0645600	OsR498G0204416700.01.T01	GATA transcription factor
maker-2-augustus-gene-268.13-mRNA-1	Japonica	NA		Os02g0646500	OsR498G0204418800.01.T01	Aldehyde dehydrogenase
maker-2-augustus-gene-268.14-mRNA-1	Japonica	Indica		Os02g0646500	OsR498G0204418800.01.T03	Aldehyde dehydrogenase
maker-2-augustus-gene-268.2-mRNA-1	Japonica	NA		Os02g0646200	OsR498G0204418300.01.T01	B-box zinc finger protein 21
maker-2-augustus-gene-268.4-mRNA-1	Japonica	NA		Os02g0646400	OsR498G0204418500.01.T01	Monothiol glutaredoxin-S6
maker-2-augustus-gene-268.8-mRNA-1	Japonica	NA		Os02g0647900	OsR498G0204420900.01.T02	Aldehyde dehydrogenase
maker-2-augustus-gene-269.31-mRNA-1	Japonica	NA		Os02g0649700	OsR498G0204423500.01.T01	ATP-dependent zinc metalloprotease FTSH 7 chloroplastic
maker-2-augustus-gene-269.36-mRNA-1	Japonica	NA	Kinase-TM	Os02g0648100	OsR498G0204421800.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-269.38-mRNA-1	Japonica	NA			OsR498G0204422600.01.T01	Putative homeodomain-like transcription factor superfamily protein isoform
maker-2-augustus-gene-269.41-mRNA-1	Japonica	NA				RING-type domain-containing protein
maker-2-augustus-gene-269.43-mRNA-1	Japonica	NA		Os02g0649400	OsR498G0204425200.01.T02	Embryogenesis-associated protein EMB8
maker-2-augustus-gene-269.48-mRNA-1	Japonica	NA		Os02g0649800	OsR498G0204425600.01.T01	Cytochrome b5 heme-binding domain-containing protein
maker-2-augustus-gene-269.50-mRNA-1	Japonica	NA		Os02g0649900	OsR498G0204426800.01.T01	Iron-phytosiderophore transporter yellow stripe 1
maker-2-augustus-gene-27.20-mRNA-1	Japonica	NA		Os02g0148000	OsR498G0202971900.01.T01	CCT domain-containing protein (Fragment)
maker-2-augustus-gene-27.22-mRNA-1	Japonica	NA			OsR498G0202973100.01.T01	COP1-interactive protein 1-like isoform X2
maker-2-augustus-gene-27.27-mRNA-1	Japonica	NA		Os02g0148400	OsR498G0202973500.01.T01	FMN-binding split barrel
maker-2-augustus-gene-27.30-mRNA-1	Japonica	Indica		Os02g0148500	OsR498G0202973700.01.T03	GATA transcription factor 17
maker-2-augustus-gene-27.41-mRNA-1	Japonica	NA				
maker-2-augustus-gene-27.43-mRNA-1	Japonica	NA	Kinase-TM	Os02g0148100	OsR498G0202972400.01.T02	Mitogen-activated protein kinase
maker-2-augustus-gene-270.0-mRNA-1	Japonica	NA			OsR498G0204429900.01.T01	Mutant required to maintain repression 1
maker-2-augustus-gene-270.11-mRNA-1	Japonica	NA	Kinase-TM	Os02g0650500	OsR498G0204428800.01.T03	probable serine/threonine-protein kinase PBL19
maker-2-augustus-gene-270.14-mRNA-1	Japonica	NA			OsR498G0204430800.01.T02	U6 snRNA phosphodiesterase
maker-2-augustus-gene-270.18-mRNA-1	Japonica	NA		Os02g0651300	OsR498G0204431000.01.T03	Protein ORANGE-GREEN, chloroplastic
maker-2-augustus-gene-270.2-mRNA-1	Japonica	NA		Os02g0650900	OsR498G0204430300.01.T01	Glutamate dehydrogenase
maker-2-augustus-gene-270.22-mRNA-1	Japonica	NA		Os02g0652000	OsR498G0204432800.01.T01	Cyclin
maker-2-augustus-gene-270.25-mRNA-1	Japonica	NA			OsR498G0204433400.01.T01	WRKY transcription factor
maker-2-augustus-gene-270.4-mRNA-1	Japonica	Indica		Os04g0542800	OsR498G0204428200.01.T01	Iron-phytosiderophore transporter yellow stripe 1
maker-2-augustus-gene-271.0-mRNA-1	Japonica	NA		Os02g0652800	OsR498G0204435700.01.T01	Glycerol-3-phosphate transporter
maker-2-augustus-gene-271.12-mRNA-1	Japonica	NA		Os02g0652300	OsR498G0204434600.01.T01	ELMO domain-containing protein A
maker-2-augustus-gene-271.15-mRNA-1	Japonica	Indica		Os10g0549100	OsR498G0204435000.01.T01	Vesicle-associated protein 2-1
maker-2-augustus-gene-271.21-mRNA-1	Japonica	NA		Os02g0652600	OsR498G0204435600.01.T01	Mitochondrial/chloroplast ribosomal protein L19
maker-2-augustus-gene-271.26-mRNA-1	Japonica	NA		Os02g0653200	OsR498G0204438000.01.T01	Phytoecyanin domain-containing protein
maker-2-augustus-gene-271.28-mRNA-1	Japonica	NA		Os02g0653400	OsR498G0204438200.01.T01	Agmatine coumaroyltransferase-2
maker-2-augustus-gene-271.3-mRNA-1	Japonica	NA		Os02g0653800	OsR498G0204439300.01.T03	GTP-binding protein YPTM2
maker-2-augustus-gene-271.6-mRNA-1	Japonica	NA			OsR498G0204441100.01.T02	ATP-dependent caseinolytic protease/crotonase family protein
maker-2-augustus-gene-272.32-mRNA-1	Japonica	Indica		Os02g0654100	OsR498G0204441300.01.T02	Methylglutaconyl-CoA hydratase, mitochondrial-like isoform X2
maker-2-augustus-gene-272.35-mRNA-1	Japonica	NA	Kinase	Os02g0654300	OsR498G0204441700.01.T01	Serine/threonine-protein kinase

maker-2-augustus-gene-272.37-mRNA-1	Japonica	NA		Os02g0654500	OsR498G0204442100.01.T01	Ubiquitin carboxyl-terminal hydrolase
maker-2-augustus-gene-272.41-mRNA-1	Japonica	NA		Os02g0655100	OsR498G0204443300.01.T01	Brix domain-containing protein
maker-2-augustus-gene-272.43-mRNA-1	Japonica	NA		Os02g0655500	OsR498G0204445300.01.T01	DUF862 domain-containing protein
maker-2-augustus-gene-272.45-mRNA-1	Japonica	NA		Os02g0655700	OsR498G0204446300.01.T01	YfnA
maker-2-augustus-gene-272.49-mRNA-1	Japonica	NA				Transcription initiation factor TFIID subunit 4b
maker-2-augustus-gene-272.54-mRNA-1	Japonica	Japonica		Os02g0654600	OsR498G0204442400.01.T01	DUF632 domain-containing protein
maker-2-augustus-gene-272.56-mRNA-1	Japonica	NA			OsR498G0204445600.01.T04	DUF676 domain-containing protein
maker-2-augustus-gene-273.0-mRNA-1	Japonica	NA		Os02g0656300	OsR498G0204447900.01.T01	Anaphase-promoting complex subunit 8 like
maker-2-augustus-gene-273.10-mRNA-1	Japonica	NA			OsR498G0204447800.01.T03	Ceramide kinase
maker-2-augustus-gene-273.16-mRNA-1	Japonica	NA		Os02g0657700	OsR498G0204452600.01.T03	
maker-2-augustus-gene-273.20-mRNA-1	Japonica	NA			OsR498G0204453600.01.T01	PH domain-containing protein (Fragment)
maker-2-augustus-gene-273.4-mRNA-1	Japonica	NA		Os02g0656500	OsR498G0204448500.01.T04	DnaJ protein like
maker-2-augustus-gene-273.8-mRNA-1	Japonica	NA	Kinase-TM	Os02g0655800	OsR498G0204447000.01.T01	Nodulation receptor kinase
maker-2-augustus-gene-274.27-mRNA-1	Japonica	NA		Os02g0658300		protein NUCLEAR FUSION DEFECTIVE 6, chloroplastic/mitochondrial
maker-2-augustus-gene-274.29-mRNA-1	Japonica	NA		Os02g0658600	OsR498G0204456300.01.T01	Expansin-like EG45 domain-containing protein
maker-2-augustus-gene-274.31-mRNA-1	Japonica	NA		Os02g0658800	OsR498G0204457300.01.T01	Beta-expansin 4
maker-2-augustus-gene-274.33-mRNA-1	Japonica	NA		Os02g0658100	OsR498G0204454200.01.T01	Aquaporin TIP2-1
maker-2-augustus-gene-274.36-mRNA-1	Japonica	Indica		Os02g0658200	OsR498G0204454800.01.T02	Zinc finger, FYVE/PHD-type
maker-2-augustus-gene-274.39-mRNA-1	Japonica	Indica		Os02g0658500	OsR498G0204455800.01.T01	F-box domain-containing protein
maker-2-augustus-gene-274.46-mRNA-1	Japonica	NA		Os02g0658900	OsR498G0204458200.01.T02	Vesicle transport protein SEC20
maker-2-augustus-gene-275.11-mRNA-1	Japonica	NA		Os02g0661100	OsR498G0204464600.01.T05	Trehalose 6-phosphate phosphatase
maker-2-augustus-gene-275.15-mRNA-1	Japonica	NA			OsR498G0204465800.01.T01	PLATZ transcription factor family protein
maker-2-augustus-gene-275.2-mRNA-1	Japonica	NA			OsR498G0204462000.01.T01	4HBT domain-containing protein
maker-2-augustus-gene-275.4-mRNA-1	Japonica	NA			OsR498G0204462000.01.T01	4HBT domain-containing protein
maker-2-augustus-gene-275.6-mRNA-1	Japonica	NA			OsR498G0204463400.01.T01	4HBT domain-containing protein
maker-2-augustus-gene-275.8-mRNA-1	Japonica	NA		Os02g0661000	OsR498G0204464200.01.T01	40 kDa farnesylated protein associated with peroxisome
maker-2-augustus-gene-276.0-mRNA-1	Japonica	NA			OsR498G0204467100.01.T02	Vesicle-associated membraneprotein-like
maker-2-augustus-gene-276.11-mRNA-1	Japonica	Indica		Os02g0662300	OsR498G0204469400.01.T01	
maker-2-augustus-gene-276.14-mRNA-1	Japonica	NA				BEACH-type PH domain-containing protein
maker-2-augustus-gene-276.7-mRNA-1	Japonica	NA		Os02g0662200	OsR498G0204468900.01.T01	Nitrate transporter 1.1-like
maker-2-augustus-gene-277.14-mRNA-1	Japonica	NA		Os02g0664300	OsR498G0204475100.01.T01	Tripeptidyl-peptidase II
maker-2-augustus-gene-277.20-mRNA-1	Japonica	Japonica		Os02g0663800	OsR498G0409054800.01.T01	Actin-dipolymerizing factor
maker-2-augustus-gene-277.22-mRNA-1	Japonica	NA		Os02g0663900	OsR498G0204474000.01.T02	Phosphoribosylanthranilate transferase
maker-2-augustus-gene-277.24-mRNA-1	Japonica	NA			OsR498G0204476600.01.T02	
maker-2-augustus-gene-277.28-mRNA-1	Japonica	NA			OsR498G0204477000.01.T06	Skin secretory protein xP2-like
maker-2-augustus-gene-277.32-mRNA-1	Japonica	NA		Os02g0665000	OsR498G0204477200.01.T04	NADP-dependent malic enzyme, chloroplastic
maker-2-augustus-gene-277.4-mRNA-1	Japonica	NA				Glycoprotein glucosyltransferase-like protein
maker-2-augustus-gene-278.0-mRNA-1	Japonica	NA		Os02g0665200	OsR498G0204477500.01.T01	Putative S-adenosylmethionine carrier 2, chloroplastic isoform X1
maker-2-augustus-gene-278.11-mRNA-1	Japonica	NA		Os02g0666200	OsR498G0204480100.01.T02	Plasma membrane intrinsic protein 1
maker-2-augustus-gene-278.15-mRNA-1	Japonica	NA	Kinase-TM	Os02g0666300	OsR498G0204480400.01.T02	Putative MAPKKK family protein kinase isoform 1
maker-2-augustus-gene-278.16-mRNA-1	Japonica	NA		Os02g0666300	OsR498G0204480400.01.T05	Putative MAPKKK family protein kinase isoform 1
maker-2-augustus-gene-278.25-mRNA-1	Japonica	NA			OsR498G0204481800.01.T01	
maker-2-augustus-gene-278.3-mRNA-1	Japonica	NA	CC-Kinase-TM		OsR498G0204478300.01.T02	E3 ubiquitin ligase
maker-2-augustus-gene-278.7-mRNA-1	Japonica	NA	CC-Kinase-TM		OsR498G0204478700.01.T01	E3 ubiquitin ligase
maker-2-augustus-gene-279.0-mRNA-1	Japonica	NA			OsR498G0204483700.01.T02	tetracycline resistance protein, class D-like isoform X2
maker-2-augustus-gene-279.11-mRNA-1	Japonica	NA		Os02g0667600	OsR498G0204484000.01.T01	Late embryogenesis abundant protein 5
maker-2-augustus-gene-279.13-mRNA-1	Japonica	Indica		Os02g0668500	OsR498G0204485800.01.T02	Cellular retinaldehyde-binding/triple function
maker-2-augustus-gene-279.16-mRNA-1	Japonica	NA			OsR498G0204488000.01.T01	Putative anter-specific proline-rich protein APG
maker-2-augustus-gene-279.18-mRNA-1	Japonica	NA		Os02g0669000	OsR498G0204488200.01.T01	GSDL-motif protein lipase
maker-2-augustus-gene-279.20-mRNA-1	Japonica	NA		Os02g0669700	OsR498G0204491200.01.T03	RRM domain-containing protein (Fragment)
maker-2-augustus-gene-279.5-mRNA-1	Japonica	NA		Os02g0668000	OsR498G0204484700.01.T01	Mechanosensitive ion channel protein
maker-2-augustus-gene-279.9-mRNA-1	Japonica	NA		Os02g0668400	OsR498G0204485500.01.T02	tRNA pseudouridine synthase A
maker-2-augustus-gene-28.0-mRNA-1	Japonica	NA		Os02g0149600	OsR498G0202977300.01.T01	Serrate RNA effector molecule
maker-2-augustus-gene-28.10-mRNA-1	Japonica	NA		Os02g0150300	OsR498G0202980900.01.T01	Apoptosis-inducing factor B like
maker-2-augustus-gene-28.22-mRNA-1	Japonica	Indica		Os02g0150100	OsR498G0202980400.01.T02	DEAD-box ATP-dependent RNA helicase 35A
maker-2-augustus-gene-28.3-mRNA-1	Japonica	NA		Os02g0149800	OsR498G0202977900.01.T01	Protein-serine/threonine phosphatase
maker-2-augustus-gene-28.8-mRNA-1	Japonica	NA			OsR498G0202979100.01.T01	Putative homeobox-leucine zipper protein HOX26
maker-2-augustus-gene-280.0-mRNA-1	Japonica	NA			OsR498G0409073100.01.T01	DUF632 domain-containing protein
maker-2-augustus-gene-280.10-mRNA-1	Japonica	NA	Kinase	Os02g0670100	OsR498G0204492800.01.T01	probable serine/threonine-protein kinase PIX13
maker-2-augustus-gene-280.13-mRNA-1	Japonica	NA		Os02g0671300	OsR498G0204495600.01.T02	BHLH domain-containing protein (Fragment)
maker-2-augustus-gene-280.2-mRNA-1	Japonica	NA		Os02g0670400	OsR498G0204493100.01.T01	High mobility group box protein 2

maker-2-augustus-gene-280.6-mRNA-1	Japonica	NA				Lazarus
maker-2-augustus-gene-281.0-mRNA-1	Japonica	Japonica		Os02g0672100	OsR498G0409085900.01.T05	Naked endosperm2
maker-2-augustus-gene-281.15-mRNA-1	Japonica	NA			OsR498G0204500600.01.T01	THUMP domain-containing protein
maker-2-augustus-gene-281.17-mRNA-1	Japonica	NA		Os02g0672400	OsR498G0204500800.01.T06	THUMP domain-containing protein
maker-2-augustus-gene-281.2-mRNA-1	Japonica	NA			OsR498G0204500300.01.T01	HTH myb-type domain-containing protein
maker-2-augustus-gene-281.24-mRNA-1	Japonica	NA	Kinase-TM	Os02g0672800	OsR498G0204501800.01.T01	Serine/threonine-protein kinase WNK8
maker-2-augustus-gene-281.29-mRNA-1	Japonica	NA		Os02g0673100	OsR498G0204503000.01.T02	Aluminum-activated malate transporter 10
maker-2-augustus-gene-281.4-mRNA-1	Japonica	NA		Os02g0672600	OsR498G0204501100.01.T01	N6-adenosine-methyltransferase MT-A70-like
maker-2-augustus-gene-281.8-mRNA-1	Japonica	NA		Os02g0672200	OsR498G0204500000.01.T01	Cytochrome f
maker-2-augustus-gene-282.24-mRNA-1	Japonica	NA		Os02g0673500	OsR498G0204505500.01.T02	Transcription factor bHLH157
maker-2-augustus-gene-282.29-mRNA-1	Japonica	NA		Os02g0673600	OsR498G0204505700.01.T01	ORMDL
maker-2-augustus-gene-282.32-mRNA-1	Japonica	NA		Os02g0674700	OsR498G0204510200.01.T01	E3 ubiquitin-protein ligase
maker-2-augustus-gene-282.36-mRNA-1	Japonica	NA		Os02g0674800	OsR498G0204510600.01.T01	Homeobox-leucine zipper protein ROC5
maker-2-augustus-gene-283.29-mRNA-1	Japonica	NA	LRR	Os02g0675800	OsR498G0204514700.01.T03	RING/U-box superfamily protein
maker-2-augustus-gene-283.32-mRNA-1	Japonica	NA		Os02g0676000	OsR498G0204515700.01.T02	Lysophospholipid acyltransferase
maker-2-augustus-gene-283.37-mRNA-1	Japonica	Indica		Os04g0570000	OsR498G0204512600.01.T01	Cytochrome P450 family 87 subfamily A polypeptide 2
maker-2-augustus-gene-283.40-mRNA-1	Japonica	NA		Os02g0675700	OsR498G0204514000.01.T01	Methyltransferase
maker-2-augustus-gene-284.29-mRNA-1	Japonica	Japonica		Os02g0676500	OsR498G0204517300.01.T01	Putative RING-H2 finger protein ATL62
maker-2-augustus-gene-284.32-mRNA-1	Japonica	NA			OsR498G0204522900.01.T01	Zinc finger CCH domain-containing protein 17
maker-2-augustus-gene-284.37-mRNA-1	Japonica	NA		Os02g0676600		Harbinger transposon protein
maker-2-augustus-gene-284.39-mRNA-1	Japonica	NA		Os02g0677600	OsR498G0204522800.01.T01	Auxin transport protein like
maker-2-augustus-gene-284.42-mRNA-1	Japonica	NA			OsR498G0204523200.01.T01	Cytoplasmatic ribosomal protein S13
maker-2-augustus-gene-285.46-mRNA-1	Japonica	Indica		Os04g0573000	OsR498G0204524700.01.T05	SPX domain-containing membrane protein
maker-2-augustus-gene-285.51-mRNA-1	Japonica	Indica		Os04g0573100	OsR498G0204524900.01.T01	Mandelonitrile lyase
maker-2-augustus-gene-285.55-mRNA-1	Japonica	NA		Os02g0678400	OsR498G0204525700.01.T03	UDP-L-rhamnose synthase
maker-2-augustus-gene-285.58-mRNA-1	Japonica	NA		Os02g0678800	OsR498G0204526100.01.T01	Growth-regulating factor
maker-2-augustus-gene-285.60-mRNA-1	Japonica	Indica		Os02g0679500	OsR498G0204527700.01.T01	Rho GTPase-activating protein gacA
maker-2-augustus-gene-285.64-mRNA-1	Japonica	NA		Os02g0680400	OsR498G0204529300.01.T01	CAAX prenyl protease
maker-2-augustus-gene-285.69-mRNA-1	Japonica	NA		Os02g0679200	OsR498G0204527200.01.T03	Pentatricopeptide repeat
maker-2-augustus-gene-285.70-mRNA-1	Japonica	NA		Os02g0680600	OsR498G0204529800.01.T01	2-C-methyl-D-erythritol 2,4-cyclodiphosphate synthase
maker-2-augustus-gene-285.72-mRNA-1	Japonica	NA				HTH myb-type domain-containing protein
maker-2-augustus-gene-286.0-mRNA-1	Japonica	NA		Os02g0681000	OsR498G0204531300.01.T04	Mechanosensitive ion channel protein MscS
maker-2-augustus-gene-286.14-mRNA-1	Japonica	NA		Os02g0681100	OsR498G0204531600.01.T01	Putative DUF604-domain containing/glycosyltransferase-related family prot
maker-2-augustus-gene-286.7-mRNA-1	Japonica	Indica	Kinase-TM	Os02g0681700	OsR498G0204533500.01.T01	Serine/threonine receptor-like protein kinase NFP
maker-2-augustus-gene-286.9-mRNA-1	Japonica	NA		Os02g0682200	OsR498G0204536100.01.T01	MADS box transcription factor
maker-2-augustus-gene-287.33-mRNA-1	Japonica	Japonica		Os02g0682700	OsR498G0204538300.01.T02	RING-H2 zinc finger protein-like
maker-2-augustus-gene-287.37-mRNA-1	Japonica	NA		Os02g0683800	OsR498G0204543900.01.T02	HMA domain-containing protein (Fragment)
maker-2-augustus-gene-287.39-mRNA-1	Japonica	NA		Os02g0683900	OsR498G0204544100.01.T04	Tobamovirus multiplication protein 3
maker-2-augustus-gene-287.44-mRNA-1	Japonica	Indica		Os02g0684300	OsR498G0204545100.01.T01	Nucleoporin protein Ndc1-Nup
maker-2-augustus-gene-287.47-mRNA-1	Japonica	NA		Os02g0682600	OsR498G0204538000.01.T01	Mitochondrial import inner membrane translocase subunit
maker-2-augustus-gene-287.51-mRNA-1	Japonica	NA		Os02g0684200		p-loop containing nucleoside triphosphate hydrolase superfamily protein
maker-2-augustus-gene-287.53-mRNA-1	Japonica	NA		Os02g0684400	OsR498G0204545400.01.T01	Oxidative stress 3
maker-2-augustus-gene-288.0-mRNA-1	Japonica	NA			OsR498G0204546300.01.T04	Transaldolase
maker-2-augustus-gene-288.10-mRNA-1	Japonica	NA		Os02g0685200	OsR498G0204548800.01.T01	HTH myb-type domain-containing protein (Fragment)
maker-2-augustus-gene-288.14-mRNA-1	Japonica	NA			OsR498G1120528300.01.T01	PMD domain-containing protein
maker-2-augustus-gene-288.17-mRNA-1	Japonica	NA		Os02g0685600	OsR498G0204550600.01.T05	Protein-serine/threonine phosphatase
maker-2-augustus-gene-288.2-mRNA-1	Japonica	Indica		Os04g0583700	OsR498G0204547300.01.T02	Regulator of chromosome condensation (RCC1) family with FYVE zinc finger
maker-2-augustus-gene-288.6-mRNA-1	Japonica	NA	Kinase-TM	Os02g0685900	OsR498G0204551100.01.T01	Calcium-dependent protein kinase
maker-2-augustus-gene-289.0-mRNA-1	Japonica	NA		Os02g0686400	OsR498G0204553900.01.T01	Aspartyl-tRNA synthetase
maker-2-augustus-gene-289.10-mRNA-1	Japonica	NA		Os02g0686600	OsR498G0204554400.01.T01	Metal-dependent protein hydrolase
maker-2-augustus-gene-289.14-mRNA-1	Japonica	NA				FLZ-type domain-containing protein (Fragment)
maker-2-augustus-gene-289.16-mRNA-1	Japonica	NA		Os02g0686800	OsR498G0204555800.01.T01	FLZ-type domain-containing protein (Fragment)
maker-2-augustus-gene-289.18-mRNA-1	Japonica	Indica		Os04g0586000	OsR498G0204556400.01.T01	FLZ-type domain-containing protein (Fragment)
maker-2-augustus-gene-289.20-mRNA-1	Japonica	NA			OsR498G0204557000.01.T01	RRM domain-containing protein
maker-2-augustus-gene-289.22-mRNA-1	Japonica	NA		Os02g0687200	OsR498G0204557600.01.T01	FLZ-type domain-containing protein (Fragment)
maker-2-augustus-gene-289.24-mRNA-1	Japonica	NA			OsR498G0204558400.01.T02	S-ribonuclease binding protein SBP1
maker-2-augustus-gene-289.4-mRNA-1	Japonica	NA			OsR498G0204554100.01.T01	F-box/WD repeat-containing protein pof10
maker-2-augustus-gene-289.6-mRNA-1	Japonica	NA		Os02g0686300		Glycosyltransferase
maker-2-augustus-gene-290.0-mRNA-1	Japonica	NA		Os02g0687900	OsR498G0204560700.01.T05	
maker-2-augustus-gene-290.11-mRNA-1	Japonica	NA			OsR498G0204568700.01.T02	VAN3-binding protein-like
maker-2-augustus-gene-290.13-mRNA-1	Japonica	NA		Os02g0688900	OsR498G0204565000.01.T02	phosphatidylinositol glycan anchor biosynthesis class U protein isoform X1

maker-2-augustus-gene-290.6-mRNA-1	Japonica	NA		Os02g0688500	OsR498G0204562900.01.T01	Alpha-1,3-glucosyltransferase
maker-2-augustus-gene-290.9-mRNA-1	Japonica	NA		Os02g0689200	OsR498G0204565900.01.T02	
maker-2-augustus-gene-291.13-mRNA-1	Japonica	Indica		Os02g0691500	OsR498G0204574100.01.T01	Transcription factor bHLH71
maker-2-augustus-gene-291.16-mRNA-1	Japonica	Indica		Os02g0689800	OsR498G0204569400.01.T02	Protein PHOTOPERIOD-INDEPENDENT EARLY FLOWERING
maker-2-augustus-gene-291.21-mRNA-1	Japonica	NA		Os02g0689900	OsR498G0204569800.01.T04	Nitrate transporter 1.5
maker-2-augustus-gene-291.3-mRNA-1	Japonica	NA		Os02g0690700	OsR498G0204572300.01.T01	MHD domain-containing protein
maker-2-augustus-gene-291.8-mRNA-1	Japonica	NA		Os02g0690800	OsR498G0204572900.01.T01	Metalloexopeptidase
maker-2-augustus-gene-292.41-mRNA-1	Japonica	NA			OsR498G0204580300.01.T04	USP domain-containing protein (Fragment)
maker-2-augustus-gene-292.47-mRNA-1	Japonica	Japonica		Os02g0692700	OsR498G0204577600.01.T01	PLATZ transcription factor
maker-2-augustus-gene-292.50-mRNA-1	Japonica	NA		Os02g0693200	OsR498G0204580000.01.T02	J domain-containing protein
maker-2-augustus-gene-292.53-mRNA-1	Japonica	Japonica		Os02g0693500	OsR498G0204580600.01.T01	SNARE associated Golgi protein family
maker-2-augustus-gene-293.0-mRNA-1	Japonica	NA			OsR498G0204582900.01.T08	Auxin response factor
maker-2-augustus-gene-293.11-mRNA-1	Japonica	NA		Os02g0694700	OsR498G0204583700.01.T01	E3 ubiquitin-protein ligase RNF14
maker-2-augustus-gene-293.13-mRNA-1	Japonica	NA		Os02g0695600	OsR498G0204586500.01.T01	
maker-2-augustus-gene-293.15-mRNA-1	Japonica	NA		Os02g0693700	OsR498G0204581000.01.T01	ABC transporter
maker-2-augustus-gene-293.23-mRNA-1	Japonica	NA		Os02g0694100	OsR498G0204582200.01.T01	FBD domain-containing protein (Fragment)
maker-2-augustus-gene-293.25-mRNA-1	Japonica	NA			OsR498G0204582800.01.T06	Histone acetyltransferase MCC1
maker-2-augustus-gene-293.29-mRNA-1	Japonica	Indica		Os02g0694800	OsR498G0204584000.01.T02	Protein kinase domain-containing protein
maker-2-augustus-gene-293.3-mRNA-1	Japonica	NA		Os02g0694400	OsR498G0204583300.01.T05	RBR-type E3 ubiquitin transferase
maker-2-augustus-gene-293.33-mRNA-1	Japonica	NA		Os02g0695200	OsR498G0204585000.01.T01	Myb domain protein 58
maker-2-augustus-gene-293.35-mRNA-1	Japonica	Indica		Os04g0594800	OsR498G0204586800.01.T01	Oligopeptide transporter
maker-2-augustus-gene-293.5-mRNA-1	Japonica	NA			OsR498G0204583300.01.T01	RBR-type E3 ubiquitin transferase
maker-2-augustus-gene-293.8-mRNA-1	Japonica	NA			OsR498G0204583500.01.T01	RWD domain-containing protein
maker-2-augustus-gene-294.34-mRNA-1	Japonica	NA		Os02g0696500	OsR498G0204588700.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-2-augustus-gene-294.36-mRNA-1	Japonica	NA		Os02g0696700	OsR498G0204589700.01.T04	Lysine-specific demethylase lid
maker-2-augustus-gene-294.42-mRNA-1	Japonica	NA				SANT domain-containing protein
maker-2-augustus-gene-294.46-mRNA-1	Japonica	NA		Os02g0697200	OsR498G0204592100.01.T02	Survival motor neuron protein
maker-2-augustus-gene-294.50-mRNA-1	Japonica	NA		Os02g0697300	OsR498G0204592300.01.T07	MYB transcription factor 9
maker-2-augustus-gene-294.53-mRNA-1	Japonica	NA		Os02g0697600	OsR498G0204592900.01.T01	26S protease regulatory subunit 6A like
maker-2-augustus-gene-294.56-mRNA-1	Japonica	NA		Os02g0696600		
maker-2-augustus-gene-294.58-mRNA-1	Japonica	NA		Os02g0697400	OsR498G0204592600.01.T01	Coumaroyl-CoA ligase
maker-2-augustus-gene-294.61-mRNA-1	Japonica	NA			OsR498G0204592800.01.T01	Pentatricopeptide repeat
maker-2-augustus-gene-295.0-mRNA-1	Japonica	Indica		Os04g0595800	OsR498G0204593300.01.T01	Secretory carrier-associated membrane protein 5
maker-2-augustus-gene-295.12-mRNA-1	Japonica	NA		Os02g0699000	OsR498G0204597100.01.T02	
maker-2-augustus-gene-295.15-mRNA-1	Japonica	Indica		Os10g0580200	OsR498G0204597500.01.T03	ADP-ribosylation factor
maker-2-augustus-gene-295.20-mRNA-1	Japonica	NA				GTP diphosphokinase
maker-2-augustus-gene-295.23-mRNA-1	Japonica	NA			OsR498G0204598100.01.T01	Helicase swr-1
maker-2-augustus-gene-295.27-mRNA-1	Japonica	NA		Os02g0697700	OsR498G0204593200.01.T01	Histone acetyltransferase mst1
maker-2-augustus-gene-295.31-mRNA-1	Japonica	Indica		Os02g0699700	OsR498G0204598600.01.T01	DNA topoisomerase 2
maker-2-augustus-gene-295.38-mRNA-1	Japonica	NA		Os02g0700000	OsR498G0204599600.01.T03	PWWP domain
maker-2-augustus-gene-295.5-mRNA-1	Japonica	NA		Os02g0698000	OsR498G0204593700.01.T02	Phosphoribulokinase
maker-2-augustus-gene-295.9-mRNA-1	Japonica	NA		Os02g0698800	OsR498G0204594500.01.T01	DNA-binding WRKY
maker-2-augustus-gene-296.0-mRNA-1	Japonica	NA		Os02g0700100	OsR498G0204599700.01.T03	Cell division cycle protein 20
maker-2-augustus-gene-296.10-mRNA-1	Japonica	NA		Os02g0701600	OsR498G0204604100.01.T01	Gamma tocopherol methyltransferase
maker-2-augustus-gene-296.14-mRNA-1	Japonica	NA		Os02g0700400	OsR498G0204600600.01.T01	Ubiquinol oxidase
maker-2-augustus-gene-296.16-mRNA-1	Japonica	NA		Os02g0700700	OsR498G0204601200.01.T03	Protein BREVIS RADIX
maker-2-augustus-gene-296.18-mRNA-1	Japonica	NA		Os02g0701300	OsR498G0204603200.01.T01	Growth-regulating factor
maker-2-augustus-gene-296.4-mRNA-1	Japonica	NA		Os02g0700300	OsR498G0204600300.01.T01	HTH myb-type domain-containing protein (Fragment)
maker-2-augustus-gene-297.47-mRNA-1	Japonica	NA		Os02g0701900	OsR498G0204605500.01.T01	3-dehydrosphinganine reductase TSC10B
maker-2-augustus-gene-297.49-mRNA-1	Japonica	NA		Os02g0702000	OsR498G0204605700.01.T01	Homing endonuclease, LAGLIDADG
maker-2-augustus-gene-297.51-mRNA-1	Japonica	NA		Os02g0702400	OsR498G0204607500.01.T01	Pectin acetyltransferase
maker-2-augustus-gene-297.58-mRNA-1	Japonica	Indica		Os04g0601700	OsR498G0204604400.01.T05	V-type proton ATPase subunit G
maker-2-augustus-gene-297.66-mRNA-1	Japonica	NA		Os02g0702500	OsR498G0204608000.01.T04	Protein kinase domain-containing protein
maker-2-augustus-gene-297.73-mRNA-1	Japonica	NA				Plant specific Rop nucleotide exchanger, PRONE
maker-2-augustus-gene-297.76-mRNA-1	Japonica	NA			OsR498G0204609400.01.T01	Allantoate deiminase isoform X1
maker-2-augustus-gene-297.78-mRNA-1	Japonica	NA		Os02g0702800	OsR498G0204609600.01.T01	t-SNARE coiled-coil homology domain-containing protein (Fragment)
maker-2-augustus-gene-298.0-mRNA-1	Japonica	Indica		Os02g0703600	OsR498G0204611500.01.T01	Abscisic acid 8'-hydroxylase
maker-2-augustus-gene-298.10-mRNA-1	Japonica	NA		Os02g0704500	OsR498G0204613900.01.T01	Lipid phosphate phosphatase epsilon 2 chloroplastic
maker-2-augustus-gene-298.14-mRNA-1	Japonica	NA			OsR498G0204614500.01.T01	Ornithine transcarbamylase
maker-2-augustus-gene-298.16-mRNA-1	Japonica	Japonica		Os02g0704300	OsR498G0916748200.01.T04	DNA-binding protein SMUBP-2
maker-2-augustus-gene-298.18-mRNA-1	Japonica	NA		Os02g0704600	OsR498G0204614200.01.T01	

maker-2-augustus-gene-298.20-mRNA-1	Japonica	NA		Os02g0704900	OsR498G0204614800.01.T04	Soluble inorganic pyrophosphatase
maker-2-augustus-gene-298.4-mRNA-1	Japonica	NA		Os05g0394100		NAM-associated domain-containing protein
maker-2-augustus-gene-298.6-mRNA-1	Japonica	Japonica		Os02g0703900	OsR498G0204612100.01.T04	Auxin-induced protein 5NG4
maker-2-augustus-gene-299.0-mRNA-1	Japonica	NA		Os02g0705300	OsR498G0204615900.01.T02	Tubby-like F-box protein 5
maker-2-augustus-gene-299.11-mRNA-1	Japonica	NA		Os02g0705100	OsR498G0204615400.01.T01	Pheophytinase, chloroplastic
maker-2-augustus-gene-299.14-mRNA-1	Japonica	NA		Os02g0705500	OsR498G0204616600.01.T02	BHLH transcription factor
maker-2-augustus-gene-299.18-mRNA-1	Japonica	NA		Os02g0705600	OsR498G0204618400.01.T03	RING-type E3 ubiquitin transferase
maker-2-augustus-gene-299.3-mRNA-1	Japonica	NA		Os02g0705400	OsR498G0204616300.01.T01	Usp domain-containing protein (Fragment)
maker-2-augustus-gene-299.6-mRNA-1	Japonica	NA			OsR498G0204615200.01.T02	Replication factor C subunit 3
maker-2-augustus-gene-299.8-mRNA-1	Japonica	NA		Os02g0705000	OsR498G0204615200.01.T06	NmrA domain-containing protein (Fragment)
maker-2-augustus-gene-3.0-mRNA-1	Japonica	NA		Os02g0104700	OsR498G0202812300.01.T03	Nitric oxide synthase-associated protein I
maker-2-augustus-gene-3.14-mRNA-1	Japonica	NA			OsR498G0202813300.01.T07	Protein transport protein sec16
maker-2-augustus-gene-3.26-mRNA-1	Japonica	NA		Os02g0105400	OsR498G0202813900.01.T01	L-lactate dehydrogenase A
maker-2-augustus-gene-3.28-mRNA-1	Japonica	NA		Os02g0105500	OsR498G0202814300.01.T01	BAG family molecular chaperone regulator 7
maker-2-augustus-gene-3.30-mRNA-1	Japonica	NA			OsR498G0202814900.01.T02	40S ribosomal subunit protein S14
maker-2-augustus-gene-3.31-mRNA-1	Japonica	NA		Os02g0106100	OsR498G0202817500.01.T01	Acid beta-fructofuranosidase
maker-2-augustus-gene-3.4-mRNA-1	Japonica	Indica		Os02g0104800	OsR498G0202812500.01.T01	RNA-binding protein 48
maker-2-augustus-gene-3.41-mRNA-1	Japonica	NA		Os02g0105900	OsR498G0202815400.01.T01	S4 RNA-binding domain-containing protein (Fragment)
maker-2-augustus-gene-3.9-mRNA-1	Japonica	NA		Os02g0105000	OsR498G0202812900.01.T02	RNA-binding protein 48
maker-2-augustus-gene-300.36-mRNA-1	Japonica	NA		Os02g0706500	OsR498G0204620100.01.T01	Putative AAA-type ATPase
maker-2-augustus-gene-300.40-mRNA-1	Japonica	Indica		Os02g0708100	OsR498G0204625500.01.T02	Glutamine amidotransferase type-1 domain-containing protein (Fragment)
maker-2-augustus-gene-300.46-mRNA-1	Japonica	NA		Os02g0708200	OsR498G0204625700.01.T01	Uridine-cytidine kinase C
maker-2-augustus-gene-300.51-mRNA-1	Japonica	Indica		Os02g0708300	OsR498G0204625900.01.T03	RING-box protein 1a isoform B
maker-2-augustus-gene-300.55-mRNA-1	Japonica	Indica		Os02g0706900	OsR498G0204621800.01.T01	AB hydrolase-1 domain-containing protein (Fragment)
maker-2-augustus-gene-300.57-mRNA-1	Japonica	Indica		Os02g0707000	OsR498G0204622200.01.T01	Monodehydroascorbate reductase
maker-2-augustus-gene-300.59-mRNA-1	Japonica	NA		Os02g0707100	OsR498G0204622400.01.T01	Monodehydroascorbate reductase
maker-2-augustus-gene-300.63-mRNA-1	Japonica	NA		Os02g0707200	OsR498G0204622600.01.T02	Dof zinc finger protein 12
maker-2-augustus-gene-300.65-mRNA-1	Japonica	NA		Os02g0707900	OsR498G0204624800.01.T03	Ethylene response protein
maker-2-augustus-gene-301.26-mRNA-1	Japonica	NA			OsR498G0204626700.01.T01	Putative SET-domain transcriptional regulator
maker-2-augustus-gene-301.34-mRNA-1	Japonica	NA		Os02g0709000	OsR498G0204628700.01.T01	C2H2L domain class transcription factor
maker-2-augustus-gene-301.36-mRNA-1	Japonica	NA		Os02g0709400	OsR498G0204630500.01.T02	Calpain-type cysteine protease DEK1
maker-2-augustus-gene-301.42-mRNA-1	Japonica	Indica		Os05g0577100	OsR498G0204631100.01.T02	Plant-specific domain TIGR01570 family protein
maker-2-augustus-gene-301.44-mRNA-1	Japonica	NA		Os02g0708400	OsR498G0204626200.01.T02	Kinesin light chain
maker-2-augustus-gene-301.47-mRNA-1	Japonica	NA			OsR498G0204629000.01.T01	
maker-2-augustus-gene-301.49-mRNA-1	Japonica	NA		Os02g0709200	OsR498G0204629400.01.T01	Histidinol-phosphate aminotransferase 2 chloroplastic
maker-2-augustus-gene-301.52-mRNA-1	Japonica	NA		Os02g0709800	OsR498G0204632400.01.T06	RabGAP/TBC domain-containing protein (Fragment)
maker-2-augustus-gene-301.58-mRNA-1	Japonica	NA		Os02g0709900	OsR498G0204632600.01.T03	Protein CROWDED NUCLEI 1
maker-2-augustus-gene-302.30-mRNA-1	Japonica	NA		Os02g0710300	OsR498G0204634900.01.T01	Transcription factor bHLH83
maker-2-augustus-gene-302.32-mRNA-1	Japonica	NA	Kinase-TM	Os02g0710500	OsR498G0204635700.01.T01	Liguleless narrow
maker-2-augustus-gene-302.37-mRNA-1	Japonica	NA		Os02g0710700	OsR498G0204636700.01.T01	Laccase
maker-2-augustus-gene-302.39-mRNA-1	Japonica	NA			OsR498G0204636900.01.T02	ATP-dependent DNA helicase RecG
maker-2-augustus-gene-302.45-mRNA-1	Japonica	NA		Os02g0710900	OsR498G0204637100.01.T01	Heat shock protein 17
maker-2-augustus-gene-302.50-mRNA-1	Japonica	NA			OsR498G0204637500.01.T03	p-loop containing nucleoside triphosphate hydrolases superfamily protein is
maker-2-augustus-gene-302.53-mRNA-1	Japonica	NA			OsR498G0204633400.01.T01	
maker-2-augustus-gene-302.55-mRNA-1	Japonica	Indica		Os02g0711000	OsR498G0204637400.01.T04	Pentatricopeptide repeat-containing protein (Fragment)
maker-2-augustus-gene-303.0-mRNA-1	Japonica	NA		Os02g0713400	OsR498G0204643100.01.T01	Thioredoxin reductase NTRB
maker-2-augustus-gene-303.13-mRNA-1	Japonica	NA		Os02g0712400		AP2 domain class transcription factor
maker-2-augustus-gene-303.14-mRNA-1	Japonica	NA		Os02g0712500	OsR498G0204640800.01.T01	Glycosyltransferase family 92 protein (Fragment)
maker-2-augustus-gene-303.16-mRNA-1	Japonica	NA	Kinase-TM	Os02g0712600	OsR498G0204641600.01.T01	Lectin receptor kinase
maker-2-augustus-gene-303.18-mRNA-1	Japonica	NA	Kinase-TM	Os02g0712700	OsR498G0204641800.01.T01	Lectin receptor kinase 1
maker-2-augustus-gene-303.2-mRNA-1	Japonica	NA		Os02g0713600		Zinc finger BED domain-containing protein RICESLEEPER 2
maker-2-augustus-gene-303.21-mRNA-1	Japonica	NA		Os02g0713500		F-box domain-containing protein
maker-2-augustus-gene-303.23-mRNA-1	Japonica	NA		Os02g0713700	OsR498G0204645000.01.T02	PPC domain-containing protein (Fragment)
maker-2-augustus-gene-303.4-mRNA-1	Japonica	NA		Os02g0711900	OsR498G0204639600.01.T01	Trithorax group protein osa-like
maker-2-augustus-gene-303.6-mRNA-1	Japonica	Indica		Os02g0712000	OsR498G0204639800.01.T04	Pro-apoptotic serine protease NMA111
maker-2-augustus-gene-304.31-mRNA-1	Japonica	NA		Os02g0714000	OsR498G0204646900.01.T01	RRM domain-containing protein
maker-2-augustus-gene-304.37-mRNA-1	Japonica	NA		Os02g0714600	OsR498G0204648300.01.T01	Ribose-phosphate pyrophosphokinase 4
maker-2-augustus-gene-304.41-mRNA-1	Japonica	NA				Peptidase S1 and S6 chymotrypsin/Hap
maker-2-augustus-gene-304.44-mRNA-1	Japonica	NA		Os02g0715000	OsR498G0204650300.01.T01	Cysteine protease XCP1
maker-2-augustus-gene-304.46-mRNA-1	Japonica	NA		Os02g0715200	OsR498G0204650700.01.T02	Short-chain dehydrogenase/reductase family 42E member 1
maker-2-augustus-gene-304.50-mRNA-1	Japonica	Indica		Os08g0512700	OsR498G0204646800.01.T02	3-hydroxy-3-methylglutaryl coenzyme A reductase

maker-2-augustus-gene-304.54-mRNA-1	Japonica	NA		Os02g0714100	OsR498G0204647200.01.T04	Acyltransferase
maker-2-augustus-gene-304.59-mRNA-1	Japonica	NA		Os02g0714200	OsR498G0204647600.01.T02	Pyrophosphate--fructose 6-phosphate 1-phosphotransferase subunit alpha
maker-2-augustus-gene-304.65-mRNA-1	Japonica	NA		Os02g0714300	OsR498G0204647800.01.T04	AT-rich interactive domain-containing protein 3
maker-2-augustus-gene-305.0-mRNA-1	Japonica	NA		Os02g0717100	OsR498G0204654300.01.T02	Transcriptional regulator ATRX-like
maker-2-augustus-gene-305.11-mRNA-1	Japonica	NA		Os02g0717400	OsR498G0204656200.01.T02	Clustered mitochondria protein homolog
maker-2-augustus-gene-305.2-mRNA-1	Japonica	NA		Os02g0717300	OsR498G0204655300.01.T02	Outer envelope pore protein like
maker-2-augustus-gene-305.4-mRNA-1	Japonica	NA		Os02g0717500	OsR498G0204656700.01.T01	Flavonol synthase/flavanone 3-hydroxylase
maker-2-augustus-gene-305.8-mRNA-1	Japonica	NA		Os02g0716800	OsR498G0204653800.01.T02	Nitrate transporter 1.5
maker-2-augustus-gene-306.0-mRNA-1	Japonica	NA		Os02g0718900	OsR498G0204659500.01.T02	ADP,ATP carrier protein, mitochondrial
maker-2-augustus-gene-306.12-mRNA-1	Japonica	NA		Os02g0719600	OsR498G0204661700.01.T01	Anthranilate O-methyltransferase 2
maker-2-augustus-gene-306.2-mRNA-1	Japonica	NA		Os02g0719000	OsR498G0204659900.01.T01	Rho protein GDP-dissociation inhibitor
maker-2-augustus-gene-306.20-mRNA-1	Japonica	NA			OsR498G0204662700.01.T02	PHD-type domain-containing protein
maker-2-augustus-gene-306.22-mRNA-1	Japonica	NA		Os02g0720200	OsR498G0204663300.01.T01	65-kDa microtubule-associated protein 1
maker-2-augustus-gene-306.25-mRNA-1	Japonica	NA		Os02g0720300	OsR498G0204663500.01.T01	Protein-tyrosine-phosphatase IBR5
maker-2-augustus-gene-306.28-mRNA-1	Japonica	NA			OsR498G0204657000.01.T01	Cobryic acid synthase
maker-2-augustus-gene-306.34-mRNA-1	Japonica	Indica		Os02g0717800	OsR498G0204665700.01.T01	60S ribosomal protein L31
maker-2-augustus-gene-306.36-mRNA-1	Japonica	NA		Os02g0720100	OsR498G0204663200.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-2-augustus-gene-306.7-mRNA-1	Japonica	NA		Os02g0719100	OsR498G0204660100.01.T04	Fimbrin 1
maker-2-augustus-gene-307.0-mRNA-1	Japonica	Indica		Os06g0610800	OsR498G0204664300.01.T02	Putative chloroplast nucleoid DNA-binding protein cnd41
maker-2-augustus-gene-307.14-mRNA-1	Japonica	NA		Os02g0721100	OsR498G0204666800.01.T01	Putative ubiquitin-conjugating enzyme 11
maker-2-augustus-gene-307.16-mRNA-1	Japonica	Indica		Os02g0721100	OsR498G0204669000.01.T01	UBC core domain-containing protein (Fragment)
maker-2-augustus-gene-307.18-mRNA-1	Japonica	NA		Os02g0721600	OsR498G0204669200.01.T02	WD-repeat protein-like
maker-2-augustus-gene-307.19-mRNA-1	Japonica	NA		Os02g0721600	OsR498G0204669200.01.T03	WD-repeat protein-like
maker-2-augustus-gene-307.2-mRNA-1	Japonica	NA		Os02g0720900		Peptidase A1 domain-containing protein (Fragment)
maker-2-augustus-gene-307.26-mRNA-1	Japonica	NA		Os02g0721700	OsR498G0204670000.01.T01	GPI-anchored protein LLG1
maker-2-augustus-gene-307.28-mRNA-1	Japonica	NA		Os02g0721800	OsR498G0204670200.01.T03	Phosphatidylinositol/phosphatidylcholine transfer protein SFH13
maker-2-augustus-gene-307.33-mRNA-1	Japonica	Indica		Os07g0675400	OsR498G0204671400.01.T03	Tyrosyl-tRNA synthetase
maker-2-augustus-gene-307.36-mRNA-1	Japonica	Indica		Os02g0722200	OsR498G0204671400.01.T04	Tyrosyl-tRNA synthetase
maker-2-augustus-gene-307.4-mRNA-1	Japonica	Japonica		Os02g0789700	OsR498G1120753400.01.T01	
maker-2-augustus-gene-307.7-mRNA-1	Japonica	Japonica		Os02g0720600	OsR498G0611518800.01.T01	Peptidase A1 domain-containing protein (Fragment)
maker-2-augustus-gene-307.9-mRNA-1	Japonica	NA		Os02g0720700	OsR498G0204665200.01.T01	Chloride channel protein CLC-f
maker-2-augustus-gene-308.34-mRNA-1	Japonica	NA	CC-Kinase		OsR498G0204671700.01.T01	Non-specific serine/threonine protein kinase
maker-2-augustus-gene-308.37-mRNA-1	Japonica	NA		Os02g0722400	OsR498G0204672700.01.T01	Amino acid permease 7
maker-2-augustus-gene-308.39-mRNA-1	Japonica	NA			OsR498G0204674100.01.T04	KH domain-containing protein
maker-2-augustus-gene-308.42-mRNA-1	Japonica	NA		Os02g0723700	OsR498G0204678100.01.T01	Bushy growth protein (Fragment)
maker-2-augustus-gene-308.47-mRNA-1	Japonica	NA		Os02g0722500	OsR498G0204673000.01.T02	ADP-ribosylation factor GTPase-activating protein AGD12
maker-2-augustus-gene-308.52-mRNA-1	Japonica	NA		Os02g0722800	OsR498G0204674600.01.T01	WD40, G-beta domain containing family protein, family
maker-2-augustus-gene-308.56-mRNA-1	Japonica	NA			OsR498G0204677000.01.T05	RPOL4c domain-containing protein
maker-2-augustus-gene-308.62-mRNA-1	Japonica	NA				DNA-directed RNA polymerases I and III subunit RPAC1
maker-2-augustus-gene-309.0-mRNA-1	Japonica	Indica		Os02g0724000	OsR498G0204681300.01.T06	Zinc finger protein CONSTANS-LIKE 9
maker-2-augustus-gene-309.15-mRNA-1	Japonica	NA	Kinase-TM	Os02g0725000	OsR498G0204682900.01.T03	serine/threonine-protein kinase D6PK
maker-2-augustus-gene-309.23-mRNA-1	Japonica	NA		Os02g0725300	OsR498G0204683900.01.T01	Putative cellulose synthase (UDP-forming)
maker-2-augustus-gene-309.3-mRNA-1	Japonica	Indica		Os02g0724500	OsR498G0204681900.01.T03	TPT domain-containing protein (Fragment)
maker-2-augustus-gene-309.33-mRNA-1	Japonica	Indica		Os02g0725600	OsR498G0204684900.01.T01	tRNA (guanine(9)-N(1))-methyltransferase
maker-2-augustus-gene-309.36-mRNA-1	Japonica	NA		Os06g0682750		AAI domain-containing protein (Fragment)
maker-2-augustus-gene-309.38-mRNA-1	Japonica	NA		Os02g0725100	OsR498G0204683400.01.T01	Retrotransposon protein Ty1-copia subclass
maker-2-augustus-gene-309.42-mRNA-1	Japonica	NA		Os02g0725500	OsR498G0204684600.01.T01	Phytoecyanin domain-containing protein
maker-2-augustus-gene-309.8-mRNA-1	Japonica	Indica		Os09g0551300	OsR498G0204682100.01.T01	tRNA and rRNA cytosine-C5-methylase (Nucleolar protein NOL1/NOP2)
maker-2-augustus-gene-31.56-mRNA-1	Japonica	NA		Os02g0156100	OsR498G0202996300.01.T01	Protein kinase domain-containing protein
maker-2-augustus-gene-31.64-mRNA-1	Japonica	NA	LRR-TM	Os02g0156800	OsR498G0203001200.01.T02	Tyrosine-sulfated glycopeptide receptor 1
maker-2-augustus-gene-310.35-mRNA-1	Japonica	NA		Os02g0726400	OsR498G0204688500.01.T01	BSD domain-containing protein (Fragment)
maker-2-augustus-gene-310.40-mRNA-1	Japonica	Indica		Os06g0284200	OsR498G0204688900.01.T01	O-fucosyltransferase family protein
maker-2-augustus-gene-310.43-mRNA-1	Japonica	NA		Os02g0727300	OsR498G0204690300.01.T02	RING-type E3 ubiquitin transferase
maker-2-augustus-gene-310.45-mRNA-1	Japonica	NA		Os02g0725900	OsR498G0204686400.01.T01	CCAAT-binding transcription factor
maker-2-augustus-gene-310.47-mRNA-1	Japonica	NA				Transcription factor BIM3
maker-2-augustus-gene-310.53-mRNA-1	Japonica	NA		Os02g0727100	OsR498G0204690000.01.T01	System N amino acid transporter
maker-2-augustus-gene-310.57-mRNA-1	Japonica	NA		Os02g0728100	OsR498G0204693400.01.T05	Signal peptide peptidase isoform 1
maker-2-augustus-gene-311.51-mRNA-1	Japonica	Indica		Os02g0581300	OsR498G0204693700.01.T02	LAG1 longevity assurance homolog 3
maker-2-augustus-gene-311.54-mRNA-1	Japonica	NA		Os02g0728700	OsR498G0204695100.01.T02	RRP7 domain-containing protein (Fragment)
maker-2-augustus-gene-311.57-mRNA-1	Japonica	NA			OsR498G0204695300.01.T01	Putative senescence-associated protein 5
maker-2-augustus-gene-311.59-mRNA-1	Japonica	NA		Os02g0728900		Mediator of RNA polymerase II transcription subunit 11

maker-2-augustus-gene-311.63-mRNA-1	Japonica	NA		Os02g0189000	OsR498G0203126400.01.T01	
maker-2-augustus-gene-311.65-mRNA-1	Japonica	NA		Os02g0729100	OsR498G0204696500.01.T01	Leaf senescence protein-like
maker-2-augustus-gene-311.68-mRNA-1	Japonica	NA		Os02g0729700	OsR498G0204701500.01.T01	Homeobox-leucine zipper protein HOX16
maker-2-augustus-gene-311.70-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os06g0274500	OsR498G0204694200.01.T01	Putative somatic embryogenesis protein kinase 1
maker-2-augustus-gene-311.77-mRNA-1	Japonica	NA		Os02g0728600	OsR498G0204695000.01.T01	Ribonucloprotein (Fragment)
maker-2-augustus-gene-311.78-mRNA-1	Japonica	Indica		Os06g0272900	OsR498G0204697000.01.T01	Leaf senescence protein-like
maker-2-augustus-gene-311.80-mRNA-1	Japonica	NA			OsR498G0204698800.01.T01	Rhodanese domain-containing protein
maker-2-augustus-gene-311.83-mRNA-1	Japonica	NA		Os02g0729400	OsR498G0204698800.01.T04	Extracellular calcium sensing receptor
maker-2-augustus-gene-311.85-mRNA-1	Japonica	NA		Os02g0730000	OsR498G0204703200.01.T02	Aldehyde dehydrogenase2
maker-2-augustus-gene-311.89-mRNA-1	Japonica	Japonica		Os02g0730100	OsR498G0204703400.01.T02	Nop domain-containing protein (Fragment)
maker-2-augustus-gene-312.41-mRNA-1	Japonica	NA		Os02g0730400	OsR498G0204705500.01.T01	NHL repeat-containing protein 2
maker-2-augustus-gene-312.46-mRNA-1	Japonica	Indica		Os06g0268800	OsR498G0204706100.01.T01	Aluminum-activated malate transporter like
maker-2-augustus-gene-312.48-mRNA-1	Japonica	NA		Os02g0730800	OsR498G0204706700.01.T04	Organelle RRM domain-containing protein 1, chloroplastic
maker-2-augustus-gene-312.53-mRNA-1	Japonica	NA		Os02g0731200	OsR498G0204707300.01.T06	MADS-box transcription factor
maker-2-augustus-gene-312.58-mRNA-1	Japonica	NA				CAAD domain-containing protein (Fragment)
maker-2-augustus-gene-312.60-mRNA-1	Japonica	NA		Os02g0730500	OsR498G0204705800.01.T01	rRNA-processing protein fcf2
maker-2-augustus-gene-312.63-mRNA-1	Japonica	NA		Os02g0730700		Aspartyl protease APCB1
maker-2-augustus-gene-312.65-mRNA-1	Japonica	Indica		Os02g0731500	OsR498G0204708400.01.T02	ABA induced plasma membrane protein PM 19
maker-2-augustus-gene-312.68-mRNA-1	Japonica	Indica		Os02g0731700	OsR498G0204708800.01.T01	B-box zinc finger protein 10
maker-2-augustus-gene-313.43-mRNA-1	Japonica	NA		Os02g0732200	OsR498G0204711700.01.T03	RING-type E3 ubiquitin transferase
maker-2-augustus-gene-313.47-mRNA-1	Japonica	Indica		Os06g0260000	OsR498G0204712100.01.T01	Tify domain-containing protein
maker-2-augustus-gene-313.49-mRNA-1	Japonica	NA			OsR498G0204712500.01.T02	Tify domain-containing protein
maker-2-augustus-gene-313.53-mRNA-1	Japonica	NA		Os02g0732900	OsR498G0204714500.01.T01	APO protein 2 chloroplastic
maker-2-augustus-gene-313.55-mRNA-1	Japonica	NA		Os02g0733300	OsR498G0204716300.01.T01	Endoglucanase
maker-2-augustus-gene-313.59-mRNA-1	Japonica	NA		Os02g0733800	OsR498G0204717700.01.T03	Rubis-sub5-bind domain-containing protein (Fragment)
maker-2-augustus-gene-313.65-mRNA-1	Japonica	NA		Os02g0732600	OsR498G0204713400.01.T01	Myb-related transcription factor
maker-2-augustus-gene-313.67-mRNA-1	Japonica	NA				Mediator of RNA polymerase II transcription subunit 23
maker-2-augustus-gene-313.75-mRNA-1	Japonica	Indica		Os06g0257600	OsR498G0204714400.01.T01	GDLS esterase/lipase
maker-2-augustus-gene-313.79-mRNA-1	Japonica	NA			OsR498G0204714800.01.T01	Dynein light chain
maker-2-augustus-gene-313.81-mRNA-1	Japonica	NA		Os02g0733400	OsR498G0204716800.01.T01	
maker-2-augustus-gene-314.37-mRNA-1	Japonica	NA		Os02g0734300	OsR498G0204719900.01.T01	Nudix hydrolase 17 mitochondrial
maker-2-augustus-gene-314.39-mRNA-1	Japonica	Indica		Os02g0734400	OsR498G0204720300.01.T01	probable peroxygenase 5
maker-2-augustus-gene-314.42-mRNA-1	Japonica	Indica		Os02g0734400	OsR498G0204720700.01.T01	Caleosin
maker-2-augustus-gene-314.45-mRNA-1	Japonica	NA		Os02g0734600	OsR498G0204720900.01.T01	Peroxygenase
maker-2-augustus-gene-314.50-mRNA-1	Japonica	NA				TPR repeat-containing protein YfgC
maker-2-augustus-gene-314.52-mRNA-1	Japonica	NA		Os02g0735100	OsR498G0204723300.01.T01	Mitochondrial metalloendopeptidase OMA1
maker-2-augustus-gene-314.54-mRNA-1	Japonica	NA		Os02g0735700	OsR498G0204725300.01.T01	Ankyrin repeat
maker-2-augustus-gene-314.57-mRNA-1	Japonica	NA		Os02g0735200	OsR498G0204723800.01.T02	Glutamine synthetase cytosolic isozyme 2
maker-2-augustus-gene-314.63-mRNA-1	Japonica	NA			OsR498G0204725800.01.T03	E3 ubiquitin-protein ligase At4g11680 family
maker-2-augustus-gene-315.0-mRNA-1	Japonica	NA		Os02g0736100	OsR498G0204726900.01.T01	Microtubule-associated protein like
maker-2-augustus-gene-315.10-mRNA-1	Japonica	NA		Os02g0736300	OsR498G0204727600.01.T01	MACPF domain-containing protein (Fragment)
maker-2-augustus-gene-315.14-mRNA-1	Japonica	NA		Os02g0736400	OsR498G0204727800.01.T02	Pyrimidine 1 isoform 1
maker-2-augustus-gene-315.18-mRNA-1	Japonica	NA		Os02g0736500	OsR498G0204728000.01.T03	Nicastrin
maker-2-augustus-gene-315.24-mRNA-1	Japonica	NA		Os02g0736700		
maker-2-augustus-gene-315.6-mRNA-1	Japonica	NA		Os02g0736600	OsR498G0204728100.01.T03	RNA helicase
maker-2-augustus-gene-316.0-mRNA-1	Japonica	NA				
maker-2-augustus-gene-316.14-mRNA-1	Japonica	NA		Os02g0738900	OsR498G0204736200.01.T01	Dynamin GTPase
maker-2-augustus-gene-316.2-mRNA-1	Japonica	NA			OsR498G0204733700.01.T01	Histidine kinase
maker-2-augustus-gene-316.21-mRNA-1	Japonica	Indica		Os02g0739100	OsR498G0204737000.01.T01	Formin-like protein 16
maker-2-augustus-gene-316.5-mRNA-1	Japonica	NA		Os02g0738600	OsR498G0204735300.01.T01	Endoglucanase
maker-2-augustus-gene-316.9-mRNA-1	Japonica	NA		Os02g0739000	OsR498G0204736700.01.T01	Increased size exclusion limit 2
maker-2-augustus-gene-317.0-mRNA-1	Japonica	NA		Os02g0740500	OsR498G0204743700.01.T01	
maker-2-augustus-gene-317.12-mRNA-1	Japonica	NA		Os02g0739700	OsR498G0204741400.01.T01	Transcription factor E2F7
maker-2-augustus-gene-317.16-mRNA-1	Japonica	Indica		Os06g0244700	OsR498G0204741800.01.T01	Microtubule-associated protein TORTIFOLIA1
maker-2-augustus-gene-317.18-mRNA-1	Japonica	NA		Os02g0740300	OsR498G0204743000.01.T01	meiotic spindle formation protein mei-1 isoform X1
maker-2-augustus-gene-317.2-mRNA-1	Japonica	NA		Os02g0741100	OsR498G0204745100.01.T01	Chaperone protein dnaJ 16
maker-2-augustus-gene-317.22-mRNA-1	Japonica	NA		Os02g0740400	OsR498G0204743200.01.T01	GDLS esterase/lipase APG
maker-2-augustus-gene-317.8-mRNA-1	Japonica	NA		Os02g0739600	OsR498G0204741000.01.T01	Pyruvate dehydrogenase E1 component subunit alpha, mitochondrial
maker-2-augustus-gene-318.24-mRNA-1	Japonica	NA		Os02g0741300	OsR498G0204745700.01.T02	alpha-1,2-Mannosidase
maker-2-augustus-gene-318.28-mRNA-1	Japonica	NA		Os02g0742000	OsR498G0204748300.01.T01	BAH domain
maker-2-augustus-gene-318.30-mRNA-1	Japonica	NA			OsR498G0204746200.01.T01	Nuclear-pore anchor

maker-2-augustus-gene-318.39-mRNA-1	Japonica	NA		Os02g0741700	OsR498G0204746400.01.T01	
maker-2-augustus-gene-318.42-mRNA-1	Japonica	NA		Os02g0741800	OsR498G0204747400.01.T02	Nucleobase-ascorbate transporter 6
maker-2-augustus-gene-318.47-mRNA-1	Japonica	Japonica		Os02g0741900	OsR498G0204747800.01.T01	AD domain-containing protein (Fragment)
maker-2-augustus-gene-318.49-mRNA-1	Japonica	NA		Os02g0742200	OsR498G0204749000.01.T01	Rac-like GTP-binding protein 3
maker-2-augustus-gene-318.53-mRNA-1	Japonica	Indica		Os06g0234100	OsR498G0204750000.01.T02	Protease Do-like protein 9
maker-2-augustus-gene-319.34-mRNA-1	Japonica	Indica	CC-Kinase-TM	Os02g0743500	OsR498G0204756500.01.T01	Serine/threonine-protein kinase CTR1
maker-2-augustus-gene-319.39-mRNA-1	Japonica	NA			OsR498G0204757300.01.T01	Latex abundant protein 1
maker-2-augustus-gene-319.41-mRNA-1	Japonica	NA		Os02g0743700	OsR498G0204757700.01.T01	NEP1-interacting protein-like 2
maker-2-augustus-gene-319.45-mRNA-1	Japonica	NA		Os02g0744000	OsR498G0204758500.01.T02	Photosynthetic NDH subunit of subcomplex B 4 chloroplastic
maker-2-augustus-gene-319.47-mRNA-1	Japonica	NA			OsR498G0204751200.01.T03	p-loop containing nucleoside triphosphate hydrolase superfamily protein
maker-2-augustus-gene-319.54-mRNA-1	Japonica	NA		Os02g0743400	OsR498G0204755400.01.T01	Auxin efflux carrier component
maker-2-augustus-gene-319.56-mRNA-1	Japonica	NA				Casparian strip membrane protein 4
maker-2-augustus-gene-320.0-mRNA-1	Japonica	NA		Os02g0744100	OsR498G0204759300.01.T01	Methyltransferase-like protein 7A
maker-2-augustus-gene-320.11-mRNA-1	Japonica	NA		Os02g0745100	OsR498G0204764100.01.T01	Aquaporin NIP2-1
maker-2-augustus-gene-320.14-mRNA-1	Japonica	NA			OsR498G0204765100.01.T01	NAC domain class transcription factor
maker-2-augustus-gene-320.16-mRNA-1	Japonica	NA		Os02g0745400	OsR498G0204765300.01.T02	Hexosyltransferase
maker-2-augustus-gene-320.18-mRNA-1	Japonica	NA		Os02g0745600	OsR498G0204765700.01.T01	DCD domain-containing protein (Fragment)
maker-2-augustus-gene-320.21-mRNA-1	Japonica	NA		Os02g0745700	OsR498G0204765900.01.T01	Aldehyde oxygenase (deformylating)
maker-2-augustus-gene-320.25-mRNA-1	Japonica	NA			OsR498G0204761200.01.T01	Putative mannan synthase
maker-2-augustus-gene-320.3-mRNA-1	Japonica	NA		Os02g0744200	OsR498G0204760300.01.T01	Expansin
maker-2-augustus-gene-320.32-mRNA-1	Japonica	NA		Os02g0744700	OsR498G0204761600.01.T01	Starch synthase, chloroplastic/amyloplastic
maker-2-augustus-gene-320.37-mRNA-1	Japonica	NA			OsR498G0204762600.01.T01	RWP-RK domain-containing protein
maker-2-augustus-gene-320.39-mRNA-1	Japonica	Indica		Os02g0745000	OsR498G0204763000.01.T01	ATPase ARSA1 isoform A
maker-2-augustus-gene-320.5-mRNA-1	Japonica	NA			OsR498G0509807100.01.T01	Putative LRR receptor-like serine/threonine-protein kinase IRK
maker-2-augustus-gene-320.7-mRNA-1	Japonica	NA		Os02g0744501		
maker-2-augustus-gene-320.9-mRNA-1	Japonica	NA		Os02g0744900	OsR498G0204762300.01.T01	Geranylgeranyl diphosphate reductase, chloroplastic
maker-2-augustus-gene-321.31-mRNA-1	Japonica	NA			OsR498G0204766300.01.T02	Aldehyde oxygenase (deformylating)
maker-2-augustus-gene-321.36-mRNA-1	Japonica	NA		Os02g0746000	OsR498G0204766600.01.T03	Cullin-3
maker-2-augustus-gene-326.37-mRNA-1	Japonica	NA		Os06g0677700	OsR498G0613174100.01.T01	Cleavage and polyadenylation specificity factor like
maker-2-augustus-gene-331.52-mRNA-1	Japonica	NA		Os11g0205500	OsR498G1119581200.01.T01	
maker-2-augustus-gene-332.28-mRNA-1	Japonica	NA				Copper-transporting ATPase RAN1
maker-2-augustus-gene-337.42-mRNA-1	Japonica	NA		Os02g0747500	OsR498G0204772500.01.T03	
maker-2-augustus-gene-337.46-mRNA-1	Japonica	NA		Os02g0749000	OsR498G0815725100.01.T05	AAA domain-containing protein
maker-2-augustus-gene-337.52-mRNA-1	Japonica	NA				AP2-like ethylene-responsive transcription factor AIL6 isoform A
maker-2-augustus-gene-337.57-mRNA-1	Japonica	Indica		Os06g0226500	OsR498G0204774000.01.T01	Transcription factor ILI5
maker-2-augustus-gene-337.59-mRNA-1	Japonica	NA		Os02g0748100	OsR498G0204775600.01.T03	RAD50-interacting protein 1 (Fragment)
maker-2-augustus-gene-338.37-mRNA-1	Japonica	NA			OsR498G0204779500.01.T01	AAA domain-containing protein (Fragment)
maker-2-augustus-gene-338.42-mRNA-1	Japonica	Indica		Os02g0749300	OsR498G0204780700.01.T01	Shikimate kinase
maker-2-augustus-gene-338.47-mRNA-1	Japonica	NA			OsR498G0204783300.01.T01	Tetrapeptide repeat (TPR)-like superfamily protein isoform 1
maker-2-augustus-gene-338.49-mRNA-1	Japonica	NA		Os02g0751100		Aspartic proteinase nepenthesin-1
maker-2-augustus-gene-338.51-mRNA-1	Japonica	NA			OsR498G0204781600.01.T02	Exocyst complex component Sec6
maker-2-augustus-gene-338.59-mRNA-1	Japonica	Indica		Os01g0374600	OsR498G0204782000.01.T01	Laccase
maker-2-augustus-gene-338.62-mRNA-1	Japonica	NA		Os02g0750500	OsR498G0204783600.01.T01	tRNA (Carboxymethyluridine(34)-5-O)-methyltransferase isoform X1
maker-2-augustus-gene-338.64-mRNA-1	Japonica	NA				Membrane-anchored ubiquitin-fold protein
maker-2-augustus-gene-339.27-mRNA-1	Japonica	NA		Os02g0751300	OsR498G0204786700.01.T01	FLZ-type domain-containing protein (Fragment)
maker-2-augustus-gene-339.29-mRNA-1	Japonica	NA		Os02g0751600	OsR498G0204787500.01.T01	Peptidylprolyl isomerase
maker-2-augustus-gene-34.48-mRNA-1	Japonica	Indica		Os06g0681300	OsR498G0203020500.01.T01	CRIB domain-containing protein RIC1
maker-2-augustus-gene-34.50-mRNA-1	Japonica	NA		Os02g0162200	OsR498G0203020900.01.T01	Phytoecyanin domain-containing protein
maker-2-augustus-gene-34.52-mRNA-1	Japonica	Japonica		Os02g0162400	OsR498G0203021300.01.T01	Phytoecyanin domain-containing protein
maker-2-augustus-gene-34.56-mRNA-1	Japonica	Indica		Os02g0161800	OsR498G0203019200.01.T02	Peroxidase
maker-2-augustus-gene-34.59-mRNA-1	Japonica	NA			OsR498G0203019800.01.T01	N utilization substance B
maker-2-augustus-gene-34.63-mRNA-1	Japonica	NA				Ribosomal protein S14
maker-2-augustus-gene-34.66-mRNA-1	Japonica	NA				BEACH domain-containing protein lvsC
maker-2-augustus-gene-344.16-mRNA-1	Japonica	NA	Kinase-TM	Os06g0654500	OsR498G0613085100.01.T01	Concanavalin A-like lectin/glucanase domain, Serine/threonine-protein kinase
maker-2-augustus-gene-344.5-mRNA-1	Japonica	Indica		Os02g0178100	OsR498G0613085400.01.T01	COLE
maker-2-augustus-gene-346.8-mRNA-1	Japonica	NA		Os06g0650800	OsR498G0613073200.01.T01	Magnesium transporter
maker-2-augustus-gene-35.30-mRNA-1	Japonica	NA		Os02g0164000		
maker-2-augustus-gene-35.8-mRNA-1	Japonica	NA			OsR498G0203027300.01.T01	Ubiquitinyl hydrolase 1
maker-2-augustus-gene-351.42-mRNA-1	Japonica	NA		Os11g0635500	OsR498G0613042200.01.T01	Premnaspirodien oxygenase
maker-2-augustus-gene-351.44-mRNA-1	Japonica	NA		Os11g0635500	OsR498G0613042000.01.T01	Cytochrome P450 family protein, expressed
maker-2-augustus-gene-355.12-mRNA-1	Japonica	NA		Os02g0757900	OsR498G0204807600.01.T02	Polyadenylate-binding protein 3

maker-2-augustus-gene-355.3-mRNA-1	Japonica	NA		Os02g0758000	OsR498G0204807700.01.T01	Small heat shock protein HSP
maker-2-augustus-gene-355.5-mRNA-1	Japonica	NA		Os02g0758100	OsR498G0204807900.01.T04	LMBR1 domain-containing protein A
maker-2-augustus-gene-356.41-mRNA-1	Japonica	NA		Os02g0759700	OsR498G0204813300.01.T02	F-box protein FBX14
maker-2-augustus-gene-356.44-mRNA-1	Japonica	NA		Os02g0759900	OsR498G0204814300.01.T01	CAAD domain-containing protein
maker-2-augustus-gene-356.47-mRNA-1	Japonica	NA		Os02g0760200	OsR498G0204815300.01.T05	Rhomboid-like protease 5
maker-2-augustus-gene-356.52-mRNA-1	Japonica	NA		Os02g0761000	OsR498G0204817100.01.T01	MADS-box transcription factor 30
maker-2-augustus-gene-356.56-mRNA-1	Japonica	NA		Os02g0758800	OsR498G0204809800.01.T01	Phytocyanin domain-containing protein
maker-2-augustus-gene-356.58-mRNA-1	Japonica	Indica		Os09g0468700	OsR498G0204811000.01.T02	Transcription factor bHLH96 isoform A
maker-2-augustus-gene-356.62-mRNA-1	Japonica	NA			OsR498G0204814600.01.T03	Glucose-6-phosphate isomerase isoform 1
maker-2-augustus-gene-356.67-mRNA-1	Japonica	NA		Os02g0760300	OsR498G0204815600.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-2-augustus-gene-356.70-mRNA-1	Japonica	NA			OsR498G0204815800.01.T03	Stress response protein nhaX (Fragment)
maker-2-augustus-gene-357.37-mRNA-1	Japonica	NA		Os02g0761100	OsR498G0204817700.01.T01	Peptidylprolyl isomerase
maker-2-augustus-gene-357.41-mRNA-1	Japonica	NA			OsR498G0204818700.01.T01	S-ribosylhomocysteinase (LuxS)
maker-2-augustus-gene-357.48-mRNA-1	Japonica	NA		Os02g0762400	OsR498G0204821100.01.T01	Cyclin-dependent kinase inhibitor
maker-2-augustus-gene-357.50-mRNA-1	Japonica	NA		Os02g0761200	OsR498G0204818000.01.T02	Armadillo repeat-containing protein 6
maker-2-augustus-gene-357.53-mRNA-1	Japonica	NA		Os02g0761600	OsR498G0204819000.01.T01	Dimethylallyl, adenosine tRNA methylthiotransferase
maker-2-augustus-gene-357.58-mRNA-1	Japonica	NA			OsR498G0204819200.01.T06	Methionine aminopeptidase
maker-2-augustus-gene-357.65-mRNA-1	Japonica	NA		Os02g0762200	OsR498G0204820000.01.T01	TIMELESS-interacting protein isoform X1
maker-2-augustus-gene-357.67-mRNA-1	Japonica	NA		Os02g0762300	OsR498G0204820200.01.T04	Cytoplasmic tRNA 2-thiolation protein 1
maker-2-augustus-gene-357.72-mRNA-1	Japonica	NA		Os02g0762600	OsR498G0204822200.01.T01	
maker-2-augustus-gene-357.73-mRNA-1	Japonica	NA		Os02g0762800	OsR498G0204822400.01.T03	Protein CHROMATIN REMODELING like
maker-2-augustus-gene-358.0-mRNA-1	Japonica	NA		Os02g0763000	OsR498G0204823100.01.T02	Cell number regulator 1
maker-2-augustus-gene-358.11-mRNA-1	Japonica	NA		Os02g0765600	OsR498G0204827200.01.T01	1,4-alpha-D-glucan glucanohydrolase
maker-2-augustus-gene-358.13-mRNA-1	Japonica	NA		Os02g0764500	OsR498G0204826000.01.T02	Chlorophyll a-b binding protein, chloroplastic
maker-2-augustus-gene-358.18-mRNA-1	Japonica	NA		Os02g0765600	OsR498G0204827200.01.T01	Alpha-amylase type B isozyme
maker-2-augustus-gene-358.2-mRNA-1	Japonica	NA		Os02g0763200	OsR498G0204823700.01.T01	Fucosyltransferase
maker-2-augustus-gene-358.4-mRNA-1	Japonica	NA		Os02g0763900	OsR498G0204824700.01.T02	Fucosyltransferase
maker-2-augustus-gene-358.7-mRNA-1	Japonica	NA		Os02g0764200	OsR498G0204825300.01.T01	Fucosyltransferase
maker-2-augustus-gene-358.9-mRNA-1	Japonica	Japonica		Os02g0764400	OsR498G0204825700.01.T01	Fucosyltransferase
maker-2-augustus-gene-359.18-mRNA-1	Japonica	NA		Os02g0766700	OsR498G0204829400.01.T01	ABA responsive element binding factor 1
maker-2-augustus-gene-359.2-mRNA-1	Japonica	Indica		Os02g0767100	OsR498G0204831100.01.T02	THO complex subunit 5 B
maker-2-augustus-gene-359.22-mRNA-1	Japonica	NA		Os02g0766900	OsR498G0204830000.01.T01	Mannan endo-1,4-beta-mannosidase
maker-2-augustus-gene-359.24-mRNA-1	Japonica	Indica		Os02g0767000	OsR498G0204830200.01.T03	
maker-2-augustus-gene-359.27-mRNA-1	Japonica	NA		Os02g0767200	OsR498G0204831400.01.T01	Triacylglycerol lipase-like 1
maker-2-augustus-gene-359.29-mRNA-1	Japonica	NA		Os02g0767300	OsR498G0204832000.01.T01	Flavonol synthase/flavanone 3-hydroxylase
maker-2-augustus-gene-359.32-mRNA-1	Japonica	NA		Os02g0767500	OsR498G0204832600.01.T01	Mitochondrial phosphate transporter
maker-2-augustus-gene-359.6-mRNA-1	Japonica	Indica		Os02g0765800	OsR498G0204827400.01.T01	non-specific lipid-transfer protein-like 1
maker-2-augustus-gene-359.7-mRNA-1	Japonica	NA		Os01g0357100	OsR498G0204827600.01.T01	Ferredoxin--nitrite reductase chloroplastic
maker-2-augustus-gene-360.0-mRNA-1	Japonica	Indica		Os02g0768600	OsR498G0204835900.01.T01	Inorganic diphosphatase
maker-2-augustus-gene-360.12-mRNA-1	Japonica	NA		Os02g0768200	OsR498G0204835200.01.T01	Transmembrane emp24 domain-containing protein 10
maker-2-augustus-gene-360.14-mRNA-1	Japonica	NA		Os02g0768300	OsR498G0204835400.01.T01	
maker-2-augustus-gene-360.16-mRNA-1	Japonica	Indica		Os02g0769200	OsR498G0204839600.01.T03	Erwinia induced protein 1
maker-2-augustus-gene-360.3-mRNA-1	Japonica	NA			OsR498G0204836900.01.T01	Putative PHD-finger domain containing protein family
maker-2-augustus-gene-360.9-mRNA-1	Japonica	Japonica		Os02g0768000	OsR498G0204835000.01.T01	
maker-2-augustus-gene-361.35-mRNA-1	Japonica	NA	Kinase-TM	Os02g0769700	OsR498G0204841300.01.T04	Mitogen-activated protein kinase kinase kinase 1
maker-2-augustus-gene-361.36-mRNA-1	Japonica	NA			OsR498G0204841300.01.T01	Mitogen-activated protein kinase kinase kinase
maker-2-augustus-gene-361.43-mRNA-1	Japonica	NA	Kinase		OsR498G0204841500.01.T02	Mitogen-activated protein kinase kinase kinase
maker-2-augustus-gene-361.49-mRNA-1	Japonica	NA		Os02g0770000	OsR498G0204842000.01.T01	Proteasome endopeptidase complex
maker-2-augustus-gene-361.55-mRNA-1	Japonica	NA		Os02g0770100	OsR498G0204842400.01.T03	
maker-2-augustus-gene-361.58-mRNA-1	Japonica	NA				Separase
maker-2-augustus-gene-361.63-mRNA-1	Japonica	NA		Os02g0770800	OsR498G0204845000.01.T01	Nitrate reductase
maker-2-augustus-gene-361.65-mRNA-1	Japonica	NA		Os02g0771100	OsR498G0204846000.01.T01	Copl
maker-2-augustus-gene-361.71-mRNA-1	Japonica	NA		Os02g0771400	OsR498G0204846400.01.T02	probable tyrosine-protein phosphatase DSP4
maker-2-augustus-gene-362.0-mRNA-1	Japonica	NA		Os02g0771600	OsR498G0204848700.01.T01	1-aminocyclopropane-1-carboxylate oxidase
maker-2-augustus-gene-362.13-mRNA-1	Japonica	NA		Os02g0772500	OsR498G0204850900.01.T01	siRNA-mediated silencing protein NRDE-2
maker-2-augustus-gene-362.18-mRNA-1	Japonica	NA		Os02g0771700	OsR498G0204849000.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-2-augustus-gene-362.22-mRNA-1	Japonica	NA			OsR498G0204849400.01.T01	(Rice Genome Annotation Project) expressed protein
maker-2-augustus-gene-362.27-mRNA-1	Japonica	NA		Os02g0772600	OsR498G0204851200.01.T01	
maker-2-augustus-gene-362.4-mRNA-1	Japonica	NA			OsR498G0611830400.01.T01	Transcription elongation factor SPT5
maker-2-augustus-gene-362.9-mRNA-1	Japonica	Indica		Os02g0772300	OsR498G0204850500.01.T05	N-alpha-acetyltransferase 40
maker-2-augustus-gene-363.0-mRNA-1	Japonica	NA		Os02g0773200	OsR498G0204853500.01.T02	Usp domain-containing protein

maker-2-augustus-gene-363.11-mRNA-1	Japonica	NA		Os02g0774700	OsR498G0204856700.01.T02	CobW C-terminal domain-containing protein
maker-2-augustus-gene-363.14-mRNA-1	Japonica	Indica		Os02g0775100	OsR498G0204857500.01.T01	Metal tolerance protein 3
maker-2-augustus-gene-363.19-mRNA-1	Japonica	NA		Os02g0773300	OsR498G0204853800.01.T02	Bifunctional D-cysteine desulfhydrase/1-aminocyclopropane-1-carboxylate
maker-2-augustus-gene-363.28-mRNA-1	Japonica	Indica		Os06g0207500	OsR498G0204854800.01.T01	Protein trichome birefringence like
maker-2-augustus-gene-363.3-mRNA-1	Japonica	NA		Os02g0773400	OsR498G0204853900.01.T01	Cyclic nucleotide-gated ion channel
maker-2-augustus-gene-363.30-mRNA-1	Japonica	NA		Os02g0774300	OsR498G0204856200.01.T01	Mitochondrial HSO70 2
maker-2-augustus-gene-363.35-mRNA-1	Japonica	NA		Os02g0774500	OsR498G0204856400.01.T01	3-methyladenine DNA glycosidase
maker-2-augustus-gene-363.38-mRNA-1	Japonica	NA			OsR498G0204856600.01.T01	3-methyladenine DNA glycosidase
maker-2-augustus-gene-363.40-mRNA-1	Japonica	Indica		Os02g0774800	OsR498G0204857000.01.T01	
maker-2-augustus-gene-363.43-mRNA-1	Japonica	NA		Os02g0775200	OsR498G0204857800.01.T04	Replication factor C subunit
maker-2-augustus-gene-363.47-mRNA-1	Japonica	NA			OsR498G0204858400.01.T02	Kinesin-like protein KIN-7D, chloroplastic
maker-2-augustus-gene-363.8-mRNA-1	Japonica	NA		Os02g0774100	OsR498G0204855900.01.T01	Thioredoxin-like 3-1 chloroplastic
maker-2-augustus-gene-364.0-mRNA-1	Japonica	NA				Telomere repeat-binding protein 6
maker-2-augustus-gene-364.11-mRNA-1	Japonica	NA		Os02g0776600		
maker-2-augustus-gene-364.12-mRNA-1	Japonica	NA		Os02g0776800	OsR498G0204866800.01.T01	Replication protein A subunit
maker-2-augustus-gene-364.14-mRNA-1	Japonica	NA		Os02g0776900	OsR498G0204867400.01.T01	Growth-regulating factor
maker-2-augustus-gene-364.3-mRNA-1	Japonica	NA		Os02g0775900	OsR498G0204862800.01.T01	
maker-2-augustus-gene-364.5-mRNA-1	Japonica	NA			OsR498G0204863400.01.T01	
maker-2-augustus-gene-365.0-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os06g0203800	OsR498G0204869500.01.T02	LRR receptor-like serine/threonine-protein kinase ERECTA
maker-2-augustus-gene-365.13-mRNA-1	Japonica	NA		Os02g0777100	OsR498G0204868200.01.T08	UDENN domain-containing protein
maker-2-augustus-gene-365.16-mRNA-1	Japonica	Indica	Kinase-TM	Os06g0202900	OsR498G0204870400.01.T01	Mitogen-activated protein kinase kinase kinase
maker-2-augustus-gene-365.18-mRNA-1	Japonica	NA				
maker-2-augustus-gene-365.6-mRNA-1	Japonica	NA			OsR498G0204870100.01.T02	Opaque endosperm1
maker-2-augustus-gene-366.33-mRNA-1	Japonica	NA		Os02g0778200	OsR498G0204872300.01.T05	Isoleucyl-tRNA synthetase
maker-2-augustus-gene-366.37-mRNA-1	Japonica	NA		Os02g0778300	OsR498G0204872500.01.T02	Putative FRIGIDA interacting protein 1
maker-2-augustus-gene-366.41-mRNA-1	Japonica	NA		Os02g0778400	OsR498G0204872500.01.T06	Adenylate kinase
maker-2-augustus-gene-366.45-mRNA-1	Japonica	NA		Os02g0778500	OsR498G0204873100.01.T01	Chalcone--flavonone isomerase
maker-2-augustus-gene-366.48-mRNA-1	Japonica	NA		Os02g0778600	OsR498G0204873300.01.T01	Endoglucanase
maker-2-augustus-gene-366.50-mRNA-1	Japonica	NA			OsR498G0204873700.01.T01	Myotubularin-related 2
maker-2-augustus-gene-366.52-mRNA-1	Japonica	NA		Os02g0779000	OsR498G0204874500.01.T01	Cucumisin isoform B
maker-2-augustus-gene-367.0-mRNA-1	Japonica	NA				ARM repeat superfamily protein
maker-2-augustus-gene-367.1-mRNA-1	Japonica	NA		Os02g0780500	OsR498G0204878300.01.T01	ARM repeat superfamily protein
maker-2-augustus-gene-367.13-mRNA-1	Japonica	Indica		Os06g0199200	OsR498G0204879100.01.T06	Smr domain-containing protein (Fragment)
maker-2-augustus-gene-367.17-mRNA-1	Japonica	NA				mRNA (guanine-N(7)-)-methyltransferase
maker-2-augustus-gene-367.21-mRNA-1	Japonica	NA		Os02g0780700	OsR498G0204880100.01.T05	Putative lipase/calmodulin-binding heat-shock protein
maker-2-augustus-gene-367.26-mRNA-1	Japonica	Indica		Os02g0781000	OsR498G0204882100.01.T02	Polygalacturonase
maker-2-augustus-gene-367.53-mRNA-1	Japonica	NA		Os02g0781400	OsR498G0204884600.01.T02	Chaperonin, chloroplastic
maker-2-augustus-gene-367.55-mRNA-1	Japonica	NA		Os02g0781700	OsR498G0204885000.01.T02	MADS box interactor-like
maker-2-augustus-gene-367.60-mRNA-1	Japonica	Indica		Os05g0482600	OsR498G0204885400.01.T01	
maker-2-augustus-gene-368.22-mRNA-1	Japonica	Japonica		Os02g0781900	OsR498G0204886300.01.T01	
maker-2-augustus-gene-368.26-mRNA-1	Japonica	Indica		Os02g0782100	OsR498G0204887100.01.T01	NUC173 domain-containing protein
maker-2-augustus-gene-368.33-mRNA-1	Japonica	NA		Os02g0782500	OsR498G0204889900.01.T01	18. class III heat shock protein (Fragment)
maker-2-augustus-gene-368.35-mRNA-1	Japonica	Indica		Os06g0195600	OsR498G0204890700.01.T06	SAC domain-containing protein
maker-2-augustus-gene-368.42-mRNA-1	Japonica	NA			OsR498G0204891500.01.T01	Putative acetyltransferase A, auxiliary subunit, leucine-rich repeat domain, L
maker-2-augustus-gene-368.50-mRNA-1	Japonica	Indica		Os02g0782900	OsR498G0204892100.01.T01	
maker-2-augustus-gene-368.52-mRNA-1	Japonica	NA		Os02g0782200	OsR498G0204889400.01.T04	NOT2/NOT3/NOT5 family protein, expressed
maker-2-augustus-gene-368.59-mRNA-1	Japonica	NA			OsR498G0204889600.01.T01	J domain-containing protein (Fragment)
maker-2-augustus-gene-368.64-mRNA-1	Japonica	NA		Os02g0782700	OsR498G0204891000.01.T02	Ethylene-responsive transcription factor
maker-2-augustus-gene-368.66-mRNA-1	Japonica	NA		Os02g0783000	OsR498G0204892400.01.T01	Pectinesterase
maker-2-augustus-gene-369.38-mRNA-1	Japonica	NA			OsR498G0204896300.01.T01	
maker-2-augustus-gene-369.42-mRNA-1	Japonica	NA				Lysine-ketoglutarate reductase/saccharopine dehydrogenase1
maker-2-augustus-gene-369.50-mRNA-1	Japonica	NA			OsR498G0204891500.01.T01	Protein TONSOKU like
maker-2-augustus-gene-369.58-mRNA-1	Japonica	Indica		Os06g0192600	OsR498G0204898000.01.T01	26S protease regulatory subunit 7 homolog A
maker-2-augustus-gene-369.64-mRNA-1	Japonica	NA			OsR498G0204898200.01.T01	
maker-2-augustus-gene-370.21-mRNA-1	Japonica	Indica	Kinase-TM	Os02g0786200	OsR498G0204902300.01.T02	Serine/threonine-protein kinase STY8 (Fragment)
maker-2-augustus-gene-370.25-mRNA-1	Japonica	Japonica		Os02g0786300	OsR498G0204903100.01.T01	Transcription factor like
maker-2-augustus-gene-370.27-mRNA-1	Japonica	NA				F-box domain-containing protein
maker-2-augustus-gene-370.29-mRNA-1	Japonica	Japonica		Os02g0787100	OsR498G0204905700.01.T03	DUF676 domain-containing protein
maker-2-augustus-gene-370.35-mRNA-1	Japonica	NA				Transposon protein, putative, Pong sub-class, expressed
maker-2-augustus-gene-370.4-mRNA-1	Japonica	Japonica		Os02g0785900	OsR498G0204901100.01.T03	Anaphase-promoting complex subunit 4
maker-2-augustus-gene-370.9-mRNA-1	Japonica	NA			OsR498G0204901500.01.T07	Quinoprotein amine dehydrogenase isoform 1

maker-2-augustus-gene-371.0-mRNA-1	Japonica	NA	CC-Kinase-TM	Os02g0787200	OsR498G0204905900.01.T01	Serine threonine kinase
maker-2-augustus-gene-371.10-mRNA-1	Japonica	NA		Os02g0788400	OsR498G0204910500.01.T01	Eukaryotic translation initiation factor 3 subunit G
maker-2-augustus-gene-371.12-mRNA-1	Japonica	NA		Os02g0787800	OsR498G0204909000.01.T06	Diacylglycerol kinase
maker-2-augustus-gene-371.16-mRNA-1	Japonica	NA			OsR498G0204910200.01.T01	Desumoylating isopeptidase 1
maker-2-augustus-gene-371.18-mRNA-1	Japonica	NA		Os02g0788500	OsR498G0204911000.01.T01	F-box protein SKIP8
maker-2-augustus-gene-371.2-mRNA-1	Japonica	Indica		Os02g0787500	OsR498G0204907700.01.T03	E3 ubiquitin-protein ligase
maker-2-augustus-gene-371.20-mRNA-1	Japonica	NA		Os02g0788600	OsR498G0204911800.01.T02	Chaperone protein ClpB-like
maker-2-augustus-gene-371.23-mRNA-1	Japonica	NA		Os02g0788800	OsR498G0204912400.01.T06	Amino acid transporter, transmembrane
maker-2-augustus-gene-371.5-mRNA-1	Japonica	NA		Os02g0787600	OsR498G0204908700.01.T01	Ionotropic glutamate receptor
maker-2-augustus-gene-371.8-mRNA-1	Japonica	Japonica		Os02g0788300	OsR498G0204910500.01.T01	Eukaryotic translation initiation factor 3 subunit G
maker-2-augustus-gene-372.46-mRNA-1	Japonica	NA		Os02g0789600	OsR498G0204913700.01.T01	Vacuolar import and degradation protein VID27
maker-2-augustus-gene-372.50-mRNA-1	Japonica	Japonica		Os02g0789700	OsR498G0917982000.01.T01	WW domain-containing protein
maker-2-augustus-gene-372.51-mRNA-1	Japonica	Indica		Os02g0790500	OsR498G0204915700.01.T01	Alpha,alpha-trehalose-phosphate synthase 9
maker-2-augustus-gene-372.58-mRNA-1	Japonica	NA		Os02g0791300	OsR498G0204917900.01.T02	Transcription factor IBH1-like
maker-2-augustus-gene-372.59-mRNA-1	Japonica	NA		Os02g0789100	OsR498G0204913200.01.T03	Cyclic nucleotide-binding domain-containing protein (Fragment)
maker-2-augustus-gene-372.63-mRNA-1	Japonica	NA		Os02g0789400	OsR498G0204913400.01.T03	Serine/arginine-rich splicing factor 7
maker-2-augustus-gene-372.66-mRNA-1	Japonica	Indica		Os02g0791400	OsR498G0204918400.01.T02	Cytochrome c oxidase subunit
maker-2-augustus-gene-373.1-mRNA-1	Japonica	Indica	CC-Kinase-TM	Os02g0791700	OsR498G0204919500.01.T02	Serine/threonine-protein kinase BLUS1
maker-2-augustus-gene-373.11-mRNA-1	Japonica	NA		Os02g0793300	OsR498G0204924300.01.T05	Nudix hydrolase 3
maker-2-augustus-gene-373.17-mRNA-1	Japonica	NA		Os02g0791800	OsR498G0204919800.01.T01	Autophagy-related protein 18b
maker-2-augustus-gene-373.22-mRNA-1	Japonica	NA		Os02g0792900	OsR498G0204923600.01.T01	Serine incorporator 3
maker-2-augustus-gene-373.25-mRNA-1	Japonica	NA		Os02g0793000	OsR498G0204923800.01.T01	Zinc finger CCH domain-containing protein 18
maker-2-augustus-gene-373.28-mRNA-1	Japonica	Japonica		Os02g0793500	OsR498G0204925200.01.T02	Methyltransferase-like protein 16
maker-2-augustus-gene-373.7-mRNA-1	Japonica	NA		Os02g0793100	OsR498G0204924100.01.T01	Protein TPLATE like
maker-2-augustus-gene-374.36-mRNA-1	Japonica	NA		Os02g0793800		Homeobox protein cut-like
maker-2-augustus-gene-374.39-mRNA-1	Japonica	NA			OsR498G0204926700.01.T02	AUGMIN subunit 8
maker-2-augustus-gene-374.44-mRNA-1	Japonica	NA		Os02g0794500	OsR498G0204928300.01.T01	Carboxypeptidase
maker-2-augustus-gene-374.49-mRNA-1	Japonica	Japonica		Os02g0795000	OsR498G0204929900.01.T02	Ubiquitin carboxyl-terminal hydrolase
maker-2-augustus-gene-374.57-mRNA-1	Japonica	NA		Os02g0795200	OsR498G0204930100.01.T01	Protein POLAR LOCALIZATION DURING ASYMMETRIC DIVISION AND REDISTR
maker-2-augustus-gene-374.59-mRNA-1	Japonica	NA		Os02g0793900	OsR498G0204926200.01.T01	Protein HEADING DATE REPRESSOR like
maker-2-augustus-gene-374.61-mRNA-1	Japonica	NA		Os02g0794000	OsR498G0204926400.01.T01	Putative RING zinc finger domain superfamily protein isoform 1
maker-2-augustus-gene-374.63-mRNA-1	Japonica	Indica		Os02g0794400	OsR498G0204927000.01.T02	Translation initiation factor IF-3, chloroplastic
maker-2-augustus-gene-374.67-mRNA-1	Japonica	Indica		Os02g0794700	OsR498G0204929000.01.T01	Leucine aminopeptidase 2 chloroplastic
maker-2-augustus-gene-374.75-mRNA-1	Japonica	Indica		Os02g0794900	OsR498G0204929400.01.T01	Formin-like protein 7
maker-2-augustus-gene-374.89-mRNA-1	Japonica	NA		Os02g0795300	OsR498G0204930600.01.T01	E3 ubiquitin-protein ligase CHFR
maker-2-augustus-gene-374.94-mRNA-1	Japonica	NA		Os02g0795600		Neprosin domain-containing protein
maker-2-augustus-gene-375.33-mRNA-1	Japonica	NA			OsR498G0204932100.01.T02	Transcription factor bHLH69
maker-2-augustus-gene-375.35-mRNA-1	Japonica	NA		Os02g0795900	OsR498G0204932400.01.T04	DEAD-box ATP-dependent RNA helicase
maker-2-augustus-gene-375.39-mRNA-1	Japonica	Japonica		Os02g0796400	OsR498G0204934400.01.T01	Pentatricopeptide repeat-containing protein
maker-2-augustus-gene-375.41-mRNA-1	Japonica	NA		Os02g0796500	OsR498G0204934600.01.T03	Two-component response regulator
maker-2-augustus-gene-375.45-mRNA-1	Japonica	NA		Os02g0796600	OsR498G0204936000.01.T01	Protein kinase family protein / WD-40 repeat family protein
maker-2-augustus-gene-375.49-mRNA-1	Japonica	NA			OsR498G0204936400.01.T02	Putative serine/threonine-protein kinase CCRP1
maker-2-augustus-gene-375.54-mRNA-1	Japonica	NA			OsR498G0204936800.01.T01	
maker-2-augustus-gene-375.56-mRNA-1	Japonica	NA		Os02g0797100	OsR498G0204937800.01.T01	Ethylene-responsive transcription factor ERF003
maker-2-augustus-gene-376.34-mRNA-1	Japonica	NA		Os02g0797500	OsR498G0204939300.01.T01	Aspartate aminotransferase
maker-2-augustus-gene-376.38-mRNA-1	Japonica	NA				
maker-2-augustus-gene-376.42-mRNA-1	Japonica	NA		Os02g0798200	OsR498G0204940900.01.T06	RING-H2 finger protein ATL80
maker-2-augustus-gene-376.44-mRNA-1	Japonica	NA		Os02g0798700	OsR498G0204943700.01.T03	Neurochondrin
maker-2-augustus-gene-376.48-mRNA-1	Japonica	NA		Os02g0797400	OsR498G0204939200.01.T04	DNA helicase
maker-2-augustus-gene-376.53-mRNA-1	Japonica	Indica		Os02g0798600	OsR498G0204943000.01.T01	RING/U-box superfamily protein isoform 1
maker-2-augustus-gene-377.11-mRNA-1	Japonica	NA			OsR498G0204945000.01.T06	Shugoshin-1
maker-2-augustus-gene-377.15-mRNA-1	Japonica	NA		Os02g0800100	OsR498G0204949200.01.T01	Proteasome maturation factor UMP
maker-2-augustus-gene-377.4-mRNA-1	Japonica	NA		Os02g0799300		Plasma membrane fusion protein
maker-2-augustus-gene-377.6-mRNA-1	Japonica	NA			OsR498G0204948900.01.T01	Plastid transcriptionally active 17
maker-2-augustus-gene-378.41-mRNA-1	Japonica	NA		Os02g0802200	OsR498G0204958300.01.T03	Heparanase-like protein 3
maker-2-augustus-gene-378.44-mRNA-1	Japonica	Indica		Os02g0802700	OsR498G0204960500.01.T01	Monogalactosyldiacylglycerol synthase
maker-2-augustus-gene-378.50-mRNA-1	Japonica	NA		Os02g0803200	OsR498G0204961500.01.T01	Cell wall protein RBR3 isoform X1
maker-2-augustus-gene-378.53-mRNA-1	Japonica	NA			OsR498G0204961700.01.T01	N-alpha-acetyltransferase 35, NatC auxiliary subunit like
maker-2-augustus-gene-378.60-mRNA-1	Japonica	NA		Os02g0803300	OsR498G0204962300.01.T01	ENTH domain-containing protein (Fragment)
maker-2-augustus-gene-378.66-mRNA-1	Japonica	Indica		Os02g0803600	OsR498G0204962700.01.T02	Vesicle-associated membrane protein 713
maker-2-augustus-gene-378.68-mRNA-1	Japonica	Indica		Os08g0442300	OsR498G0204959200.01.T02	Calcineurin subunit B like

maker-2-augustus-gene-378.73-mRNA-1	Japonica	NA		Os02g0802500	OsR498G0204959400.01.T01	H(+)-exporting diphosphatase
maker-2-augustus-gene-378.75-mRNA-1	Japonica	Indica		Os02g0803400	OsR498G0204962600.01.T02	Vacuolar protein sorting
maker-2-augustus-gene-378.77-mRNA-1	Japonica	NA		Os02g0803700	OsR498G0204963000.01.T01	26S proteasome regulatory particle triple-A ATPase protein
maker-2-augustus-gene-379.40-mRNA-1	Japonica	NA		Os02g0804300	OsR498G0204964700.01.T03	18S rRNA (Guanine-N(7))-methyltransferase
maker-2-augustus-gene-379.44-mRNA-1	Japonica	NA		Os02g0804400	OsR498G0204964900.01.T01	Homoserine O-acetyltransferase
maker-2-augustus-gene-379.46-mRNA-1	Japonica	Indica		Os06g0168600	OsR498G0204965900.01.T02	Ribonucleoside-diphosphate reductase
maker-2-augustus-gene-379.48-mRNA-1	Japonica	NA		Os02g0805100	OsR498G0204967300.01.T03	Auxin-responsive protein
maker-2-augustus-gene-379.51-mRNA-1	Japonica	NA		Os02g0805200	OsR498G0204967700.01.T01	Proliferating cell nuclear antigen
maker-2-augustus-gene-379.57-mRNA-1	Japonica	NA		Os02g0804500	OsR498G0204965200.01.T01	DnaJ-like 1, mitochondrial
maker-2-augustus-gene-379.63-mRNA-1	Japonica	NA			OsR498G0204965600.01.T02	Adenylyltransferase and sulfurtransferase MOCS3 1 Molybdopterin-synthase
maker-2-augustus-gene-379.68-mRNA-1	Japonica	Indica		Os02g0805000	OsR498G0204966400.01.T04	AP-1 complex subunit gamma
maker-2-augustus-gene-379.76-mRNA-1	Japonica	NA			OsR498G0204968000.01.T04	Transcription factor SPATULA
maker-2-augustus-gene-379.81-mRNA-1	Japonica	NA		Os02g0805700	OsR498G0204969200.01.T01	Intermediate filament protein ifc-1
maker-2-augustus-gene-379.84-mRNA-1	Japonica	Japonica		Os02g0805800	OsR498G0204969400.01.T03	Protein kinase domain-containing protein (Fragment)
maker-2-augustus-gene-380.14-mRNA-1	Japonica	NA			OsR498G0204972300.01.T03	GATA transcription factor
maker-2-augustus-gene-380.16-mRNA-1	Japonica	NA		Os02g0806900	OsR498G0204976100.01.T01	Long chain base biosynthesis protein 1
maker-2-augustus-gene-380.23-mRNA-1	Japonica	NA		Os02g0805900	OsR498G0204969600.01.T01	mRNA-decapping enzyme subunit like
maker-2-augustus-gene-380.29-mRNA-1	Japonica	NA		Os02g0806500	OsR498G0204973200.01.T01	Glycosyltransferase family protein 2
maker-2-augustus-gene-380.35-mRNA-1	Japonica	NA		Os02g0806600	OsR498G0204973800.01.T01	Clathrin interactor EPSIN like
maker-2-augustus-gene-380.38-mRNA-1	Japonica	NA		Os02g0806700	OsR498G0204974200.01.T01	E3 ubiquitin-protein ligase WAV3
maker-2-augustus-gene-380.40-mRNA-1	Japonica	NA	Kinase-TM	Os02g0807000	OsR498G0204976400.01.T01	Calcium-dependent protein kinase, isoform AK1
maker-2-augustus-gene-381.34-mRNA-1	Japonica	Indica		Os02g0807100	OsR498G0204976700.01.T01	glycogen synthase isoform X1
maker-2-augustus-gene-381.38-mRNA-1	Japonica	NA				zf-LSD1 domain-containing protein
maker-2-augustus-gene-381.46-mRNA-1	Japonica	NA	Kinase-TM	Os02g0811200	OsR498G0204979300.01.T01	Wall-associated receptor kinase 3
maker-2-augustus-gene-381.48-mRNA-1	Japonica	NA	Kinase-TM	Os02g0807200		Wall-associated receptor kinase 3
maker-2-augustus-gene-381.49-mRNA-1	Japonica	Indica	Kinase-TM	Os02g0807800	OsR498G0204977600.01.T01	Wall-associated receptor kinase 3
maker-2-augustus-gene-381.50-mRNA-1	Japonica	Indica	Kinase-TM	Os02g0811200	OsR498G0204978800.01.T01	Wall-associated receptor kinase 3
maker-2-augustus-gene-382.26-mRNA-1	Japonica	NA		Os02g0809500	OsR498G0204981900.01.T05	Isocitrate dehydrogenase [NADP], mitochondrial
maker-2-augustus-gene-382.29-mRNA-1	Japonica	NA		Os02g0809800	OsR498G0204983100.01.T01	Phosphate transporter PHO1
maker-2-augustus-gene-382.36-mRNA-1	Japonica	NA			OsR498G0204984700.01.T01	Kinesin-like protein KIN-10A
maker-2-augustus-gene-382.40-mRNA-1	Japonica	NA		Os02g0810300	OsR498G0204985100.01.T02	ABC transporter domain-containing protein (Fragment)
maker-2-augustus-gene-382.45-mRNA-1	Japonica	NA	Kinase	Os02g0810400	OsR498G0204985500.01.T01	Diphthamide synthase
maker-2-augustus-gene-382.50-mRNA-1	Japonica	Indica		Os02g0810450	OsR498G0204985700.01.T05	Diphthamide synthase
maker-2-augustus-gene-382.55-mRNA-1	Japonica	NA		Os02g0810500	OsR498G0204985900.01.T03	Diphthamide synthase
maker-2-augustus-gene-382.60-mRNA-1	Japonica	NA		Os02g0810900	OsR498G0204987500.01.T01	NAC transcription factor
maker-2-augustus-gene-382.62-mRNA-1	Japonica	NA			OsR498G0204983600.01.T01	Transducin/WD40 repeat-like superfamily protein, putative isoform 1
maker-2-augustus-gene-382.65-mRNA-1	Japonica	Indica		Os07g0436000	OsR498G0204983800.01.T01	Ankyrin repeat domain-containing protein 13C-B
maker-2-augustus-gene-383.13-mRNA-1	Japonica	NA			OsR498G0204993700.01.T01	F-box domain, Leucine-rich repeat domain, L domain-like protein
maker-2-augustus-gene-383.15-mRNA-1	Japonica	NA				Trimeric LpxA-like enzyme
maker-2-augustus-gene-383.18-mRNA-1	Japonica	NA		Os02g0812500	OsR498G0204994300.01.T01	F-box domain-containing protein
maker-2-augustus-gene-383.2-mRNA-1	Japonica	Japonica		Os02g0811600	OsR498G0204992300.01.T01	Epimerase domain-containing protein (Fragment)
maker-2-augustus-gene-383.21-mRNA-1	Japonica	NA		Os02g0812600	OsR498G0204994500.01.T01	Phloem-specific lectin
maker-2-augustus-gene-383.22-mRNA-1	Japonica	Japonica		Os02g0812600	OsR498G0204994500.01.T01	Phloem-specific lectin
maker-2-augustus-gene-383.29-mRNA-1	Japonica	Indica		Os02g0811101	OsR498G0204990200.01.T03	SAP-like protein BP-73
maker-2-augustus-gene-383.5-mRNA-1	Japonica	NA		Os02g0811800	OsR498G0204992300.01.T01	Epimerase domain-containing protein (Fragment)
maker-2-augustus-gene-383.6-mRNA-1	Japonica	NA		Os02g0812000	OsR498G0204992500.01.T01	Epimerase domain-containing protein (Fragment)
maker-2-augustus-gene-384.0-mRNA-1	Japonica	NA		Os02g0813133		F-box domain-containing protein
maker-2-augustus-gene-384.1-mRNA-1	Japonica	NA		Os02g0813166		Phloem-specific lectin
maker-2-augustus-gene-384.10-mRNA-1	Japonica	NA		Os06g0595700		DDE Tnp4 domain-containing protein (Fragment)
maker-2-augustus-gene-384.18-mRNA-1	Japonica	NA		Os02g0813300	OsR498G0204995500.01.T01	Phloem-specific lectin
maker-2-augustus-gene-384.21-mRNA-1	Japonica	NA		Os02g0813500	OsR498G0204995900.01.T07	Cytosolic glutathione reductase
maker-2-augustus-gene-384.27-mRNA-1	Japonica	Japonica		Os02g0814300	OsR498G0205000100.01.T03	Cytochrome c domain-containing protein
maker-2-augustus-gene-384.28-mRNA-1	Japonica	Indica		Os02g0814400	OsR498G0205000100.01.T03	Cytochrome c domain-containing protein
maker-2-augustus-gene-384.35-mRNA-1	Japonica	NA		Os02g0814800	OsR498G0205000900.01.T01	GST C-terminal domain-containing protein (Fragment)
maker-2-augustus-gene-384.37-mRNA-1	Japonica	Indica		Os02g0815001	OsR498G02050001300.01.T01	Ribosomal protein L37
maker-2-augustus-gene-384.41-mRNA-1	Japonica	NA		Os02g0813800	OsR498G0204997000.01.T03	Transcriptional coregulator
maker-2-augustus-gene-384.45-mRNA-1	Japonica	NA		Os02g0814000	OsR498G0204998600.01.T03	DUF862 domain-containing protein (Fragment)
maker-2-augustus-gene-384.47-mRNA-1	Japonica	Indica		Os02g0814100	OsR498G0204998800.01.T03	Phospholipid--sterol O-acyltransferase
maker-2-augustus-gene-384.54-mRNA-1	Japonica	NA		Os02g0814200	OsR498G0204999000.01.T01	Aldehyde oxygenase (deformylating)
maker-2-augustus-gene-384.57-mRNA-1	Japonica	NA				HTH myb-type domain-containing protein
maker-2-augustus-gene-384.61-mRNA-1	Japonica	NA		Os02g0814900	OsR498G02050001200.01.T04	Nicotinamide-nucleotide adenylyltransferase

maker-2-augustus-gene-385.0-mRNA-1	Japonica	NA		Os02g0815200	OsR498G0205001700.01.T01	28 kDa ribonucleoprotein chloroplastic
maker-2-augustus-gene-385.15-mRNA-1	Japonica	NA		Os02g0816300	OsR498G0205005900.01.T07	CLIP-associated protein isoform X1
maker-2-augustus-gene-385.2-mRNA-1	Japonica	NA		Os02g0815400	OsR498G0205002100.01.T03	S-(hydroxymethyl)glutathione dehydrogenase
maker-2-augustus-gene-385.23-mRNA-1	Japonica	NA		Os02g0816400	OsR498G0205006100.01.T04	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P-related
maker-2-augustus-gene-385.25-mRNA-1	Japonica	NA				Tubulin-specific chaperone A
maker-2-augustus-gene-385.38-mRNA-1	Japonica	NA	Kinase-TM	Os02g0815900	OsR498G0205003400.01.T01	Receptor-like serine/threonine-protein kinase ALE2 isoform A
maker-2-augustus-gene-385.42-mRNA-1	Japonica	NA		Os02g0816100	OsR498G0205004200.01.T01	Catalytic/ hydrolase/ phosphoglycolate phosphatase
maker-2-augustus-gene-385.45-mRNA-1	Japonica	NA		Os02g0816200	OsR498G0205004600.01.T01	Gdsl esterase lipase
maker-2-augustus-gene-385.47-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0205006800.01.T01	AarF domain-containing kinase
maker-2-augustus-gene-385.54-mRNA-1	Japonica	NA		Os02g0816700	OsR498G0205007000.01.T01	Transmembrane protein, putative
maker-2-augustus-gene-385.6-mRNA-1	Japonica	NA		Os02g0815500	OsR498G0205002300.01.T01	S-(hydroxymethyl)glutathione dehydrogenase
maker-2-augustus-gene-386.0-mRNA-1	Japonica	NA		Os02g0816900	OsR498G0205007700.01.T03	Dilute domain-containing protein
maker-2-augustus-gene-386.10-mRNA-1	Japonica	NA		Os02g0817500	OsR498G0205009300.01.T01	Voltage-gated potassium channel beta subunit
maker-2-augustus-gene-386.13-mRNA-1	Japonica	Indica		Os02g0818000	OsR498G0205010700.01.T05	CBS domain-containing protein CBSX1, chloroplastic
maker-2-augustus-gene-386.18-mRNA-1	Japonica	NA		Os02g0817200	OsR498G0205009000.01.T02	Actin-related protein 2/3 complex subunit
maker-2-augustus-gene-386.23-mRNA-1	Japonica	NA		Os02g0817600	OsR498G0205010000.01.T02	Auxin-responsive protein IAA10
maker-2-augustus-gene-386.32-mRNA-1	Japonica	Indica		Os02g0817800	OsR498G0205010400.01.T03	Initiator binding protein1
maker-2-augustus-gene-386.37-mRNA-1	Japonica	NA		Os02g0817900	OsR498G0205010600.01.T01	protein LUTEIN DEFICIENT 5, chloroplastic
maker-2-augustus-gene-386.9-mRNA-1	Japonica	NA				
maker-2-augustus-gene-387.0-mRNA-1	Japonica	Japonica		Os02g0818900	OsR498G0205012900.01.T01	Flagellar motor switch phosphatase FliY
maker-2-augustus-gene-387.11-mRNA-1	Japonica	NA			OsR498G0205016300.01.T01	Pumilio-like protein 4
maker-2-augustus-gene-387.17-mRNA-1	Japonica	NA			OsR498G0205012400.01.T02	Protein N-lysine methyltransferase
maker-2-augustus-gene-387.2-mRNA-1	Japonica	Japonica		Os02g0819000	OsR498G0205013100.01.T01	HMA domain-containing protein
maker-2-augustus-gene-387.22-mRNA-1	Japonica	Indica		Os02g0819400	OsR498G0205016600.01.T01	P-loop NTPase domain-containing protein LPA1
maker-2-augustus-gene-387.26-mRNA-1	Japonica	Indica		Os02g0819500	OsR498G0205017400.01.T06	OTU domain-containing protein (Fragment)
maker-2-augustus-gene-387.32-mRNA-1	Japonica	NA		Os02g0819700	OsR498G0205019200.01.T01	DNL-type domain-containing protein (Fragment)
maker-2-augustus-gene-387.34-mRNA-1	Japonica	NA		Os02g0820000	OsR498G0205020200.01.T03	Serine/threonine-protein phosphatase
maker-2-augustus-gene-387.4-mRNA-1	Japonica	NA		Os02g0819100	OsR498G0205015900.01.T06	S-acyltransferase
maker-2-augustus-gene-387.9-mRNA-1	Japonica	NA		Os02g0819200	OsR498G0205016100.01.T01	Thioredoxin-like 3-2 chloroplastic
maker-2-augustus-gene-388.0-mRNA-1	Japonica	NA		Os02g0820900	OsR498G0205023300.01.T02	Ethylene receptor
maker-2-augustus-gene-388.11-mRNA-1	Japonica	NA		Os02g0821900	OsR498G0205025300.01.T02	ATG8-interacting protein 1-like isoform X1
maker-2-augustus-gene-388.13-mRNA-1	Japonica	NA		Os02g0822000	OsR498G0205025500.01.T03	Hydroxyproline-rich glycoprotein family protein
maker-2-augustus-gene-388.16-mRNA-1	Japonica	NA		Os02g0822100	OsR498G0205025700.01.T01	Transporter arsB like
maker-2-augustus-gene-388.19-mRNA-1	Japonica	NA		Os02g0822200	OsR498G0205026100.01.T05	Ubiquitin carboxyl-terminal hydrolase
maker-2-augustus-gene-388.2-mRNA-1	Japonica	Indica		Os02g0821500	OsR498G0205024900.01.T01	Protein DETOXIFICATION
maker-2-augustus-gene-388.24-mRNA-1	Japonica	NA			OsR498G0205026300.01.T02	K Homology domain
maker-2-augustus-gene-388.29-mRNA-1	Japonica	NA		Os02g0822400	OsR498G0205026500.01.T01	NAC transcription factor
maker-2-augustus-gene-388.32-mRNA-1	Japonica	NA		Os02g0820300	OsR498G0205020800.01.T02	Kinesin light chain 3
maker-2-augustus-gene-388.35-mRNA-1	Japonica	NA		Os02g0820500	OsR498G0205021200.01.T01	LOB domain-containing protein 16
maker-2-augustus-gene-388.37-mRNA-1	Japonica	NA		Os02g0820600	OsR498G0205021600.01.T01	Nucleolar/coiled-body phosphoprotein
maker-2-augustus-gene-388.4-mRNA-1	Japonica	NA			OsR498G0205025100.01.T01	Mediator of RNA polymerase II transcription subunit 36a
maker-2-augustus-gene-388.41-mRNA-1	Japonica	Indica		Os02g0821200	OsR498G0205023600.01.T01	60S ribosomal protein l28
maker-2-augustus-gene-388.45-mRNA-1	Japonica	NA	Kinase	Os02g0821400	OsR498G0205024600.01.T01	Serine/threonine protein kinase
maker-2-augustus-gene-388.47-mRNA-1	Japonica	NA		Os02g0822500	OsR498G0205026800.01.T03	Phosphatidylinositol 4-phosphate 5-kinase
maker-2-augustus-gene-389.0-mRNA-1	Japonica	NA	CC-Kinase		OsR498G0205028700.01.T03	U-box domain-containing protein 33
maker-2-augustus-gene-389.10-mRNA-1	Japonica	NA		Os02g0823100	OsR498G0205029100.01.T01	Plasma membrane intrinsic protein 1
maker-2-augustus-gene-389.12-mRNA-1	Japonica	Indica		Os04g0166600	OsR498G0205029500.01.T02	Histone deacetylase complex subunit SAP30/SAP30-like
maker-2-augustus-gene-389.17-mRNA-1	Japonica	NA		Os02g0823300	OsR498G0205030100.01.T02	RING/U-box superfamily protein
maker-2-augustus-gene-389.20-mRNA-1	Japonica	NA		Os02g0823400	OsR498G0205030500.01.T01	Caffeic acid O-methyltransferase
maker-2-augustus-gene-389.23-mRNA-1	Japonica	Japonica		Os02g0823800	OsR498G0205031500.01.T03	
maker-2-augustus-gene-389.25-mRNA-1	Japonica	NA		Os02g0822600	OsR498G0205027800.01.T01	50S ribosomal protein L9, chloroplastic
maker-2-augustus-gene-389.28-mRNA-1	Japonica	NA		Os02g0822800	OsR498G0205028600.01.T02	Acyl-CoA-binding domain-containing protein 4
maker-2-augustus-gene-389.33-mRNA-1	Japonica	NA		Os02g0823600		Translation initiation factor IF-2 like (Fragment)
maker-2-augustus-gene-389.35-mRNA-1	Japonica	Indica		Os10g0545500	OsR498G0205031400.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-2-augustus-gene-389.37-mRNA-1	Japonica	Japonica		Os02g0824000	OsR498G0205032200.01.T06	Pentatricopeptide repeat-containing protein mitochondrial-like
maker-2-augustus-gene-389.4-mRNA-1	Japonica	NA		Os02g0823000	OsR498G0205028900.01.T06	PA domain-containing protein
maker-2-augustus-gene-389.40-mRNA-1	Japonica	NA		Os02g0824300	OsR498G0205033400.01.T01	AT-hook motif nuclear-localized protein (Fragment)
maker-2-augustus-gene-39.34-mRNA-1	Japonica	NA		Os02g0170100	OsR498G0203054900.01.T01	Glycine cleavage system H protein (Fragment)
maker-2-augustus-gene-39.37-mRNA-1	Japonica	NA		Os02g0171100	OsR498G0203057100.01.T01	Glyceraldehyde-3-phosphate dehydrogenase
maker-2-augustus-gene-39.43-mRNA-1	Japonica	NA		Os02g0170200	OsR498G0203055200.01.T01	Style cell-cycle inhibitor 1-A
maker-2-augustus-gene-39.46-mRNA-1	Japonica	NA		Os02g0170300	OsR498G0203055400.01.T01	MADS-box protein ZMM17

maker-2-augustus-gene-39.48-mRNA-1	Japonica	NA				Transglycosylase SLT domain containing protein expressed
maker-2-augustus-gene-390.104-mRNA-1	Japonica	Japonica		Os02g0826000	OsR498G0205036400.01.T01	F-box domain-containing protein
maker-2-augustus-gene-390.106-mRNA-1	Japonica	Indica		Os02g0825100	OsR498G0205036600.01.T01	F-box domain-containing protein
maker-2-augustus-gene-390.119-mRNA-1	Japonica	NA		Os02g0826100	OsR498G0205036800.01.T02	ATP-dependent RNA helicase pitchoune
maker-2-augustus-gene-390.54-mRNA-1	Japonica	Japonica		Os02g0824500	OsR498G0408962200.01.T01	Remorin
maker-2-augustus-gene-390.56-mRNA-1	Japonica	NA		Os02g0824700	OsR498G0205034100.01.T01	V-type proton ATPase subunit F
maker-2-augustus-gene-390.63-mRNA-1	Japonica	NA		Os02g0826200	OsR498G0205037100.01.T01	Methionine adenosyltransferase 2 subunit beta like
maker-2-augustus-gene-390.72-mRNA-1	Japonica	Japonica		Os02g0824400	OsR498G0205033600.01.T01	mediator of RNA polymerase II transcription subunit 2-like
maker-2-augustus-gene-390.75-mRNA-1	Japonica	NA			OsR498G0205034000.01.T01	
maker-2-augustus-gene-390.79-mRNA-1	Japonica	Indica		Os02g0825100	OsR498G0205034700.01.T02	F-box domain-containing protein
maker-2-augustus-gene-390.95-mRNA-1	Japonica	NA				Transposon protein, putative, unclassified
maker-2-augustus-gene-390.97-mRNA-1	Japonica	NA				Signal peptide peptidase
maker-2-augustus-gene-391.0-mRNA-1	Japonica	Indica		Os10g0497800	OsR498G0205041700.01.T05	Prolyl 4-hydroxylase alpha subunit
maker-2-augustus-gene-391.13-mRNA-1	Japonica	NA		Os02g0827300	OsR498G0205042100.01.T01	PSP domain-containing protein
maker-2-augustus-gene-391.19-mRNA-1	Japonica	NA		Os02g0827400	OsR498G0205042300.01.T01	DUF789 domain-containing protein
maker-2-augustus-gene-391.21-mRNA-1	Japonica	NA			OsR498G0205042500.01.T01	SMP-LTD domain-containing protein
maker-2-augustus-gene-391.24-mRNA-1	Japonica	NA				HAT family dimerisation domain containing protein
maker-2-augustus-gene-391.26-mRNA-1	Japonica	NA			OsR498G0205038400.01.T03	ABC transporter F family member 3
maker-2-augustus-gene-391.32-mRNA-1	Japonica	NA	CC-LRR-TM	Os02g0826600	OsR498G0205039000.01.T01	Plant intracellular Ras-group-related LRR protein 9
maker-2-augustus-gene-391.39-mRNA-1	Japonica	NA		Os02g0827600	OsR498G0205042800.01.T02	Alpha-galactosidase-like
maker-2-augustus-gene-391.42-mRNA-1	Japonica	NA			OsR498G0205043000.01.T04	Pentatricopeptide repeat
maker-2-augustus-gene-391.43-mRNA-1	Japonica	NA		Os02g0827900	OsR498G0205043000.01.T06	Signal peptidase I
maker-2-augustus-gene-391.5-mRNA-1	Japonica	NA		Os02g0827200	OsR498G0205041900.01.T02	Sucrose transporter
maker-2-augustus-gene-391.54-mRNA-1	Japonica	Indica		Os02g0828100	OsR498G0205043200.01.T01	Vacuolar protein-sorting protein BRO1
maker-2-augustus-gene-392.39-mRNA-1	Japonica	NA		Os02g0828900	OsR498G0205045700.01.T01	Transcription factor jumonji (JmjC) domain-containing protein
maker-2-augustus-gene-392.45-mRNA-1	Japonica	NA		Os02g0829400	OsR498G0205047300.01.T01	AP-5 complex subunit beta-1
maker-2-augustus-gene-392.47-mRNA-1	Japonica	NA		Os02g0829100	OsR498G0205046800.01.T01	Replication protein A subunit A
maker-2-augustus-gene-392.52-mRNA-1	Japonica	Indica		Os02g0829200	OsR498G0205047200.01.T02	Calcium-dependent lipid-binding (CaLB domain) family protein isoform 2
maker-2-augustus-gene-392.54-mRNA-1	Japonica	NA		Os02g0829500	OsR498G0205047600.01.T04	Zn-dependent hydrolase, including glyoxylase
maker-2-augustus-gene-392.59-mRNA-1	Japonica	Japonica		Os02g0829600	OsR498G0205047600.01.T01	Zn-dependent hydrolases, including glyoxylases
maker-2-augustus-gene-392.62-mRNA-1	Japonica	NA			OsR498G0205047800.01.T05	U-box domain-containing protein 62
maker-2-augustus-gene-392.65-mRNA-1	Japonica	NA		Os02g0829900	OsR498G0205049000.01.T01	Matrilin, coiled-coil trimerization domain-containing protein
maker-2-augustus-gene-392.67-mRNA-1	Japonica	NA		Os02g0830100	OsR498G0205049200.01.T01	Metallopeptidase, catalytic domain-containing protein
maker-2-augustus-gene-392.72-mRNA-1	Japonica	Japonica		Os02g0830200	OsR498G0204371000.01.T01	Two-component response regulator ORR5
maker-2-augustus-gene-392.74-mRNA-1	Japonica	NA			OsR498G0205049600.01.T01	Response regulatory domain-containing protein
maker-2-augustus-gene-392.78-mRNA-1	Japonica	NA			OsR498G0205050000.01.T01	
maker-2-augustus-gene-392.80-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0205050200.01.T01	Inactive leucine-rich repeat receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-393.0-mRNA-1	Japonica	NA			OsR498G0205050500.01.T02	ARM repeat superfamily protein
maker-2-augustus-gene-393.10-mRNA-1	Japonica	NA		Os02g0831500	OsR498G0205052100.01.T02	Sucrose synthase
maker-2-augustus-gene-393.15-mRNA-1	Japonica	NA		Os02g0832000	OsR498G0205053100.01.T01	Calcium-dependent/calmodulin-independent protein kinase
maker-2-augustus-gene-393.17-mRNA-1	Japonica	NA			OsR498G0205054100.01.T01	1,3-beta-glucan synthase
maker-2-augustus-gene-393.34-mRNA-1	Japonica	NA			OsR498G0205056100.01.T01	Protein DETOXIFICATION
maker-2-augustus-gene-393.38-mRNA-1	Japonica	Indica		Os02g0833900	OsR498G0205058300.01.T01	Peroxidase
maker-2-augustus-gene-393.41-mRNA-1	Japonica	NA		Os02g0834000	OsR498G0205059100.01.T01	Rac-like GTP-binding protein 6
maker-2-augustus-gene-393.54-mRNA-1	Japonica	NA		Os02g0831200	OsR498G0205051000.01.T01	Large ribosomal RNA subunit accumulation protein YCED 1, chloroplastic
maker-2-augustus-gene-393.56-mRNA-1	Japonica	NA		Os02g0831300	OsR498G0205051200.01.T02	Beta-catenin-like protein 1 isoform A
maker-2-augustus-gene-393.60-mRNA-1	Japonica	Indica		Os02g0831400	OsR498G0205051800.01.T01	SKIP interacting protein 16
maker-2-augustus-gene-393.63-mRNA-1	Japonica	NA				Piwi domain-containing protein (Fragment)
maker-2-augustus-gene-393.68-mRNA-1	Japonica	NA		Os02g0831700		Phospholipase A
maker-2-augustus-gene-393.7-mRNA-1	Japonica	Indica		Os02g0831100	OsR498G0205050700.01.T01	Zinc finger CCCH domain-containing protein 19
maker-2-augustus-gene-393.74-mRNA-1	Japonica	NA				Alpha-13-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase
maker-2-augustus-gene-393.81-mRNA-1	Japonica	NA		Os02g0833400	OsR498G0205056800.01.T01	probable serine/threonine-protein kinase roco9
maker-2-augustus-gene-393.85-mRNA-1	Japonica	NA		Os02g0833600	OsR498G0205057600.01.T01	BZIP transcription factor
maker-2-augustus-gene-393.88-mRNA-1	Japonica	NA		Os02g0834300	OsR498G0205060600.01.T01	Ferredoxin-related
maker-2-augustus-gene-4.0-mRNA-1	Japonica	NA		Os02g0106700	OsR498G0202818900.01.T04	Zinc finger with UFM1-specific peptidase domain protein isoform X1
maker-2-augustus-gene-4.13-mRNA-1	Japonica	NA			OsR498G0202820900.01.T02	Diphosphomevalonate decarboxylase
maker-2-augustus-gene-40.29-mRNA-1	Japonica	NA		Os02g0172800	OsR498G0203062100.01.T01	B box-type domain-containing protein
maker-2-augustus-gene-40.31-mRNA-1	Japonica	NA			OsR498G0203064100.01.T02	Carotene beta-ring hydroxylase
maker-2-augustus-gene-40.39-mRNA-1	Japonica	Indica		Os06g0665100	OsR498G0203065100.01.T04	Haloacid dehalogenase-like hydrolase domain-containing protein 3
maker-2-augustus-gene-40.41-mRNA-1	Japonica	Indica		Os02g0173700	OsR498G0203065300.01.T01	PUA domain-containing protein (Fragment)
maker-2-augustus-gene-40.53-mRNA-1	Japonica	NA			OsR498G0203064000.01.T03	Urease accessory protein UreD

maker-2-augustus-gene-40.59-mRNA-1	Japonica	NA		Os02g0173800	OsR498G0203065800.01.T01	ALA-interacting subunit
maker-2-augustus-gene-42.33-mRNA-1	Japonica	NA			OsR498G0203076200.01.T01	Transmembrane protein 230
maker-2-augustus-gene-42.36-mRNA-1	Japonica	NA				Calcium-transporting ATPase
maker-2-augustus-gene-42.44-mRNA-1	Japonica	Indica		Os02g0176900	OsR498G0203078800.01.T03	Glucose-6-phosphate 1-epimerase
maker-2-augustus-gene-43.30-mRNA-1	Japonica	NA		Os02g0177300	OsR498G0203079900.01.T01	Squamosa promoter-binding-like protein 5
maker-2-augustus-gene-43.32-mRNA-1	Japonica	NA		Os02g0177600	OsR498G0203081900.01.T03	4-coumarate coenzyme A ligase
maker-2-augustus-gene-43.37-mRNA-1	Japonica	NA				FGGY carbohydrate kinase domain-containing protein isoform X3
maker-2-augustus-gene-43.43-mRNA-1	Japonica	Indica		Os02g0178100	OsR498G0203084300.01.T02	COLE
maker-2-augustus-gene-43.45-mRNA-1	Japonica	NA			OsR498G0203084500.01.T01	FBD domain-containing protein (Fragment)
maker-2-augustus-gene-43.47-mRNA-1	Japonica	Indica		Os02g0178400	OsR498G0203085500.01.T02	Protein transport protein Sec61 subunit gamma
maker-2-augustus-gene-43.49-mRNA-1	Japonica	NA		Os02g0177400	OsR498G0203080800.01.T02	
maker-2-augustus-gene-43.53-mRNA-1	Japonica	NA		Os02g0177500	OsR498G0203081200.01.T01	Sm protein F
maker-2-augustus-gene-43.58-mRNA-1	Japonica	NA		Os02g0177700	OsR498G0203082200.01.T01	
maker-2-augustus-gene-43.60-mRNA-1	Japonica	NA		Os02g0177800	OsR498G0203082600.01.T02	Calmodulin-binding protein 60 B like
maker-2-augustus-gene-43.67-mRNA-1	Japonica	NA	Kinase-TM	Os02g0178000	OsR498G0203083200.01.T03	Non-specific serine/threonine protein kinase
maker-2-augustus-gene-43.74-mRNA-1	Japonica	NA		Os02g0178500	OsR498G0203085800.01.T01	Vacuolar import and degradation protein VID27
maker-2-augustus-gene-44.0-mRNA-1	Japonica	NA		Os02g0178700	OsR498G0203086300.01.T01	BHLH domain-containing protein
maker-2-augustus-gene-44.15-mRNA-1	Japonica	NA		Os02g0178800	OsR498G0203086600.01.T01	Aldehyde oxygenase (deformylating)
maker-2-augustus-gene-47.38-mRNA-1	Japonica	NA		Os02g0184400	OsR498G0203107300.01.T02	UDP-glucose-fructose-phosphate glucosyltransferase
maker-2-augustus-gene-49.64-mRNA-1	Japonica	NA				Cinnamyl alcohol dehydrogenase
maker-2-augustus-gene-49.65-mRNA-1	Japonica	NA			OsR498G0203120200.01.T04	Cinnamoyl alcohol dehydrogenase
maker-2-augustus-gene-5.10-mRNA-1	Japonica	Indica		Os02g0109400	OsR498G0202829400.01.T01	Transcription factor jumonji (JmjC) domain-containing protein
maker-2-augustus-gene-5.14-mRNA-1	Japonica	NA		Os02g0109800	OsR498G0202831000.01.T01	Putative nephrocystin-3
maker-2-augustus-gene-50.55-mRNA-1	Japonica	Indica		Os02g0190000	OsR498G0203130400.01.T02	ABC transporter family protein isoform 1
maker-2-augustus-gene-51.0-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os02g0190500	OsR498G0203132100.01.T01	Protein STRUBBELIG-RECEPTOR FAMILY 8 isoform X1
maker-2-augustus-gene-51.10-mRNA-1	Japonica	NA		Os02g0190800	OsR498G0203133000.01.T02	Alpha/beta hydrolase domain-containing protein 17B (Fragment)
maker-2-augustus-gene-51.14-mRNA-1	Japonica	Indica		Os02g0190900	OsR498G0203133400.01.T01	Bioproteinsis of lysosome-related organelles complex 1 subunit 2
maker-2-augustus-gene-51.16-mRNA-1	Japonica	NA		Os02g0191300	OsR498G0203134400.01.T04	Sodium-coupled neutral amino acid transporter 1
maker-2-augustus-gene-51.19-mRNA-1	Japonica	Indica		Os10g0476600	OsR498G0203135000.01.T02	Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit alpha
maker-2-augustus-gene-51.6-mRNA-1	Japonica	NA		Os02g0191500	OsR498G0203134500.01.T01	E3 ubiquitin-protein ligase CIP8
maker-2-augustus-gene-51.8-mRNA-1	Japonica	NA		Os02g0190700	OsR498G0203132800.01.T01	
maker-2-augustus-gene-52.31-mRNA-1	Japonica	NA			OsR498G0203138300.01.T01	Methyl-CpG-binding domain-containing protein 9
maker-2-augustus-gene-52.34-mRNA-1	Japonica	Indica		Os02g0192100	OsR498G0203137600.01.T01	
maker-2-augustus-gene-52.36-mRNA-1	Japonica	NA		Os02g0192500	OsR498G0203138600.01.T01	Glucomannan 4-beta-mannosyltransferase
maker-2-augustus-gene-53.28-mRNA-1	Japonica	NA		Os02g0193600	OsR498G0203142300.01.T01	Mitotic checkpoint serine/threonine-protein kinase BUB1
maker-2-augustus-gene-53.33-mRNA-1	Japonica	NA			OsR498G0203143700.01.T02	SWI/SNF complex subunit SMARCC2
maker-2-augustus-gene-53.38-mRNA-1	Japonica	NA		Os02g0194200	OsR498G0203144300.01.T01	Zinc finger CCH domain-containing protein 14
maker-2-augustus-gene-53.43-mRNA-1	Japonica	NA	Kinase-TM	Os02g0194600	OsR498G0203145700.01.T02	Putative STRUBBELIG family receptor protein kinase
maker-2-augustus-gene-53.44-mRNA-1	Japonica	NA			OsR498G0203143200.01.T01	SEC7 domain-containing protein
maker-2-augustus-gene-53.49-mRNA-1	Japonica	NA		Os02g0194100	OsR498G0203144000.01.T04	Citrate synthase
maker-2-augustus-gene-53.57-mRNA-1	Japonica	Indica		Os02g0194300	OsR498G0203144600.01.T01	Elongation factor Ts, mitochondrial
maker-2-augustus-gene-53.60-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os01g0917500	OsR498G0203145000.01.T01	Leucine-rich repeat receptor protein kinase EXS
maker-2-augustus-gene-53.61-mRNA-1	Japonica	NA		Os02g0194700	OsR498G0203146000.01.T01	Lipoxygenase
maker-2-augustus-gene-53.64-mRNA-1	Japonica	NA		Os02g0194800	OsR498G0203146600.01.T03	TBCC domain-containing protein 1
maker-2-augustus-gene-54.42-mRNA-1	Japonica	NA		Os02g0195500	OsR498G0203148300.01.T03	AbfB domain-containing protein
maker-2-augustus-gene-54.47-mRNA-1	Japonica	NA		Os02g0195800	OsR498G0203148900.01.T01	J domain-containing protein (Fragment)
maker-2-augustus-gene-54.50-mRNA-1	Japonica	NA		Os02g0196000	OsR498G0203149300.01.T02	Zinc transporter like
maker-2-augustus-gene-54.56-mRNA-1	Japonica	NA		Os02g0195000	OsR498G0203147400.01.T01	Polygalacturonase inhibitor
maker-2-augustus-gene-54.58-mRNA-1	Japonica	NA			OsR498G0203147600.01.T06	DnaJ protein P58IPK homolog A
maker-2-augustus-gene-54.63-mRNA-1	Japonica	NA		Os02g0196100		Zinc finger protein WIP2
maker-2-augustus-gene-54.65-mRNA-1	Japonica	Indica		Os02g0196300	OsR498G0203150600.01.T02	Outer envelope protein 80 chloroplastic
maker-2-augustus-gene-55.58-mRNA-1	Japonica	NA		Os02g0196800	OsR498G0203153000.01.T01	Fumarylacetoacetase
maker-2-augustus-gene-55.62-mRNA-1	Japonica	NA		Os02g0196900	OsR498G0203153400.01.T01	3-oxoacyl-acyl-carrier-protein synthase
maker-2-augustus-gene-57.38-mRNA-1	Japonica	NA		Os02g0202200	OsR498G0203173700.01.T01	SPX domain-containing protein 2
maker-2-augustus-gene-57.46-mRNA-1	Japonica	NA			OsR498G0203169000.01.T01	SHSP domain-containing protein (Fragment)
maker-2-augustus-gene-57.48-mRNA-1	Japonica	Indica		Os06g0604500	OsR498G0203171000.01.T03	Calcium-binding mitochondrial carrier protein like
maker-2-augustus-gene-57.51-mRNA-1	Japonica	NA			OsR498G0203172400.01.T07	DEAD-box ATP-dependent RNA helicase
maker-2-augustus-gene-58.23-mRNA-1	Japonica	NA			OsR498G0203174000.01.T04	Nuclear pore complex protein NUP205
maker-2-augustus-gene-58.28-mRNA-1	Japonica	Indica		Os06g0602600	OsR498G0203174600.01.T01	Alba domain-containing protein (Fragment)
maker-2-augustus-gene-58.32-mRNA-1	Japonica	NA		Os02g0202600	OsR498G0203175200.01.T01	Binding
maker-2-augustus-gene-58.37-mRNA-1	Japonica	NA		Os02g0202800		SWIM-type domain-containing protein

maker-2-augustus-gene-58.39-mRNA-1	Japonica	NA		Os02g0202900	OsR498G0203176000.01.T01	Galactose oxidase/kelch repeat superfamily protein isoform 1
maker-2-augustus-gene-58.40-mRNA-1	Japonica	NA		Os02g0203000		cAMP response element binding (CREB) protein
maker-2-augustus-gene-58.42-mRNA-1	Japonica	NA	CC-NBS-TM	Os02g0203500	OsR498G0203179000.01.T01	NB-ARC domain-containing protein (Fragment)
maker-2-augustus-gene-58.45-mRNA-1	Japonica	NA		Os02g0203700	OsR498G0203179800.01.T03	TATA-binding protein-associated factor 2N
maker-2-augustus-gene-59.16-mRNA-1	Japonica	NA			OsR498G0203181300.01.T07	Peptidylprolyl isomerase
maker-2-augustus-gene-59.21-mRNA-1	Japonica	NA		Os02g0204400	OsR498G0203181500.01.T01	Photolyase/cryptochrome alpha/beta domain-containing protein
maker-2-augustus-gene-59.25-mRNA-1	Japonica	NA			OsR498G0203181700.01.T08	ENT domain-containing protein (Fragment)
maker-2-augustus-gene-59.29-mRNA-1	Japonica	NA		Os02g0204700	OsR498G0203183800.01.T01	
maker-2-augustus-gene-6.35-mRNA-1	Japonica	Indica		Os01g0580100	OsR498G0202834900.01.T01	Mannosyltransferase
maker-2-augustus-gene-6.41-mRNA-1	Japonica	NA		Os02g0111700	OsR498G0202835300.01.T01	Ribosomal protein L37
maker-2-augustus-gene-6.44-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0202833400.01.T05	Receptor-like serine/threonine-protein kinase NCRK
maker-2-augustus-gene-6.47-mRNA-1	Japonica	NA			OsR498G0202833800.01.T04	Helicase protein MOM1
maker-2-augustus-gene-6.52-mRNA-1	Japonica	Japonica	Kinase-TM	Os02g0111600	OsR498G0202835200.01.T02	Wall-associated receptor kinase 5
maker-2-augustus-gene-6.55-mRNA-1	Japonica	Indica		Os02g0112000	OsR498G0202836400.01.T01	
maker-2-augustus-gene-60.0-mRNA-1	Japonica	NA		Os02g0205400	OsR498G0203187500.01.T01	serine-threonine kinase receptor-associated protein isoform X1
maker-2-augustus-gene-60.15-mRNA-1	Japonica	NA		Os02g0205500	OsR498G0203188000.01.T01	Very-long-chain 3-oxoacyl-CoA synthase
maker-2-augustus-gene-60.2-mRNA-1	Japonica	NA		Os02g0205000	OsR498G0203186200.01.T01	50S ribosomal protein like
maker-2-augustus-gene-60.6-mRNA-1	Japonica	NA		Os02g0205200	OsR498G0203186600.01.T02	Allergen Act d 3
maker-2-augustus-gene-60.9-mRNA-1	Japonica	NA		Os02g0205300	OsR498G0203187400.01.T01	26S proteasome regulatory particle triple-A ATPase subunit6
maker-2-augustus-gene-61.25-mRNA-1	Japonica	Indica		Os01g0647100	OsR498G0203194900.01.T01	ADP,ATP carrier protein (Fragment)
maker-2-augustus-gene-61.34-mRNA-1	Japonica	Indica		Os01g0609300	OsR498G0203195500.01.T02	Pleiotropic drug resistance protein 7
maker-2-augustus-gene-61.39-mRNA-1	Japonica	Indica		Os02g0208600	OsR498G0203196500.01.T01	SPOC domain / Transcription elongation factor S-II protein
maker-2-augustus-gene-62.0-mRNA-1	Japonica	NA		Os02g0208900	OsR498G0203199300.01.T05	NSP (Nuclear shuttle protein)-interacting GTPase
maker-2-augustus-gene-62.14-mRNA-1	Japonica	Indica		Os06g0143900	OsR498G0203199800.01.T03	Coatomer subunit beta'
maker-2-augustus-gene-62.15-mRNA-1	Japonica	Indica		Os06g0143900	OsR498G0203200200.01.T03	Coatomer subunit beta'
maker-2-augustus-gene-62.42-mRNA-1	Japonica	NA				SUN domain-containing protein
maker-2-augustus-gene-62.44-mRNA-1	Japonica	NA		Os02g0209900	OsR498G0203201200.01.T01	Syntaxin-123
maker-2-augustus-gene-62.46-mRNA-1	Japonica	NA			OsR498G0203201800.01.T01	
maker-2-augustus-gene-62.5-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os02g0210700	OsR498G0203202700.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-62.7-mRNA-1	Japonica	NA			OsR498G0203203100.01.T06	UDP-Glycosyltransferase superfamily protein
maker-2-augustus-gene-63.11-mRNA-1	Japonica	Japonica		Os02g0212600	OsR498G0203211700.01.T06	Kinesin-II 85 kDa subunit isoform X2
maker-2-augustus-gene-63.14-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os02g0211200		Putative LRR receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-63.16-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os02g0211200		Putative LRR receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-63.3-mRNA-1	Japonica	Japonica		Os02g0211100	OsR498G0202823400.01.T01	
maker-2-augustus-gene-63.5-mRNA-1	Japonica	NA		Os02g0212400		
maker-2-augustus-gene-63.7-mRNA-1	Japonica	NA		Os02g0212500		
maker-2-augustus-gene-64.39-mRNA-1	Japonica	NA	Kinase		OsR498G1120698300.01.T01	Receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-64.47-mRNA-1	Japonica	NA			OsR498G0203214000.01.T01	
maker-2-augustus-gene-65.36-mRNA-1	Japonica	NA		Os02g0214300	OsR498G0203216700.01.T02	Nuclear ribonuclease Z
maker-2-augustus-gene-65.39-mRNA-1	Japonica	NA		Os02g0214500	OsR498G0203217100.01.T01	NAC domain class transcription factor
maker-2-augustus-gene-65.41-mRNA-1	Japonica	NA		Os02g0214900	OsR498G0203218700.01.T02	Histone deacetylase
maker-2-augustus-gene-65.48-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os02g0215500	OsR498G0203219100.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-65.50-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0203220300.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-65.52-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os02g0215700		Putative LRR receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-65.54-mRNA-1	Japonica	NA		Os02g0214900	OsR498G0203217600.01.T02	Histone deacetylase
maker-2-augustus-gene-65.57-mRNA-1	Japonica	NA		Os02g0215000		p-loop containing nucleoside triphosphate hydrolase superfamily protein
maker-2-augustus-gene-66.45-mRNA-1	Japonica	NA		Os07g0658550		
maker-2-augustus-gene-66.46-mRNA-1	Japonica	Indica		Os02g0217400	OsR498G0203223700.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-66.48-mRNA-1	Japonica	NA		Os02g0217400	OsR498G0203224500.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-66.50-mRNA-1	Japonica	NA		Os02g0217500	OsR498G0203225100.01.T01	
maker-2-augustus-gene-66.54-mRNA-1	Japonica	NA				28S rRNA (Cytosine-C(5))-methyltransferase
maker-2-augustus-gene-66.58-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os02g0215700	OsR498G0203219100.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-66.69-mRNA-1	Japonica	NA		Os02g0217600	OsR498G0203225400.01.T01	Serine/threonine-protein phosphatase
maker-2-augustus-gene-67.40-mRNA-1	Japonica	NA		Os02g0218200	OsR498G0203226300.01.T06	Aminopeptidase
maker-2-augustus-gene-67.47-mRNA-1	Japonica	Indica	CC-Kinase-TM	Os02g0218600	OsR498G0203227300.01.T01	E3 ubiquitin ligase
maker-2-augustus-gene-67.52-mRNA-1	Japonica	NA		Os02g0219700	OsR498G0203230900.01.T01	Senescence-associated protein 5
maker-2-augustus-gene-67.54-mRNA-1	Japonica	NA			OsR498G0203231500.01.T01	Cytokinin dehydrogenase
maker-2-augustus-gene-67.56-mRNA-1	Japonica	NA			OsR498G0203232100.01.T01	Cytokinin dehydrogenase
maker-2-augustus-gene-67.58-mRNA-1	Japonica	NA	CC-Kinase-TM	Os02g0218400	OsR498G0203227000.01.T01	U-box domain-containing protein 52
maker-2-augustus-gene-67.61-mRNA-1	Japonica	Indica		Os02g0219200	OsR498G0203229800.01.T01	Beta-galactosidase 9
maker-2-augustus-gene-67.69-mRNA-1	Japonica	NA		Os02g0219400	OsR498G0203230600.01.T02	GPI-anchor transamidase

maker-2-augustus-gene-67.73-mRNA-1	Japonica	NA			OsR498G0203231200.01.T01	
maker-2-augustus-gene-68.0-mRNA-1	Japonica	NA		Os02g0220500	OsR498G0203233300.01.T01	Elongation factor 1-gamma
maker-2-augustus-gene-68.1-mRNA-1	Japonica	NA		Os02g0220600	OsR498G0203233300.01.T08	Elongation factor 1-gamma
maker-2-augustus-gene-68.14-mRNA-1	Japonica	NA		Os02g0220400	OsR498G0203233000.01.T01	GATA transcription factor 20
maker-2-augustus-gene-68.16-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0203233800.01.T02	(Rice Genome Annotation Project) MAP3K delta-1 protein kinase
maker-2-augustus-gene-68.23-mRNA-1	Japonica	Japonica		Os02g0221100	OsR498G0203235600.01.T01	BHLH domain-containing protein (Fragment)
maker-2-augustus-gene-69.29-mRNA-1	Japonica	NA			OsR498G0203237300.01.T03	Glycolipid permease LtaA
maker-2-augustus-gene-69.35-mRNA-1	Japonica	NA		Os02g0221800	OsR498G0203237700.01.T02	calumenin
maker-2-augustus-gene-69.46-mRNA-1	Japonica	NA		Os02g0221900	OsR498G0203238000.01.T02	Thromboxane-A synthase
maker-2-augustus-gene-7.0-mRNA-1	Japonica	NA			OsR498G0202837900.01.T01	Pathogenesis-related protein 5
maker-2-augustus-gene-7.12-mRNA-1	Japonica	NA		Os02g0113800	OsR498G0202840900.01.T02	DUF1618 domain-containing protein (Fragment)
maker-2-augustus-gene-7.16-mRNA-1	Japonica	NA		Os02g0112900	OsR498G0202838200.01.T01	Gamma-aminobutyric acid transaminase
maker-2-augustus-gene-7.19-mRNA-1	Japonica	Indica		Os09g0120033	OsR498G0202840400.01.T01	
maker-2-augustus-gene-7.21-mRNA-1	Japonica	NA			OsR498G0202841400.01.T01	ATP-dependent helicase BRM
maker-2-augustus-gene-7.3-mRNA-1	Japonica	Japonica		Os02g0113200	OsR498G0202839100.01.T01	Obtusifoliol 14-alpha demethylase
maker-2-augustus-gene-7.6-mRNA-1	Japonica	NA		Os02g0113300	OsR498G0202839700.01.T01	DUF1618 domain-containing protein (Fragment)
maker-2-augustus-gene-7.8-mRNA-1	Japonica	Japonica		Os02g0113400	OsR498G0202839900.01.T01	
maker-2-augustus-gene-70.0-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0203239100.01.T01	receptor-like protein kinase 5 isoform X1
maker-2-augustus-gene-70.2-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0203240500.01.T01	Serine/threonine protein kinase
maker-2-augustus-gene-71.0-mRNA-1	Japonica	Indica		Os02g0224300	OsR498G0203249500.01.T02	Far upstream element-binding protein 1
maker-2-augustus-gene-71.12-mRNA-1	Japonica	NA		Os02g0224200	OsR498G0203248800.01.T04	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B
maker-2-augustus-gene-71.5-mRNA-1	Japonica	NA		Os02g0224400		Metallopeptidase M24 family protein isoform 1
maker-2-augustus-gene-71.7-mRNA-1	Japonica	NA		Os02g0224800	OsR498G0203254500.01.T01	Pollen-specific protein (Fragment)
maker-2-augustus-gene-72.0-mRNA-1	Japonica	NA		Os09g0508900	OsR498G0203254900.01.T01	Peroxisomal nicotinamide adenine dinucleotide carrier
maker-2-augustus-gene-72.10-mRNA-1	Japonica	NA		Os02g0226200	OsR498G0203259700.01.T01	Inorganic pyrophosphatase 2
maker-2-augustus-gene-72.18-mRNA-1	Japonica	NA				F-box family protein, putative, expressed
maker-2-augustus-gene-72.22-mRNA-1	Japonica	Indica		Os02g0225300	OsR498G0203256200.01.T01	ATPase, vacuolar ER assembly factor, Vma
maker-2-augustus-gene-72.25-mRNA-1	Japonica	NA		Os02g0226000	OsR498G0203258800.01.T01	Peroxisomal membrane protein PMP22
maker-2-augustus-gene-74.39-mRNA-1	Japonica	NA	LRR-TM	Os02g0230100	OsR498G0203274700.01.T03	Protein phosphatase 1 regulatory subunit pprA
maker-2-augustus-gene-74.45-mRNA-1	Japonica	NA		Os02g0228900	OsR498G0203270600.01.T01	Auxin-responsive protein IAA7
maker-2-augustus-gene-74.47-mRNA-1	Japonica	NA		Os02g0229000	OsR498G0203271400.01.T01	40S ribosomal protein S24
maker-2-augustus-gene-74.50-mRNA-1	Japonica	Japonica		Os02g0229600	OsR498G0203272800.01.T05	Kinesin motor domain-containing protein
maker-2-augustus-gene-74.59-mRNA-1	Japonica	Indica		Os02g0230000	OsR498G0203274600.01.T03	
maker-2-augustus-gene-75.16-mRNA-1	Japonica	NA		Os02g0230300	OsR498G0203275400.01.T01	Meiosis 5
maker-2-augustus-gene-75.18-mRNA-1	Japonica	NA			OsR498G0203275800.01.T01	BHLH domain-containing protein
maker-2-augustus-gene-76.0-mRNA-1	Japonica	NA		Os02g0232000	OsR498G0203284300.01.T01	Heat stress transcription factor
maker-2-augustus-gene-76.10-mRNA-1	Japonica	NA	Kinase-LRR-TM			Mitogen-activated protein kinase kinase
maker-2-augustus-gene-76.17-mRNA-1	Japonica	NA			OsR498G0203282200.01.T01	Phytoecyanin domain-containing protein
maker-2-augustus-gene-76.2-mRNA-1	Japonica	Indica		Os06g0157500	OsR498G0203285700.01.T01	
maker-2-augustus-gene-76.20-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os02g0231700	OsR498G0203282600.01.T01	Leucine-rich repeat protein kinase family protein
maker-2-augustus-gene-76.22-mRNA-1	Japonica	NA		Os02g0232100	OsR498G0203284600.01.T02	E3 ubiquitin-protein like
maker-2-augustus-gene-76.25-mRNA-1	Japonica	NA		Os02g0232900	OsR498G0203286800.01.T02	Aquaporin NIP
maker-2-augustus-gene-76.4-mRNA-1	Japonica	NA		Os02g0232400	OsR498G0203286100.01.T01	Citrate synthase
maker-2-augustus-gene-77.25-mRNA-1	Japonica	NA		Os02g0233100	OsR498G0203288500.01.T01	FYVE-type domain-containing protein (Fragment)
maker-2-augustus-gene-77.29-mRNA-1	Japonica	NA		Os02g0234200	OsR498G0203290500.01.T01	Putative six-bladed beta-propeller, TolB
maker-2-augustus-gene-77.32-mRNA-1	Japonica	Indica		Os02g0233200	OsR498G0203288800.01.T01	BES1/BZR1 like protein 4
maker-2-augustus-gene-77.36-mRNA-1	Japonica	NA				
maker-2-augustus-gene-77.38-mRNA-1	Japonica	NA				TTF-type domain-containing protein
maker-2-augustus-gene-78.18-mRNA-1	Japonica	Indica		Os02g0235900	OsR498G0203297900.01.T01	Berberine bridge enzyme-like protein 50
maker-2-augustus-gene-78.19-mRNA-1	Japonica	NA		Os02g0236000	OsR498G0203299500.01.T02	Aspartate aminotransferase
maker-2-augustus-gene-78.24-mRNA-1	Japonica	Japonica		Os02g0234700	OsR498G0612730300.01.T02	
maker-2-augustus-gene-78.26-mRNA-1	Japonica	NA		Os02g0234800	OsR498G0203293800.01.T01	U2 small nuclear ribonucleoprotein A'
maker-2-augustus-gene-78.31-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os02g0236100	OsR498G0203300000.01.T02	LRR receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-78.5-mRNA-1	Japonica	Indica		Os02g0235000	OsR498G0203294900.01.T05	Actin-related protein 2/3 complex subunit
maker-2-augustus-gene-78.9-mRNA-1	Japonica	NA		Os02g0235600	OsR498G0203297700.01.T04	60S ribosomal protein L11
maker-2-augustus-gene-79.0-mRNA-1	Japonica	Indica		Os06g0547400	OsR498G0203302100.01.T01	Peroxidase
maker-2-augustus-gene-79.10-mRNA-1	Japonica	NA	Kinase-TM	Os02g0236200	OsR498G0203300400.01.T01	Non-specific serine/threonine protein kinase
maker-2-augustus-gene-79.16-mRNA-1	Japonica	NA		Os02g0237100	OsR498G0203303600.01.T03	PABS domain-containing protein
maker-2-augustus-gene-79.4-mRNA-1	Japonica	NA		Os02g0236800	OsR498G0203302700.01.T02	Peroxidase
maker-2-augustus-gene-79.8-mRNA-1	Japonica	NA		Os02g0237700		BED-type domain-containing protein (Fragment)
maker-2-augustus-gene-8.28-mRNA-1	Japonica	NA		Os02g0114700	OsR498G0202843500.01.T01	D-site 20S pre-rRNA nuclease Nob

maker-2-augustus-gene-8.31-mRNA-1	Japonica	NA		Os02g0115600	OsR498G0202846700.01.T02	S1 motif domain-containing protein (Fragment)
maker-2-augustus-gene-8.34-mRNA-1	Japonica	NA		Os02g0114050	OsR498G0202842000.01.T01	
maker-2-augustus-gene-8.37-mRNA-1	Japonica	NA		Os02g0114200	OsR498G0202842400.01.T01	Carboxypeptidase
maker-2-augustus-gene-8.41-mRNA-1	Japonica	NA		Os02g0114400	OsR498G0202842600.01.T01	Glycerol-3-phosphate 2-O-acyltransferase 4
maker-2-augustus-gene-8.43-mRNA-1	Japonica	NA		Os02g0114600	OsR498G0202843000.01.T02	F-box/kelch-repeat protein SKIP4
maker-2-augustus-gene-8.45-mRNA-1	Japonica	NA		Os02g0114800	OsR498G0202843800.01.T01	transcription repressor MYB6
maker-2-augustus-gene-8.47-mRNA-1	Japonica	Japonica		Os02g0115700	OsR498G0305175000.01.T01	Catalase isozyme A
maker-2-augustus-gene-80.23-mRNA-1	Japonica	NA		Os08g0487300	OsR498G0816350400.01.T01	Transposon protein, putative, Mutator sub-class
maker-2-augustus-gene-80.26-mRNA-1	Japonica	NA		Os04g0599400	OsR498G0203306400.01.T02	Phospholipid scramblase
maker-2-augustus-gene-81.0-mRNA-1	Japonica	NA		Os02g0240100	OsR498G0203308300.01.T01	Peroxidase
maker-2-augustus-gene-81.15-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os02g0241100	OsR498G0203310000.01.T01	Serine/threonine protein kinase
maker-2-augustus-gene-81.2-mRNA-1	Japonica	NA		Os02g0240300	OsR498G0203308700.01.T01	Peroxidase
maker-2-augustus-gene-81.4-mRNA-1	Japonica	Japonica		Os02g0240500	OsR498G0203309700.01.T01	Peroxidase
maker-2-augustus-gene-81.6-mRNA-1	Japonica	NA			OsR498G0203310700.01.T01	HTH myb-type domain-containing protein
maker-2-augustus-gene-81.8-mRNA-1	Japonica	NA	Kinase-TM	Os02g0241600	OsR498G0203312300.01.T01	Serine/threonine-protein kinase EDR1
maker-2-augustus-gene-82.0-mRNA-1	Japonica	NA		Os02g0242600	OsR498G0203314300.01.T01	Glutelin type-B
maker-2-augustus-gene-82.2-mRNA-1	Japonica	Japonica		Os02g0243900	OsR498G0203315300.01.T01	Potassium channel KAT1
maker-2-augustus-gene-83.14-mRNA-1	Japonica	NA		Os02g0244100	OsR498G0203315700.01.T02	RING-type E3 ubiquitin ligase
maker-2-augustus-gene-83.18-mRNA-1	Japonica	NA		Os02g0244300	OsR498G0203317100.01.T01	Ubiquitin carboxyl-terminal hydrolase 15
maker-2-augustus-gene-83.24-mRNA-1	Japonica	NA		Os02g0245000	OsR498G0203319700.01.T05	Splicing factor 3A subunit 1
maker-2-augustus-gene-83.26-mRNA-1	Japonica	NA		Os02g0244700	OsR498G0203318800.01.T02	Phosphoenolpyruvate carboxylase
maker-2-augustus-gene-84.0-mRNA-1	Japonica	NA			OsR498G0203324700.01.T02	1,3-beta-glucan synthase
maker-2-augustus-gene-84.2-mRNA-1	Japonica	NA				1,3-beta-glucan synthase
maker-2-augustus-gene-84.6-mRNA-1	Japonica	Indica		Os02g0245800	OsR498G0203322200.01.T03	Potassium channel KAT1
maker-2-augustus-gene-85.43-mRNA-1	Japonica	NA		Os02g0247100	OsR498G0203325700.01.T01	Basic-leucine zipper domain
maker-2-augustus-gene-85.45-mRNA-1	Japonica	Indica		Os01g0212400	OsR498G0203327500.01.T01	Sodium/calcium exchanger
maker-2-augustus-gene-86.34-mRNA-1	Japonica	Japonica		Os02g0249600	OsR498G0203334100.01.T01	Glutelin type-B
maker-2-augustus-gene-86.37-mRNA-1	Japonica	NA		Os02g0249900	OsR498G0203334100.01.T01	Glutelin type-B
maker-2-augustus-gene-86.40-mRNA-1	Japonica	Indica		Os02g0250300	OsR498G0203336300.01.T03	Transcription factor GTE4
maker-2-augustus-gene-86.43-mRNA-1	Japonica	NA		Os02g0250400	OsR498G0203336700.01.T01	GD5L esterase/lipase
maker-2-augustus-gene-86.47-mRNA-1	Japonica	NA		Os02g0249700		F-box domain-containing protein
maker-2-augustus-gene-86.49-mRNA-1	Japonica	NA		Os02g0249900	OsR498G0203334100.01.T01	Glutelin type-B
maker-2-augustus-gene-87.34-mRNA-1	Japonica	NA		Os02g0252200	OsR498G0203341300.01.T01	NAC domain-containing protein 76
maker-2-augustus-gene-87.36-mRNA-1	Japonica	Indica		Os02g0252100	OsR498G0203340800.01.T01	Pre-mRNA splicing factor
maker-2-augustus-gene-87.41-mRNA-1	Japonica	Indica		Os02g0252600	OsR498G0203342400.01.T02	D-aminoacid aminotransferase-like PLP-dependent enzymes superfamily protein
maker-2-augustus-gene-88.13-mRNA-1	Japonica	NA			OsR498G0203346200.01.T01	
maker-2-augustus-gene-88.16-mRNA-1	Japonica	Indica		Os06g0528600	OsR498G0203346800.01.T01	PABS domain-containing protein (Fragment)
maker-2-augustus-gene-88.29-mRNA-1	Japonica	NA		Os02g0255200	OsR498G0203348200.01.T01	30S ribosomal protein S8, chloroplastic
maker-2-augustus-gene-88.6-mRNA-1	Japonica	Indica		Os02g0255500	OsR498G0203349500.01.T01	Abscisic acid receptor like
maker-2-augustus-gene-88.8-mRNA-1	Japonica	NA		Os02g0255500	OsR498G0203350900.01.T01	Abscisic acid receptor PYR/PYL family
maker-2-augustus-gene-89.0-mRNA-1	Japonica	NA		Os02g0256100	OsR498G0203351900.01.T01	Pectin lyase-like superfamily protein (Fragment)
maker-2-augustus-gene-89.10-mRNA-1	Japonica	NA			OsR498G0203351800.01.T03	clustered mitochondria protein isoform X4
maker-2-augustus-gene-89.18-mRNA-1	Japonica	Japonica		Os02g0256800	OsR498G0203353400.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-2-augustus-gene-89.20-mRNA-1	Japonica	NA		Os02g0257100	OsR498G0203353400.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-2-augustus-gene-89.22-mRNA-1	Japonica	Japonica		Os02g0257200	OsR498G0203353600.01.T01	Polypyrimidine tract-binding protein-like protein 2
maker-2-augustus-gene-89.24-mRNA-1	Japonica	NA			OsR498G0203354000.01.T01	BHLH transcription factor
maker-2-augustus-gene-89.3-mRNA-1	Japonica	NA		Os02g0257001		
maker-2-augustus-gene-89.5-mRNA-1	Japonica	NA		Os02g0257300	OsR498G0203353700.01.T01	Rhodanese-like domain-containing protein 4 chloroplastic
maker-2-augustus-gene-90.0-mRNA-1	Japonica	Indica		Os02g0258200	OsR498G0203358000.01.T01	High mobility group B protein 6
maker-2-augustus-gene-90.10-mRNA-1	Japonica	NA		Os02g0259600	OsR498G0203362800.01.T01	50S ribosomal protein L21 chloroplastic
maker-2-augustus-gene-90.2-mRNA-1	Japonica	NA		Os02g0258300	OsR498G0203358200.01.T01	Extra-large G-protein-like
maker-2-augustus-gene-90.5-mRNA-1	Japonica	NA		Os02g0258900	OsR498G0203361000.01.T06	GTP 3'-8-cyclase, mitochondrial isoform C
maker-2-augustus-gene-91.14-mRNA-1	Japonica	NA			OsR498G0203363300.01.T02	BAG family molecular chaperone regulator 6
maker-2-augustus-gene-91.18-mRNA-1	Japonica	Indica		Os02g0260200	OsR498G0203364900.01.T02	F-box/kelch-repeat protein At3g61590
maker-2-augustus-gene-91.20-mRNA-1	Japonica	NA		Os02g0260500	OsR498G0203365500.01.T01	Intracellular protein transport protein USO1-related
maker-2-augustus-gene-91.23-mRNA-1	Japonica	NA		Os02g0260700	OsR498G0203366500.01.T01	BTB/POZ domain-containing protein POB1
maker-2-augustus-gene-91.27-mRNA-1	Japonica	NA		Os02g0261000	OsR498G0203367900.01.T02	Late embryogenesis abundant (LEA) hydroxyproline-rich glycoprotein family
maker-2-augustus-gene-91.28-mRNA-1	Japonica	Indica		Os11g0706100	OsR498G0203365400.01.T05	
maker-2-augustus-gene-92.25-mRNA-1	Japonica	NA		Os02g0261100	OsR498G0203368500.01.T03	UBC core domain-containing protein (Fragment)
maker-2-augustus-gene-93.0-mRNA-1	Japonica	NA		Os02g0262700		Putative bacterial blight-resistance protein Xa1
maker-2-augustus-gene-94.40-mRNA-1	Japonica	NA		Os02g0264300	OsR498G0203370000.01.T01	Plastid division protein PDV

maker-2-augustus-gene-94.42-mRNA-1	Japonica	NA		Os02g0264800	OsR498G0203372600.01.T01	Arabinogalactan peptide
maker-2-augustus-gene-95.29-mRNA-1	Japonica	NA		Os02g0265200	OsR498G0203373900.01.T01	WRKY transcription factor
maker-2-augustus-gene-95.31-mRNA-1	Japonica	Indica		Os02g0265700	OsR498G0203376100.01.T02	
maker-2-augustus-gene-95.35-mRNA-1	Japonica	NA		Os02g0265900	OsR498G0203376500.01.T02	Reticulon-like protein (Fragment)
maker-2-augustus-gene-95.39-mRNA-1	Japonica	NA			OsR498G0203376700.01.T01	Phosphoribosylanthranilate isomerase
maker-2-augustus-gene-95.42-mRNA-1	Japonica	NA		Os02g0266200	OsR498G0203377100.01.T01	Pentatricopeptide repeat-containing protein, putative
maker-2-augustus-gene-95.44-mRNA-1	Japonica	NA		Os02g0265400	OsR498G0203375600.01.T01	Vacuolar protein sorting-associated protein 29
maker-2-augustus-gene-95.53-mRNA-1	Japonica	Japonica		Os02g0266100	OsR498G0203377000.01.T01	U1 small nuclear ribonucleoprotein C
maker-2-augustus-gene-95.56-mRNA-1	Japonica	NA		Os02g0266300	OsR498G0203377400.01.T02	Putative ankyrin repeat-containing domain, P-loop containing nucleoside triphosphate
maker-2-augustus-gene-96.0-mRNA-1	Japonica	NA			OsR498G0203378100.01.T01	tRNA(Ile)-2-lysyl-cytidine synthase
maker-2-augustus-gene-96.11-mRNA-1	Japonica	NA		Os02g0267200	OsR498G0203379500.01.T01	Expansin
maker-2-augustus-gene-96.13-mRNA-1	Japonica	NA		Os02g0267700	OsR498G0203380900.01.T01	Expansin
maker-2-augustus-gene-96.15-mRNA-1	Japonica	Indica		Os02g0268600	OsR498G0203381700.01.T01	Expansin
maker-2-augustus-gene-96.17-mRNA-1	Japonica	Indica		Os02g0267700	OsR498G0203383000.01.T01	Expansin
maker-2-augustus-gene-96.19-mRNA-1	Japonica	NA		Os02g0268300	OsR498G0203382800.01.T01	Glutelin type-B
maker-2-augustus-gene-96.21-mRNA-1	Japonica	NA		Os02g0266800	OsR498G0203378400.01.T01	Basic leucine zipper 9
maker-2-augustus-gene-96.25-mRNA-1	Japonica	NA	Kinase-TM	Os01g0711200	OsR498G0101870300.01.T01	Putative leucine-rich repeat receptor-like protein kinase
maker-2-augustus-gene-96.29-mRNA-1	Japonica	Indica		Os02g0267700	OsR498G0203383000.01.T01	Expansin
maker-2-augustus-gene-96.31-mRNA-1	Japonica	NA		Os02g0268600	OsR498G0203383600.01.T01	Expansin
maker-2-augustus-gene-96.33-mRNA-1	Japonica	NA		Os02g0269000	OsR498G0203384400.01.T01	Protein CONTINUOUS VASCULAR RING 1
maker-2-augustus-gene-96.6-mRNA-1	Japonica	NA		Os02g0267000	OsR498G0203379300.01.T01	Chloroplast processing peptidase
maker-2-augustus-gene-97.27-mRNA-1	Japonica	NA		Os02g0269600	OsR498G0203385800.01.T01	Subtilisin-like protease
maker-2-augustus-gene-97.29-mRNA-1	Japonica	Indica		Os02g0270933	OsR498G0203388600.01.T02	Subtilisin-like protease
maker-2-augustus-gene-98.1-mRNA-1	Japonica	Indica		Os02g0270933	OsR498G0203389000.01.T01	Subtilisin-like protease
maker-2-augustus-gene-98.10-mRNA-1	Japonica	NA		Os02g0271000	OsR498G0203389600.01.T01	Subtilisin-like protease
maker-2-augustus-gene-98.14-mRNA-1	Japonica	NA		Os02g0271600	OsR498G0203389800.01.T01	Subtilisin-like protease
maker-2-augustus-gene-99.0-mRNA-1	Japonica	NA		Os02g0271900	OsR498G0203390500.01.T02	HTH myb-type domain-containing protein
maker-2-augustus-gene-99.11-mRNA-1	Japonica	NA		Os02g0273100	OsR498G0203395500.01.T01	D-amino-acid transaminase, chloroplastic
maker-2-augustus-gene-99.13-mRNA-1	Japonica	NA		Os02g0272400	OsR498G0203393000.01.T01	Eukaryotic translation initiation factor 3 subunit L-like
maker-2-augustus-gene-99.3-mRNA-1	Japonica	NA			OsR498G0203391700.01.T01	Flavin-containing monooxygenase
maker-2-augustus-gene-99.5-mRNA-1	Japonica	NA		Os02g0272300	OsR498G0203392500.01.T01	Rho guanine nucleotide exchange factor like
maker-2-augustus-gene-99.7-mRNA-1	Japonica	NA		Os02g0272600	OsR498G0203393900.01.T01	Gamma-secretase subunit Aph-1
maker-3-augustus-gene-1.35-mRNA-1	Japonica	Indica		Os05g0413200	OsR498G0305083300.01.T01	Tubulin beta chain
maker-3-augustus-gene-1.37-mRNA-1	Japonica	NA		Os03g0105500		
maker-3-augustus-gene-1.38-mRNA-1	Japonica	NA		Os03g0105700	OsR498G0305083600.01.T01	AT-hook motif nuclear-localized protein (Fragment)
maker-3-augustus-gene-1.41-mRNA-1	Japonica	NA		Os03g0105800	OsR498G0305083800.01.T02	PPC domain-containing protein
maker-3-augustus-gene-1.43-mRNA-1	Japonica	NA		Os03g0106000	OsR498G0305084600.01.T02	UPF0187 protein chloroplastic
maker-3-augustus-gene-1.46-mRNA-1	Japonica	NA		Os03g0106200	OsR498G0305085200.01.T03	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P-related
maker-3-augustus-gene-1.49-mRNA-1	Japonica	NA		Os03g0106300	OsR498G0305085400.01.T01	
maker-3-augustus-gene-1.51-mRNA-1	Japonica	NA		Os03g0106400	OsR498G0305085600.01.T02	Branched-chain-amino-acid aminotransferase
maker-3-augustus-gene-1.56-mRNA-1	Japonica	Japonica		Os03g0106700	OsR498G0305087100.01.T01	Group I pollen allergen
maker-3-augustus-gene-10.20-mRNA-1	Japonica	NA	Kinase-TM	Os03g0122000	OsR498G0305141900.01.T02	Serine/threonine-protein kinase ATG1a
maker-3-augustus-gene-10.25-mRNA-1	Japonica	NA			OsR498G0305142500.01.T01	Transcription factor bHLH70
maker-3-augustus-gene-10.28-mRNA-1	Japonica	NA			OsR498G0305141600.01.T02	Endoribonuclease Dicer like 1
maker-3-augustus-gene-10.40-mRNA-1	Japonica	NA		Os03g0122200	OsR498G0305143000.01.T01	Plastid ribosomal protein I11
maker-3-augustus-gene-10.43-mRNA-1	Japonica	NA		Os03g0122300	OsR498G0305143200.01.T02	Flavanone 3-dioxygenase
maker-3-augustus-gene-10.46-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-3-augustus-gene-100.0-mRNA-1	Japonica	NA			OsR498G0305746100.01.T02	Pherophorin like protein
maker-3-augustus-gene-100.13-mRNA-1	Japonica	Indica		Os03g0293850	OsR498G0305744600.01.T08	
maker-3-augustus-gene-100.17-mRNA-1	Japonica	Indica		Os05g0353400	OsR498G0305747000.01.T01	Importin subunit beta-1 like
maker-3-augustus-gene-100.19-mRNA-1	Japonica	NA	Kinase-TM	Os03g0294800	OsR498G0305747600.01.T01	Putative LRR receptor-like serine/threonine-protein kinase MRH1
maker-3-augustus-gene-100.2-mRNA-1	Japonica	Indica		Os03g0294200	OsR498G0305746300.01.T01	6-phosphofructo-2-kinase/fructose-26-bisphosphatase
maker-3-augustus-gene-100.9-mRNA-1	Japonica	NA		Os03g0293500	OsR498G0305742800.01.T01	Pyruvate decarboxylase
maker-3-augustus-gene-101.0-mRNA-1	Japonica	NA		Os03g0295500	OsR498G0305749300.01.T02	CHCH domain containing protein, expressed
maker-3-augustus-gene-101.11-mRNA-1	Japonica	NA		Os03g0296400	OsR498G0305752700.01.T01	Eukaryotic translation initiation factor 2 subunit alpha
maker-3-augustus-gene-101.17-mRNA-1	Japonica	NA		Os03g0296800	OsR498G0305753700.01.T02	Mitoferrin
maker-3-augustus-gene-101.2-mRNA-1	Japonica	NA		Os03g0295700	OsR498G0305750700.01.T04	Rab3 GTPase-activating protein catalytic subunit
maker-3-augustus-gene-101.20-mRNA-1	Japonica	NA		Os03g0297100	OsR498G0305754100.01.T01	40S ribosomal protein S7
maker-3-augustus-gene-101.23-mRNA-1	Japonica	NA		Os03g0297100	OsR498G0305754500.01.T01	40S ribosomal protein S7
maker-3-augustus-gene-101.25-mRNA-1	Japonica	NA		Os03g0295400	OsR498G0305749200.01.T02	DNA-directed RNA polymerases I and III subunit RPAC1
maker-3-augustus-gene-101.30-mRNA-1	Japonica	NA	Kinase-TM	Os03g0295600	OsR498G0305749600.01.T01	Serine/threonine-protein kinase STY46

maker-3-augustus-gene-101.32-mRNA-1	Japonica	Indica		Os03g0295800	OsR498G0305751000.01.T02	Gamma interferon inducible lysosomal thiol reductase GILT
maker-3-augustus-gene-101.37-mRNA-1	Japonica	NA		Os03g0296000	OsR498G0305751800.01.T01	Myb transcription factor
maker-3-augustus-gene-101.40-mRNA-1	Japonica	NA				Mitochondrial import inner membrane translocase
maker-3-augustus-gene-101.43-mRNA-1	Japonica	NA				[Acyl-carrier-protein] S-malonyltransferase
maker-3-augustus-gene-101.9-mRNA-1	Japonica	NA		Os03g0296200	OsR498G0305752300.01.T01	
maker-3-augustus-gene-102.11-mRNA-1	Japonica	NA		Os03g0298400	OsR498G0305759700.01.T01	26S protease regulatory subunit 4 isogeny
maker-3-augustus-gene-102.15-mRNA-1	Japonica	NA		Os03g0299200	OsR498G0305761900.01.T01	Tasselseed2-like short-chain dehydrogenase/reductase (Fragment)
maker-3-augustus-gene-102.17-mRNA-1	Japonica	NA		Os03g0298600	OsR498G0305760000.01.T02	Iron regulated 1 protein
maker-3-augustus-gene-102.19-mRNA-1	Japonica	NA		Os03g0298700	OsR498G0305760200.01.T01	
maker-3-augustus-gene-102.25-mRNA-1	Japonica	NA		Os03g0298800	OsR498G0305760400.01.T01	U1 small nuclear ribonucleoprotein A/U2 small nuclear ribonucleoprotein B
maker-3-augustus-gene-102.3-mRNA-1	Japonica	Indica	CC-Kinase-LRR-TM	Os03g0297800	OsR498G0305757700.01.T01	Probably inactive leucine-rich repeat receptor-like protein kinase IMK2
maker-3-augustus-gene-102.5-mRNA-1	Japonica	NA		Os03g0297900		Laccase
maker-3-augustus-gene-102.8-mRNA-1	Japonica	NA		Os03g0298300	OsR498G0305759300.01.T01	AAA domain-containing protein
maker-3-augustus-gene-103.34-mRNA-1	Japonica	NA		Os03g0299900	OsR498G0305765300.01.T01	LL-diaminopimelate aminotransferase chloroplastic
maker-3-augustus-gene-103.39-mRNA-1	Japonica	NA		Os03g0300300	OsR498G0305766500.01.T01	Utp12 domain-containing protein
maker-3-augustus-gene-103.43-mRNA-1	Japonica	NA		Os03g0300400	OsR498G0305766700.01.T01	Pathogenesis related protein 10
maker-3-augustus-gene-103.45-mRNA-1	Japonica	NA		Os03g0301400	OsR498G0305771300.01.T02	three prime repair exonuclease 2
maker-3-augustus-gene-103.47-mRNA-1	Japonica	NA			OsR498G0305771500.01.T02	Zinc finger CCHC domain-containing protein 9
maker-3-augustus-gene-103.49-mRNA-1	Japonica	NA		Os03g0300200	OsR498G0305766400.01.T04	Programmed cell death protein 2
maker-3-augustus-gene-103.54-mRNA-1	Japonica	NA		Os03g0300600	OsR498G0305767800.01.T01	J domain-containing protein
maker-3-augustus-gene-104.32-mRNA-1	Japonica	NA			OsR498G0305771500.01.T04	Calmodulin-binding protein 60 D
maker-3-augustus-gene-104.37-mRNA-1	Japonica	NA		Os03g0302200	OsR498G0305773700.01.T06	Remodeling and spacing factor 1-like
maker-3-augustus-gene-104.39-mRNA-1	Japonica	NA		Os03g0302500	OsR498G0305774300.01.T01	Cytoplasmic dynein 1 light intermediate chain 2
maker-3-augustus-gene-104.40-mRNA-1	Japonica	NA		Os03g0302900	OsR498G0305775700.01.T02	DUF4378 domain-containing protein (Fragment)
maker-3-augustus-gene-104.43-mRNA-1	Japonica	NA		Os03g0301700	OsR498G0305771800.01.T03	PPM-type phosphatase domain-containing protein
maker-3-augustus-gene-104.48-mRNA-1	Japonica	NA				p-loop nucleoside triphosphate hydrolase superfamily protein with CH (Calp)
maker-3-augustus-gene-104.54-mRNA-1	Japonica	NA			OsR498G0305776800.01.T01	Myb-related protein P
maker-3-augustus-gene-105.25-mRNA-1	Japonica	NA		Os03g0304400	OsR498G0305778900.01.T02	BRCA1 C Terminus domain containing protein, expressed
maker-3-augustus-gene-105.29-mRNA-1	Japonica	NA		Os03g0304100	OsR498G0305778600.01.T01	Glycine-rich protein family
maker-3-augustus-gene-105.31-mRNA-1	Japonica	NA			OsR498G0305778800.01.T01	
maker-3-augustus-gene-105.33-mRNA-1	Japonica	NA		Os03g0304500	OsR498G0305780400.01.T01	J domain-containing protein
maker-3-augustus-gene-105.36-mRNA-1	Japonica	Indica		Os03g0304800	OsR498G0305782200.01.T03	Negatively light-regulated protein, putative, expressed
maker-3-augustus-gene-106.0-mRNA-1	Japonica	NA		Os03g0305500	OsR498G0305786100.01.T02	Fumarate lyase
maker-3-augustus-gene-106.10-mRNA-1	Japonica	NA			OsR498G0305787700.01.T01	
maker-3-augustus-gene-106.11-mRNA-1	Japonica	NA		Os03g0306700	OsR498G0305789700.01.T01	BZIP transcription factor
maker-3-augustus-gene-106.12-mRNA-1	Japonica	NA		Os03g0307000	OsR498G0305790900.01.T02	Nicotianamine synthase6
maker-3-augustus-gene-106.14-mRNA-1	Japonica	Indica		Os03g0305100	OsR498G0305783600.01.T01	Acetate-CoA ligase
maker-3-augustus-gene-106.16-mRNA-1	Japonica	NA		Os03g0305100	OsR498G0305784600.01.T02	Acetate-CoA ligase
maker-3-augustus-gene-106.18-mRNA-1	Japonica	NA		Os03g0305400	OsR498G0305786000.01.T04	Usp domain-containing protein (Fragment)
maker-3-augustus-gene-106.21-mRNA-1	Japonica	NA			OsR498G0305788200.01.T01	WD40/YVTN repeat-like-containing domain
maker-3-augustus-gene-106.29-mRNA-1	Japonica	NA	CC-NBS-TM	Os03g0306400	OsR498G0305788600.01.T02	Lon protease, mitochondrial
maker-3-augustus-gene-106.3-mRNA-1	Japonica	NA		Os03g0305600	OsR498G0305786300.01.T04	Outer envelope pore protein 16-2 chloroplastic
maker-3-augustus-gene-106.35-mRNA-1	Japonica	NA		Os03g0306900	OsR498G0305790600.01.T01	Seed maturation protein PM36
maker-3-augustus-gene-106.6-mRNA-1	Japonica	NA		Os03g0305700	OsR498G0305786500.01.T01	PCRF domain-containing protein (Fragment)
maker-3-augustus-gene-107.40-mRNA-1	Japonica	NA		Os03g0307100	OsR498G0305791100.01.T01	Probable glutamyl endopeptidase, chloroplastic
maker-3-augustus-gene-107.44-mRNA-1	Japonica	NA		Os03g0307400	OsR498G0305792900.01.T01	Calcium-dependent phosphotriesterase superfamily protein
maker-3-augustus-gene-107.46-mRNA-1	Japonica	NA			OsR498G0305792900.01.T02	Putative ARM repeat-containing protein containing family protein
maker-3-augustus-gene-107.48-mRNA-1	Japonica	Japonica		Os03g0307700	OsR498G0305793500.01.T02	Protein trichome birefringence
maker-3-augustus-gene-107.56-mRNA-1	Japonica	NA		Os03g0308500	OsR498G0305794900.01.T01	DEAD-box ATP-dependent RNA helicase
maker-3-augustus-gene-107.59-mRNA-1	Japonica	Indica		Os03g0308600	OsR498G0305795100.01.T02	
maker-3-augustus-gene-107.62-mRNA-1	Japonica	Indica		Os03g0308700	OsR498G0305795300.01.T01	Energy transducer TonB
maker-3-augustus-gene-107.64-mRNA-1	Japonica	NA		Os03g0307800	OsR498G0305793800.01.T01	Histone-lysine N-methyltransferase EZ3
maker-3-augustus-gene-107.68-mRNA-1	Japonica	NA		Os03g0308100	OsR498G0305794200.01.T01	ATP-dependent Clp protease proteolytic subunit
maker-3-augustus-gene-107.73-mRNA-1	Japonica	NA		Os03g0308200	OsR498G0305794600.01.T06	ARM repeat superfamily protein
maker-3-augustus-gene-107.78-mRNA-1	Japonica	NA		Os03g0308800	OsR498G0305795600.01.T01	High chlorophyll fluorescent 107
maker-3-augustus-gene-107.82-mRNA-1	Japonica	NA			OsR498G0305796000.01.T01	Pre-mRNA 3'-end-processing factor FIP1
maker-3-augustus-gene-107.85-mRNA-1	Japonica	NA		Os03g0309000	OsR498G0305796200.01.T02	Heme binding
maker-3-augustus-gene-108.0-mRNA-1	Japonica	NA		Os03g0309200	OsR498G0305797300.01.T04	Phytochrome B
maker-3-augustus-gene-108.11-mRNA-1	Japonica	NA		Os03g0310400		Crotonase superfamily
maker-3-augustus-gene-108.13-mRNA-1	Japonica	NA			OsR498G0305801100.01.T01	Protein-serine/threonine phosphatase (Fragment)
maker-3-augustus-gene-108.20-mRNA-1	Japonica	NA		Os03g0309400	OsR498G0305798400.01.T01	Pectinesterase

maker-3-augustus-gene-108.22-mRNA-1	Japonica	NA		Os03g0310900		
maker-3-augustus-gene-108.9-mRNA-1	Japonica	NA		Os03g0310000	OsR498G0305800500.01.T01	GDLS-like Lipase/Acylhydrolase family protein, expressed
maker-3-augustus-gene-109.34-mRNA-1	Japonica	NA				NHL repeat-containing protein 2
maker-3-augustus-gene-109.40-mRNA-1	Japonica	NA		Os03g0312600	OsR498G0305809900.01.T06	GPN-loop GTPase
maker-3-augustus-gene-109.43-mRNA-1	Japonica	NA		Os03g0313000	OsR498G0305810300.01.T01	NADH-ubiquinone oxidoreductase 13 kDa-B subunit
maker-3-augustus-gene-109.45-mRNA-1	Japonica	NA		Os03g0312300	OsR498G0305808600.01.T01	Cysteine-rich repeat secretory protein 55
maker-3-augustus-gene-109.47-mRNA-1	Japonica	NA		Os03g0313100	OsR498G0305810800.01.T01	AP2-EREBP transcription factor
maker-3-augustus-gene-109.49-mRNA-1	Japonica	NA				Polynucleotide adenylyltransferase
maker-3-augustus-gene-11.0-mRNA-1	Japonica	NA		Os03g0123100	OsR498G0305147500.01.T04	UBC core domain-containing protein (Fragment)
maker-3-augustus-gene-11.12-mRNA-1	Japonica	Indica		Os03g0123500	OsR498G0305149500.01.T01	Transcription factor HD1
maker-3-augustus-gene-11.17-mRNA-1	Japonica	NA		Os03g0123800	OsR498G0305150500.01.T01	MENTAL domain-containing protein
maker-3-augustus-gene-11.19-mRNA-1	Japonica	NA		Os03g0124000	OsR498G0305151300.01.T01	Associated with HOX family protein, expressed
maker-3-augustus-gene-11.21-mRNA-1	Japonica	Japonica		Os03g0122600	OsR498G1019100900.01.T01	K-box domain-containing protein (Fragment)
maker-3-augustus-gene-11.22-mRNA-1	Japonica	Japonica		Os03g0122600	OsR498G1019100900.01.T03	MADS box transcription factor 5
maker-3-augustus-gene-11.29-mRNA-1	Japonica	NA		Os03g0123600	OsR498G0305149800.01.T01	Putative diphthine synthase-like
maker-3-augustus-gene-11.4-mRNA-1	Japonica	NA		Os03g0123200	OsR498G0305147700.01.T01	Phragmoplastin interacting protein 1
maker-3-augustus-gene-11.8-mRNA-1	Japonica	NA		Os03g0123300	OsR498G0305148100.01.T03	Cell division cycle 20-like protein 1, cofactor of APC complex
maker-3-augustus-gene-110.0-mRNA-1	Japonica	NA		Os03g0313600	OsR498G0305813300.01.T03	Adenylosuccinate lyase
maker-3-augustus-gene-110.13-mRNA-1	Japonica	NA		Os03g0314700	OsR498G0305816700.01.T01	NifU-like protein 1 chloroplastic
maker-3-augustus-gene-110.16-mRNA-1	Japonica	NA		Os03g0313800		
maker-3-augustus-gene-110.18-mRNA-1	Japonica	NA		Os03g0314200	OsR498G0305815000.01.T03	Protein REDUCED WALL ACETYLTATION 3 isoform A
maker-3-augustus-gene-110.25-mRNA-1	Japonica	NA		Os03g0314800	OsR498G0305817600.01.T02	Alkaline/neutral invertase
maker-3-augustus-gene-110.5-mRNA-1	Japonica	Indica		Os03g0314100	OsR498G0305814700.01.T03	RNA helicase
maker-3-augustus-gene-111.0-mRNA-1	Japonica	NA		Os03g0316200	OsR498G0305823100.01.T01	Hexosyltransferase
maker-3-augustus-gene-111.11-mRNA-1	Japonica	NA		Os03g0315800	OsR498G0305822400.01.T01	Tex protein-relatedtranscription accessory protein, putative
maker-3-augustus-gene-111.3-mRNA-1	Japonica	NA		Os03g0316900	OsR498G0305824900.01.T01	Non-intrinsic abc protein 9
maker-3-augustus-gene-111.6-mRNA-1	Japonica	NA		Os03g0317000	OsR498G0305825100.01.T04	YTH domain-containing family protein 2
maker-3-augustus-gene-111.9-mRNA-1	Japonica	NA		Os03g0315400	OsR498G0305819800.01.T01	Myb domain protein 78
maker-3-augustus-gene-112.30-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-3-augustus-gene-112.32-mRNA-1	Japonica	NA		Os03g0318500	OsR498G0305829400.01.T05	Glucose-6-phosphate 1-dehydrogenase
maker-3-augustus-gene-112.35-mRNA-1	Japonica	NA		Os03g0318600	OsR498G0305829600.01.T04	BZIP transcription factor
maker-3-augustus-gene-113.26-mRNA-1	Japonica	Indica		Os07g0687300	OsR498G0305831100.01.T01	5'-AMP-activated protein kinase beta-2 subunit protein isoform 1
maker-3-augustus-gene-113.30-mRNA-1	Japonica	NA			OsR498G0305831500.01.T01	ESX-1 secretion-associated protein EspI-like
maker-3-augustus-gene-113.32-mRNA-1	Japonica	NA		Os03g0319300	OsR498G0305832300.01.T01	Calmodulin
maker-3-augustus-gene-113.34-mRNA-1	Japonica	NA		Os03g0320400	OsR498G0305835500.01.T01	
maker-3-augustus-gene-113.36-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0305838900.01.T01	Putative inactive receptor kinase
maker-3-augustus-gene-113.42-mRNA-1	Japonica	NA		Os03g0321000	OsR498G0305839700.01.T01	Membrane steroid-binding protein 2
maker-3-augustus-gene-113.44-mRNA-1	Japonica	NA	Kinase-TM	Os03g0319400	OsR498G0305833000.01.T03	CBL-interacting protein kinase
maker-3-augustus-gene-113.54-mRNA-1	Japonica	NA		Os03g0320000	OsR498G0305835000.01.T01	Aquaporin SIP
maker-3-augustus-gene-113.56-mRNA-1	Japonica	NA			OsR498G0305835200.01.T01	Non-reducing end alpha-L-arabinofuranosidase
maker-3-augustus-gene-114.0-mRNA-1	Japonica	NA		Os03g0321700	OsR498G0305844700.01.T01	WRKY DNA binding domain containing protein, expressed
maker-3-augustus-gene-114.14-mRNA-1	Japonica	NA		Os03g0322600	OsR498G0305846700.01.T03	HIT domain-containing protein
maker-3-augustus-gene-114.16-mRNA-1	Japonica	NA		Os03g0322800	OsR498G0305847900.01.T01	ELMO domain-containing protein A
maker-3-augustus-gene-114.2-mRNA-1	Japonica	Japonica		Os03g0321900	OsR498G0305845100.01.T03	tRNA-specific adenosine deaminase
maker-3-augustus-gene-114.20-mRNA-1	Japonica	Indica		Os04g0455900	OsR498G0305842400.01.T03	Serologically defined breast cancer antigen NY-BR-84
maker-3-augustus-gene-114.26-mRNA-1	Japonica	NA		Os03g0321500	OsR498G0305842800.01.T02	DUF632 domain-containing protein
maker-3-augustus-gene-114.30-mRNA-1	Japonica	Indica		Os07g0686400	OsR498G0305845600.01.T01	Centromere protein-like
maker-3-augustus-gene-114.33-mRNA-1	Japonica	Indica		Os07g0686100	OsR498G0305847200.01.T01	ABSCISIC ACID-INSENSITIVE 5-like protein 2 isoform D
maker-3-augustus-gene-114.7-mRNA-1	Japonica	NA		Os03g0322500	OsR498G0305846500.01.T01	14 kDa zinc-binding protein, putative, expressed
maker-3-augustus-gene-117.30-mRNA-1	Japonica	NA			OsR498G0305067900.01.T05	tRNA/rRNA methyltransferase (SpoU) family protein
maker-3-augustus-gene-117.37-mRNA-1	Japonica	NA		Os03g0100800	OsR498G0305068300.01.T03	Plasma membrane ATPase
maker-3-augustus-gene-118.36-mRNA-1	Japonica	Indica		Os08g0155400	OsR498G0305075700.01.T01	Solute carrier family 15 (Peptide/histidine transporter), member 3/4
maker-3-augustus-gene-118.38-mRNA-1	Japonica	NA		Os03g0103800	OsR498G0305081700.01.T01	
maker-3-augustus-gene-118.40-mRNA-1	Japonica	NA				PPM-type phosphatase domain-containing protein
maker-3-augustus-gene-119.0-mRNA-1	Japonica	NA		Os10g0557600	OsR498G1019180300.01.T04	GATA transcription factor
maker-3-augustus-gene-12.0-mRNA-1	Japonica	NA		Os03g0124100	OsR498G0305151500.01.T01	Beta-1,3-N-acetylglucosaminyltransferase lunatic fringe
maker-3-augustus-gene-12.14-mRNA-1	Japonica	NA				Sphingoid long-chain bases kinase
maker-3-augustus-gene-12.18-mRNA-1	Japonica	Indica	Kinase-TM	Os10g0533150	OsR498G0305155100.01.T01	probable serine/threonine-protein kinase At1g01540
maker-3-augustus-gene-12.23-mRNA-1	Japonica	NA		Os03g0125800	OsR498G0305156500.01.T01	Metal transporter CNNM
maker-3-augustus-gene-12.3-mRNA-1	Japonica	NA		Os03g0124500	OsR498G0305152300.01.T01	PORR domain-containing protein
maker-3-augustus-gene-12.31-mRNA-1	Japonica	NA		Os03g0125900	OsR498G0305156900.01.T01	

maker-3-augustus-gene-12.33-mRNA-1	Japonica	NA		Os03g0125000	OsR498G0305153600.01.T01	50S ribosomal protein L5, chloroplastic
maker-3-augustus-gene-12.35-mRNA-1	Japonica	Japonica		Os03g0125100	OsR498G0305153800.01.T01	Beta-carotene 3-hydroxylase
maker-3-augustus-gene-12.39-mRNA-1	Japonica	NA		Os03g0125700	OsR498G0305155800.01.T02	Cleavage and polyadenylation specificity factor subunit 1
maker-3-augustus-gene-12.44-mRNA-1	Japonica	NA		Os03g0126000	OsR498G0305157200.01.T02	Anthrnilate phosphoribosyltransferase
maker-3-augustus-gene-12.49-mRNA-1	Japonica	Indica		Os03g0126100	OsR498G0305157400.01.T03	C-terminal binding protein AN
maker-3-augustus-gene-12.5-mRNA-1	Japonica	NA		Os03g0124900	OsR498G0305153300.01.T01	Polygalacturonase
maker-3-augustus-gene-12.9-mRNA-1	Japonica	NA		Os03g0125300	OsR498G0305154500.01.T01	G patch domain-containing protein 4 isoform X2
maker-3-augustus-gene-120.4-mRNA-1	Japonica	NA		Os10g0558200	OsR498G1019184400.01.T01	S-norocclaurine synthase 1-like isoform X2
maker-3-augustus-gene-121.0-mRNA-1	Japonica	NA			OsR498G1019194100.01.T01	Sphingomyelin phosphodiesterase like
maker-3-augustus-gene-121.22-mRNA-1	Japonica	NA		Os01g0200000	OsR498G0100350800.01.T02	Autophagy-related protein 3
maker-3-augustus-gene-125.11-mRNA-1	Japonica	NA		Os10g0569000	OsR498G1019225700.01.T02	
maker-3-augustus-gene-125.25-mRNA-1	Japonica	NA			OsR498G1019222000.01.T01	Transposon protein, putative, Pong sub-class
maker-3-augustus-gene-125.27-mRNA-1	Japonica	NA		Os10g0567800	OsR498G1019222200.01.T02	Dynamin-related protein 1E
maker-3-augustus-gene-125.36-mRNA-1	Japonica	NA			OsR498G1019223000.01.T05	DUF295 domain-containing protein
maker-3-augustus-gene-125.37-mRNA-1	Japonica	NA		Os10g0568300	OsR498G1019223400.01.T01	VAN3-binding protein-like
maker-3-augustus-gene-125.41-mRNA-1	Japonica	NA	LRR-NBS-TM	Os10g0568600	OsR498G1019224400.01.T01	NB-ARC domain-containing protein (Fragment)
maker-3-augustus-gene-125.43-mRNA-1	Japonica	NA		Os10g0569100	OsR498G1019226000.01.T01	PIG-P domain-containing protein
maker-3-augustus-gene-125.46-mRNA-1	Japonica	NA		Os10g0569200	OsR498G1019226200.01.T01	Eukaryotic translation initiation factor 3 subunit B
maker-3-augustus-gene-126.39-mRNA-1	Japonica	NA		Os10g0569300	OsR498G1019226300.01.T02	Methyltransferase
maker-3-augustus-gene-126.42-mRNA-1	Japonica	NA		Os10g0569500	OsR498G1019227700.01.T03	
maker-3-augustus-gene-126.46-mRNA-1	Japonica	NA		Os10g0571100	OsR498G1019231700.01.T02	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3
maker-3-augustus-gene-126.53-mRNA-1	Japonica	NA		Os10g0571200	OsR498G1019231900.01.T01	Pyruvate kinase
maker-3-augustus-gene-126.57-mRNA-1	Japonica	NA	Kinase-TM	Os10g0571300	OsR498G1019232500.01.T01	probable serine/threonine-protein kinase At4g35230
maker-3-augustus-gene-126.61-mRNA-1	Japonica	NA			OsR498G1019231600.01.T03	
maker-3-augustus-gene-127.33-mRNA-1	Japonica	NA		Os10g0572000	OsR498G1019234700.01.T01	G domain-containing protein (Fragment)
maker-3-augustus-gene-127.37-mRNA-1	Japonica	NA	CC-LRR	Os10g0572300	OsR498G1019235500.01.T03	Plant intracellular Ras-group-related LRR protein 5
maker-3-augustus-gene-127.39-mRNA-1	Japonica	NA		Os10g0573000	OsR498G1019238100.01.T01	PfkB-like carbohydrate kinase family protein isoform 1
maker-3-augustus-gene-127.43-mRNA-1	Japonica	NA		Os10g0573100	OsR498G1019238300.01.T05	AMMECR1 domain-containing protein
maker-3-augustus-gene-127.48-mRNA-1	Japonica	NA		Os10g0572100	OsR498G1019235000.01.T01	Aluminum-activated malate transporter like
maker-3-augustus-gene-127.50-mRNA-1	Japonica	NA			OsR498G1019236000.01.T03	RING/FYVE/PHD zinc finger superfamily protein
maker-3-augustus-gene-127.60-mRNA-1	Japonica	NA		Os12g0264500	OsR498G1221246300.01.T05	Enoyl-CoA hydratase/isomerase, HIBYL-CoA-H type
maker-3-augustus-gene-127.72-mRNA-1	Japonica	NA			OsR498G1019237200.01.T02	AT-hook motif nuclear-localized protein (Fragment)
maker-3-augustus-gene-128.0-mRNA-1	Japonica	NA		Os10g0573700	OsR498G1019239600.01.T04	Mitochondrial substrate/solute carrier
maker-3-augustus-gene-128.2-mRNA-1	Japonica	NA		Os10g0574500	OsR498G1019241600.01.T02	Replication factor C subunit
maker-3-augustus-gene-128.6-mRNA-1	Japonica	NA		Os10g0574700	OsR498G1019242000.01.T01	PLATZ transcription factor
maker-3-augustus-gene-128.9-mRNA-1	Japonica	NA		Os10g0574800	OsR498G1019243200.01.T01	ADP-ribosylation factor GTPase-activating protein AGD8
maker-3-augustus-gene-129.34-mRNA-1	Japonica	NA		Os10g0575700	OsR498G1019246300.01.T03	plastoglobulin-1, chloroplastic
maker-3-augustus-gene-129.37-mRNA-1	Japonica	NA			OsR498G1019246900.01.T01	
maker-3-augustus-gene-129.39-mRNA-1	Japonica	NA			OsR498G1019247300.01.T02	NADH dehydrogenase ubiquinone 1 beta subcomplex subunit 10-B
maker-3-augustus-gene-129.41-mRNA-1	Japonica	NA		Os10g0575200	OsR498G1019244400.01.T01	DnaJ homolog subfamily C member 13
maker-3-augustus-gene-129.45-mRNA-1	Japonica	NA		Os10g0575600	OsR498G1019245800.01.T02	Homeobox-leucine zipper protein ROC3
maker-3-augustus-gene-129.47-mRNA-1	Japonica	NA		Os10g0575800	OsR498G1019246600.01.T02	ARM repeat superfamily protein isoform 2
maker-3-augustus-gene-129.52-mRNA-1	Japonica	NA		Os10g0576600	OsR498G1019249000.01.T01	Tetratricopeptide repeat-containing domain
maker-3-augustus-gene-13.0-mRNA-1	Japonica	Japonica		Os03g0126700	OsR498G0305158100.01.T02	Heavy metal-associated domain containing protein, expressed
maker-3-augustus-gene-13.1-mRNA-1	Japonica	Japonica		Os03g0126700	OsR498G0305158100.01.T02	Heavy metal-associated domain containing protein, expressed
maker-3-augustus-gene-13.11-mRNA-1	Japonica	NA			OsR498G0305161700.01.T02	Hydroxyproline-rich glycoprotein family protein
maker-3-augustus-gene-13.13-mRNA-1	Japonica	Japonica		Os03g0126300	OsR498G0305157800.01.T02	C-terminal binding protein AN
maker-3-augustus-gene-13.17-mRNA-1	Japonica	Indica	Kinase-TM	Os11g0134300	OsR498G0305158600.01.T04	Non-specific serine/threonine protein kinase
maker-3-augustus-gene-13.23-mRNA-1	Japonica	Indica		Os03g0127000	OsR498G0305159200.01.T05	Cell growth defect factor 2
maker-3-augustus-gene-13.26-mRNA-1	Japonica	Japonica		Os03g0127200	OsR498G1019087100.01.T01	NAC domain class transcription factor
maker-3-augustus-gene-13.28-mRNA-1	Japonica	NA		Os03g0127600	OsR498G0305161400.01.T02	FHA-transcription factor 1
maker-3-augustus-gene-13.34-mRNA-1	Japonica	NA				Potassium efflux antiporter
maker-3-augustus-gene-13.40-mRNA-1	Japonica	NA			OsR498G0305163200.01.T04	Callose synthase 3
maker-3-augustus-gene-13.6-mRNA-1	Japonica	Japonica		Os03g0127500	OsR498G0305161100.01.T01	BZIP-type transcription factor (Fragment)
maker-3-augustus-gene-13.9-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os03g0127700	OsR498G0305161700.01.T01	Leucine-rich repeat transmembrane protein kinase, putative, expressed
maker-3-augustus-gene-130.32-mRNA-1	Japonica	NA		Os10g0576900	OsR498G1019249900.01.T01	Cinnamoyl-CoA reductase-like protein SNL6
maker-3-augustus-gene-130.34-mRNA-1	Japonica	NA				Lysine-specific demethylase REF6
maker-3-augustus-gene-130.37-mRNA-1	Japonica	NA		Os10g0577700	OsR498G1019253500.01.T01	CS domain-containing protein (Fragment)
maker-3-augustus-gene-130.40-mRNA-1	Japonica	NA		Os10g0577900	OsR498G1019253900.01.T07	Glycerol-3-phosphate acyltransferase, chloroplastic
maker-3-augustus-gene-130.46-mRNA-1	Japonica	NA		Os10g0578000	OsR498G1019254100.01.T01	Hepatocyte growth factor-regulated tyrosine kinase substrate-like protein
maker-3-augustus-gene-130.48-mRNA-1	Japonica	NA		Os10g0577000	OsR498G1019250200.01.T02	RAP annotation release 2, NERD domain protein

maker-3-augustus-gene-130.53-mRNA-1	Japonica	NA		Os10g0577400	OsR498G1019251400.01.T01	Chalcone-flavanone isomerase family protein, putative isoform 1
maker-3-augustus-gene-130.55-mRNA-1	Japonica	NA		Os10g0577500	OsR498G1019251600.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-3-augustus-gene-130.58-mRNA-1	Japonica	NA		Os10g0577800	OsR498G1019253800.01.T01	PARP catalytic domain-containing protein
maker-3-augustus-gene-131.42-mRNA-1	Japonica	NA		Os10g0579400	OsR498G1019256300.01.T02	WRKY DNA binding domain containing protein, expressed
maker-3-augustus-gene-131.44-mRNA-1	Japonica	NA		Os10g0579600	OsR498G1019256700.01.T01	POT family protein, expressed
maker-3-augustus-gene-131.49-mRNA-1	Japonica	NA		Os10g0579800	OsR498G1019258300.01.T01	POT family protein, expressed
maker-3-augustus-gene-131.54-mRNA-1	Japonica	NA		Os10g0580200	OsR498G1019259300.01.T05	ADP-ribosylation factor B1B
maker-3-augustus-gene-131.60-mRNA-1	Japonica	NA		Os10g0580400	OsR498G1019260300.01.T01	Urea-proton symporter like
maker-3-augustus-gene-131.62-mRNA-1	Japonica	NA		Os10g0578300	OsR498G0102411000.01.T05	
maker-3-augustus-gene-131.64-mRNA-1	Japonica	NA				LrgB-like family protein, expressed
maker-3-augustus-gene-131.70-mRNA-1	Japonica	NA		Os10g0578900	OsR498G1019255400.01.T01	Phosphorylcholine transferase/cholinephosphate cytidyltransferase
maker-3-augustus-gene-131.72-mRNA-1	Japonica	NA		Os10g0578950	OsR498G1019255600.01.T01	4-coumarate--CoA ligase-like protein 6
maker-3-augustus-gene-131.75-mRNA-1	Japonica	NA		Os10g0579100	OsR498G1019255800.01.T01	Calcium-dependent channel
maker-3-augustus-gene-131.80-mRNA-1	Japonica	NA		Os10g0579200	OsR498G1019256000.01.T01	D-xylose-proton symporter-like 2
maker-3-augustus-gene-131.85-mRNA-1	Japonica	NA		Os10g0579300	OsR498G1019256200.01.T02	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12
maker-3-augustus-gene-131.88-mRNA-1	Japonica	NA		Os10g0579500	OsR498G1019256600.01.T01	Ribosomal protein L35 containing protein, expressed
maker-3-augustus-gene-131.90-mRNA-1	Japonica	NA	Kinase-TM			Cyclin-dependent kinase E
maker-3-augustus-gene-132.39-mRNA-1	Japonica	NA		Os10g0580700	OsR498G1019262100.01.T01	tankyrase
maker-3-augustus-gene-132.41-mRNA-1	Japonica	NA		Os10g0580800	OsR498G1019262500.01.T01	ATP-dependent Clp protease proteolytic subunit
maker-3-augustus-gene-132.50-mRNA-1	Japonica	NA		Os10g0580500	OsR498G1019260600.01.T03	Essential protein Yae1 N-terminal
maker-3-augustus-gene-132.52-mRNA-1	Japonica	NA		Os07g0633000	OsR498G1019262000.01.T01	
maker-3-augustus-gene-132.54-mRNA-1	Japonica	NA		Os10g0580900	OsR498G1019262800.01.T01	Pseudouridine synthase, RsuA/RluB/C/D/E/F
maker-3-augustus-gene-132.58-mRNA-1	Japonica	NA		Os10g0581000	OsR498G1019263000.01.T04	
maker-3-augustus-gene-132.60-mRNA-1	Japonica	NA		Os04g0218600	OsR498G1019263000.01.T06	Expressed protein (Fragment)
maker-3-augustus-gene-132.64-mRNA-1	Japonica	NA			OsR498G1019263400.01.T03	Methyltransferase
maker-3-augustus-gene-132.67-mRNA-1	Japonica	NA			OsR498G1019264200.01.T05	Glycosyltransferase-like KOBITO 1
maker-3-augustus-gene-133.0-mRNA-1	Japonica	NA		Os10g0527400	OsR498G1019075300.01.T01	Glutathione S-transferase, N-terminal domain containing protein, expressed
maker-3-augustus-gene-133.2-mRNA-1	Japonica	NA		Os10g0527800	OsR498G1019075900.01.T01	Glutathione S-transferase, N-terminal domain containing protein, expressed
maker-3-augustus-gene-134.167-mRNA-1	Japonica	NA		Os10g0530400	OsR498G1019083000.01.T01	Glutathione-S-transferase Cla47
maker-3-augustus-gene-134.68-mRNA-1	Japonica	NA		Os10g0528200	OsR498G1019078900.01.T01	Glutathione S-transferase, N-terminal domain containing protein, expressed
maker-3-augustus-gene-134.69-mRNA-1	Japonica	NA		Os10g0528300	OsR498G1019079100.01.T01	Glutathione S-transferase GSTU6
maker-3-augustus-gene-134.70-mRNA-1	Japonica	NA		Os10g0529300	OsR498G1019080300.01.T01	Glutathione S-transferase, N-terminal domain containing protein, expressed
maker-3-augustus-gene-134.71-mRNA-1	Japonica	NA		Os10g0529700	OsR498G1019080500.01.T01	Glutathione S-transferase U16
maker-3-augustus-gene-134.72-mRNA-1	Japonica	NA		Os10g0529500	OsR498G1019080700.01.T01	Glutathione S-transferase 1
maker-3-augustus-gene-134.73-mRNA-1	Japonica	NA		Os10g0529700	OsR498G1019080900.01.T01	Glutathione S-transferase U16
maker-3-augustus-gene-134.74-mRNA-1	Japonica	NA		Os10g0529800	OsR498G1019081700.01.T01	Glutathione S-transferase
maker-3-augustus-gene-134.75-mRNA-1	Japonica	NA		Os10g0529900	OsR498G1019081700.01.T01	Glutathione S-transferase (Fragment)
maker-3-augustus-gene-134.76-mRNA-1	Japonica	NA		Os10g0530200	OsR498G1019082500.01.T01	Glutathione-S-transferase 2
maker-3-augustus-gene-135.28-mRNA-1	Japonica	NA		Os10g0532100	OsR498G1019087300.01.T01	SWIRM domain-containing protein (Fragment)
maker-3-augustus-gene-135.31-mRNA-1	Japonica	NA		Os10g0533000	OsR498G1019091500.01.T04	C-terminal binding protein AN
maker-3-augustus-gene-135.36-mRNA-1	Japonica	NA		Os10g0533500	OsR498G1019092700.01.T01	Aldehyde oxygenase (deformylating)
maker-3-augustus-gene-135.40-mRNA-1	Japonica	NA	Kinase	Os10g0533600	OsR498G1019094300.01.T01	Mitogen-activated protein kinase
maker-3-augustus-gene-135.42-mRNA-1	Japonica	NA		Os10g0532200	OsR498G1019087800.01.T01	Lysophospholipase BODYGUARD 3 like
maker-3-augustus-gene-135.46-mRNA-1	Japonica	Japonica	Kinase-TM	Os10g0533150	OsR498G0305155100.01.T01	Protein kinase domain containing protein, expressed
maker-3-augustus-gene-136.31-mRNA-1	Japonica	NA		Os10g0533900	OsR498G1019094700.01.T02	DUF862 domain-containing protein (Fragment)
maker-3-augustus-gene-136.34-mRNA-1	Japonica	NA			OsR498G1019097500.01.T01	
maker-3-augustus-gene-136.36-mRNA-1	Japonica	NA		Os10g0535800	OsR498G1019100000.01.T01	
maker-3-augustus-gene-136.41-mRNA-1	Japonica	NA		Os01g0274500	OsR498G1019099800.01.T01	Expansin
maker-3-augustus-gene-136.43-mRNA-1	Japonica	NA		Os10g0534100	OsR498G1019095000.01.T02	
maker-3-augustus-gene-136.46-mRNA-1	Japonica	NA		Os10g0534400	OsR498G1019095400.01.T01	Putative membrane-associated kinase regulator 6
maker-3-augustus-gene-136.48-mRNA-1	Japonica	NA		Os10g0534700	OsR498G1019096200.01.T01	Beta-1,3-N-acetylglucosaminyltransferase lunatic fringe
maker-3-augustus-gene-136.50-mRNA-1	Japonica	NA		Os10g0534900	OsR498G1019096600.01.T01	Associated with HOX family protein, expressed
maker-3-augustus-gene-136.54-mRNA-1	Japonica	NA		Os10g0535600	OsR498G1019100500.01.T01	MENTAL domain-containing protein
maker-3-augustus-gene-136.56-mRNA-1	Japonica	NA		Os10g0536000	OsR498G1019099500.01.T01	SUMO-conjugating protein SCE1
maker-3-augustus-gene-137.32-mRNA-1	Japonica	NA		Os10g0536100	OsR498G1019100900.01.T01	MADS-box transcription factor
maker-3-augustus-gene-137.35-mRNA-1	Japonica	Indica		Os03g0122300	OsR498G1019102500.01.T01	Flavanone 3-dioxygenase 2
maker-3-augustus-gene-137.40-mRNA-1	Japonica	NA		Os10g0536500	OsR498G1019102900.01.T01	Thylakoid membrane phosphoprotein 14 kDa
maker-3-augustus-gene-137.44-mRNA-1	Japonica	NA		Os10g0536600	OsR498G1019103100.01.T01	Peroxidase
maker-3-augustus-gene-137.46-mRNA-1	Japonica	NA		Os10g0536700	OsR498G1019103900.01.T01	Peroxidase
maker-3-augustus-gene-137.48-mRNA-1	Japonica	Indica		Os03g0120400	OsR498G1019105300.01.T01	Heavy metal-associated isoprenylated plant protein 30
maker-3-augustus-gene-137.50-mRNA-1	Japonica	NA		Os10g0537500	OsR498G1019105700.01.T01	Tobamovirus multiplication protein like

maker-3-augustus-gene-137.55-mRNA-1	Japonica	NA		Os10g0537300	OsR498G1019105200.01.T01	
maker-3-augustus-gene-137.60-mRNA-1	Japonica	NA		Os10g0537600	OsR498G1019106000.01.T03	Putative P-loop containing nucleoside triphosphate hydrolase
maker-3-augustus-gene-138.0-mRNA-1	Japonica	NA	Kinase-TM	Os10g0539600	OsR498G1019112100.01.T04	Calcium-dependent protein kinase isoform 1
maker-3-augustus-gene-138.4-mRNA-1	Japonica	NA		Os10g0539900	OsR498G1019114700.01.T01	Monosaccharide-sensing protein 2
maker-3-augustus-gene-139.34-mRNA-1	Japonica	NA			OsR498G1019117300.01.T03	
maker-3-augustus-gene-139.40-mRNA-1	Japonica	NA		Os10g0541200	OsR498G1019118900.01.T01	PPM-type phosphatase domain-containing protein
maker-3-augustus-gene-139.43-mRNA-1	Japonica	NA		Os10g0541000	OsR498G1019118600.01.T03	
maker-3-augustus-gene-139.50-mRNA-1	Japonica	NA				HTH myb-type domain-containing protein
maker-3-augustus-gene-139.52-mRNA-1	Japonica	NA			OsR498G1019119800.01.T01	Carboxypeptidase
maker-3-augustus-gene-14.0-mRNA-1	Japonica	NA	Kinase-TM	Os03g0128700	OsR498G0305164700.01.T02	Calcium-dependent protein kinase
maker-3-augustus-gene-14.15-mRNA-1	Japonica	NA		Os03g0128300	OsR498G0305163600.01.T01	
maker-3-augustus-gene-14.17-mRNA-1	Japonica	NA		Os03g0128500	OsR498G0305164000.01.T02	DNA polymerase delta small subunit like
maker-3-augustus-gene-14.22-mRNA-1	Japonica	NA		Os03g0128800	OsR498G0305165000.01.T02	Putative acetyl-ornithine/Acetyl-lysine deacetylase
maker-3-augustus-gene-14.24-mRNA-1	Japonica	NA		Os03g0129100	OsR498G0305166000.01.T01	
maker-3-augustus-gene-14.29-mRNA-1	Japonica	Indica		Os03g0129200	OsR498G0305166600.01.T03	Exosome complex exonuclease RRP44 A
maker-3-augustus-gene-14.34-mRNA-1	Japonica	NA		Os03g0129350	OsR498G0305167400.01.T01	Glycosyltransferase
maker-3-augustus-gene-14.37-mRNA-1	Japonica	Japonica		Os03g0129800	OsR498G0305167800.01.T01	HTH myb-type domain-containing protein
maker-3-augustus-gene-14.6-mRNA-1	Japonica	NA		Os03g0129000	OsR498G0305165700.01.T04	Phosphatidylinositol-glycan biosynthesis class F protein
maker-3-augustus-gene-140.0-mRNA-1	Japonica	NA		Os10g0542100	OsR498G1019122100.01.T01	EC protein III
maker-3-augustus-gene-140.10-mRNA-1	Japonica	NA		Os10g0542900	OsR498G1019125300.01.T01	Acidic endochitinase Q
maker-3-augustus-gene-140.15-mRNA-1	Japonica	NA		Os10g0543500	OsR498G1019125700.01.T01	Strictosidine synthase
maker-3-augustus-gene-140.18-mRNA-1	Japonica	NA		Os10g0544500	OsR498G1019128500.01.T01	DDB1-and CUL4-associated factor
maker-3-augustus-gene-140.2-mRNA-1	Japonica	NA		Os10g0542400	OsR498G1019123300.01.T01	
maker-3-augustus-gene-140.21-mRNA-1	Japonica	NA		Os10g0542200	OsR498G1019122600.01.T02	Ubiquitin family protein, expressed
maker-3-augustus-gene-140.25-mRNA-1	Japonica	NA		Os10g0561800	OsR498G1019126000.01.T01	Homeobox-leucine zipper protein ATHB-4
maker-3-augustus-gene-140.27-mRNA-1	Japonica	NA		Os10g0543800	OsR498G1019126800.01.T01	Glutathione transferase11
maker-3-augustus-gene-140.29-mRNA-1	Japonica	NA		Os10g0544200	OsR498G1019128000.01.T01	Transcription factor bHLH93 like
maker-3-augustus-gene-140.5-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0132800	OsR498G1019125100.01.T01	Serine/threonine-protein kinase BSK1-2
maker-3-augustus-gene-141.40-mRNA-1	Japonica	NA		Os10g0544600	OsR498G1019131100.01.T02	NEP1-interacting protein 1 isoform A
maker-3-augustus-gene-141.43-mRNA-1	Japonica	NA		Os10g0544900	OsR498G1019131700.01.T01	Protein-serine/threonine phosphatase
maker-3-augustus-gene-141.46-mRNA-1	Japonica	NA		Os10g0545100	OsR498G1019132300.01.T01	Vacuolar acid trehalase
maker-3-augustus-gene-141.51-mRNA-1	Japonica	NA		Os10g0545200	OsR498G1019133100.01.T01	Aldehyde oxygenase (deformylating)
maker-3-augustus-gene-141.54-mRNA-1	Japonica	NA		Os10g0545500	OsR498G1019133700.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-3-augustus-gene-141.57-mRNA-1	Japonica	NA		Os10g0545700	OsR498G1019134100.01.T01	Rhodanese domain-containing protein (Fragment)
maker-3-augustus-gene-141.60-mRNA-1	Japonica	NA		Os10g0546100	OsR498G1019134900.01.T01	Pistil-specific extensin-like protein
maker-3-augustus-gene-141.62-mRNA-1	Japonica	NA				UDP-Glycosyltransferase superfamily protein
maker-3-augustus-gene-141.68-mRNA-1	Japonica	NA		Os10g0546300	OsR498G1019135500.01.T03	Syndetin like
maker-3-augustus-gene-141.72-mRNA-1	Japonica	NA		Os10g0545000	OsR498G1019132200.01.T01	Magnesium transporter
maker-3-augustus-gene-141.76-mRNA-1	Japonica	NA		Os10g0545300	OsR498G1019133400.01.T01	Coiled-coil domain-containing protein 90B
maker-3-augustus-gene-141.78-mRNA-1	Japonica	NA			OsR498G1019134000.01.T01	E3 ubiquitin-protein ligase RFWD3
maker-3-augustus-gene-142.0-mRNA-1	Japonica	NA		Os10g0546600	OsR498G1019136700.01.T06	Carotene epsilon-ring hydroxylase
maker-3-augustus-gene-142.12-mRNA-1	Japonica	NA				Oxidoreductase, short chain dehydrogenase/reductase family protein, expressed
maker-3-augustus-gene-142.15-mRNA-1	Japonica	NA		Os10g0548000	OsR498G1019139800.01.T03	Oxidoreductase, short chain dehydrogenase/reductase family protein, expressed
maker-3-augustus-gene-142.18-mRNA-1	Japonica	NA		Os10g0548000	OsR498G1019140000.01.T05	Short-chain dehydrogenase TIC 32 chloroplastic
maker-3-augustus-gene-142.23-mRNA-1	Japonica	NA				Putative UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase
maker-3-augustus-gene-142.4-mRNA-1	Japonica	NA		Os10g0547500	OsR498G1019138700.01.T02	Silicon efflux transporter
maker-3-augustus-gene-142.6-mRNA-1	Japonica	NA		Os10g0548600	OsR498G1019140700.01.T01	Beta-expansin
maker-3-augustus-gene-142.8-mRNA-1	Japonica	NA		Os10g0547000	OsR498G1019137800.01.T01	C2 NT-type domain-containing protein
maker-3-augustus-gene-143.39-mRNA-1	Japonica	NA		Os05g0558400	OsR498G1019142700.01.T04	Branched-chain-amino-acid aminotransferase
maker-3-augustus-gene-143.40-mRNA-1	Japonica	NA		Os05g0558400	OsR498G1019142700.01.T02	Branched-chain-amino-acid aminotransferase
maker-3-augustus-gene-143.56-mRNA-1	Japonica	NA		Os10g0549850	OsR498G1019143900.01.T01	
maker-3-augustus-gene-143.57-mRNA-1	Japonica	NA		Os10g0549850		
maker-3-augustus-gene-143.72-mRNA-1	Japonica	NA	CC-Kinase-TM	Os10g0548700	OsR498G1019141000.01.T03	E3 ubiquitin ligase
maker-3-augustus-gene-143.78-mRNA-1	Japonica	NA		Os10g0548850	OsR498G1019141800.01.T01	E3 ubiquitin ligase
maker-3-augustus-gene-143.82-mRNA-1	Japonica	NA		Os10g0548900	OsR498G1019142000.01.T03	UDP-N-acetylmuramoyl-L-alanyl-D-glutamate--2,6-diaminopimelate ligase M
maker-3-augustus-gene-143.85-mRNA-1	Japonica	NA		Os10g0549100	OsR498G1019142200.01.T01	Vesicle-associated protein 2-1
maker-3-augustus-gene-143.86-mRNA-1	Japonica	NA				Vesicle-associated protein 2-1
maker-3-augustus-gene-144.46-mRNA-1	Japonica	Indica		Os03g0105800	OsR498G1019147700.01.T04	PPC domain-containing protein
maker-3-augustus-gene-144.50-mRNA-1	Japonica	NA		Os10g0551600	OsR498G1019151700.01.T03	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8 mitochond
maker-3-augustus-gene-144.54-mRNA-1	Japonica	NA		Os10g0550300	OsR498G1019146000.01.T01	Plant specific Rop nucleotide exchanger , PRONE
maker-3-augustus-gene-144.56-mRNA-1	Japonica	NA			OsR498G1019147200.01.T02	Pectin acetylsterase

maker-3-augustus-gene-144.60-mRNA-1	Japonica	NA			OsR498G1222155600.01.T01	UDP-glucose-fructose-phosphate glucosyltransferase
maker-3-augustus-gene-145.40-mRNA-1	Japonica	NA		Os10g0552400	OsR498G1019155100.01.T01	E3 ubiquitin ligase
maker-3-augustus-gene-145.43-mRNA-1	Japonica	NA		Os10g0553900	OsR498G1019160100.01.T02	
maker-3-augustus-gene-145.45-mRNA-1	Japonica	NA			OsR498G1019161700.01.T03	Oxysterol-binding protein-related protein 2A
maker-3-augustus-gene-145.52-mRNA-1	Japonica	NA		Os10g0552900	OsR498G1019158000.01.T02	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial
maker-3-augustus-gene-145.57-mRNA-1	Japonica	NA		Os10g0553300	OsR498G1019158200.01.T01	Trehalose 6-phosphate phosphatase
maker-3-augustus-gene-145.60-mRNA-1	Japonica	NA		Os10g0553800	OsR498G1019159800.01.T05	Flavin-containing monooxygenase
maker-3-augustus-gene-145.64-mRNA-1	Japonica	NA		Os10g0554200	OsR498G1019162400.01.T01	Nitrate/chlorate transporter, putative, expressed
maker-3-augustus-gene-146.0-mRNA-1	Japonica	NA		Os10g0555100	OsR498G1019166100.01.T01	Glucuronosyltransferase
maker-3-augustus-gene-146.10-mRNA-1	Japonica	NA		Os10g0554900	OsR498G1019164800.01.T01	QWRF motif-containing protein 7
maker-3-augustus-gene-146.13-mRNA-1	Japonica	NA		Os10g0555200	OsR498G1019166400.01.T01	YqgFc domain-containing protein (Fragment)
maker-3-augustus-gene-146.7-mRNA-1	Japonica	NA		Os10g0554300	OsR498G1019163600.01.T02	Flavin-containing monooxygenase
maker-3-augustus-gene-148.9-mRNA-1	Japonica	NA		Os03g0323800	OsR498G0305852100.01.T02	Mitochondrial import receptor subunit TOM40-1, N-terminally processed lik
maker-3-augustus-gene-149.33-mRNA-1	Japonica	NA		Os03g0325200		
maker-3-augustus-gene-149.35-mRNA-1	Japonica	NA		Os03g0325500	OsR498G0305857300.01.T01	HTH myb-type domain-containing protein
maker-3-augustus-gene-149.39-mRNA-1	Japonica	NA			OsR498G0305859300.01.T01	QXW lectin repeat family protein
maker-3-augustus-gene-149.44-mRNA-1	Japonica	NA		Os03g0324800	OsR498G0305855200.01.T01	
maker-3-augustus-gene-149.48-mRNA-1	Japonica	Japonica		Os03g0325000	OsR498G0305856200.01.T01	Pyruvate kinase
maker-3-augustus-gene-149.51-mRNA-1	Japonica	NA		Os03g0325300		Transposon protein, putative, Mutator sub-class
maker-3-augustus-gene-149.54-mRNA-1	Japonica	NA				
maker-3-augustus-gene-149.56-mRNA-1	Japonica	Indica		Os01g0277600	OsR498G0305859800.01.T01	Phospholipid-transporting ATPase
maker-3-augustus-gene-149.60-mRNA-1	Japonica	NA		Os03g0326200	OsR498G0305860200.01.T01	Phospholipid-transporting ATPase
maker-3-augustus-gene-149.62-mRNA-1	Japonica	NA		Os03g0326300	OsR498G0305861000.01.T03	RING/U-box superfamily protein, putative isoform 1
maker-3-augustus-gene-15.0-mRNA-1	Japonica	NA		Os03g0130100	OsR498G0305169100.01.T01	Benzoate--CoA ligase, peroxisomal
maker-3-augustus-gene-15.13-mRNA-1	Japonica	NA	Kinase-TM	Os03g0130900	OsR498G0305172900.01.T01	Putative serine/threonine-protein kinase PBL21
maker-3-augustus-gene-15.2-mRNA-1	Japonica	NA		Os03g0130300	OsR498G0305170100.01.T01	Gamma-thionin/defensin
maker-3-augustus-gene-15.20-mRNA-1	Japonica	NA			OsR498G0305169600.01.T01	
maker-3-augustus-gene-15.21-mRNA-1	Japonica	NA		Os03g0130500	OsR498G0305170800.01.T01	EF hand family protein, expressed
maker-3-augustus-gene-15.27-mRNA-1	Japonica	NA		Os03g0130700	OsR498G0305172000.01.T02	AAA domain-containing protein
maker-3-augustus-gene-15.31-mRNA-1	Japonica	NA		Os03g0131100	OsR498G0305173400.01.T05	Truncated nodule inception protein
maker-3-augustus-gene-15.34-mRNA-1	Japonica	NA		Os03g0131200	OsR498G0305175000.01.T01	Chloroplast catalase
maker-3-augustus-gene-15.37-mRNA-1	Japonica	NA		Os03g0131300	OsR498G0305175200.01.T03	Ubiquitin family protein, expressed
maker-3-augustus-gene-15.4-mRNA-1	Japonica	NA		Os03g0130400	OsR498G0305170500.01.T01	Adenylate kinase
maker-3-augustus-gene-15.7-mRNA-1	Japonica	NA		Os03g0130800	OsR498G0305172300.01.T01	Bromo domain-containing protein (Fragment)
maker-3-augustus-gene-150.32-mRNA-1	Japonica	NA			OsR498G0305870500.01.T02	Guanine nucleotide exchange factor SPIKE 1
maker-3-augustus-gene-150.38-mRNA-1	Japonica	Indica		Os07g0684100	OsR498G0305862400.01.T01	Thioredoxin-like 1-1 chloroplastic
maker-3-augustus-gene-150.43-mRNA-1	Japonica	NA		Os03g0326600	OsR498G0305862600.01.T03	U11/U12 small nuclear ribonucleoprotein 65 kDa protein isoform X1
maker-3-augustus-gene-150.47-mRNA-1	Japonica	NA		Os03g0327100	OsR498G0305863600.01.T01	NAC transcription factor
maker-3-augustus-gene-150.49-mRNA-1	Japonica	NA		Os03g0327600	OsR498G0305865600.01.T01	Hydroxyproline-rich glycoprotein family protein
maker-3-augustus-gene-150.52-mRNA-1	Japonica	NA			OsR498G0305867600.01.T01	NAC domain transcription factor
maker-3-augustus-gene-151.0-mRNA-1	Japonica	NA			OsR498G0305871300.01.T01	GOLD domain-containing protein
maker-3-augustus-gene-151.10-mRNA-1	Japonica	NA		Os03g0328100	OsR498G0305870800.01.T01	O-fucosyltransferase family protein (Fragment)
maker-3-augustus-gene-151.16-mRNA-1	Japonica	Indica		Os07g0682800	OsR498G0305871600.01.T01	Apyrase
maker-3-augustus-gene-151.2-mRNA-1	Japonica	NA		Os03g0328900	OsR498G0305873500.01.T02	Zinc finger CCCH domain-containing protein 22
maker-3-augustus-gene-151.5-mRNA-1	Japonica	NA		Os03g0329200	OsR498G0305874500.01.T04	Zinc finger CCCH domain-containing protein 53
maker-3-augustus-gene-152.0-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0305877700.01.T01	probable leucine-rich repeat receptor-like protein kinase At5g49770
maker-3-augustus-gene-152.16-mRNA-1	Japonica	NA		Os03g0329500	OsR498G0305876600.01.T01	Endoglucanase
maker-3-augustus-gene-152.20-mRNA-1	Japonica	NA		Os03g0330000	OsR498G0305878200.01.T01	Hexosyltransferase
maker-3-augustus-gene-152.23-mRNA-1	Japonica	NA		Os03g0330300	OsR498G0305879600.01.T02	Serine/arginine repetitive matrix protein 1-like
maker-3-augustus-gene-152.30-mRNA-1	Japonica	NA		Os02g0791200	OsR498G0408232100.01.T01	Probable E3 ubiquitin-protein ligase XBOS32
maker-3-augustus-gene-152.5-mRNA-1	Japonica	NA		Os03g0329900	OsR498G0305877900.01.T01	HTH myb-type domain-containing protein
maker-3-augustus-gene-152.9-mRNA-1	Japonica	NA		Os03g0330200	OsR498G0305879300.01.T01	2,3-bisphosphoglycerate-independent phosphoglycerate mutase
maker-3-augustus-gene-153.0-mRNA-1	Japonica	Indica		Os03g0331600	OsR498G0305882100.01.T01	Pheophorbide a oxygenase family protein
maker-3-augustus-gene-153.13-mRNA-1	Japonica	NA		Os03g0332000	OsR498G0305884200.01.T02	Secologanin synthase
maker-3-augustus-gene-153.16-mRNA-1	Japonica	NA		Os03g0332100	OsR498G0305884210.01.T01	Secologanin synthase
maker-3-augustus-gene-153.18-mRNA-1	Japonica	NA		Os03g0332400	OsR498G0305886000.01.T02	Metallo-hydrolase/oxidoreductase superfamily protein (Fragment)
maker-3-augustus-gene-153.23-mRNA-1	Japonica	Indica		Os11g0220800	OsR498G0305886400.01.T01	60S ribosomal protein L10 isoform B
maker-3-augustus-gene-153.25-mRNA-1	Japonica	Indica		Os07g0681200	OsR498G0305886600.01.T01	HAD superfamily subfamily IIIB acid phosphatase
maker-3-augustus-gene-153.28-mRNA-1	Japonica	NA		Os03g0332700	OsR498G0305886800.01.T02	ABC transporter ATPase component
maker-3-augustus-gene-153.3-mRNA-1	Japonica	NA				Bromo domain-containing protein (Fragment)
maker-3-augustus-gene-153.33-mRNA-1	Japonica	NA		Os03g0333000	OsR498G0305887800.01.T02	

maker-3-augustus-gene-153.7-mRNA-1	Japonica	NA		Os03g0333100	OsR498G0305887900.01.T02	Bms1-type G domain-containing protein
maker-3-augustus-gene-154.10-mRNA-1	Japonica	NA		Os03g0334200	OsR498G0305891500.01.T02	
maker-3-augustus-gene-154.12-mRNA-1	Japonica	NA		Os08g0389800	OsR498G0305892300.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-154.14-mRNA-1	Japonica	Indica		Os03g0334700	OsR498G0305893500.01.T05	Phospholipid-transporting ATPase
maker-3-augustus-gene-154.17-mRNA-1	Japonica	Japonica		Os03g0335200	OsR498G0305894900.01.T01	WRKY transcription factor 47
maker-3-augustus-gene-154.19-mRNA-1	Japonica	Japonica		Os03g0333800	OsR498G0305890200.01.T01	DUF1618 domain-containing protein (Fragment)
maker-3-augustus-gene-154.23-mRNA-1	Japonica	NA	Kinase	Os03g0334000	OsR498G0305890800.01.T02	Non-specific serine/threonine protein kinase
maker-3-augustus-gene-154.26-mRNA-1	Japonica	NA		Os03g0334800	OsR498G0305893800.01.T01	Lung seven transmembrane receptor family protein, expressed
maker-3-augustus-gene-154.5-mRNA-1	Japonica	Indica		Os03g0334100	OsR498G0305891300.01.T02	PRC domain-containing protein (Fragment)
maker-3-augustus-gene-155.32-mRNA-1	Japonica	NA		Os03g0335300	OsR498G0305895300.01.T01	Vacuolar-sorting receptor 1
maker-3-augustus-gene-155.37-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os03g0335500	OsR498G0305895900.01.T01	Mitogen-activated protein kinase kinase kinase
maker-3-augustus-gene-155.39-mRNA-1	Japonica	NA		Os03g0336200	OsR498G0305898100.01.T02	BZIP-type transcription factor (Fragment)
maker-3-augustus-gene-155.43-mRNA-1	Japonica	NA		Os03g0336300	OsR498G0305898300.01.T01	Nardilysin
maker-3-augustus-gene-155.49-mRNA-1	Japonica	NA		Os03g0336500	OsR498G0305899100.01.T01	Macro domain
maker-3-augustus-gene-155.53-mRNA-1	Japonica	NA				Nucleotidyltransferase domain containing protein, expressed
maker-3-augustus-gene-155.57-mRNA-1	Japonica	Indica		Os03g0694900	OsR498G0305896800.01.T05	Valyl-tRNA synthetase
maker-3-augustus-gene-155.63-mRNA-1	Japonica	NA			OsR498G0305897800.01.T01	Vicilin-like seed storage protein
maker-3-augustus-gene-155.65-mRNA-1	Japonica	NA		Os03g0336600	OsR498G0305899400.01.T01	Reticulon-like protein (Fragment)
maker-3-augustus-gene-156.0-mRNA-1	Japonica	Indica		Os07g0679000	OsR498G0305903100.01.T06	Potassium transporter
maker-3-augustus-gene-156.10-mRNA-1	Japonica	NA		Os03g0338400	OsR498G0305906500.01.T01	BHLH transcription factor
maker-3-augustus-gene-156.20-mRNA-1	Japonica	NA		Os03g0337700	OsR498G0305903600.01.T01	GNP-loop GTPase 3
maker-3-augustus-gene-156.28-mRNA-1	Japonica	NA		Os03g0337800	OsR498G0305903800.01.T01	Ribosomal protein L19
maker-3-augustus-gene-156.33-mRNA-1	Japonica	NA			OsR498G0305904000.01.T01	Fumarate hydratase
maker-3-augustus-gene-156.40-mRNA-1	Japonica	NA		Os03g0338000	OsR498G0305904400.01.T01	Aminotransferase class-III
maker-3-augustus-gene-156.42-mRNA-1	Japonica	NA		Os03g0338600	OsR498G0305907000.01.T02	tRNA pseudouridine synthase
maker-3-augustus-gene-156.6-mRNA-1	Japonica	NA		Os03g0337600	OsR498G0305903300.01.T01	Uroporphyrinogen decarboxylase
maker-3-augustus-gene-157.35-mRNA-1	Japonica	NA		Os03g0339300	OsR498G0305908500.01.T01	Peroxidase
maker-3-augustus-gene-157.37-mRNA-1	Japonica	NA		Os03g0339700	OsR498G0305910100.01.T01	DUF827 domain-containing protein (Fragment)
maker-3-augustus-gene-157.39-mRNA-1	Japonica	NA		Os03g0340600		
maker-3-augustus-gene-157.41-mRNA-1	Japonica	NA		Os03g0340700	OsR498G0305916700.01.T01	Sperm-associated antigen 1
maker-3-augustus-gene-157.43-mRNA-1	Japonica	NA		Os03g0340900	OsR498G0305916900.01.T03	GTP diphosphokinase
maker-3-augustus-gene-157.51-mRNA-1	Japonica	Indica		Os07g0677600	OsR498G0305908800.01.T01	Peroxidase
maker-3-augustus-gene-157.57-mRNA-1	Japonica	NA		Os03g0340500	OsR498G0305915600.01.T02	Sucrose synthase
maker-3-augustus-gene-157.64-mRNA-1	Japonica	NA			OsR498G0101949000.01.T02	
maker-3-augustus-gene-158.44-mRNA-1	Japonica	NA		Os03g0341000	OsR498G0305918100.01.T01	Ethylene-responsive transcription factor RAP2-3
maker-3-augustus-gene-158.46-mRNA-1	Japonica	NA		Os03g0341300	OsR498G0305919100.01.T04	Bidirectional sugar transporter SWEET
maker-3-augustus-gene-158.62-mRNA-1	Japonica	NA		Os03g0341100	OsR498G0305918400.01.T01	60S ribosomal protein L18
maker-3-augustus-gene-158.67-mRNA-1	Japonica	NA		Os03g0341200	OsR498G0305918600.01.T02	Fanconi anemia group I protein homolog
maker-3-augustus-gene-158.72-mRNA-1	Japonica	NA		Os03g0341600	OsR498G0305920400.01.T02	Phylloplanin-like
maker-3-augustus-gene-158.74-mRNA-1	Japonica	NA		Os03g0342100	OsR498G0305920600.01.T01	
maker-3-augustus-gene-158.76-mRNA-1	Japonica	Indica		Os03g0342900	OsR498G0305921800.01.T05	Dormancy/auxin associated protein, expressed
maker-3-augustus-gene-16.48-mRNA-1	Japonica	NA		Os03g0131500	OsR498G0305175500.01.T01	Thiol-disulfide oxidoreductase LTO1
maker-3-augustus-gene-16.51-mRNA-1	Japonica	Indica		Os04g0561600	OsR498G0305175900.01.T01	Coiled-coil domain-containing protein 124
maker-3-augustus-gene-16.53-mRNA-1	Japonica	NA		Os03g0132000	OsR498G0305176700.01.T01	4-coumarate--CoA ligase-like 4
maker-3-augustus-gene-16.75-mRNA-1	Japonica	NA		Os03g0131400	OsR498G0305175400.01.T01	Polynucleotide adenylyltransferase family protein
maker-3-augustus-gene-160.40-mRNA-1	Japonica	NA			OsR498G0305931400.01.T02	HMA domain-containing protein (Fragment)
maker-3-augustus-gene-162.5-mRNA-1	Japonica	NA	CSD1	Os03g0351500	OsR498G0305951300.01.T01	Superoxide dismutase
maker-3-augustus-gene-163.36-mRNA-1	Japonica	NA		Os03g0352200	OsR498G0305954100.01.T05	SAC3 family protein C
maker-3-augustus-gene-163.40-mRNA-1	Japonica	NA		Os03g0352400	OsR498G0305954500.01.T01	Nuclear/nucleolar GTPase 2
maker-3-augustus-gene-163.45-mRNA-1	Japonica	NA			OsR498G0305955100.01.T01	Chromatin-remodeling ATPase INO80
maker-3-augustus-gene-163.52-mRNA-1	Japonica	NA		Os03g0353000	OsR498G0305955900.01.T01	
maker-3-augustus-gene-163.54-mRNA-1	Japonica	Indica		Os12g0594700	OsR498G0305956300.01.T01	F-box domain containing protein, expressed
maker-3-augustus-gene-163.56-mRNA-1	Japonica	Japonica		Os03g0353400	OsR498G0305957500.01.T02	EARLY responsive TO dehydration protein, putative
maker-3-augustus-gene-163.59-mRNA-1	Japonica	NA		Os03g0353500	OsR498G0305957900.01.T01	ribosomal RNA-processing protein 17
maker-3-augustus-gene-163.61-mRNA-1	Japonica	NA		Os03g0352300	OsR498G0305954400.01.T01	Nop domain-containing protein
maker-3-augustus-gene-163.67-mRNA-1	Japonica	NA		Os03g0352800	OsR498G0305955800.01.T01	Acyl carrier protein 2, mitochondrial
maker-3-augustus-gene-164.0-mRNA-1	Japonica	NA			OsR498G0305958300.01.T04	Aberrant pollen transmission1
maker-3-augustus-gene-164.10-mRNA-1	Japonica	NA		Os03g0353900	OsR498G0305959300.01.T04	ArgoN domain-containing protein
maker-3-augustus-gene-165.28-mRNA-1	Japonica	NA		Os05g0267732	OsR498G0203607000.01.T01	
maker-3-augustus-gene-169.36-mRNA-1	Japonica	NA			OsR498G0305965900.01.T01	U4/U6 small nuclear ribonucleoprotein Prp4
maker-3-augustus-gene-169.39-mRNA-1	Japonica	Japonica		Os03g0355700	OsR498G0305967300.01.T01	IQ-domain 11

maker-3-augustus-gene-169.41-mRNA-1	Japonica	NA		Os03g0355600	OsR498G0305966400.01.T02	Beta-adaptin-like protein C
maker-3-augustus-gene-169.46-mRNA-1	Japonica	NA		Os03g0355800	OsR498G0305967800.01.T01	Diphthine methyl ester synthase
maker-3-augustus-gene-169.49-mRNA-1	Japonica	NA		Os03g0355900	OsR498G0305968000.01.T01	Sanguinarine reductase
maker-3-augustus-gene-169.54-mRNA-1	Japonica	NA		Os03g0356300	OsR498G0305969000.01.T01	50S ribosomal protein L6 chloroplastic
maker-3-augustus-gene-169.56-mRNA-1	Japonica	NA		Os03g0356414	OsR498G0305969400.01.T01	RING-type E3 ubiquitin transferase
maker-3-augustus-gene-169.58-mRNA-1	Japonica	NA		Os03g0356470		
maker-3-augustus-gene-169.63-mRNA-1	Japonica	NA		Os03g0356484	OsR498G0305971000.01.T02	Mitochondria fission 1 protein (Fragment)
maker-3-augustus-gene-17.43-mRNA-1	Japonica	NA				IQ-domain 20
maker-3-augustus-gene-17.45-mRNA-1	Japonica	NA		Os03g0134900	OsR498G0305185200.01.T01	Glutathione S-transferase, N-terminal domain containing protein, expressed
maker-3-augustus-gene-17.47-mRNA-1	Japonica	NA		Os03g0135100	OsR498G0305185800.01.T01	Glutathione transferase
maker-3-augustus-gene-17.50-mRNA-1	Japonica	Indica		Os03g0135200	OsR498G0305186000.01.T01	Glutathione transferase
maker-3-augustus-gene-17.53-mRNA-1	Japonica	NA		Os03g0135300	OsR498G0305186200.01.T01	Glutathione transferase
maker-3-augustus-gene-17.55-mRNA-1	Japonica	NA		Os03g0135400	OsR498G0305186800.01.T01	F-box/LRR-repeat protein 10
maker-3-augustus-gene-17.57-mRNA-1	Japonica	Indica		Os03g0135600	OsR498G0305187200.01.T09	Ankyrin repeat domain-containing protein chloroplastic
maker-3-augustus-gene-17.61-mRNA-1	Japonica	Japonica	RAI1	Os03g0135700	OsR498G0305187800.01.T01	BHLH transcription factor
maker-3-augustus-gene-170.27-mRNA-1	Japonica	NA				Hydrolase, putative, expressed
maker-3-augustus-gene-170.30-mRNA-1	Japonica	NA		Os03g0356582	OsR498G0305973900.01.T01	Phosphatidylinositol 4-phosphate 5-kinase
maker-3-augustus-gene-170.33-mRNA-1	Japonica	Japonica		Os03g0356596	OsR498G0714888800.01.T01	Phosphatidylinositol 4-phosphate 5-kinase
maker-3-augustus-gene-170.35-mRNA-1	Japonica	NA			OsR498G0305976300.01.T01	F-box domain containing protein, expressed
maker-3-augustus-gene-170.37-mRNA-1	Japonica	NA			OsR498G0409243500.01.T01	HTH myb-type domain-containing protein
maker-3-augustus-gene-170.39-mRNA-1	Japonica	NA		Os03g0356638	OsR498G0305974800.01.T02	Pleckstrin domain-containing protein, putative, expressed
maker-3-augustus-gene-170.47-mRNA-1	Japonica	NA			OsR498G0305975400.01.T06	TRAF-type zinc finger domain-containing protein 1
maker-3-augustus-gene-171.0-mRNA-1	Japonica	NA		Os03g0356700	OsR498G0305980300.01.T06	HP domain-containing protein
maker-3-augustus-gene-171.10-mRNA-1	Japonica	NA			OsR498G0305979000.01.T07	Alpha-N-acetylglucosaminidase isoform X1
maker-3-augustus-gene-171.11-mRNA-1	Japonica	NA			OsR498G0305979000.01.T04	Alpha-N-acetylglucosaminidase isoform X1
maker-3-augustus-gene-171.7-mRNA-1	Japonica	NA				
maker-3-augustus-gene-172.0-mRNA-1	Japonica	NA		Os03g0358100	OsR498G0305983500.01.T01	Glutathione peroxidase
maker-3-augustus-gene-172.13-mRNA-1	Japonica	Indica		Os07g0655400	OsR498G0305983800.01.T01	Rhomboid-like protein 19
maker-3-augustus-gene-172.5-mRNA-1	Japonica	NA				
maker-3-augustus-gene-172.8-mRNA-1	Japonica	NA			OsR498G0305983200.01.T03	CID domain-containing protein
maker-3-augustus-gene-173.48-mRNA-1	Japonica	NA			OsR498G0305988200.01.T02	branched-chain-amino-acid aminotransferase-like protein 1
maker-3-augustus-gene-174.46-mRNA-1	Japonica	NA		Os05g0368300	OsR498G0510685100.01.T01	S4 RNA-binding domain-containing protein (Fragment)
maker-3-augustus-gene-175.0-mRNA-1	Japonica	NA				HEAT repeat family protein, expressed
maker-3-augustus-gene-175.10-mRNA-1	Japonica	NA				Endo/exonuclease/phosphatase domain-containing protein (Fragment)
maker-3-augustus-gene-175.11-mRNA-1	Japonica	Indica		Os07g0645500	OsR498G0305991300.01.T01	Endonuclease/exonuclease/phosphatase
maker-3-augustus-gene-175.14-mRNA-1	Japonica	Japonica		Os03g0361100	OsR498G0305992500.01.T01	Terpene synthase family, metal binding domain containing protein, expressed
maker-3-augustus-gene-175.22-mRNA-1	Japonica	Japonica		Os03g0361500	OsR498G0305993600.01.T01	Terpene synthase family, metal binding domain containing protein, expressed
maker-3-augustus-gene-175.5-mRNA-1	Japonica	NA			OsR498G0305991100.01.T03	Methionine sulfoxide reductase
maker-3-augustus-gene-176.0-mRNA-1	Japonica	NA		Os03g0362200	OsR498G0305997700.01.T01	Armadillo
maker-3-augustus-gene-176.14-mRNA-1	Japonica	NA		Os03g0361700	OsR498G0305996000.01.T01	Terpene synthase family, metal binding domain containing protein, expressed
maker-3-augustus-gene-176.17-mRNA-1	Japonica	Indica		Os03g0361100	OsR498G0305996700.01.T01	Terpene synthase family, metal binding domain containing protein, expressed
maker-3-augustus-gene-176.19-mRNA-1	Japonica	Indica		Os03g0361700	OsR498G0305996500.01.T01	Terpene synthase family, metal binding domain containing protein, expressed
maker-3-augustus-gene-176.2-mRNA-1	Japonica	Japonica		Os03g0363100	OsR498G0305997700.01.T01	Armadillo/beta-catenin-like repeat protein
maker-3-augustus-gene-176.21-mRNA-1	Japonica	NA		Os03g0363500	OsR498G0305999000.01.T02	MFS domain-containing protein (Fragment)
maker-3-augustus-gene-176.4-mRNA-1	Japonica	NA		Os03g0363350	OsR498G0305998300.01.T01	Rieske domain-containing protein
maker-3-augustus-gene-176.7-mRNA-1	Japonica	NA		Os03g0363400	OsR498G0305998700.01.T03	Atherin
maker-3-augustus-gene-177.10-mRNA-1	Japonica	NA	Kinase-TM	Os03g0364400	OsR498G0306001300.01.T01	probable serine/threonine-protein kinase PBL15
maker-3-augustus-gene-177.14-mRNA-1	Japonica	NA			OsR498G0306002500.01.T02	TFIIIS N-terminal domain-containing protein
maker-3-augustus-gene-177.20-mRNA-1	Japonica	Japonica		Os03g0363600	OsR498G0305999200.01.T01	MFS domain-containing protein
maker-3-augustus-gene-177.26-mRNA-1	Japonica	NA		Os03g0363950	OsR498G0306000200.01.T02	Sulfotransferase
maker-3-augustus-gene-177.31-mRNA-1	Japonica	NA				Polyubiquitin 9
maker-3-augustus-gene-177.35-mRNA-1	Japonica	NA				Stomatal closure-related actin-binding protein 1
maker-3-augustus-gene-177.4-mRNA-1	Japonica	NA		Os03g0363900	OsR498G0305999900.01.T01	S-acyltransferase
maker-3-augustus-gene-178.0-mRNA-1	Japonica	NA		Os03g0365800	OsR498G0306006500.01.T01	GDSL esterase/lipase
maker-3-augustus-gene-178.1-mRNA-1	Japonica	Japonica		Os03g0365800	OsR498G0306006500.01.T01	GDSL-lipase
maker-3-augustus-gene-178.12-mRNA-1	Japonica	NA	Kinase-TM	Os03g0366200	OsR498G0306008700.01.T02	Calcium/calmodulin-dependent serine/threonine-protein kinase 1
maker-3-augustus-gene-178.18-mRNA-1	Japonica	Indica		Os07g0641000	OsR498G0306009300.01.T03	O-fucosyltransferase family protein (Fragment)
maker-3-augustus-gene-178.22-mRNA-1	Japonica	NA		Os03g0366000	OsR498G0306007000.01.T02	Chaperonin, mitochondrial
maker-3-augustus-gene-178.8-mRNA-1	Japonica	Indica		Os03g0365900	OsR498G0306006700.01.T01	GDSL-like Lipase/Acylhydrolase family protein, expressed
maker-3-augustus-gene-179.0-mRNA-1	Japonica	NA		Os03g0367000	OsR498G0306010100.01.T01	Peptidylprolyl isomerase
maker-3-augustus-gene-179.11-mRNA-1	Japonica	NA		Os03g0367900	OsR498G0306013100.01.T03	Pyrrolidone-carboxylate peptidase-like

maker-3-augustus-gene-179.15-mRNA-1	Japonica	NA		Os03g0368300	OsR498G0306013500.01.T01	Peroxidase
maker-3-augustus-gene-179.17-mRNA-1	Japonica	Japonica		Os03g0368600	OsR498G0306015100.01.T01	Peroxidase
maker-3-augustus-gene-179.20-mRNA-1	Japonica	NA		Os03g0368300	OsR498G0306013500.01.T01	Peroxidase
maker-3-augustus-gene-179.7-mRNA-1	Japonica	NA			OsR498G0306011500.01.T01	Flavonoid hydroxylase
maker-3-augustus-gene-179.9-mRNA-1	Japonica	NA		Os03g0367800		SWR1 complex subunit like
maker-3-augustus-gene-18.26-mRNA-1	Japonica	NA		Os03g0137200	OsR498G0305193500.01.T03	Protein-serine/threonine phosphatase
maker-3-augustus-gene-18.33-mRNA-1	Japonica	NA		Os03g0137600	OsR498G0305194700.01.T02	GATA zinc finger domain-containing protein 10
maker-3-augustus-gene-18.35-mRNA-1	Japonica	NA		Os03g0137800	OsR498G0305197100.01.T01	Cyclin-dependent kinase inhibitor
maker-3-augustus-gene-18.38-mRNA-1	Japonica	NA		Os03g0138000	OsR498G0305197900.01.T01	No pollen germination related 2
maker-3-augustus-gene-18.40-mRNA-1	Japonica	NA		Os03g0136800	OsR498G0305190800.01.T01	J domain-containing protein
maker-3-augustus-gene-18.42-mRNA-1	Japonica	NA		Os03g0136900	OsR498G0305191400.01.T01	Aconitate hydratase
maker-3-augustus-gene-18.48-mRNA-1	Japonica	Indica		Os03g0137300	OsR498G0305193800.01.T01	protein CHAPERONE-LIKE PROTEIN OF POR1, chloroplastic-like
maker-3-augustus-gene-18.51-mRNA-1	Japonica	NA		Os03g0137700	OsR498G0305195000.01.T01	Magnesium transporter
maker-3-augustus-gene-180.0-mRNA-1	Japonica	NA		Os03g0368900	OsR498G0306016300.01.T01	Peroxidase
maker-3-augustus-gene-180.13-mRNA-1	Japonica	NA			OsR498G0306020300.01.T01	NYN domain-containing protein (Fragment)
maker-3-augustus-gene-180.16-mRNA-1	Japonica	NA		Os03g0370900	OsR498G0306024100.01.T01	Cytochrome P450 family protein, expressed
maker-3-augustus-gene-180.18-mRNA-1	Japonica	NA		Os03g0369800	OsR498G0306019600.01.T02	t-SNARE coiled-coil homology domain-containing protein
maker-3-augustus-gene-180.2-mRNA-1	Japonica	NA		Os03g0369000	OsR498G0306017500.01.T01	Peroxidase
maker-3-augustus-gene-180.23-mRNA-1	Japonica	NA				Stress-induced hydrophobic peptide
maker-3-augustus-gene-180.4-mRNA-1	Japonica	NA		Os03g0369100	OsR498G0306018100.01.T01	AAI domain-containing protein
maker-3-augustus-gene-180.6-mRNA-1	Japonica	NA		Os03g0369200	OsR498G0306018300.01.T01	Peroxidase
maker-3-augustus-gene-180.8-mRNA-1	Japonica	NA		Os03g0369400	OsR498G0306018500.01.T01	Peroxidase
maker-3-augustus-gene-181.19-mRNA-1	Japonica	NA				Secologanin synthase
maker-3-augustus-gene-181.21-mRNA-1	Japonica	NA			OsR498G0306027800.01.T01	Transcription factor MYB32
maker-3-augustus-gene-182.0-mRNA-1	Japonica	NA		Os03g0372500	OsR498G0306030300.01.T02	PPM-type phosphatase domain-containing protein (Fragment)
maker-3-augustus-gene-182.10-mRNA-1	Japonica	NA			OsR498G0306030800.01.T01	Inositol-pentakisphosphate 2-kinase
maker-3-augustus-gene-182.12-mRNA-1	Japonica	NA		Os03g0374100	OsR498G0306031800.01.T01	Hepatocellular carcinoma-associated antigen 59
maker-3-augustus-gene-182.3-mRNA-1	Japonica	NA		Os03g0372700	OsR498G0306030900.01.T01	Low temperature viability protein, expressed
maker-3-augustus-gene-182.5-mRNA-1	Japonica	NA		Os03g0374400	OsR498G0306032700.01.T01	TVP38/TMEM64 family membrane protein like
maker-3-augustus-gene-183.33-mRNA-1	Japonica	Indica		Os03g0374900	OsR498G0306036800.01.T01	Polyamine transporter
maker-3-augustus-gene-184.0-mRNA-1	Japonica	NA		Os03g0376900	OsR498G0306042300.01.T01	Polypyrimidine tract-binding protein like 1
maker-3-augustus-gene-184.16-mRNA-1	Japonica	NA			OsR498G0306044100.01.T02	Nuclear control of ATPase protein 2
maker-3-augustus-gene-184.24-mRNA-1	Japonica	Japonica		Os03g0378000	OsR498G0306046100.01.T03	probable apyrase 6
maker-3-augustus-gene-184.28-mRNA-1	Japonica	NA		Os03g0378200	OsR498G0306046700.01.T03	Transferase transferring acyl groups
maker-3-augustus-gene-184.33-mRNA-1	Japonica	NA		Os03g0376600	OsR498G0306042000.01.T01	Ribonucleoprotein B, chloroplastic
maker-3-augustus-gene-184.35-mRNA-1	Japonica	NA		Os03g0376800	OsR498G0306042200.01.T02	RNA-binding KH domain-containing protein RCF3
maker-3-augustus-gene-184.38-mRNA-1	Japonica	NA		Os03g0377700	OsR498G0306044400.01.T02	Putative mannan synthase 7
maker-3-augustus-gene-184.7-mRNA-1	Japonica	NA		Os03g0377100	OsR498G0306042500.01.T01	Expansin
maker-3-augustus-gene-184.9-mRNA-1	Japonica	NA			OsR498G0306043500.01.T04	
maker-3-augustus-gene-185.0-mRNA-1	Japonica	NA		Os03g0379100	OsR498G0306048300.01.T02	Methyltransferase
maker-3-augustus-gene-185.2-mRNA-1	Japonica	NA		Os03g0379300	OsR498G0306048500.01.T01	Transcription factor bHLH47
maker-3-augustus-gene-186.11-mRNA-1	Japonica	NA			OsR498G0306053700.01.T01	
maker-3-augustus-gene-186.13-mRNA-1	Japonica	NA		Os08g0487300	OsR498G0816350400.01.T01	Transposon protein, putative, Mutator sub-class
maker-3-augustus-gene-186.16-mRNA-1	Japonica	NA		Os03g0381000	OsR498G0306052600.01.T01	Aldose 1-epimerase
maker-3-augustus-gene-186.18-mRNA-1	Japonica	Indica		Os03g0381300	OsR498G0306053600.01.T01	CS domain-containing protein (Fragment)
maker-3-augustus-gene-186.23-mRNA-1	Japonica	NA		Os03g0381500	OsR498G0306054000.01.T01	
maker-3-augustus-gene-186.6-mRNA-1	Japonica	NA			OsR498G0306052900.01.T05	tRNA pseudouridine synthase
maker-3-augustus-gene-186.8-mRNA-1	Japonica	NA		Os03g0381200	OsR498G0306053300.01.T01	F-actin-capping protein subunit beta
maker-3-augustus-gene-187.38-mRNA-1	Japonica	NA		Os03g0383900	OsR498G0306057500.01.T03	HMA domain-containing protein
maker-3-augustus-gene-187.40-mRNA-1	Japonica	NA			OsR498G0306056800.01.T03	SAP domain-containing protein (Fragment)
maker-3-augustus-gene-188.33-mRNA-1	Japonica	NA		Os03g0385400	OsR498G0306060700.01.T01	AAI domain-containing protein
maker-3-augustus-gene-188.45-mRNA-1	Japonica	NA		Os03g0385301		Zinc finger CCCH domain-containing protein 15
maker-3-augustus-gene-188.47-mRNA-1	Japonica	Japonica		Os03g0385900	OsR498G0306062000.01.T02	Small subunit ribosomal protein (Fragment)
maker-3-augustus-gene-189.22-mRNA-1	Japonica	NA		Os03g0386500	OsR498G0306065700.01.T03	Trehalose 6-phosphate phosphatase
maker-3-augustus-gene-189.26-mRNA-1	Japonica	NA			OsR498G0306067500.01.T03	Carboxypeptidase
maker-3-augustus-gene-189.28-mRNA-1	Japonica	NA		Os03g0386800	OsR498G0306067900.01.T02	Carboxypeptidase
maker-3-augustus-gene-189.32-mRNA-1	Japonica	NA			OsR498G0306069100.01.T01	Intron-binding protein aquarius
maker-3-augustus-gene-189.39-mRNA-1	Japonica	NA		Os03g0387100	OsR498G0306069500.01.T01	Proteasome endopeptidase complex
maker-3-augustus-gene-189.45-mRNA-1	Japonica	NA		Os03g0387800	OsR498G0306072700.01.T01	Naringenin,2-oxoglutarate 3-dioxygenase
maker-3-augustus-gene-19.40-mRNA-1	Japonica	NA		Os03g0138500	OsR498G0305199500.01.T01	
maker-3-augustus-gene-19.42-mRNA-1	Japonica	NA		Os03g0139100	OsR498G0305201500.01.T01	Ribosomal protein L17

maker-3-augustus-gene-19.46-mRNA-1	Japonica	NA			OsR498G0305198400.01.T03	RNA recognition motif family protein, expressed
maker-3-augustus-gene-19.50-mRNA-1	Japonica	Japonica		Os03g0138600	OsR498G0305200000.01.T02	MHD1 domain-containing protein
maker-3-augustus-gene-19.54-mRNA-1	Japonica	NA		Os03g0138700	OsR498G0305200400.01.T01	Peptide transporter 3
maker-3-augustus-gene-19.56-mRNA-1	Japonica	NA		Os03g0139200	OsR498G0305201800.01.T03	CCT domain-containing protein
maker-3-augustus-gene-19.59-mRNA-1	Japonica	NA		Os03g0139500	OsR498G0305202800.01.T01	CCT motif family protein, expressed
maker-3-augustus-gene-190.0-mRNA-1	Japonica	NA		Os03g0387900	OsR498G0306073500.01.T04	
maker-3-augustus-gene-190.15-mRNA-1	Japonica	Indica		Os03g0388000	OsR498G0306073800.01.T03	Serine/arginine-rich splicing factor like
maker-3-augustus-gene-190.17-mRNA-1	Japonica	NA		Os03g0388100	OsR498G0306074200.01.T02	ATP-dependent RNA helicase DBP2-A
maker-3-augustus-gene-190.20-mRNA-1	Japonica	NA			OsR498G0306077000.01.T01	MYb transcription factor 18
maker-3-augustus-gene-190.27-mRNA-1	Japonica	NA		Os03g0389100	OsR498G0306081000.01.T01	zf-LSD1 domain-containing protein
maker-3-augustus-gene-190.5-mRNA-1	Japonica	NA			OsR498G0306076100.01.T01	Calmodulin-binding transcription activator 2
maker-3-augustus-gene-191.0-mRNA-1	Japonica	NA		Os03g0389700	OsR498G0306083900.01.T01	Phospho-2-dehydro-3-deoxyheptonate aldolase
maker-3-augustus-gene-191.10-mRNA-1	Japonica	NA		Os03g0390400	OsR498G0306085500.01.T01	Cytochrome c oxidase subunit
maker-3-augustus-gene-191.13-mRNA-1	Japonica	NA		Os03g0390600	OsR498G0306085700.01.T05	Histone domain-containing protein (Fragment)
maker-3-augustus-gene-191.16-mRNA-1	Japonica	Indica		Os03g0390700	OsR498G0306085900.01.T02	Hydroxylisourate hydrolase
maker-3-augustus-gene-191.20-mRNA-1	Japonica	Indica		Os04g0682000	OsR498G0306086100.01.T02	Cysteine protease
maker-3-augustus-gene-191.27-mRNA-1	Japonica	NA		Os03g0390000	OsR498G0306085000.01.T01	40S ribosomal protein S6
maker-3-augustus-gene-191.3-mRNA-1	Japonica	NA				JmjC domain-containing protein
maker-3-augustus-gene-191.31-mRNA-1	Japonica	NA	Kinase-TM	Os03g0390200	OsR498G0306085400.01.T01	Serine/threonine-protein kinase SRK2C
maker-3-augustus-gene-191.35-mRNA-1	Japonica	NA		Os11g0432800	OsR498G1120015800.01.T02	Protein RETICULATA chloroplastic
maker-3-augustus-gene-192.0-mRNA-1	Japonica	Indica		Os05g0171000	OsR498G0306086700.01.T01	Phospholipase D
maker-3-augustus-gene-195.10-mRNA-1	Japonica	NA		Os03g0395300	OsR498G0306105600.01.T01	Protein WEAK CHLOROPLAST MOVEMENT UNDER BLUE LIGHT 1
maker-3-augustus-gene-195.7-mRNA-1	Japonica	NA		Os03g0395000	OsR498G0306105000.01.T01	Inactive heme oxygenase
maker-3-augustus-gene-198.2-mRNA-1	Japonica	Japonica		Os03g0399300	OsR498G0713610100.01.T02	Inwardly rectifying potassium channel subunit
maker-3-augustus-gene-2.0-mRNA-1	Japonica	Japonica		Os03g0107100	OsR498G0305097000.01.T04	Plasma membrane ATPase
maker-3-augustus-gene-2.14-mRNA-1	Japonica	NA		Os04g0119300	OsR498G0305093300.01.T01	DUF1990 domain-containing protein (Fragment)
maker-3-augustus-gene-2.17-mRNA-1	Japonica	NA		Os03g0107900	OsR498G0305094500.01.T01	Glucuronoxylan glucuronosyltransferase
maker-3-augustus-gene-2.20-mRNA-1	Japonica	NA		Os10g0545600		Zinc finger, C3HC4 type family protein, expressed
maker-3-augustus-gene-2.28-mRNA-1	Japonica	Indica		Os03g0108400	OsR498G0305095900.01.T01	Vacuolar protein sorting-associated protein 1
maker-3-augustus-gene-2.39-mRNA-1	Japonica	NA		Os03g0107300	OsR498G0305091200.01.T02	Putative transporter arsB
maker-3-augustus-gene-2.4-mRNA-1	Japonica	Indica		Os03g0107400	OsR498G0305091900.01.T04	Myosin-2 heavy chain-like isoform X1
maker-3-augustus-gene-2.43-mRNA-1	Japonica	NA			OsR498G0305094000.01.T02	Phosphoglucan phosphatase
maker-3-augustus-gene-2.49-mRNA-1	Japonica	NA		Os03g0108000	OsR498G0305094800.01.T02	Rhodanese domain-containing protein (Fragment)
maker-3-augustus-gene-2.51-mRNA-1	Japonica	NA		Os03g0108300	OsR498G0305095600.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-3-augustus-gene-2.53-mRNA-1	Japonica	NA		Os03g0108500	OsR498G0305096200.01.T01	Aldehyde oxygenase (deformylating)
maker-3-augustus-gene-2.9-mRNA-1	Japonica	NA		Os03g0107500		Ring/U-Box superfamily protein, putative isoform 3
maker-3-augustus-gene-20.0-mRNA-1	Japonica	NA		Os03g0140700	OsR498G0305209100.01.T01	TPR transcription factor
maker-3-augustus-gene-20.14-mRNA-1	Japonica	NA		Os01g0838725	OsR498G1018411500.01.T01	
maker-3-augustus-gene-20.17-mRNA-1	Japonica	Japonica		Os03g0141100	OsR498G0714417100.01.T01	Transposase (Fragment)
maker-3-augustus-gene-20.2-mRNA-1	Japonica	NA		Os03g0140900	OsR498G0305210300.01.T01	
maker-3-augustus-gene-20.4-mRNA-1	Japonica	NA		Os03g0141000	OsR498G0305210500.01.T01	60S ribosomal protein L21 isoform 1
maker-3-augustus-gene-20.6-mRNA-1	Japonica	NA		Os03g0141200	OsR498G0305210700.01.T01	Beta-amylase 2, chloroplastic
maker-3-augustus-gene-20.9-mRNA-1	Japonica	Japonica		Os03g0141700	OsR498G0305211900.01.T02	
maker-3-augustus-gene-200.34-mRNA-1	Japonica	Indica		Os07g0616600	OsR498G0306136300.01.T01	40S ribosomal protein 5A
maker-3-augustus-gene-200.39-mRNA-1	Japonica	Indica		Os07g0616200	OsR498G0306136700.01.T04	Beta-ketoacyl-[acyl-carrier-protein] synthase I
maker-3-augustus-gene-200.44-mRNA-1	Japonica	NA		Os03g0402000	OsR498G0306136000.01.T01	Trafficking protein particle complex subunit
maker-3-augustus-gene-200.49-mRNA-1	Japonica	NA			OsR498G0306137800.01.T01	Transcription factor btd-like
maker-3-augustus-gene-200.51-mRNA-1	Japonica	NA			OsR498G0306139200.01.T01	
maker-3-augustus-gene-201.0-mRNA-1	Japonica	NA		Os03g0402800	OsR498G0306144200.01.T01	Tify domain-containing protein
maker-3-augustus-gene-202.32-mRNA-1	Japonica	NA		Os03g0403100	OsR498G0306144900.01.T05	DNA-directed RNA polymerase subunit beta
maker-3-augustus-gene-203.34-mRNA-1	Japonica	NA		Os03g0404800	OsR498G0306150300.01.T02	3beta-hydroxysteroid-dehydrogenase/decarboxylase isoform 1
maker-3-augustus-gene-203.38-mRNA-1	Japonica	NA		Os03g0405000	OsR498G0306152100.01.T04	Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating
maker-3-augustus-gene-203.45-mRNA-1	Japonica	NA		Os03g0405100	OsR498G0306152500.01.T02	Ubiquinone biosynthesis protein (Fragment)
maker-3-augustus-gene-203.48-mRNA-1	Japonica	NA		Os03g0405500	OsR498G0306153100.01.T01	Nucleoredoxin like
maker-3-augustus-gene-203.52-mRNA-1	Japonica	NA		Os03g0405550		
maker-3-augustus-gene-203.54-mRNA-1	Japonica	NA			OsR498G0306157700.01.T01	Cotton nucleoredoxin 1
maker-3-augustus-gene-204.0-mRNA-1	Japonica	NA		Os03g0406100	OsR498G0306158900.01.T01	SPX domain-containing protein 5
maker-3-augustus-gene-204.2-mRNA-1	Japonica	Indica		Os03g0406200	OsR498G0306159500.01.T02	Translation elongation factor 1-delta 1
maker-3-augustus-gene-204.8-mRNA-1	Japonica	NA			OsR498G0306160000.01.T01	Nucleoside-diphosphate kinase
maker-3-augustus-gene-21.0-mRNA-1	Japonica	Japonica		Os03g0141800	OsR498G0305212900.01.T01	
maker-3-augustus-gene-21.10-mRNA-1	Japonica	NA		Os03g0142900	OsR498G0305215800.01.T01	Vacuolar protein sorting-associated protein 62

maker-3-augustus-gene-21.12-mRNA-1	Japonica	NA			OsR498G0305216000.01.T01	Methyltransferase-like protein 6 isoform B
maker-3-augustus-gene-21.19-mRNA-1	Japonica	NA				Nuclear transcription factor Y subunit A-8
maker-3-augustus-gene-21.2-mRNA-1	Japonica	NA		Os03g0142500	OsR498G0305214100.01.T01	Zinc finger (C3HC4-type RING finger) family protein
maker-3-augustus-gene-21.4-mRNA-1	Japonica	NA		Os03g0142800	OsR498G0305215500.01.T01	ABC transporter C family MRP4
maker-3-augustus-gene-21.8-mRNA-1	Japonica	NA		Os03g0142600	OsR498G0305214400.01.T01	Transcription factor MYB57
maker-3-augustus-gene-210.31-mRNA-1	Japonica	NA				Mitochondrial import inner membrane translocase subunit Tim17 family protein
maker-3-augustus-gene-210.33-mRNA-1	Japonica	NA		Os03g0416200	OsR498G0306209100.01.T02	COBRA-like protein 5
maker-3-augustus-gene-210.35-mRNA-1	Japonica	NA		Os03g0416300	OsR498G0306209400.01.T01	COBRA-like protein 1
maker-3-augustus-gene-211.0-mRNA-1	Japonica	Indica		Os07g0178700	OsR498G0306215800.01.T01	Early light-inducible protein ELIP
maker-3-augustus-gene-211.11-mRNA-1	Japonica	NA		Os03g0418600	OsR498G0306222400.01.T04	
maker-3-augustus-gene-211.2-mRNA-1	Japonica	Japonica		Os03g0417800	OsR498G0306216800.01.T02	Nitrilase-associated protein
maker-3-augustus-gene-211.5-mRNA-1	Japonica	NA		Os03g0417900	OsR498G0306219200.01.T01	Vacuolar protein sorting-associated protein 52 isogeny
maker-3-augustus-gene-212.48-mRNA-1	Japonica	NA		Os03g0418700	OsR498G0306223300.01.T02	
maker-3-augustus-gene-212.52-mRNA-1	Japonica	NA		Os03g0418800	OsR498G0306223900.01.T01	Ras GTPase-activating protein-binding protein 1
maker-3-augustus-gene-212.56-mRNA-1	Japonica	NA		Os03g0419100	OsR498G0306224500.01.T02	Ninja-family protein 6
maker-3-augustus-gene-213.39-mRNA-1	Japonica	NA			OsR498G0307311800.01.T04	Acylpyruvase FAHD1, mitochondrial
maker-3-augustus-gene-213.40-mRNA-1	Japonica	NA		Os03g0421700	OsR498G0306232900.01.T01	Acylpyruvase FAHD1, mitochondrial
maker-3-augustus-gene-213.49-mRNA-1	Japonica	Japonica		Os03g0422600	OsR498G0306234500.01.T01	3-oxo-Delta(45)-steroid 5-beta-reductase
maker-3-augustus-gene-213.51-mRNA-1	Japonica	Indica		Os03g0421400	OsR498G0306232800.01.T02	Erlin-2-B isoform A
maker-3-augustus-gene-213.55-mRNA-1	Japonica	NA		Os03g0421800	OsR498G0306233400.01.T01	Predicted pectin lyase-like family protein with X8 domain
maker-3-augustus-gene-213.58-mRNA-1	Japonica	NA			OsR498G0306236600.01.T05	UDP-N-acetylglucosamine transferase subunit ALG
maker-3-augustus-gene-214.34-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0424200	OsR498G0306238100.01.T01	U-box domain-containing protein 57
maker-3-augustus-gene-214.36-mRNA-1	Japonica	NA		Os03g0423800	OsR498G0306238300.01.T06	Mediator of RNA polymerase II transcription subunit 8
maker-3-augustus-gene-214.39-mRNA-1	Japonica	NA		Os03g0424500	OsR498G0306240900.01.T02	40S ribosomal protein S19
maker-3-augustus-gene-214.43-mRNA-1	Japonica	Japonica	CC-Kinase-TM	Os03g0424000	OsR498G0306240800.01.T02	E3 ubiquitin ligase
maker-3-augustus-gene-214.46-mRNA-1	Japonica	NA			OsR498G0306238800.01.T06	Ubiquitinyl hydrolase 1
maker-3-augustus-gene-214.48-mRNA-1	Japonica	NA	Kinase-TM	Os03g0424200	OsR498G0306240800.01.T02	U-box domain-containing protein 32
maker-3-augustus-gene-214.52-mRNA-1	Japonica	NA			OsR498G0306240800.01.T06	U-box domain-containing protein 57
maker-3-augustus-gene-214.58-mRNA-1	Japonica	NA		Os03g0424600		Zinc finger BED domain-containing protein RICESLEEPER 2-like
maker-3-augustus-gene-215.37-mRNA-1	Japonica	NA		Os03g0424500	OsR498G0306241700.01.T02	40S ribosomal protein S19
maker-3-augustus-gene-215.41-mRNA-1	Japonica	Indica		Os03g0425000	OsR498G0306241900.01.T02	RAP domain-containing protein chloroplastic
maker-3-augustus-gene-215.44-mRNA-1	Japonica	NA			OsR498G0306242900.01.T03	Diacylglycerol kinase
maker-3-augustus-gene-215.51-mRNA-1	Japonica	NA		Os03g0425800	OsR498G0306244500.01.T01	SANT domain-containing protein
maker-3-augustus-gene-215.53-mRNA-1	Japonica	NA		Os03g0425200	OsR498G0306242600.01.T02	probable uridine nucleosidase 2
maker-3-augustus-gene-216.13-mRNA-1	Japonica	NA			OsR498G0306251000.01.T01	Beta-caryophyllene synthase
maker-3-augustus-gene-216.2-mRNA-1	Japonica	NA		Os03g0426900	OsR498G0306246900.01.T01	Chaperone protein ClpB3 chloroplastic
maker-3-augustus-gene-216.6-mRNA-1	Japonica	NA		Os03g0427300	OsR498G0306248900.01.T01	Glutelin type-A 3
maker-3-augustus-gene-216.8-mRNA-1	Japonica	NA			OsR498G0306250100.01.T02	Ubiquitin conjugation factor like
maker-3-augustus-gene-217.1-mRNA-1	Japonica	NA			OsR498G0306253300.01.T03	ATP-dependent protease Clp ATPase subunit
maker-3-augustus-gene-217.11-mRNA-1	Japonica	NA		Os03g0430000	OsR498G0306256500.01.T06	nuclear envelope integral membrane protein 1 isoform X3
maker-3-augustus-gene-217.16-mRNA-1	Japonica	NA			OsR498G0306251800.01.T01	C2 tensin-type domain-containing protein
maker-3-augustus-gene-217.4-mRNA-1	Japonica	NA		Os03g0429800	OsR498G0306255700.01.T01	Xanthine dehydrogenase
maker-3-augustus-gene-218.36-mRNA-1	Japonica	NA			OsR498G0306257500.01.T01	JmjC domain containing protein, expressed
maker-3-augustus-gene-218.39-mRNA-1	Japonica	Indica		Os02g0828900	OsR498G0306257900.01.T01	Transcription factor jumonji (JmjC) domain-containing protein
maker-3-augustus-gene-218.50-mRNA-1	Japonica	Japonica		Os03g0431200	OsR498G0714654200.01.T04	Amino-acid N-acetyltransferase
maker-3-augustus-gene-218.56-mRNA-1	Japonica	NA		Os03g0431500	OsR498G0306263800.01.T05	Ubiquitin-like domain-containing protein
maker-3-augustus-gene-218.57-mRNA-1	Japonica	NA		Os01g0444100		
maker-3-augustus-gene-219.34-mRNA-1	Japonica	NA			OsR498G0306265310.01.T02	TATA element modulatory factor isoform X1
maker-3-augustus-gene-219.37-mRNA-1	Japonica	NA		Os03g0431932	OsR498G0306265310.01.T05	Myosin heavy chain-related
maker-3-augustus-gene-219.40-mRNA-1	Japonica	NA			OsR498G0306269500.01.T04	Mechanosensitive ion channel protein 3 chloroplastic
maker-3-augustus-gene-219.48-mRNA-1	Japonica	NA		Os03g0432100	OsR498G0306265800.01.T02	Pyruvate, phosphate dikinase
maker-3-augustus-gene-22.48-mRNA-1	Japonica	NA		Os03g0143700	OsR498G0305218700.01.T05	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P-related
maker-3-augustus-gene-22.52-mRNA-1	Japonica	NA				Transcription activators isoform 1
maker-3-augustus-gene-22.59-mRNA-1	Japonica	NA		Os03g0143400	OsR498G0305217600.01.T01	Heat shock protein 60 isoform 1
maker-3-augustus-gene-22.67-mRNA-1	Japonica	NA			OsR498G0305219200.01.T01	
maker-3-augustus-gene-221.27-mRNA-1	Japonica	NA		Os03g0434400	OsR498G0306276700.01.T01	Putative PhzC/PhzF-type epimerase
maker-3-augustus-gene-221.32-mRNA-1	Japonica	NA		Os03g0435200		Pentatricopeptide, putative
maker-3-augustus-gene-221.34-mRNA-1	Japonica	NA		Os03g0435300	OsR498G0306279500.01.T01	U-box domain-containing protein 4
maker-3-augustus-gene-221.36-mRNA-1	Japonica	Japonica		Os03g0434500	OsR498G0306278000.01.T01	Peroxidase
maker-3-augustus-gene-221.37-mRNA-1	Japonica	NA				Peroxidase
maker-3-augustus-gene-222.36-mRNA-1	Japonica	NA		Os03g0436300	OsR498G0306282100.01.T01	Calmodulin-binding protein, putative, expressed

maker-3-augustus-gene-222.41-mRNA-1	Japonica	NA		Os03g0437600	OsR498G0306286600.01.T01	Alpha/beta hydroxylase D14
maker-3-augustus-gene-223.38-mRNA-1	Japonica	NA		Os03g0439500	OsR498G0306294500.01.T01	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-3-augustus-gene-223.40-mRNA-1	Japonica	NA		Os03g0438100	OsR498G0306289400.01.T01	Allene-oxide cyclase
maker-3-augustus-gene-224.0-mRNA-1	Japonica	NA	LRR-TM	Os03g0440900	OsR498G0306297500.01.T01	Somatic embryogenesis receptor kinase 1
maker-3-augustus-gene-224.17-mRNA-1	Japonica	NA			OsR498G0306297800.01.T01	RST domain-containing protein
maker-3-augustus-gene-224.5-mRNA-1	Japonica	NA		Os03g0439700	OsR498G0306295000.01.T02	protein CONSERVED IN THE GREEN LINEAGE AND DIATOMS 27, chloroplastic
maker-3-augustus-gene-225.30-mRNA-1	Japonica	NA		Os03g0442900	OsR498G0306305300.01.T02	
maker-3-augustus-gene-225.32-mRNA-1	Japonica	NA		Os08g0487300	OsR498G0816350400.01.T01	Transposon protein, putative, Mutator sub-class
maker-3-augustus-gene-226.27-mRNA-1	Japonica	NA				HGWP repeat containing protein-like
maker-3-augustus-gene-227.4-mRNA-1	Japonica	NA		Os03g0445700	OsR498G0306326100.01.T01	LOB domain-containing protein 37
maker-3-augustus-gene-229.24-mRNA-1	Japonica	Japonica		Os03g0448500	OsR498G0203451400.01.T02	Calcineurin B-like protein 7
maker-3-augustus-gene-23.30-mRNA-1	Japonica	NA		Os03g0145200	OsR498G0305222100.01.T01	GATA transcription factor
maker-3-augustus-gene-23.32-mRNA-1	Japonica	NA			OsR498G0305223500.01.T04	
maker-3-augustus-gene-23.35-mRNA-1	Japonica	NA		Os03g0145700	OsR498G0305223500.01.T02	
maker-3-augustus-gene-23.37-mRNA-1	Japonica	NA				E3 ubiquitin-protein ligase miel1
maker-3-augustus-gene-23.45-mRNA-1	Japonica	NA		Os03g0146000	OsR498G0305224700.01.T01	GTP-binding protein yptV3
maker-3-augustus-gene-23.49-mRNA-1	Japonica	NA			OsR498G0305226300.01.T02	Cyclin-dependent kinases regulatory subunit
maker-3-augustus-gene-23.53-mRNA-1	Japonica	Indica		Os03g0146400	OsR498G0305226500.01.T01	Pheophorbide a oxygenase chloroplastic
maker-3-augustus-gene-23.58-mRNA-1	Japonica	NA		Os03g0146500	OsR498G0305226700.01.T02	(RAP Annotation release2) Galactose-binding like domain containing protein
maker-3-augustus-gene-23.63-mRNA-1	Japonica	NA		Os03g0145500	OsR498G0305222800.01.T01	UDENN domain-containing protein
maker-3-augustus-gene-23.70-mRNA-1	Japonica	NA				Zinc finger CCCH domain-containing protein 48-like
maker-3-augustus-gene-23.72-mRNA-1	Japonica	Indica		Os03g0145800	OsR498G0305224200.01.T01	Tankyrase-1
maker-3-augustus-gene-23.75-mRNA-1	Japonica	Indica		Os03g0146100	OsR498G0305225000.01.T02	Tonoplast intrinsic protein 1
maker-3-augustus-gene-230.21-mRNA-1	Japonica	NA			OsR498G0306318000.01.T01	Exonuclease/helicase-like
maker-3-augustus-gene-230.23-mRNA-1	Japonica	NA				Mitotic checkpoint protein BUB3
maker-3-augustus-gene-230.28-mRNA-1	Japonica	NA		Os03g0448700	OsR498G0306320700.01.T03	Interferon-related developmental regulator family protein / IFRD protein family
maker-3-augustus-gene-232.30-mRNA-1	Japonica	NA		Os03g0452300	OsR498G0306330000.01.T02	30S ribosomal protein S5, chloroplastic
maker-3-augustus-gene-233.0-mRNA-1	Japonica	NA		Os03g0453800	OsR498G0306337300.01.T02	
maker-3-augustus-gene-233.13-mRNA-1	Japonica	NA		Os12g0468900	OsR498G0510193500.01.T01	Cell wall protein-like
maker-3-augustus-gene-233.15-mRNA-1	Japonica	NA		Os03g0454100	OsR498G0306337600.01.T01	Serine incorporator 3
maker-3-augustus-gene-233.2-mRNA-1	Japonica	NA			OsR498G0306333700.01.T03	
maker-3-augustus-gene-233.6-mRNA-1	Japonica	NA			OsR498G0306338700.01.T03	LON peptidase N-terminal domain and RING finger protein 1
maker-3-augustus-gene-234.0-mRNA-1	Japonica	NA			OsR498G0306340300.01.T01	DUF1336 domain containing protein expressed
maker-3-augustus-gene-24.1-mRNA-1	Japonica	NA				Protein SHOOT GRAVITROPISM 6 isoform D
maker-3-augustus-gene-24.12-mRNA-1	Japonica	NA		Os03g0147400	OsR498G0305229600.01.T02	CitMHS domain-containing protein
maker-3-augustus-gene-24.16-mRNA-1	Japonica	Indica		Os01g0267100	OsR498G0305231800.01.T01	Methyltransferase-like protein 1 isoform A
maker-3-augustus-gene-24.21-mRNA-1	Japonica	NA		Os03g0148000	OsR498G0305232200.01.T01	Homogentisate phytyltransferase 1
maker-3-augustus-gene-24.24-mRNA-1	Japonica	NA			OsR498G0305232600.01.T01	Mesoderm development candidate
maker-3-augustus-gene-24.8-mRNA-1	Japonica	NA		Os03g0147900	OsR498G0305231900.01.T03	Mitochondrial inner membrane protease subunit 2
maker-3-augustus-gene-240.34-mRNA-1	Japonica	NA			OsR498G0306444400.01.T01	GDSL esterase/lipase
maker-3-augustus-gene-249.0-mRNA-1	Japonica	NA		Os03g0595200	OsR498G0306493500.01.T01	Cysteine synthase 2-like isoform X1
maker-3-augustus-gene-25.38-mRNA-1	Japonica	NA	Kinase	Os03g0148700	OsR498G0305233300.01.T01	Serine/threonine protein kinase
maker-3-augustus-gene-25.43-mRNA-1	Japonica	Indica		Os03g0149400	OsR498G0305237100.01.T05	TPR Domain containing protein, expressed
maker-3-augustus-gene-25.45-mRNA-1	Japonica	NA		Os03g0148800		Lysine-specific demethylase SE14
maker-3-augustus-gene-25.47-mRNA-1	Japonica	NA		Os03g0149200	OsR498G0305235800.01.T01	HR-like lesion-inducing protein-related
maker-3-augustus-gene-25.51-mRNA-1	Japonica	NA			OsR498G0305236200.01.T02	
maker-3-augustus-gene-26.38-mRNA-1	Japonica	Indica		Os03g0150700	OsR498G0305239700.01.T01	
maker-3-augustus-gene-26.40-mRNA-1	Japonica	NA			OsR498G0305240700.01.T02	Putative lysine-specific demethylase ELF6
maker-3-augustus-gene-26.44-mRNA-1	Japonica	NA		Os03g0151700	OsR498G0305241500.01.T01	WD repeat-containing protein 3
maker-3-augustus-gene-26.48-mRNA-1	Japonica	NA		Os03g0152100	OsR498G0305244100.01.T02	Transcription factor-like protein DPB
maker-3-augustus-gene-26.53-mRNA-1	Japonica	NA		Os03g0152300	OsR498G0305244300.01.T01	Peroxidase
maker-3-augustus-gene-26.55-mRNA-1	Japonica	NA				Appr-1-p processing enzyme family protein, expressed
maker-3-augustus-gene-26.62-mRNA-1	Japonica	NA		Os03g0151800	OsR498G0305242000.01.T01	Cell division cycle protein 48 like
maker-3-augustus-gene-26.67-mRNA-1	Japonica	NA		Os03g0151900	OsR498G0305242200.01.T01	Ras-related protein RABF1
maker-3-augustus-gene-26.70-mRNA-1	Japonica	NA		Os03g0152000	OsR498G0305243800.01.T01	HMA domain-containing protein
maker-3-augustus-gene-26.75-mRNA-1	Japonica	NA			OsR498G0305245000.01.T01	4-coumarate--CoA ligase-like protein 7
maker-3-augustus-gene-26.78-mRNA-1	Japonica	NA		Os03g0152600	OsR498G0305245400.01.T03	D-tagatose-1,6-bisphosphate aldolase subunit
maker-3-augustus-gene-265.15-mRNA-1	Japonica	NA		Os10g0425500	OsR498G1018754900.01.T01	BTB/POZ and MATH domain-containing protein 1
maker-3-augustus-gene-265.2-mRNA-1	Japonica	NA			OsR498G0409123600.01.T01	
maker-3-augustus-gene-265.3-mRNA-1	Japonica	NA		Os10g0426800	OsR498G1018758700.01.T01	BTB domain-containing protein
maker-3-augustus-gene-265.6-mRNA-1	Japonica	NA		Os10g0425900	OsR498G1018755900.01.T01	BTB/POZ and MATH domain-containing protein 2

maker-3-augustus-gene-266.0-mRNA-1	Japonica	NA	Os10g0423600	OsR498G1018758400.01.T01	Speckle-type POZ protein-like protein A
maker-3-augustus-gene-267.15-mRNA-1	Japonica	NA	Os10g0422200	OsR498G1018745900.01.T01	Hcy-binding domain-containing protein
maker-3-augustus-gene-267.3-mRNA-1	Japonica	NA	Os10g0422566	OsR498G1018748000.01.T03	Pentatricopeptide repeat-containing protein mitochondrial
maker-3-augustus-gene-267.4-mRNA-1	Japonica	NA		OsR498G1018745200.01.T01	NAB domain-containing protein (Fragment)
maker-3-augustus-gene-267.7-mRNA-1	Japonica	NA	Os10g0422500	OsR498G1018747300.01.T03	Type IV inositol polyphosphate 5-phosphatase
maker-3-augustus-gene-268.41-mRNA-1	Japonica	NA			
maker-3-augustus-gene-268.43-mRNA-1	Japonica	NA		OsR498G1018741700.01.T01	CAF1 family ribonuclease containing protein
maker-3-augustus-gene-269.0-mRNA-1	Japonica	NA	Os10g0420000	OsR498G1018738600.01.T01	Alkylated DNA repair protein alkB like 6
maker-3-augustus-gene-269.11-mRNA-1	Japonica	NA	Os10g0419400	OsR498G1018736600.01.T01	1,2-dihydroxy-3-keto-5-methylthiopentene dioxxygenase
maker-3-augustus-gene-269.13-mRNA-1	Japonica	NA	Os10g0419300	OsR498G1018736000.01.T03	Heat shock transcription factor
maker-3-augustus-gene-269.15-mRNA-1	Japonica	NA	Os10g0419200		zinc finger protein JACKDAW
maker-3-augustus-gene-269.17-mRNA-1	Japonica	NA	Os10g0420400	OsR498G1018739300.01.T01	Sulfate anion transporter
maker-3-augustus-gene-269.21-mRNA-1	Japonica	NA		OsR498G1018738700.01.T02	IQ calmodulin-binding motif family protein, expressed
maker-3-augustus-gene-269.24-mRNA-1	Japonica	NA	Os10g0419100	OsR498G1018735300.01.T02	Perakine reductase
maker-3-augustus-gene-269.7-mRNA-1	Japonica	NA	Os10g0419600	OsR498G1018737400.01.T01	Chlorophyllase
maker-3-augustus-gene-269.9-mRNA-1	Japonica	NA	Os10g0419500	OsR498G1018737000.01.T01	1,2-dihydroxy-3-keto-5-methylthiopentene dioxxygenase
maker-3-augustus-gene-27.46-mRNA-1	Japonica	NA	Os03g0152700	OsR498G0305245500.01.T03	S4 RNA-binding domain-containing protein (Fragment)
maker-3-augustus-gene-27.52-mRNA-1	Japonica	NA	Os03g0152800	OsR498G0305245700.01.T06	S4 RNA-binding domain-containing protein
maker-3-augustus-gene-27.59-mRNA-1	Japonica	Japonica	Os03g0152900	OsR498G0305245900.01.T02	Kinesin-like protein KIN-UA
maker-3-augustus-gene-27.65-mRNA-1	Japonica	Indica	Os03g0153500	OsR498G0305246500.01.T01	FAD binding domain containing protein, expressed
maker-3-augustus-gene-27.67-mRNA-1	Japonica	NA	Os03g0153500	OsR498G0305247100.01.T02	FAD binding domain containing protein, expressed
maker-3-augustus-gene-27.70-mRNA-1	Japonica	NA	Os03g0153900	OsR498G0305247700.01.T03	FAD binding domain containing protein, expressed
maker-3-augustus-gene-27.74-mRNA-1	Japonica	NA	Os03g0154100	OsR498G0305248100.01.T01	FAD binding domain containing protein, expressed
maker-3-augustus-gene-27.76-mRNA-1	Japonica	NA	Os03g0154700	OsR498G0305248900.01.T01	30S ribosomal protein S4, chloroplastic
maker-3-augustus-gene-27.79-mRNA-1	Japonica	NA	Os03g0154100	OsR498G0305249300.01.T01	FAD binding domain containing protein, expressed
maker-3-augustus-gene-27.80-mRNA-1	Japonica	NA	Os03g0155300	OsR498G0305249700.01.T01	Expansin
maker-3-augustus-gene-27.82-mRNA-1	Japonica	NA		OsR498G0305246200.01.T02	Splicing factor isoform 1
maker-3-augustus-gene-27.85-mRNA-1	Japonica	Indica	Os10g0439200	OsR498G0305250200.01.T01	Expansin
maker-3-augustus-gene-270.27-mRNA-1	Japonica	NA	Os10g0417800	OsR498G1018729400.01.T02	Plant-specific domain TIGR01615 family protein
maker-3-augustus-gene-270.29-mRNA-1	Japonica	NA	Os10g0418000	OsR498G1018731500.01.T01	Probable histone H2A variant 2
maker-3-augustus-gene-270.31-mRNA-1	Japonica	NA	Os10g0417600	OsR498G1018728100.01.T02	GDP-mannose 3,5-epimerase 1
maker-3-augustus-gene-271.32-mRNA-1	Japonica	NA	Os10g0415900	OsR498G1018721000.01.T03	Histone acetyltransferase
maker-3-augustus-gene-271.36-mRNA-1	Japonica	NA	Os10g0415400	OsR498G1018719200.01.T03	
maker-3-augustus-gene-271.38-mRNA-1	Japonica	NA	Os10g0415300	OsR498G1018718600.01.T01	Glutathione reductase, chloroplastic
maker-3-augustus-gene-271.43-mRNA-1	Japonica	NA	Os10g0415800		Acylamino-acid-releasing enzyme like
maker-3-augustus-gene-271.45-mRNA-1	Japonica	NA	Os10g0415600	OsR498G1018720700.01.T05	Acylaminoacyl-peptidase
maker-3-augustus-gene-272.0-mRNA-1	Japonica	NA	Os10g0414500	OsR498G1018716600.01.T02	Putative 16S rRNA (Cytidine(1402)-2'-O)-methyltransferase
maker-3-augustus-gene-272.11-mRNA-1	Japonica	NA	Os10g0414800	OsR498G1018717500.01.T01	Myosin-binding protein 1
maker-3-augustus-gene-272.13-mRNA-1	Japonica	NA	Os10g0414700	OsR498G1018717300.01.T01	KH domain containing protein, expressed
maker-3-augustus-gene-272.16-mRNA-1	Japonica	NA	Os10g0414000	OsR498G1018712900.01.T01	NAC domain-containing protein
maker-3-augustus-gene-272.18-mRNA-1	Japonica	NA	Os10g0413900	OsR498G1018712500.01.T02	NAC domain-containing protein
maker-3-augustus-gene-272.21-mRNA-1	Japonica	NA	Os10g0413700	OsR498G1018711900.01.T01	NAC domain-containing protein
maker-3-augustus-gene-272.23-mRNA-1	Japonica	NA	Os10g0413400	OsR498G1018710900.01.T01	Glycerol-3-phosphate 2-O-acyltransferase
maker-3-augustus-gene-272.4-mRNA-1	Japonica	NA	Os10g0413500	OsR498G1018711200.01.T01	Procollagen-proline 4-dioxygenase
maker-3-augustus-gene-272.9-mRNA-1	Japonica	NA	Os10g0415100	OsR498G1018717900.01.T01	GABA transporter 1
maker-3-augustus-gene-273.24-mRNA-1	Japonica	NA	Os10g0412700	OsR498G1018709400.01.T01	Thaumatococcus
maker-3-augustus-gene-273.26-mRNA-1	Japonica	NA	Os10g0412100	OsR498G1018708600.01.T03	Carbon catabolite repressor protein 2
maker-3-augustus-gene-273.31-mRNA-1	Japonica	NA		OsR498G1018708400.01.T02	Phospholipid-transporting ATPase
maker-3-augustus-gene-273.42-mRNA-1	Japonica	NA			40S ribosomal protein S28
maker-3-augustus-gene-274.31-mRNA-1	Japonica	Indica	Os03g0167400	OsR498G1018705400.01.T01	Lipase, putative, expressed
maker-3-augustus-gene-274.36-mRNA-1	Japonica	NA	Os10g0410700	OsR498G1018704600.01.T02	Histone-lysine N-methyltransferase ATXR4
maker-3-augustus-gene-274.37-mRNA-1	Japonica	NA	Os10g0410700	OsR498G1018704600.01.T01	Histone-lysine N-methyltransferase ATXR4
maker-3-augustus-gene-274.42-mRNA-1	Japonica	NA	Os10g0409900	OsR498G1018704000.01.T01	Kelch motif family protein, expressed
maker-3-augustus-gene-274.43-mRNA-1	Japonica	NA	Os10g0411500	OsR498G1018706700.01.T01	IQ domain-containing protein IQM6
maker-3-augustus-gene-274.47-mRNA-1	Japonica	NA		OsR498G1018704900.01.T01	Transposable element protein, putative, MuDR
maker-3-augustus-gene-274.48-mRNA-1	Japonica	NA	Os01g0204900	OsR498G0203659800.01.T01	rRNA N-glycosidase
maker-3-augustus-gene-274.61-mRNA-1	Japonica	NA	Os10g0410600	OsR498G1018704300.01.T02	Serine/threonine-protein phosphatase
maker-3-augustus-gene-275.20-mRNA-1	Japonica	NA	Os10g0409400	OsR498G1018700800.01.T01	Polygalacturonase 2
maker-3-augustus-gene-277.0-mRNA-1	Japonica	NA	Os10g0407200	OsR498G1018685800.01.T01	Putative endoplasmic reticulum membrane protein C16E8.02
maker-3-augustus-gene-277.11-mRNA-1	Japonica	NA		OsR498G1018686900.01.T02	Exonuclease
maker-3-augustus-gene-277.15-mRNA-1	Japonica	NA	Os10g0406800	OsR498G1018684300.01.T01	

maker-3-augustus-gene-277.2-mRNA-1	Japonica	NA		Os10g0407100	OsR498G1018685600.01.T02	50S ribosomal protein L32, chloroplastic
maker-3-augustus-gene-277.4-mRNA-1	Japonica	NA			OsR498G1018685200.01.T03	Pectinesterase
maker-3-augustus-gene-277.7-mRNA-1	Japonica	NA		Os10g0407500	OsR498G1018687100.01.T01	Ribulose-phosphate 3-epimerase
maker-3-augustus-gene-278.0-mRNA-1	Japonica	NA			OsR498G1018681600.01.T01	Putative mannan synthase 2
maker-3-augustus-gene-278.14-mRNA-1	Japonica	NA		Os10g0405600	OsR498G1018678000.01.T01	ATP-dependent 6-phosphofructokinase 5, chloroplastic
maker-3-augustus-gene-278.18-mRNA-1	Japonica	NA		Os10g0405500	OsR498G1018677700.01.T01	Meiosis-specific protein PAIR3
maker-3-augustus-gene-278.22-mRNA-1	Japonica	NA		Os10g0405300	OsR498G1018677300.01.T01	AvrRpt-cleavage domain-containing protein (Fragment)
maker-3-augustus-gene-278.24-mRNA-1	Japonica	NA	Kinase-TM	Os10g0405100	OsR498G1018676700.01.T05	probable serine/threonine-protein kinase PBL3
maker-3-augustus-gene-278.8-mRNA-1	Japonica	NA		Os10g0406200	OsR498G1018679400.01.T03	Putative methyltransferase-like protein 7B-like
maker-3-augustus-gene-28.0-mRNA-1	Japonica	Indica		Os03g0156000	OsR498G0305250700.01.T01	Expansin
maker-3-augustus-gene-28.10-mRNA-1	Japonica	NA		Os03g0157300	OsR498G0305254100.01.T03	Cell number regulator 13
maker-3-augustus-gene-28.17-mRNA-1	Japonica	NA		Os03g0157500	OsR498G0305254900.01.T02	FH protein interacting protein FIP2
maker-3-augustus-gene-28.20-mRNA-1	Japonica	Indica		Os04g0228400	OsR498G0305250400.01.T01	Expansin
maker-3-augustus-gene-28.22-mRNA-1	Japonica	NA		Os03g0156600	OsR498G0305252000.01.T01	Heavy metal-associated isoprenylated protein 1
maker-3-augustus-gene-28.24-mRNA-1	Japonica	NA		Os03g0156700	OsR498G0305252200.01.T02	Nickel/cobalt transporter, high-affinity
maker-3-augustus-gene-28.27-mRNA-1	Japonica	NA		Os03g0157400	OsR498G0305254600.01.T01	ABC transporter domain-containing protein (Fragment)
maker-3-augustus-gene-28.3-mRNA-1	Japonica	NA		Os03g0156000	OsR498G0305251100.01.T01	Expansin
maker-3-augustus-gene-28.5-mRNA-1	Japonica	NA		Os03g0156500	OsR498G0305251700.01.T01	HTH La-type RNA-binding domain-containing protein
maker-3-augustus-gene-281.18-mRNA-1	Japonica	NA		Os10g0401100	OsR498G1018661100.01.T01	Endonuclease/Exonuclease/phosphatase family protein, expressed
maker-3-augustus-gene-283.0-mRNA-1	Japonica	NA			OsR498G1018649200.01.T01	Delta(24)-sterol reductase
maker-3-augustus-gene-283.2-mRNA-1	Japonica	NA		Os10g0397200	OsR498G1018648800.01.T04	Transcription initiation factor TFIIE beta subunit
maker-3-augustus-gene-284.0-mRNA-1	Japonica	NA		Os10g0396400	OsR498G1018647400.01.T02	F-box/LRR-repeat protein 15
maker-3-augustus-gene-284.12-mRNA-1	Japonica	NA		Os10g0402100	OsR498G1018645200.01.T01	No apical meristem protein, expressed
maker-3-augustus-gene-284.15-mRNA-1	Japonica	NA		Os10g0395400	OsR498G1018644800.01.T01	Bronze-2 protein (Fragment)
maker-3-augustus-gene-284.17-mRNA-1	Japonica	NA				Stress enhanced protein 1 chloroplastic
maker-3-augustus-gene-284.21-mRNA-1	Japonica	NA				Myosin-15 isoform A
maker-3-augustus-gene-284.28-mRNA-1	Japonica	NA		Os10g0395500	OsR498G1018644900.01.T05	Proteasome assembly chaperone 3
maker-3-augustus-gene-284.7-mRNA-1	Japonica	NA		Os10g0396300	OsR498G1018646800.01.T02	MOB kinase activator family
maker-3-augustus-gene-285.37-mRNA-1	Japonica	NA	Kinase	Os10g0395000	OsR498G1018643000.01.T01	Serine/threonine-protein kinase RIPK
maker-3-augustus-gene-285.44-mRNA-1	Japonica	CC-NBS-TM			OsR498G1018641100.01.T02	Putative disease resistance protein RGA3
maker-3-augustus-gene-285.47-mRNA-1	Japonica	Indica		Os03g0605300	OsR498G1018640500.01.T01	Subtilisin-like protease
maker-3-augustus-gene-285.52-mRNA-1	Japonica	NA		Os10g0393800	OsR498G1018638500.01.T01	GDSL-like Lipase/Acylhydrolase family protein, expressed
maker-3-augustus-gene-286.38-mRNA-1	Japonica	NA		Os10g0393100	OsR498G1018638000.01.T01	Presenilin/signal peptide peptidase
maker-3-augustus-gene-286.40-mRNA-1	Japonica	NA			OsR498G1018636800.01.T02	Translation initiation factor eIF-2B beta subunit
maker-3-augustus-gene-286.45-mRNA-1	Japonica	NA		Os10g0392500		
maker-3-augustus-gene-286.46-mRNA-1	Japonica	NA		Os10g0392400	OsR498G1018635200.01.T01	Tify domain-containing protein (Fragment)
maker-3-augustus-gene-286.48-mRNA-1	Japonica	NA		Os10g0393500	OsR498G1018638100.01.T01	GDSL esterase/lipase
maker-3-augustus-gene-286.51-mRNA-1	Japonica	NA		Os10g0392900	OsR498G1018637700.01.T01	GDSL-like Lipase/Acylhydrolase family protein, expressed
maker-3-augustus-gene-286.53-mRNA-1	Japonica	NA		Os10g0392600	OsR498G1018636500.01.T01	SPX domain-containing protein 3
maker-3-augustus-gene-287.17-mRNA-1	Japonica	NA		Os10g0390800	OsR498G1018627100.01.T02	Ethylene-responsive element binding protein 2
maker-3-augustus-gene-287.19-mRNA-1	Japonica	NA		Os10g0390650		
maker-3-augustus-gene-287.21-mRNA-1	Japonica	NA		Os10g0390600	OsR498G1018626700.01.T03	Alanine aminotransferase5
maker-3-augustus-gene-287.26-mRNA-1	Japonica	NA		Os10g0390500	OsR498G1018626300.01.T02	Alanine aminotransferase
maker-3-augustus-gene-287.4-mRNA-1	Japonica	NA			OsR498G1018628000.01.T03	
maker-3-augustus-gene-287.7-mRNA-1	Japonica	NA		Os10g0390900	OsR498G1018628000.01.T01	SAC domain-containing protein
maker-3-augustus-gene-287.9-mRNA-1	Japonica	NA		Os10g0390100	OsR498G1018626200.01.T02	Pumilio homolog 23
maker-3-augustus-gene-288.11-mRNA-1	Japonica	NA		Os10g0389200	OsR498G1018622600.01.T01	Red chlorophyll catabolite reductase chloroplastic
maker-3-augustus-gene-288.12-mRNA-1	Japonica	NA				Red chlorophyll catabolite reductase
maker-3-augustus-gene-288.18-mRNA-1	Japonica	NA		Os10g0389000	OsR498G1018621400.01.T02	Probable calcium-binding protein CML8
maker-3-augustus-gene-288.2-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os10g0389800	OsR498G1018625400.01.T01	Strubbelig-receptor family 6
maker-3-augustus-gene-288.28-mRNA-1	Japonica	NA		Os10g0388900	OsR498G1018621200.01.T02	Eukaryotic initiation factor 4a (Fragment)
maker-3-augustus-gene-288.31-mRNA-1	Japonica	NA			OsR498G1221458900.01.T01	Retrotransposon protein, putative, unclassified, expressed
maker-3-augustus-gene-288.9-mRNA-1	Japonica	NA			OsR498G1018623600.01.T02	Red chlorophyll catabolite reductase chloroplastic
maker-3-augustus-gene-289.0-mRNA-1	Japonica	NA		Os10g0387000	OsR498G1018615200.01.T01	Ethanolamine-phosphate cytidylyltransferase-like
maker-3-augustus-gene-289.6-mRNA-1	Japonica	NA				ATP-dependent DNA helicase
maker-3-augustus-gene-29.45-mRNA-1	Japonica	NA		Os03g0157700	OsR498G0305255500.01.T01	
maker-3-augustus-gene-29.47-mRNA-1	Japonica	NA				HRDC domain-containing protein (Fragment)
maker-3-augustus-gene-29.53-mRNA-1	Japonica	NA			OsR498G0305256500.01.T01	DEAD-box ATP-dependent RNA helicase 38
maker-3-augustus-gene-29.61-mRNA-1	Japonica	NA		Os03g0159200	OsR498G0305258100.01.T02	XS domain containing protein expressed
maker-3-augustus-gene-29.63-mRNA-1	Japonica	NA		Os03g0159700	OsR498G0305259300.01.T06	Pentatricopeptide repeat-containing protein, mitochondrial
maker-3-augustus-gene-29.65-mRNA-1	Japonica	NA	Kinase-TM	Os03g0160100	OsR498G0305260500.01.T01	Serine/threonine-protein kinase EDR1

maker-3-augustus-gene-29.70-mRNA-1	Japonica	NA		Os03g0158300		Photosynthetic NDH subunit of subcomplex B 2 chloroplastic
maker-3-augustus-gene-29.72-mRNA-1	Japonica	NA		Os03g0158500	OsR498G0305257000.01.T02	Evolutionarily conserved C-terminal region 2
maker-3-augustus-gene-29.78-mRNA-1	Japonica	NA			OsR498G0305257800.01.T03	Subtilisin-like protease
maker-3-augustus-gene-29.79-mRNA-1	Japonica	NA		Os03g0159000		Inhibitor 19 domain-containing protein
maker-3-augustus-gene-29.88-mRNA-1	Japonica	NA		Os03g0159600	OsR498G0305259200.01.T01	Late embryogenesis abundant
maker-3-augustus-gene-292.25-mRNA-1	Japonica	NA		Os10g0384600	OsR498G1018602400.01.T01	F-box domain containing protein, expressed
maker-3-augustus-gene-292.27-mRNA-1	Japonica	NA			OsR498G0101949000.01.T01	
maker-3-augustus-gene-292.31-mRNA-1	Japonica	NA		Os03g0340600		
maker-3-augustus-gene-293.0-mRNA-1	Japonica	NA				F-box domain containing protein
maker-3-augustus-gene-294.0-mRNA-1	Japonica	NA		Os10g0381501		
maker-3-augustus-gene-294.2-mRNA-1	Japonica	NA		Os10g0382300	OsR498G1018596500.01.T01	CTLH domain-containing protein
maker-3-augustus-gene-294.7-mRNA-1	Japonica	NA		Os07g0165500	OsR498G0203722500.01.T01	Cytokinin inducible protein-like
maker-3-augustus-gene-295.37-mRNA-1	Japonica	NA		Os10g0379100	OsR498G1018591600.01.T01	Tryptamine hydroxycinnamoyl transferase
maker-3-augustus-gene-295.38-mRNA-1	Japonica	NA		Os10g0379100	OsR498G1018590600.01.T01	Tryptamine hydroxycinnamoyl transferase
maker-3-augustus-gene-295.45-mRNA-1	Japonica	NA		Os10g0379100	OsR498G1018592300.01.T01	Tryptamine hydroxycinnamoyl transferase
maker-3-augustus-gene-296.23-mRNA-1	Japonica	NA		Os10g0378100	OsR498G1018586200.01.T02	Ent-kaurenoic acid oxidase like
maker-3-augustus-gene-296.30-mRNA-1	Japonica	NA		Os10g0378300	OsR498G1018586300.01.T01	Protein CutA, chloroplastic isoform C
maker-3-augustus-gene-296.35-mRNA-1	Japonica	NA		Os10g0378075		
maker-3-augustus-gene-297.0-mRNA-1	Japonica	NA		Os10g0378050	OsR498G1018586200.01.T02	Ent-kaurenoic acid oxidase like
maker-3-augustus-gene-297.13-mRNA-1	Japonica	Indica		Os03g0188900	OsR498G1018583100.01.T01	Homeodomain-leucine zipper transcription factor TaHDZipl-1
maker-3-augustus-gene-297.3-mRNA-1	Japonica	NA		Os10g0377800	OsR498G1018585200.01.T01	NAD(P)H-hydrate epimerase
maker-3-augustus-gene-3.0-mRNA-1	Japonica	NA		Os03g0108600	OsR498G0305096500.01.T01	DEAD-box ATP-dependent RNA helicase
maker-3-augustus-gene-3.12-mRNA-1	Japonica	NA		Os03g0108901		
maker-3-augustus-gene-3.13-mRNA-1	Japonica	NA		Os03g0109000	OsR498G0305097500.01.T01	Vascular related NAC-domain protein 1
maker-3-augustus-gene-3.18-mRNA-1	Japonica	NA		Os03g0109300	OsR498G0305099300.01.T01	Cytokinin riboside 5'-monophosphate phosphoribohydrolase
maker-3-augustus-gene-3.22-mRNA-1	Japonica	NA		Os03g0109400	OsR498G0305101300.01.T03	Rolled leaf2
maker-3-augustus-gene-3.38-mRNA-1	Japonica	NA		Os03g0108700	OsR498G0305096800.01.T01	Aldehyde oxygenase (deformylating)
maker-3-augustus-gene-3.4-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0118400	OsR498G0305096900.01.T04	Cell division control protein A
maker-3-augustus-gene-3.40-mRNA-1	Japonica	NA		Os03g0109600	OsR498G0305101800.01.T01	Nascent polypeptide-associated complex subunit beta
maker-3-augustus-gene-3.43-mRNA-1	Japonica	NA				Nascent polypeptide-associated complex subunit beta
maker-3-augustus-gene-3.45-mRNA-1	Japonica	NA		Os03g0109700	OsR498G0305102600.01.T04	CemA-like proton extrusion protein-related
maker-3-augustus-gene-3.50-mRNA-1	Japonica	NA				
maker-3-augustus-gene-30.0-mRNA-1	Japonica	NA		Os03g0161000	OsR498G0305262700.01.T01	
maker-3-augustus-gene-30.13-mRNA-1	Japonica	NA				F-box domain-containing protein
maker-3-augustus-gene-30.15-mRNA-1	Japonica	NA		Os03g0161200	OsR498G0305263600.01.T01	STA5 domain
maker-3-augustus-gene-30.4-mRNA-1	Japonica	NA		Os03g0161100		NAB domain-containing protein
maker-3-augustus-gene-30.7-mRNA-1	Japonica	NA		Os03g0160400	OsR498G0305261200.01.T02	p-loop containing nucleoside triphosphate hydrolases superfamily protein is
maker-3-augustus-gene-30.9-mRNA-1	Japonica	Indica		Os10g0422500	OsR498G0305261600.01.T06	Type IV inositol polyphosphate 5-phosphatase
maker-3-augustus-gene-300.0-mRNA-1	Japonica	NA		Os10g0370800	OsR498G1018561600.01.T01	Mannan endo-1,4-beta-mannosidase
maker-3-augustus-gene-300.4-mRNA-1	Japonica	NA		Os10g0370700	OsR498G1018561400.01.T07	Putative LeOPT1-oligopeptide transporter
maker-3-augustus-gene-300.7-mRNA-1	Japonica	NA		Os10g0371000	OsR498G1018562700.01.T01	Pollen-specific protein C13
maker-3-augustus-gene-301.22-mRNA-1	Japonica	NA		Os10g0370500	OsR498G1018560400.01.T01	Mannan endo-1,4-beta-mannosidase
maker-3-augustus-gene-302.0-mRNA-1	Japonica	NA		Os10g0370000	OsR498G1018558800.01.T04	PPM-type phosphatase domain-containing protein
maker-3-augustus-gene-302.9-mRNA-1	Japonica	NA		Os10g0368800	OsR498G1018556410.01.T06	Pentatricopeptide, putative, expressed
maker-3-augustus-gene-303.24-mRNA-1	Japonica	NA		Os09g0368200	OsR498G1018555800.01.T01	Polyamine oxidase
maker-3-augustus-gene-304.8-mRNA-1	Japonica	NA		Os10g0365800	OsR498G1018554500.01.T01	
maker-3-augustus-gene-308.11-mRNA-1	Japonica	NA		Os10g0358600	OsR498G1018527900.01.T01	Histone deacetylase complex subunit SAP30
maker-3-augustus-gene-308.7-mRNA-1	Japonica	NA		Os10g0358700	OsR498G1018528200.01.T01	Pentatricopeptide repeat-containing protein
maker-3-augustus-gene-308.9-mRNA-1	Japonica	NA			OsR498G0204226400.01.T01	Plant disease resistance polypeptide-like
maker-3-augustus-gene-31.11-mRNA-1	Japonica	NA		Os03g0161900	OsR498G0305270500.01.T08	Heat shock transcription factor
maker-3-augustus-gene-31.19-mRNA-1	Japonica	NA		Os03g0162200	OsR498G0305273100.01.T01	Probable histone H2A variant 1
maker-3-augustus-gene-31.21-mRNA-1	Japonica	Indica		Os03g0162800	OsR498G0305275500.01.T01	Very-long-chain 3-oxoacyl-CoA synthase
maker-3-augustus-gene-310.20-mRNA-1	Japonica	NA		Os10g0352000	OsR498G1018524000.01.T01	TRIO and F-actin-binding protein
maker-3-augustus-gene-310.22-mRNA-1	Japonica	NA		Os10g0351700	OsR498G1018523500.01.T01	GH10 domain-containing protein (Fragment)
maker-3-augustus-gene-315.15-mRNA-1	Japonica	NA		Os10g0345900		
maker-3-augustus-gene-316.21-mRNA-1	Japonica	NA		Os10g0345100	OsR498G1018505600.01.T02	Protein DETOXIFICATION
maker-3-augustus-gene-316.25-mRNA-1	Japonica	NA		Os02g0325401	OsR498G1220897000.01.T02	
maker-3-augustus-gene-316.27-mRNA-1	Japonica	NA		Os10g0345600	OsR498G1018508100.01.T02	Qwrf motif-containing protein 2
maker-3-augustus-gene-316.32-mRNA-1	Japonica	NA		Os10g0344900	OsR498G1018504700.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-317.37-mRNA-1	Japonica	NA		Os10g0344900	OsR498G1018502800.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-317.40-mRNA-1	Japonica	NA		Os10g0343900	OsR498G1018501800.01.T05	Glutaredoxin domain-containing cysteine-rich protein 1

maker-3-augustus-gene-317.48-mRNA-1	Japonica	NA		Os10g0343400	OsR498G1018500800.01.T01	Mixed-linked glucan synthase 2
maker-3-augustus-gene-317.50-mRNA-1	Japonica	NA		Os10g0343200	OsR498G1018500200.01.T01	
maker-3-augustus-gene-317.52-mRNA-1	Japonica	NA		Os10g0343100	OsR498G1018499900.01.T03	Syntaxin/t-SNARE family protein
maker-3-augustus-gene-318.33-mRNA-1	Japonica	NA		Os01g0533400	OsR498G1018495200.01.T02	Beta-galactosidase 13
maker-3-augustus-gene-318.39-mRNA-1	Japonica	NA		Os10g0341700	OsR498G1018496500.01.T02	Cellulose synthase family protein, expressed
maker-3-augustus-gene-319.0-mRNA-1	Japonica	NA			OsR498G1018487000.01.T01	Large secreted protein, putative, expressed
maker-3-augustus-gene-32.40-mRNA-1	Japonica	NA		Os03g0163100	OsR498G0305276100.01.T02	CASTOR/POLLUX/SYM8 ion channel
maker-3-augustus-gene-32.47-mRNA-1	Japonica	NA		Os03g0163200	OsR498G0305276300.01.T01	
maker-3-augustus-gene-32.49-mRNA-1	Japonica	NA		Os03g0163300	OsR498G0305276500.01.T03	Glutathione reductase, chloroplastic
maker-3-augustus-gene-32.54-mRNA-1	Japonica	NA		Os03g0164700	OsR498G0305280300.01.T01	Carbohydrate kinase PfkB
maker-3-augustus-gene-32.57-mRNA-1	Japonica	Japonica		Os03g0163400	OsR498G0305276800.01.T02	Altered inheritance of mitochondria protein 24, mitochondrial
maker-3-augustus-gene-32.59-mRNA-1	Japonica	NA				GRF zinc finger family protein, expressed
maker-3-augustus-gene-32.61-mRNA-1	Japonica	Japonica		Os03g0164400	OsR498G0204262300.01.T01	Transposon protein, putative, unclassified, expressed
maker-3-augustus-gene-32.63-mRNA-1	Japonica	NA			OsR498G0305280600.01.T01	Myosin-binding protein 1 isoform X1
maker-3-augustus-gene-32.65-mRNA-1	Japonica	NA		Os03g0165000	OsR498G0305280800.01.T05	DNA topoisomerase
maker-3-augustus-gene-32.70-mRNA-1	Japonica	Japonica		Os03g0165100	OsR498G0305281400.01.T02	Rf1 protein, mitochondrial, putative
maker-3-augustus-gene-320.32-mRNA-1	Japonica	NA				Large secreted protein, putative, expressed
maker-3-augustus-gene-320.35-mRNA-1	Japonica	NA		Os02g0777700	OsR498G0204870100.01.T02	Opaque endosperm1
maker-3-augustus-gene-321.32-mRNA-1	Japonica	NA			OsR498G1018483400.01.T01	FAR1 domain-containing protein
maker-3-augustus-gene-321.34-mRNA-1	Japonica	Indica		Os03g0209400	OsR498G1018481400.01.T02	Golgi transport 1 protein B
maker-3-augustus-gene-321.37-mRNA-1	Japonica	NA		Os10g0338000	OsR498G1018482100.01.T01	
maker-3-augustus-gene-321.39-mRNA-1	Japonica	NA		Os10g0337500	OsR498G1018481100.01.T02	S-acyltransferase
maker-3-augustus-gene-323.0-mRNA-1	Japonica	NA		Os10g0331700	OsR498G1018472400.01.T01	UDP-glucuronosyl and UDP-glucosyl transferase family protein, expressed
maker-3-augustus-gene-323.2-mRNA-1	Japonica	NA		Os02g0156100	OsR498G0202996300.01.T02	Protein kinase domain-containing protein
maker-3-augustus-gene-324.39-mRNA-1	Japonica	NA				UDP-glucuronosyl and UDP-glucosyl transferase family protein, expressed
maker-3-augustus-gene-324.41-mRNA-1	Japonica	NA			OsR498G0408446100.01.T01	Far-red impaired response-like
maker-3-augustus-gene-325.29-mRNA-1	Japonica	NA	Kinase-TM	Os10g0329700	OsR498G1018459800.01.T01	Receptor-like serine/threonine-protein kinase
maker-3-augustus-gene-325.34-mRNA-1	Japonica	NA			OsR498G0509715500.01.T01	Ulp1 protease family, C-terminal catalytic domain containing protein
maker-3-augustus-gene-325.36-mRNA-1	Japonica	NA				
maker-3-augustus-gene-327.30-mRNA-1	Japonica	NA	Kinase-TM	Os10g0327000	OsR498G1018449400.01.T02	Receptor-like serine/threonine-protein kinase
maker-3-augustus-gene-33.35-mRNA-1	Japonica	Japonica		Os03g0165266	OsR498G0305281500.01.T01	SNF2 domain-containing protein / helicase domain-containing protein
maker-3-augustus-gene-33.38-mRNA-1	Japonica	NA		Os03g0165800	OsR498G0305284300.01.T01	Vesicle-associated membrane protein 726
maker-3-augustus-gene-33.41-mRNA-1	Japonica	Indica		Os10g0413500	OsR498G0305285500.01.T01	Procollagen-proline 4-dioxygenase
maker-3-augustus-gene-33.44-mRNA-1	Japonica	NA		Os03g0165300	OsR498G0305282000.01.T01	Benzothiadiazole-induced homeodomain protein 1
maker-3-augustus-gene-33.46-mRNA-1	Japonica	NA		Os03g0165400	OsR498G0305283000.01.T01	Beta-galactosidase
maker-3-augustus-gene-33.52-mRNA-1	Japonica	NA			OsR498G0305284000.01.T02	Inactive ubiquitin carboxyl-terminal hydrolase 54
maker-3-augustus-gene-33.58-mRNA-1	Japonica	NA		Os03g0165900	OsR498G0305284600.01.T01	Protein SULFUR DEFICIENCY-INDUCED like
maker-3-augustus-gene-33.60-mRNA-1	Japonica	Indica		Os03g0166000	OsR498G0305285000.01.T01	Alba domain-containing protein
maker-3-augustus-gene-33.65-mRNA-1	Japonica	Indica		Os03g0166600	OsR498G0305287000.01.T01	PlsC domain-containing protein (Fragment)
maker-3-augustus-gene-330.0-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-3-augustus-gene-330.12-mRNA-1	Japonica	NA		Os10g0322250		Inorganic phosphate transporter 6
maker-3-augustus-gene-335.21-mRNA-1	Japonica	NA				
maker-3-augustus-gene-337.0-mRNA-1	Japonica	NA				Putative ATP synthase subunit
maker-3-augustus-gene-338.0-mRNA-1	Japonica	NA				
maker-3-augustus-gene-339.0-mRNA-1	Japonica	NA		Os03g0563100	OsR498G0306381300.01.T01	L-gulonolactone oxidase
maker-3-augustus-gene-339.2-mRNA-1	Japonica	NA		Os03g0563600	OsR498G0306383900.01.T01	Peroxidase
maker-3-augustus-gene-339.5-mRNA-1	Japonica	Indica		Os03g0564200	OsR498G0306387300.01.T03	Boron transporter 1-like
maker-3-augustus-gene-339.9-mRNA-1	Japonica	NA		Os03g0563300	OsR498G0306382200.01.T01	Mg-protoporphyrin IX chelatase
maker-3-augustus-gene-34.52-mRNA-1	Japonica	NA		Os03g0166800	OsR498G0305287500.01.T02	Carbon catabolite repressor protein 2
maker-3-augustus-gene-34.57-mRNA-1	Japonica	Japonica		Os03g0167000	OsR498G0305287700.01.T02	AAI domain-containing protein (Fragment)
maker-3-augustus-gene-34.59-mRNA-1	Japonica	NA		Os03g0167400	OsR498G0305288700.01.T01	Lipase, putative, expressed
maker-3-augustus-gene-34.61-mRNA-1	Japonica	NA			OsR498G0305289500.01.T04	Receptor y region, transmembrane domain-and RING domain-containing protein
maker-3-augustus-gene-34.65-mRNA-1	Japonica	NA		Os03g0167600	OsR498G0305289900.01.T01	Fatty acyl-CoA reductase
maker-3-augustus-gene-34.70-mRNA-1	Japonica	NA		Os03g0167800	OsR498G0305290500.01.T01	Kelch motif family protein, expressed
maker-3-augustus-gene-34.72-mRNA-1	Japonica	NA		Os03g0168000	OsR498G0305291100.01.T01	Major facilitator superfamily domain-containing protein 12
maker-3-augustus-gene-34.75-mRNA-1	Japonica	NA		Os03g0168200	OsR498G0305291500.01.T01	tRNA pseudouridine synthase A, mitochondrial (Fragment)
maker-3-augustus-gene-34.81-mRNA-1	Japonica	NA		Os03g0167200	OsR498G0305288200.01.T05	IQ domain-containing protein IQM2
maker-3-augustus-gene-34.84-mRNA-1	Japonica	NA		Os03g0805300	OsR498G0307234100.01.T02	Serine/threonine-protein phosphatase
maker-3-augustus-gene-34.89-mRNA-1	Japonica	NA		Os03g0168100	OsR498G0305291400.01.T01	Embryonic protein DC-8
maker-3-augustus-gene-34.91-mRNA-1	Japonica	NA		Os03g0168300	OsR498G0305291800.01.T02	Pentatricopeptide repeat-containing protein
maker-3-augustus-gene-34.95-mRNA-1	Japonica	NA			OsR498G0305292600.01.T01	Thioredoxin-like 1-1 chloroplastic

maker-3-augustus-gene-34.98-mRNA-1	Japonica	NA			OsR498G0305293200.01.T01	Cytochrome P450 family protein, expressed
maker-3-augustus-gene-340.0-mRNA-1	Japonica	NA		Os03g0565200	OsR498G0306392300.01.T01	Haloacid dehalogenase-like hydrolase domain-containing protein isoform X1
maker-3-augustus-gene-340.4-mRNA-1	Japonica	NA		Os03g0565300	OsR498G0306392700.01.T06	PMD domain-containing protein
maker-3-augustus-gene-340.6-mRNA-1	Japonica	NA		Os03g0565500	OsR498G0306393900.01.T01	Elongation factor G, mitochondrial
maker-3-augustus-gene-341.39-mRNA-1	Japonica	NA		Os03g0566600	OsR498G0306396500.01.T02	Nodulation protein noel
maker-3-augustus-gene-341.41-mRNA-1	Japonica	NA				Tobamovirus multiplication protein 1
maker-3-augustus-gene-341.47-mRNA-1	Japonica	NA		Os03g0565900	OsR498G0306396000.01.T01	PMD domain-containing protein
maker-3-augustus-gene-341.49-mRNA-1	Japonica	NA		Os03g0566500	OsR498G0306396400.01.T01	La-related protein 7
maker-3-augustus-gene-341.56-mRNA-1	Japonica	NA		Os03g0567600	OsR498G0306399600.01.T01	Glycosyltransferase
maker-3-augustus-gene-342.11-mRNA-1	Japonica	NA			OsR498G0306403600.01.T01	
maker-3-augustus-gene-342.3-mRNA-1	Japonica	NA	Kinase-TM	Os03g0568800	OsR498G0306402700.01.T01	Proline-rich receptor-like protein kinase PERK13
maker-3-augustus-gene-342.5-mRNA-1	Japonica	Japonica		Os03g0568500	OsR498G0306402000.01.T03	Protein FATTY ACID EXPORT like
maker-3-augustus-gene-342.8-mRNA-1	Japonica	NA		Os03g0568900	OsR498G0306403000.01.T01	Purple acid phosphatase
maker-3-augustus-gene-343.0-mRNA-1	Japonica	NA			OsR498G0509784600.01.T01	SANT domain-containing protein
maker-3-augustus-gene-343.5-mRNA-1	Japonica	NA		Os03g0570200	OsR498G0203772900.01.T07	
maker-3-augustus-gene-35.42-mRNA-1	Japonica	NA		Os03g0168900	OsR498G0305294100.01.T01	Ribulose-phosphate 3-epimerase
maker-3-augustus-gene-35.44-mRNA-1	Japonica	NA		Os03g0169100	OsR498G0305294500.01.T01	Ribulose-phosphate 3-epimerase, chloroplastic
maker-3-augustus-gene-35.48-mRNA-1	Japonica	Indica		Os03g0169500	OsR498G0305295700.01.T01	Glucomannan 4-beta-mannosyltransferase
maker-3-augustus-gene-35.53-mRNA-1	Japonica	NA		Os03g0169600	OsR498G0305296300.01.T01	Cyclic dof factor 2
maker-3-augustus-gene-35.55-mRNA-1	Japonica	NA		Os03g0170300	OsR498G0305297900.01.T02	3-dehydroquinate synthase
maker-3-augustus-gene-35.60-mRNA-1	Japonica	NA		Os03g0169000	OsR498G0305294400.01.T02	O-fucosyltransferase family protein (Fragment)
maker-3-augustus-gene-35.65-mRNA-1	Japonica	NA		Os03g0169400	OsR498G0305295600.01.T01	50S ribosomal protein L18, chloroplastic
maker-3-augustus-gene-35.67-mRNA-1	Japonica	NA		Os03g0169800	OsR498G0305296600.01.T05	HNHc domain-containing protein (Fragment)
maker-3-augustus-gene-35.68-mRNA-1	Japonica	NA		Os03g0169900	OsR498G0305297000.01.T01	AvrRpt-cleavage domain-containing protein (Fragment)
maker-3-augustus-gene-35.71-mRNA-1	Japonica	NA		Os03g0170200		
maker-3-augustus-gene-35.82-mRNA-1	Japonica	NA				Homeobox-leucine zipper protein like
maker-3-augustus-gene-35.84-mRNA-1	Japonica	NA		Os03g0170900	OsR498G0305302600.01.T03	Sucrose transporter 6
maker-3-augustus-gene-350.37-mRNA-1	Japonica	Indica		Os03g0581800	OsR498G0306451900.01.T03	1D-myo-inositol 2-amino-2-deoxy-alpha-D-glucopyranoside ligase
maker-3-augustus-gene-358.2-mRNA-1	Japonica	NA		Os03g0595200	OsR498G0306493500.01.T01	Cysteine synthase 2-like isoform X1
maker-3-augustus-gene-359.55-mRNA-1	Japonica	NA		Os03g0598200	OsR498G0306503000.01.T01	Nucleolar protein 14
maker-3-augustus-gene-36.0-mRNA-1	Japonica	NA		Os03g0171700	OsR498G0305305500.01.T01	Transcription factor ILI5
maker-3-augustus-gene-36.10-mRNA-1	Japonica	NA		Os03g0171300	OsR498G0305303400.01.T03	Transcription factor like
maker-3-augustus-gene-36.14-mRNA-1	Japonica	NA		Os03g0172200	OsR498G0305306400.01.T01	Proteinase inhibitor I25, cystatin
maker-3-augustus-gene-36.2-mRNA-1	Japonica	NA		Os03g0171900	OsR498G0305305900.01.T03	Alanine-glyoxylate aminotransferase
maker-3-augustus-gene-36.7-mRNA-1	Japonica	NA		Os03g0172000	OsR498G0305306100.01.T01	Peptidase S59 domain-containing protein (Fragment)
maker-3-augustus-gene-361.2-mRNA-1	Japonica	NA				RRM domain-containing protein
maker-3-augustus-gene-361.4-mRNA-1	Japonica	Japonica		Os03g0600500	OsR498G1018781700.01.T01	Glucan endo-1,3-beta-glucosidase GII
maker-3-augustus-gene-364.0-mRNA-1	Japonica	Japonica		Os03g0606100	OsR498G0306528600.01.T04	Lipase, putative, expressed
maker-3-augustus-gene-366.9-mRNA-1	Japonica	NA		Os03g0609800	OsR498G0306545400.01.T01	BTB/POZ domain-containing protein NPY2
maker-3-augustus-gene-37.0-mRNA-1	Japonica	NA		Os03g0173900	OsR498G0305309500.01.T04	E3 ubiquitin-protein ligase BIG BROTHER
maker-3-augustus-gene-37.10-mRNA-1	Japonica	NA		Os03g0174200	OsR498G0305309900.01.T01	Polyadenylate-binding protein RBP47B
maker-3-augustus-gene-37.13-mRNA-1	Japonica	Indica		Os03g0174300	OsR498G0305310300.01.T04	Putative glucuronoxylan glucuronosyltransferase F8H
maker-3-augustus-gene-37.18-mRNA-1	Japonica	NA		Os03g0174600	OsR498G0305311100.01.T03	tRNA-5-taurinomethyluridine 2-sulfurtransferase
maker-3-augustus-gene-37.24-mRNA-1	Japonica	NA		Os03g0173500	OsR498G0713747300.01.T07	Protein-serine/threonine phosphatase
maker-3-augustus-gene-37.26-mRNA-1	Japonica	NA		Os03g0173700	OsR498G0305308400.01.T02	RNase H domain-containing protein
maker-3-augustus-gene-37.29-mRNA-1	Japonica	NA		Os03g0174500	OsR498G0305311000.01.T01	Adenylosuccinate synthetase, chloroplastic
maker-3-augustus-gene-37.31-mRNA-1	Japonica	NA		Os03g0174900	OsR498G0305311800.01.T01	CCAAT-binding transcription factor B
maker-3-augustus-gene-37.5-mRNA-1	Japonica	NA		Os03g0174100	OsR498G0305309700.01.T01	Polyadenylate-binding protein RBP47B
maker-3-augustus-gene-373.5-mRNA-1	Japonica	Japonica		Os03g0623100	OsR498G0306583300.01.T01	
maker-3-augustus-gene-374.0-mRNA-1	Japonica	Indica		Os03g0624000	OsR498G0306586700.01.T02	probable transcription factor KAN4
maker-3-augustus-gene-374.2-mRNA-1	Japonica	NA		Os03g0624600	OsR498G0306589500.01.T01	Protein CUP-SHAPED COTYLEDON 2
maker-3-augustus-gene-374.8-mRNA-1	Japonica	Japonica		Os03g0625500	OsR498G0306592200.01.T02	FBD domain-containing protein
maker-3-augustus-gene-375.17-mRNA-1	Japonica	NA		Os03g0625800	OsR498G0306593100.01.T03	Putative E3 ubiquitin-protein ligase ARI2
maker-3-augustus-gene-375.19-mRNA-1	Japonica	Indica		Os03g0626100	OsR498G0306594300.01.T01	Putative E3 ubiquitin-protein ligase ARI2
maker-3-augustus-gene-375.21-mRNA-1	Japonica	Japonica		Os03g0626100	OsR498G0306594700.01.T01	Putative E3 ubiquitin-protein ligase ARI1
maker-3-augustus-gene-375.23-mRNA-1	Japonica	NA			OsR498G0306595700.01.T05	Inositol polyphosphate 5-phosphatase
maker-3-augustus-gene-375.29-mRNA-1	Japonica	NA		Os03g0626600	OsR498G0306596100.01.T06	LIM zinc-binding domain-containing protein
maker-3-augustus-gene-375.31-mRNA-1	Japonica	NA			OsR498G0306593000.01.T01	Exocyst complex
maker-3-augustus-gene-375.39-mRNA-1	Japonica	NA		Os03g0625900	OsR498G0306593400.01.T01	U3 snoRNP-associated protein-like YAOH
maker-3-augustus-gene-375.41-mRNA-1	Japonica	NA		Os03g0626700	OsR498G0306597000.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-376.34-mRNA-1	Japonica	NA		Os03g0626800	OsR498G0306597900.01.T01	Calcineurin B

maker-3-augustus-gene-376.41-mRNA-1	Japonica	NA			OsR498G0306598900.01.T04	Iron-sulfur protein NUBPL
maker-3-augustus-gene-377.38-mRNA-1	Japonica	NA		Os03g0628800	OsR498G0306604300.01.T01	Toxin PezT
maker-3-augustus-gene-377.41-mRNA-1	Japonica	NA			OsR498G0306608300.01.T01	
maker-3-augustus-gene-377.42-mRNA-1	Japonica	NA		Os03g0628900	OsR498G0306604800.01.T01	Prefoldin subunit 4
maker-3-augustus-gene-377.44-mRNA-1	Japonica	NA			OsR498G0306607400.01.T01	F-box domain-containing protein (Fragment)
maker-3-augustus-gene-378.36-mRNA-1	Japonica	Indica		Os12g0600200	OsR498G0306609600.01.T01	E3 ubiquitin protein ligase DRIP2
maker-3-augustus-gene-379.26-mRNA-1	Japonica	NA		Os03g0633400	OsR498G0306610500.01.T02	F-box/LRR-repeat protein 17-like isoform X1
maker-3-augustus-gene-379.31-mRNA-1	Japonica	NA		Os03g0633800	OsR498G0306611700.01.T01	Auxin-responsive protein IAA12
maker-3-augustus-gene-379.33-mRNA-1	Japonica	NA		Os03g0633500	OsR498G0306610800.01.T01	Auxin-responsive protein IAA11
maker-3-augustus-gene-379.35-mRNA-1	Japonica	NA		Os03g0633900	OsR498G0306612000.01.T01	Primosome PriB/single-strand DNA-binding protein
maker-3-augustus-gene-379.39-mRNA-1	Japonica	NA		Os03g0634000	OsR498G0306612400.01.T01	Sec-independent protein translocase protein Tata
maker-3-augustus-gene-379.41-mRNA-1	Japonica	NA		Os03g0635100		GTP binding protein gamma subunit
maker-3-augustus-gene-379.43-mRNA-1	Japonica	Indica		Os03g0635800	OsR498G0306615200.01.T01	VAN3-binding protein isoform X4
maker-3-augustus-gene-38.0-mRNA-1	Japonica	Indica		Os03g0175600	OsR498G0305315100.01.T01	Nitrilase/cyanide hydratase and apolipoprotein N-acyltransferase family pro
maker-3-augustus-gene-38.14-mRNA-1	Japonica	NA		Os03g0177300	OsR498G0305320100.01.T04	RING-type E3 ubiquitin transferase
maker-3-augustus-gene-38.18-mRNA-1	Japonica	NA		Os03g0177400	OsR498G0305320300.01.T01	Elongation factor 1-alpha
maker-3-augustus-gene-38.19-mRNA-1	Japonica	NA		Os03g0177500	OsR498G0305320300.01.T04	Elongation factor 1-alpha
maker-3-augustus-gene-38.24-mRNA-1	Japonica	NA			OsR498G0305317800.01.T02	AP2-EREBP-type transcription factor
maker-3-augustus-gene-38.26-mRNA-1	Japonica	NA		Os03g0176600	OsR498G0305318800.01.T01	Protein kinase domain-containing protein
maker-3-augustus-gene-38.29-mRNA-1	Japonica	Japonica		Os03g0176800	OsR498G0305319000.01.T02	Cupin type-1 domain-containing protein
maker-3-augustus-gene-38.34-mRNA-1	Japonica	Indica		Os09g0357250	OsR498G0305320000.01.T01	Zinc finger protein ZFPM2
maker-3-augustus-gene-38.5-mRNA-1	Japonica	Japonica		Os03g0176100	OsR498G1018648800.01.T04	Transcription initiation factor IIE subunit beta
maker-3-augustus-gene-38.8-mRNA-1	Japonica	NA		Os03g0177000	OsR498G0305319700.01.T01	Acyl-CoA N-acyltransferase (NAT) superfamily protein
maker-3-augustus-gene-380.20-mRNA-1	Japonica	NA		Os09g0401600	OsR498G0917411600.01.T01	Plant UBX domain-containing protein 2
maker-3-augustus-gene-380.24-mRNA-1	Japonica	Japonica		Os03g0636700	OsR498G1222064900.01.T01	IQ motif, EF-hand binding site
maker-3-augustus-gene-380.27-mRNA-1	Japonica	Indica	Kinase-TM	Os12g0604700	OsR498G0306621200.01.T01	Serine/threonine-protein kinase Nek2
maker-3-augustus-gene-381.0-mRNA-1	Japonica	NA		Os03g0638200	OsR498G0306626300.01.T08	Organic cation/carnitine transporter 7
maker-3-augustus-gene-381.11-mRNA-1	Japonica	NA				CRC domain-containing protein TSO1 isoform X1
maker-3-augustus-gene-381.5-mRNA-1	Japonica	Indica	Kinase	Os12g0605900	OsR498G0306628100.01.T01	Serinethreonine-protein kinase sty17
maker-3-augustus-gene-381.8-mRNA-1	Japonica	NA			OsR498G0306624800.01.T01	NAB domain-containing protein
maker-3-augustus-gene-382.0-mRNA-1	Japonica	NA			OsR498G0306632300.01.T02	DIRP family protein, expressed
maker-3-augustus-gene-382.11-mRNA-1	Japonica	NA		Os03g0639600	OsR498G0306636000.01.T01	LSD1-type zinc finger protein
maker-3-augustus-gene-382.5-mRNA-1	Japonica	NA		Os03g0639300	OsR498G0306633100.01.T01	Transcription factor PIF1 (Fragment)
maker-3-augustus-gene-382.6-mRNA-1	Japonica	Indica		Os12g0610200	OsR498G0306633100.01.T01	transcription factor PHYTOCHROME INTERACTING FACTOR-LIKE 13-like isofo
maker-3-augustus-gene-383.28-mRNA-1	Japonica	NA		Os03g0639700	OsR498G0306637300.01.T02	DNA repair protein recA, chloroplastic
maker-3-augustus-gene-383.32-mRNA-1	Japonica	NA		Os03g0639800	OsR498G0306637600.01.T01	Vacuolar protein sorting-associated protein 2 like 2
maker-3-augustus-gene-383.38-mRNA-1	Japonica	Indica		Os03g0640100	OsR498G0306639600.01.T02	Histone-binding protein MS1
maker-3-augustus-gene-383.39-mRNA-1	Japonica	NA		Os03g0640100	OsR498G0306639600.01.T03	Histone-binding protein MS1
maker-3-augustus-gene-383.46-mRNA-1	Japonica	Japonica		Os03g0640200	OsR498G0306640800.01.T01	KxDL motif-containing protein 1
maker-3-augustus-gene-383.48-mRNA-1	Japonica	NA			OsR498G0306640000.01.T03	PIG-P domain-containing protein
maker-3-augustus-gene-383.50-mRNA-1	Japonica	NA		Os03g0640400	OsR498G0306640800.01.T01	KxDL motif-containing protein 1
maker-3-augustus-gene-383.52-mRNA-1	Japonica	NA		Os03g0640800	OsR498G0306641800.01.T01	Homeobox-leucine zipper protein ATHB-14
maker-3-augustus-gene-384.33-mRNA-1	Japonica	NA		Os03g0641500	OsR498G0306646300.01.T01	
maker-3-augustus-gene-384.35-mRNA-1	Japonica	NA		Os03g0641700	OsR498G0306647100.01.T03	Mediator of RNA polymerase II transcription subunit 19a
maker-3-augustus-gene-384.39-mRNA-1	Japonica	NA		Os03g0641200	OsR498G0306643800.01.T01	High affinity cationic amino acid transporter 1
maker-3-augustus-gene-384.41-mRNA-1	Japonica	Indica		Os12g0613250	OsR498G0306644400.01.T01	BTB/POZ domain-containing protein At1g30440
maker-3-augustus-gene-384.43-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0306653000.01.T01	Wall-associated receptor kinase 5
maker-3-augustus-gene-385.33-mRNA-1	Japonica	NA		Os03g0644000	OsR498G0306653900.01.T03	Beclin 1 protein (Fragment)
maker-3-augustus-gene-385.37-mRNA-1	Japonica	NA		Os03g0642900	OsR498G0306651200.01.T03	Phosphonate metabolism protein, putative
maker-3-augustus-gene-385.42-mRNA-1	Japonica	NA		Os03g0643100	OsR498G0713408500.01.T01	WAC domain-containing protein
maker-3-augustus-gene-385.45-mRNA-1	Japonica	NA	Kinase-TM	Os03g0643250		Phosphonate metabolism protein, putative
maker-3-augustus-gene-385.49-mRNA-1	Japonica	NA		Os03g0643300	OsR498G0306653600.01.T01	Ornithine--oxo-acid aminotransferase
maker-3-augustus-gene-385.55-mRNA-1	Japonica	NA		Os03g0643900		
maker-3-augustus-gene-385.56-mRNA-1	Japonica	NA		Os03g0644400	OsR498G0306655000.01.T01	Proline transporter
maker-3-augustus-gene-386.0-mRNA-1	Japonica	NA		Os03g0645000	OsR498G0306657300.01.T02	Beta-expansin 4
maker-3-augustus-gene-386.6-mRNA-1	Japonica	Indica		Os03g0645100	OsR498G0306657700.01.T01	Pyruvate dehydrogenase (acetyl-transferring)
maker-3-augustus-gene-386.8-mRNA-1	Japonica	Indica		Os12g0617100	OsR498G0306658000.01.T01	Translation initiation factor eIF-2B delta subunit
maker-3-augustus-gene-387.0-mRNA-1	Japonica	NA		Os03g0646100	OsR498G0306664100.01.T01	Tubulin GTPase
maker-3-augustus-gene-387.14-mRNA-1	Japonica	NA		Os03g0646400	OsR498G0306664800.01.T03	EXPERA domain-containing protein (Fragment)
maker-3-augustus-gene-387.16-mRNA-1	Japonica	Indica		Os12g0617900	OsR498G0306665600.01.T01	Serine/threonine-protein phosphatase
maker-3-augustus-gene-387.24-mRNA-1	Japonica	NA		Os03g0647600	OsR498G0306667600.01.T01	CCAAT-binding transcription factor B

maker-3-augustus-gene-387.7-mRNA-1	Japonica	NA			OsR498G0306665300.01.T05	DNA-directed RNA polymerase subunit beta
maker-3-augustus-gene-388.14-mRNA-1	Japonica	NA		Os03g0648500	OsR498G0306670600.01.T01	Phytoecyanin domain-containing protein
maker-3-augustus-gene-388.16-mRNA-1	Japonica	Indica		Os12g0620600	OsR498G0306672200.01.T01	C2 NT-type domain-containing protein
maker-3-augustus-gene-388.4-mRNA-1	Japonica	NA		Os03g0648900	OsR498G0306671900.01.T01	5'-nucleotidase
maker-3-augustus-gene-388.6-mRNA-1	Japonica	NA		Os03g0647800	OsR498G0306669200.01.T01	CSL zinc finger domain-containing protein
maker-3-augustus-gene-388.8-mRNA-1	Japonica	Japonica		Os03g0648300	OsR498G0306670200.01.T01	IQ calmodulin-binding motif family protein, expressed
maker-3-augustus-gene-389.13-mRNA-1	Japonica	NA		Os03g0651000	OsR498G0306681100.01.T01	Glutamyl-tRNA(Gln) amidotransferase subunit C, chloroplastic/mitochondrial
maker-3-augustus-gene-39.0-mRNA-1	Japonica	NA		Os03g0177900	OsR498G0305321100.01.T01	Elongation factor 1-alpha
maker-3-augustus-gene-39.11-mRNA-1	Japonica	NA	Kinase-TM	Os03g0179400	OsR498G0305326300.01.T01	Serine/threonine-protein kinase RIPK
maker-3-augustus-gene-39.15-mRNA-1	Japonica	NA		Os03g0179900	OsR498G0305327300.01.T01	Lipoxygenase
maker-3-augustus-gene-39.19-mRNA-1	Japonica	NA		Os03g0180300	OsR498G0305328700.01.T05	Smr domain-containing protein
maker-3-augustus-gene-39.2-mRNA-1	Japonica	NA		Os03g0178000	OsR498G0305321500.01.T02	Elongation factor 1-alpha
maker-3-augustus-gene-39.23-mRNA-1	Japonica	NA			OsR498G0305321800.01.T02	Putative copper-transporting ATPase PAA1
maker-3-augustus-gene-39.30-mRNA-1	Japonica	NA		Os03g0178300	OsR498G0305322600.01.T01	AB hydrolase-1 domain-containing protein (Fragment)
maker-3-augustus-gene-39.32-mRNA-1	Japonica	NA		Os03g0178400	OsR498G0305322800.01.T02	AB hydrolase-1 domain-containing protein (Fragment)
maker-3-augustus-gene-39.36-mRNA-1	Japonica	NA		Os03g0178500	OsR498G0305323000.01.T01	2-hydroxy-6-oxononadienedioate/2-hydroxy-6-oxononatrienedioate hydrolase
maker-3-augustus-gene-39.4-mRNA-1	Japonica	NA		Os03g0178200	OsR498G0305322300.01.T01	ylmG homolog protein 2, chloroplastic
maker-3-augustus-gene-39.40-mRNA-1	Japonica	NA		Os03g0179700	OsR498G0305326600.01.T01	LURP1-related protein domain containing protein
maker-3-augustus-gene-39.6-mRNA-1	Japonica	NA				Tubulin--tyrosine ligase-like protein 12
maker-3-augustus-gene-390.36-mRNA-1	Japonica	Japonica		Os03g0651800	OsR498G0102706900.01.T02	Germin-like protein 1-3
maker-3-augustus-gene-390.38-mRNA-1	Japonica	NA		Os03g0652100	OsR498G0306685700.01.T01	General negative regulator of transcription subunit 3 isoform X2
maker-3-augustus-gene-390.42-mRNA-1	Japonica	Indica		Os03g0651100	OsR498G0306681400.01.T01	UBA domain-containing protein
maker-3-augustus-gene-390.49-mRNA-1	Japonica	NA		Os03g0651300	OsR498G0306682200.01.T01	Plasma-membrane choline transporter family protein
maker-3-augustus-gene-390.53-mRNA-1	Japonica	NA			OsR498G0306690300.01.T01	F-box domain-containing protein (Fragment)
maker-3-augustus-gene-390.54-mRNA-1	Japonica	Indica		Os03g0652100	OsR498G0306688600.01.T01	Transcription regulator NOT2/NOT3/NOT5 family protein
maker-3-augustus-gene-390.56-mRNA-1	Japonica	NA			OsR498G0306688800.01.T03	AAI domain-containing protein
maker-3-augustus-gene-391.28-mRNA-1	Japonica	NA		Os03g0653900	OsR498G0306691400.01.T02	rRNA N-glycosidase
maker-3-augustus-gene-392.39-mRNA-1	Japonica	NA		Os03g0654500	OsR498G0306694000.01.T02	High affinity cationic amino acid transporter 1
maker-3-augustus-gene-392.45-mRNA-1	Japonica	NA			OsR498G0306694200.01.T02	Protein PHOSPHATE STARVATION RESPONSE 3
maker-3-augustus-gene-392.50-mRNA-1	Japonica	NA			OsR498G0306694400.01.T02	Chlorophyllide b reductase NOLic isoform X2
maker-3-augustus-gene-399.52-mRNA-1	Japonica	NA		Os05g0394100		Glutathione S-transferase T3-like
maker-3-augustus-gene-4.0-mRNA-1	Japonica	NA			OsR498G0305105100.01.T01	LysM domain containing protein, expressed
maker-3-augustus-gene-4.16-mRNA-1	Japonica	NA		Os03g0111500	OsR498G0305107700.01.T01	Valyl-tRNA synthetase
maker-3-augustus-gene-4.19-mRNA-1	Japonica	NA		Os03g0694900	OsR498G0306856700.01.T01	Valyl-tRNA synthetase
maker-3-augustus-gene-4.28-mRNA-1	Japonica	NA		Os03g0111800	OsR498G0305108300.01.T02	Transducin family protein / WD-40 repeat family protein
maker-3-augustus-gene-4.3-mRNA-1	Japonica	NA		Os03g0110800	OsR498G0305105900.01.T02	DNA (cytosine-5)-methyltransferase DRM2
maker-3-augustus-gene-4.34-mRNA-1	Japonica	NA				AP-2 complex subunit alpha
maker-3-augustus-gene-4.40-mRNA-1	Japonica	NA		Os03g0111100	OsR498G0305106600.01.T02	Folylpoly-gamma-glutamate synthetase
maker-3-augustus-gene-4.48-mRNA-1	Japonica	NA		Os03g0111200	OsR498G0305107000.01.T01	Remorin
maker-3-augustus-gene-4.51-mRNA-1	Japonica	Japonica		Os03g0111400	OsR498G0305107600.01.T01	Heavy-metal-associated domain-containing protein, putative, expressed
maker-3-augustus-gene-4.54-mRNA-1	Japonica	NA		Os03g0111600	OsR498G0305108000.01.T01	DUF1618 domain-containing protein (Fragment)
maker-3-augustus-gene-4.9-mRNA-1	Japonica	NA			OsR498G0305106100.01.T08	Stress responsive alpha-beta barrel
maker-3-augustus-gene-40.35-mRNA-1	Japonica	NA		Os03g0180900	OsR498G0305330900.01.T01	Tify domain-containing protein (Fragment)
maker-3-augustus-gene-40.37-mRNA-1	Japonica	NA		Os03g0181500	OsR498G0305333900.01.T01	Very-long-chain 3-oxoacyl-CoA synthase
maker-3-augustus-gene-40.40-mRNA-1	Japonica	NA		Os03g0181600		
maker-3-augustus-gene-40.42-mRNA-1	Japonica	NA			OsR498G0305334900.01.T01	Multidrug/pheromone exporter, MDR family, ABC transporter family
maker-3-augustus-gene-40.44-mRNA-1	Japonica	NA			OsR498G0305335100.01.T01	Multidrug/pheromone exporter, MDR family, ABC transporter family
maker-3-augustus-gene-40.46-mRNA-1	Japonica	NA		Os03g0181800	OsR498G0305335900.01.T04	DUF936 domain-containing protein
maker-3-augustus-gene-40.48-mRNA-1	Japonica	NA		Os03g0180400	OsR498G0305329000.01.T01	Proteasome endopeptidase complex
maker-3-augustus-gene-40.53-mRNA-1	Japonica	NA			OsR498G0612787000.01.T03	UDP-glycosyltransferase TURAN
maker-3-augustus-gene-401.6-mRNA-1	Japonica	Indica		Os03g0670700	OsR498G0306764900.01.T01	Glycine-rich RNA-binding protein GRP1A
maker-3-augustus-gene-402.0-mRNA-1	Japonica	NA		Os03g0671800	OsR498G0306767000.01.T01	Transcription factor bHLH28
maker-3-augustus-gene-402.11-mRNA-1	Japonica	NA			OsR498G0306769800.01.T02	Myb-like protein O
maker-3-augustus-gene-402.2-mRNA-1	Japonica	NA		Os03g0672300	OsR498G0306768400.01.T02	Pyruvate kinase
maker-3-augustus-gene-402.5-mRNA-1	Japonica	NA		Os03g0672400	OsR498G0306768800.01.T01	Pyruvate kinase
maker-3-augustus-gene-402.9-mRNA-1	Japonica	NA			OsR498G0306769200.01.T01	EPIDERMAL PATTERNING FACTOR-like protein 2
maker-3-augustus-gene-403.0-mRNA-1	Japonica	NA		Os03g0672900	OsR498G0306771100.01.T01	GH10 domain-containing protein (Fragment)
maker-3-augustus-gene-403.12-mRNA-1	Japonica	NA		Os03g0847401		HAT family dimerisation domain containing protein
maker-3-augustus-gene-403.14-mRNA-1	Japonica	NA			OsR498G0306773600.01.T01	KNOTTED1 homeodomain protein (Fragment)
maker-3-augustus-gene-403.16-mRNA-1	Japonica	Indica		Os03g0673800	OsR498G0306774000.01.T03	Expressed protein (With alternative splicing)
maker-3-augustus-gene-403.2-mRNA-1	Japonica	Indica		Os03g0125800	OsR498G0306774900.01.T01	DUF21 domain-containing protein isoform A

maker-3-augustus-gene-403.8-mRNA-1	Japonica	NA			OsR498G0306771400.01.T01	Homeotic protein knotted-1
maker-3-augustus-gene-404.43-mRNA-1	Japonica	NA		Os03g0674700	OsR498G0306775700.01.T01	Growth-regulating factor 9
maker-3-augustus-gene-404.46-mRNA-1	Japonica	NA		Os03g0675600	OsR498G0306779900.01.T01	Phytosulfokine-alpha
maker-3-augustus-gene-404.48-mRNA-1	Japonica	NA				
maker-3-augustus-gene-404.50-mRNA-1	Japonica	Japonica		Os03g0675300	OsR498G0306777400.01.T01	Proline synthase co-transcribed bacterial homolog protein
maker-3-augustus-gene-405.0-mRNA-1	Japonica	NA			OsR498G0306786700.01.T02	rRNA N-glycosidase
maker-3-augustus-gene-405.3-mRNA-1	Japonica	NA		Os03g0678400	OsR498G0306792100.01.T02	RING finger protein 5
maker-3-augustus-gene-406.0-mRNA-1	Japonica	NA		Os01g0144300	OsR498G0100163200.01.T01	
maker-3-augustus-gene-406.14-mRNA-1	Japonica	NA		Os01g0233900	OsR498G0100477300.01.T01	UBC core domain-containing protein (Fragment)
maker-3-augustus-gene-406.3-mRNA-1	Japonica	NA		Os03g0679800	OsR498G0306798700.01.T01	Ankyrin repeat family protein
maker-3-augustus-gene-406.8-mRNA-1	Japonica	NA		Os03g0679000	OsR498G0306795400.01.T03	Glucose-induced degradation protein 4
maker-3-augustus-gene-407.26-mRNA-1	Japonica	Japonica		Os03g0680100	OsR498G0306798700.01.T01	TPR Domain containing protein, expressed
maker-3-augustus-gene-407.30-mRNA-1	Japonica	NA		Os03g0680200	OsR498G0306799900.01.T02	TPR Domain containing protein, expressed
maker-3-augustus-gene-407.35-mRNA-1	Japonica	Japonica		Os03g0680700	OsR498G0306801400.01.T01	Homeodomain transcription factor
maker-3-augustus-gene-407.38-mRNA-1	Japonica	NA		Os03g0680800	OsR498G0306802400.01.T06	Benzo[thiadiazole]-induced homeodomain protein 1
maker-3-augustus-gene-408.28-mRNA-1	Japonica	NA			OsR498G0306805100.01.T01	Golgi-body localization protein domain
maker-3-augustus-gene-408.36-mRNA-1	Japonica	NA		Os03g0681700	OsR498G0306805900.01.T03	Target of rapamycin complex subunit LST8
maker-3-augustus-gene-408.41-mRNA-1	Japonica	Indica		Os04g0485100	OsR498G0306806200.01.T02	Serine/threonine protein phosphatase 2A regulatory subunit
maker-3-augustus-gene-408.43-mRNA-1	Japonica	NA		Os03g0681900	OsR498G0306806600.01.T01	Glycine-rich RNA-binding protein RZ1C
maker-3-augustus-gene-409.36-mRNA-1	Japonica	NA				MHD1 domain-containing protein
maker-3-augustus-gene-409.42-mRNA-1	Japonica	NA		Os03g0683800	OsR498G0306812100.01.T01	Gdsl esterase lipase
maker-3-augustus-gene-409.44-mRNA-1	Japonica	NA		Os03g0682600		Argonaute 5
maker-3-augustus-gene-41.36-mRNA-1	Japonica	NA			OsR498G0305336100.01.T01	Flavin-containing monooxygenase
maker-3-augustus-gene-41.39-mRNA-1	Japonica	NA		Os03g0182400	OsR498G0305336500.01.T02	SAC domain-containing protein
maker-3-augustus-gene-41.53-mRNA-1	Japonica	Indica		Os07g0616600	OsR498G0305337000.01.T01	40S ribosomal protein SA
maker-3-augustus-gene-41.57-mRNA-1	Japonica	NA		Os03g0182700	OsR498G0305337200.01.T01	Eukaryotic translation initiation factor 3 subunit K
maker-3-augustus-gene-41.60-mRNA-1	Japonica	NA		Os03g0182800	OsR498G0305337400.01.T01	Ethylene-responsive transcription factor
maker-3-augustus-gene-41.63-mRNA-1	Japonica	NA		Os03g0183000	OsR498G0305337800.01.T02	Jasmonic acid and ethylene responsive factor
maker-3-augustus-gene-41.65-mRNA-1	Japonica	NA		Os03g0183100	OsR498G0305338600.01.T05	SAP-like protein BP-73
maker-3-augustus-gene-41.66-mRNA-1	Japonica	NA		Os03g0183500	OsR498G0305340600.01.T01	FLZ-type domain-containing protein
maker-3-augustus-gene-41.68-mRNA-1	Japonica	Indica		Os10g0390500	OsR498G0305341400.01.T04	Alanine aminotransferase
maker-3-augustus-gene-410.0-mRNA-1	Japonica	NA		Os03g0684300	OsR498G0306813500.01.T01	OB-fold nucleic acid binding domain containing protein, expressed
maker-3-augustus-gene-410.13-mRNA-1	Japonica	NA		Os03g0685000	OsR498G0306815500.01.T03	Ferredoxin
maker-3-augustus-gene-410.17-mRNA-1	Japonica	NA		Os03g0685100	OsR498G0306815700.01.T01	Putative 23S rRNA (Guanosine(2251)-2'-O)-methyltransferase
maker-3-augustus-gene-410.19-mRNA-1	Japonica	NA		Os03g0685300	OsR498G0306817500.01.T01	Gamma-glutamyl peptidase
maker-3-augustus-gene-410.29-mRNA-1	Japonica	NA			OsR498G0306812400.01.T02	HECT domain-containing protein (Fragment)
maker-3-augustus-gene-410.3-mRNA-1	Japonica	NA		Os03g0684400	OsR498G0306813700.01.T02	Magnesium transporter
maker-3-augustus-gene-410.34-mRNA-1	Japonica	NA		Os03g0683900	OsR498G0306812600.01.T02	Ubiquitin-protein ligase E3 B
maker-3-augustus-gene-410.37-mRNA-1	Japonica	NA		Os03g0684000	OsR498G0306812800.01.T01	GATA transcription factor
maker-3-augustus-gene-410.41-mRNA-1	Japonica	NA		Os03g0684100	OsR498G0306813400.01.T01	ARM repeat superfamily protein
maker-3-augustus-gene-410.47-mRNA-1	Japonica	NA		Os03g0684700	OsR498G0306815000.01.T01	HPP family protein, expressed
maker-3-augustus-gene-410.49-mRNA-1	Japonica	NA		Os03g0685500	OsR498G0306818600.01.T01	CHCH domain containing protein, expressed
maker-3-augustus-gene-410.53-mRNA-1	Japonica	NA		Os03g0685600	OsR498G0306818800.01.T02	Angio-associated migratory cell protein isoform X2
maker-3-augustus-gene-410.9-mRNA-1	Japonica	NA		Os03g0684500	OsR498G0306814500.01.T01	Glycosyltransferase family protein 47
maker-3-augustus-gene-411.38-mRNA-1	Japonica	NA				
maker-3-augustus-gene-411.41-mRNA-1	Japonica	Indica		Os03g0686900	OsR498G0306821500.01.T01	Protein FLOURY ENDOSPERM 6, chloroplastic
maker-3-augustus-gene-411.45-mRNA-1	Japonica	NA		Os03g0688200	OsR498G0306828100.01.T01	
maker-3-augustus-gene-411.52-mRNA-1	Japonica	NA		Os03g0687000	OsR498G0306821800.01.T01	Solute carrier family 15 (Peptide/histidine transporter), member 3/4
maker-3-augustus-gene-411.57-mRNA-1	Japonica	Indica		Os03g0687200	OsR498G0306824200.01.T03	Formin-like protein 14
maker-3-augustus-gene-411.62-mRNA-1	Japonica	Japonica		Os03g0688000	OsR498G0306827000.01.T01	rRNA N-glycosidase
maker-3-augustus-gene-412.0-mRNA-1	Japonica	NA		Os03g0688300	OsR498G0306829300.01.T01	Calmodulin domain protein kinase, putative
maker-3-augustus-gene-412.14-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os03g0689800	OsR498G0306832100.01.T01	NB-ARC domain containing protein
maker-3-augustus-gene-412.16-mRNA-1	Japonica	Indica		Os03g0690000	OsR498G0306833100.01.T01	Costars domain-containing protein (Fragment)
maker-3-augustus-gene-412.19-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os03g0689400		Disease resistance protein RGA2
maker-3-augustus-gene-412.2-mRNA-1	Japonica	NA		Os03g0689100	OsR498G0306829900.01.T01	Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase
maker-3-augustus-gene-412.21-mRNA-1	Japonica	Indica		Os03g0689900	OsR498G0306832800.01.T01	Tetratricopeptide repeat protein 38
maker-3-augustus-gene-413.22-mRNA-1	Japonica	Japonica		Os03g0691500	OsR498G0306844300.01.T01	BHLH family protein, putative, expressed
maker-3-augustus-gene-413.25-mRNA-1	Japonica	NA		Os03g0691400	OsR498G0306843600.01.T01	4HBT domain-containing protein
maker-3-augustus-gene-414.0-mRNA-1	Japonica	NA		Os03g0691800	OsR498G0306845300.01.T01	GSDH domain-containing protein (Fragment)
maker-3-augustus-gene-414.11-mRNA-1	Japonica	Japonica		Os03g0692500	OsR498G0306849000.01.T03	Hydroxyproline O-galactosyltransferase GALT4
maker-3-augustus-gene-414.2-mRNA-1	Japonica	NA		Os03g0692000	OsR498G0306845900.01.T01	Beta-glucuronosyltransferase

maker-3-augustus-gene-414.5-mRNA-1	Japonica	NA			OsR498G0306846100.01.T02	
maker-3-augustus-gene-414.8-mRNA-1	Japonica	NA		Os03g0692400	OsR498G0306848200.01.T05	Protein UPSTREAM OF FLC like
maker-3-augustus-gene-415.42-mRNA-1	Japonica	NA		Os03g0693600	OsR498G0306852900.01.T01	Indole-3-acetate beta-glucosyltransferase
maker-3-augustus-gene-415.44-mRNA-1	Japonica	NA		Os03g0694500	OsR498G0306855500.01.T02	Nucleobase-ascorbate transporter LPE1
maker-3-augustus-gene-415.53-mRNA-1	Japonica	NA		Os03g0694900	OsR498G0306856700.01.T01	Valyl-tRNA synthetase
maker-3-augustus-gene-415.59-mRNA-1	Japonica	NA			OsR498G0713858700.01.T01	Kinase D-interacting substrate of
maker-3-augustus-gene-415.62-mRNA-1	Japonica	NA		Os03g0695500	OsR498G0306859100.01.T01	Myelin-associated oligodendrocyte basic protein isoform 1
maker-3-augustus-gene-416.30-mRNA-1	Japonica	NA		Os03g0696000	OsR498G0306860100.01.T02	WHY domain-containing protein
maker-3-augustus-gene-416.32-mRNA-1	Japonica	NA		Os03g0696300	OsR498G0306861700.01.T08	CCAAT-binding transcription factor
maker-3-augustus-gene-416.37-mRNA-1	Japonica	NA		Os03g0695600	OsR498G0306859400.01.T01	Proteasome endopeptidase complex
maker-3-augustus-gene-416.40-mRNA-1	Japonica	NA			OsR498G0306859600.01.T03	Chloride channel protein CLC-d
maker-3-augustus-gene-417.35-mRNA-1	Japonica	NA				C2H2-type domain-containing protein
maker-3-augustus-gene-417.37-mRNA-1	Japonica	NA		Os03g0698500	OsR498G0306867700.01.T06	Yippee domain-containing protein
maker-3-augustus-gene-417.41-mRNA-1	Japonica	NA		Os03g0699200	OsR498G0306870300.01.T01	Pescadillo homolog
maker-3-augustus-gene-417.47-mRNA-1	Japonica	NA		Os03g0699300	OsR498G0306870500.01.T02	Adenylosuccinate synthetase, chloroplastic
maker-3-augustus-gene-417.50-mRNA-1	Japonica	NA		Os03g0699600	OsR498G0306870900.01.T01	LysM domain containing protein, expressed
maker-3-augustus-gene-417.52-mRNA-1	Japonica	NA		Os03g0699700	OsR498G0306871300.01.T01	Lipoxygenase
maker-3-augustus-gene-417.56-mRNA-1	Japonica	Indica		Os03g0698350	OsR498G0306867200.01.T01	ABC1 domain-containing protein
maker-3-augustus-gene-417.62-mRNA-1	Japonica	NA			OsR498G0306870200.01.T01	denticleless protein homolog A
maker-3-augustus-gene-417.65-mRNA-1	Japonica	NA		Os03g0699400	OsR498G0306870800.01.T01	N-alpha-acetyltransferase 20
maker-3-augustus-gene-418.39-mRNA-1	Japonica	NA		Os03g0700400	OsR498G0306873300.01.T03	Lipoxygenase
maker-3-augustus-gene-418.42-mRNA-1	Japonica	NA		Os03g0700700	OsR498G0306875300.01.T02	Lipoxygenase
maker-3-augustus-gene-418.47-mRNA-1	Japonica	NA		Os03g0700800	OsR498G0306875700.01.T02	Ethylene insensitive 2
maker-3-augustus-gene-418.52-mRNA-1	Japonica	Indica		Os03g0701000	OsR498G0306876300.01.T02	TOG domain-containing protein (Fragment)
maker-3-augustus-gene-418.57-mRNA-1	Japonica	NA		Os03g0701200	OsR498G0306876900.01.T01	Suppressor of disruption of TFIIS
maker-3-augustus-gene-418.62-mRNA-1	Japonica	Indica		Os03g0701300	OsR498G0306877500.01.T02	
maker-3-augustus-gene-418.65-mRNA-1	Japonica	NA			OsR498G0306877900.01.T03	Pentatricopeptide repeat-containing protein
maker-3-augustus-gene-418.66-mRNA-1	Japonica	NA			OsR498G0306876800.01.T03	Pre-mRNA-splicing factor 18
maker-3-augustus-gene-419.0-mRNA-1	Japonica	NA		Os03g0701800	OsR498G0306880300.01.T07	Phosphatidylinositol 4-phosphate 5-kinase
maker-3-augustus-gene-419.11-mRNA-1	Japonica	NA		Os03g0701600	OsR498G0306879000.01.T01	CHZ domain-containing protein
maker-3-augustus-gene-419.15-mRNA-1	Japonica	NA		Os03g0701700	OsR498G0306879800.01.T01	Ethylene responsive factor
maker-3-augustus-gene-419.19-mRNA-1	Japonica	NA			OsR498G0306880600.01.T01	Pinin/SDK/memA/ protein conserved region containing protein
maker-3-augustus-gene-419.25-mRNA-1	Japonica	NA		Os03g0702000	OsR498G0306881400.01.T01	Glycosyltransferase
maker-3-augustus-gene-419.27-mRNA-1	Japonica	NA		Os03g0703000	OsR498G0306884400.01.T02	Beta-glucosidase 7
maker-3-augustus-gene-419.34-mRNA-1	Japonica	NA		Os03g0703100	OsR498G0306884800.01.T02	Beta-glucosidase 8
maker-3-augustus-gene-419.41-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os03g0703200	OsR498G0306885000.01.T01	LRR receptor-like serine/threonine-protein kinase
maker-3-augustus-gene-419.6-mRNA-1	Japonica	NA				Organic anion transporter
maker-3-augustus-gene-42.40-mRNA-1	Japonica	NA		Os03g0184100	OsR498G0305343300.01.T06	15-cis-phytoene desaturase chloroplastic/chromoplastic
maker-3-augustus-gene-42.44-mRNA-1	Japonica	NA		Os10g0352200		
maker-3-augustus-gene-42.46-mRNA-1	Japonica	Indica		Os03g0184300	OsR498G0305344900.01.T01	Hexosyltransferase
maker-3-augustus-gene-42.49-mRNA-1	Japonica	NA	LRR-TM	Os03g0184400	OsR498G0305345100.01.T01	Leucine-rich repeat receptor-like serine/threonine-protein kinase
maker-3-augustus-gene-42.52-mRNA-1	Japonica	NA			OsR498G0305345700.01.T01	NAD-dependent epimerase/dehydratase
maker-3-augustus-gene-42.59-mRNA-1	Japonica	NA			OsR498G0305348700.01.T02	GPI inositol-deacylase
maker-3-augustus-gene-42.64-mRNA-1	Japonica	NA		Os03g0186100	OsR498G0305349500.01.T01	Uroporphyrinogen-III synthase
maker-3-augustus-gene-42.71-mRNA-1	Japonica	NA		Os03g0186500	OsR498G0305350300.01.T01	Transmembrane protein 1 (Fragment)
maker-3-augustus-gene-42.73-mRNA-1	Japonica	NA		Os03g0184500	OsR498G0305345400.01.T01	B3 DNA binding domain
maker-3-augustus-gene-42.75-mRNA-1	Japonica	NA		Os03g0184700	OsR498G0305346200.01.T01	Origin of replication complex subunit like
maker-3-augustus-gene-420.0-mRNA-1	Japonica	NA		Os03g0703900	OsR498G0306887100.01.T01	SNARE associated Golgi protein family
maker-3-augustus-gene-420.11-mRNA-1	Japonica	NA			OsR498G0306889100.01.T05	Oxysterol-binding protein-related protein 1C
maker-3-augustus-gene-420.15-mRNA-1	Japonica	NA		Os03g0703300	OsR498G0306885200.01.T01	Opaque endosperm10
maker-3-augustus-gene-420.19-mRNA-1	Japonica	NA	Kinase-TM	Os03g0703400	OsR498G0306885800.01.T03	Mitogen-activated protein kinase kinase kinase 1
maker-3-augustus-gene-420.23-mRNA-1	Japonica	NA			OsR498G0306887800.01.T03	Histone-lysine N-methyltransferase ASHR1
maker-3-augustus-gene-420.3-mRNA-1	Japonica	Indica		Os03g0704000	OsR498G0306887300.01.T02	Putative plastid-lipid-associated protein 4, chloroplastic
maker-3-augustus-gene-420.5-mRNA-1	Japonica	NA		Os03g0704100	OsR498G0306887500.01.T02	probable plastid-lipid-associated protein 4, chloroplastic
maker-3-augustus-gene-420.9-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0704400	OsR498G0306887900.01.T01	Serine/threonine-protein kinase mph1
maker-3-augustus-gene-421.24-mRNA-1	Japonica	NA		Os03g0705300	OsR498G0306890800.01.T01	Phosphatidylinositol 4-phosphate 5-kinase
maker-3-augustus-gene-421.29-mRNA-1	Japonica	NA		Os03g0706900	OsR498G0306899000.01.T03	Transmembrane Fragile-X-F-associated protein isoform 1
maker-3-augustus-gene-422.1-mRNA-1	Japonica	Indica		Os03g0707200	OsR498G0306899500.01.T03	Drug/metabolite transporter
maker-3-augustus-gene-422.15-mRNA-1	Japonica	NA		Os03g0707900	OsR498G0306903200.01.T01	Outer envelope protein 64, chloroplastic
maker-3-augustus-gene-422.19-mRNA-1	Japonica	NA			OsR498G0306904000.01.T05	Phytanoyl-CoA dioxygenase
maker-3-augustus-gene-422.6-mRNA-1	Japonica	Japonica		Os03g0708000	OsR498G1120323400.01.T01	Secretory phospholipase A2

maker-3-augustus-gene-422.9-mRNA-1	Japonica	NA		Os03g0707300	OsR498G0306899800.01.T01	
maker-3-augustus-gene-423.0-mRNA-1	Japonica	NA		Os03g0708400	OsR498G0306904700.01.T01	FKBP-type peptidyl-prolyl cis-trans isomerase 5 isoform 2
maker-3-augustus-gene-423.10-mRNA-1	Japonica	NA		Os03g0710000	OsR498G0306910500.01.T02	Putative vacuolar protein sorting-associated protein 1st1
maker-3-augustus-gene-423.13-mRNA-1	Japonica	Japonica		Os03g0710500	OsR498G0306911100.01.T01	Luminal-binding protein 5
maker-3-augustus-gene-423.16-mRNA-1	Japonica	NA		Os03g0708500	OsR498G0306905000.01.T02	Peptidylprolyl isomerase
maker-3-augustus-gene-423.18-mRNA-1	Japonica	Japonica		Os03g0708700	OsR498G0306905400.01.T01	Myosin-binding protein 2 isoform X3
maker-3-augustus-gene-423.20-mRNA-1	Japonica	NA		Os03g0709000	OsR498G0306907200.01.T01	MAPEG family protein, expressed
maker-3-augustus-gene-423.23-mRNA-1	Japonica	NA		Os03g0709100	OsR498G0306907600.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-3-augustus-gene-423.25-mRNA-1	Japonica	NA		Os03g0709300	OsR498G0306908200.01.T01	Chemocyanin
maker-3-augustus-gene-423.27-mRNA-1	Japonica	NA			OsR498G0306910800.01.T01	Homologous-pairing protein 2 homolog
maker-3-augustus-gene-423.29-mRNA-1	Japonica	NA	CC-Kinase		OsR498G0306910800.01.T02	Homologous-pairing protein 2 homolog
maker-3-augustus-gene-423.6-mRNA-1	Japonica	NA		Os03g0708900	OsR498G0306906900.01.T01	Zn-finger in Ran binding protein and others, putative
maker-3-augustus-gene-424.0-mRNA-1	Japonica	NA		Os03g0710800	OsR498G0306912100.01.T04	
maker-3-augustus-gene-424.14-mRNA-1	Japonica	NA		Os03g0710700	OsR498G0306911600.01.T02	GLTP domain-containing protein
maker-3-augustus-gene-424.2-mRNA-1	Japonica	NA		Os03g0710900	OsR498G0306912500.01.T01	
maker-3-augustus-gene-424.21-mRNA-1	Japonica	NA			OsR498G0306914000.01.T02	Phosphatidylinositol 4-kinase alpha 1
maker-3-augustus-gene-424.23-mRNA-1	Japonica	NA	Kinase-TM	Os03g0711300	OsR498G0306914200.01.T02	Serine/threonine-protein kinase grik2
maker-3-augustus-gene-424.29-mRNA-1	Japonica	NA		Os03g0711400	OsR498G0306914600.01.T01	Coatomer subunit alpha
maker-3-augustus-gene-424.30-mRNA-1	Japonica	NA		Os03g0711400	OsR498G0306915200.01.T01	Coatomer subunit alpha
maker-3-augustus-gene-424.35-mRNA-1	Japonica	Indica		Os03g0711650	OsR498G0306916000.01.T02	AT hook motif family protein, expressed
maker-3-augustus-gene-424.8-mRNA-1	Japonica	NA		Os03g0711100	OsR498G0306913700.01.T01	Zinc finger protein like
maker-3-augustus-gene-425.30-mRNA-1	Japonica	NA			OsR498G0306917100.01.T01	Calmodulin-binding heat-shock protein, putative
maker-3-augustus-gene-425.32-mRNA-1	Japonica	NA		Os03g0712100	OsR498G0306917300.01.T01	Cell division cycle-associated protein 7
maker-3-augustus-gene-425.35-mRNA-1	Japonica	NA		Os03g0712200	OsR498G0306917500.01.T01	Zinc finger protein VAR3, chloroplastic
maker-3-augustus-gene-425.39-mRNA-1	Japonica	NA		Os03g0712300	OsR498G0306917700.01.T01	UBC core domain-containing protein (Fragment)
maker-3-augustus-gene-425.42-mRNA-1	Japonica	NA		Os03g0712700	OsR498G0306919300.01.T01	Phosphoglucosyltransferase (alpha-D-glucose-1,6-bisphosphate-dependent)
maker-3-augustus-gene-425.48-mRNA-1	Japonica	NA			OsR498G0306921700.01.T01	Threonine dehydratase 1 biosynthetic, chloroplastic
maker-3-augustus-gene-425.55-mRNA-1	Japonica	Indica		Os10g0567800	OsR498G0306922100.01.T01	Dynamin-related protein 1C isoform A
maker-3-augustus-gene-425.62-mRNA-1	Japonica	NA	Kinase-TM	Os03g0711800	OsR498G0306916400.01.T04	probable serine/threonine protein kinase IREH1
maker-3-augustus-gene-425.67-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0306918600.01.T01	Atypical receptor-like kinase MARK
maker-3-augustus-gene-425.69-mRNA-1	Japonica	NA		Os03g0712600	OsR498G0306919200.01.T01	Leucine Rich Repeat, putative
maker-3-augustus-gene-425.72-mRNA-1	Japonica	NA		Os03g0712800	OsR498G0306920200.01.T02	Glutamine synthetase nodule isozyme
maker-3-augustus-gene-425.77-mRNA-1	Japonica	Indica		Os03g0713200	OsR498G0306922400.01.T01	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial
maker-3-augustus-gene-426.35-mRNA-1	Japonica	NA		Os03g0713700	OsR498G0306924300.01.T04	WAS protein family 1 (Fragment)
maker-3-augustus-gene-426.40-mRNA-1	Japonica	NA		Os03g0337700	OsR498G0306926100.01.T01	GPN-loop GTPase 3
maker-3-augustus-gene-426.48-mRNA-1	Japonica	NA		Os03g0713400	OsR498G0306922600.01.T01	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial
maker-3-augustus-gene-426.50-mRNA-1	Japonica	NA		Os03g0713600	OsR498G0306924000.01.T02	Binding partner of ACD11 1
maker-3-augustus-gene-427.32-mRNA-1	Japonica	NA		Os03g0715400	OsR498G0306930300.01.T05	Protein POLLEN DEFECTIVE IN GUIDANCE 1 isoform C
maker-3-augustus-gene-427.38-mRNA-1	Japonica	NA			OsR498G0306930700.01.T01	Calmodulin
maker-3-augustus-gene-427.41-mRNA-1	Japonica	NA			OsR498G0306932700.01.T02	
maker-3-augustus-gene-427.43-mRNA-1	Japonica	NA		Os03g0717200	OsR498G0306935300.01.T01	Transmembrane ascorbate ferrioreductase 1
maker-3-augustus-gene-427.45-mRNA-1	Japonica	NA		Os09g0434600	OsR498G0204973200.01.T01	Glycosyltransferase family protein 2
maker-3-augustus-gene-427.47-mRNA-1	Japonica	NA				CNH domain-containing protein
maker-3-augustus-gene-427.51-mRNA-1	Japonica	NA		Os03g0716200	OsR498G0306931400.01.T01	PHD finger protein MALE MEIOCYTE DEATH 1
maker-3-augustus-gene-427.53-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os03g0717000	OsR498G0306934600.01.T01	Receptor-like kinase TMK2
maker-3-augustus-gene-427.55-mRNA-1	Japonica	NA		Os03g0717600	OsR498G0306936200.01.T01	Matrin-type domain-containing protein
maker-3-augustus-gene-428.0-mRNA-1	Japonica	NA			OsR498G0306936500.01.T02	Histidine kinase
maker-3-augustus-gene-428.14-mRNA-1	Japonica	NA		Os03g0718000	OsR498G0306937800.01.T02	Anthranyl synthase/para-aminobenzoate synthase, glutamine amidotransferase
maker-3-augustus-gene-428.24-mRNA-1	Japonica	Indica		Os03g0719000	OsR498G0306942400.01.T01	65-kDa microtubule-associated protein 6
maker-3-augustus-gene-428.29-mRNA-1	Japonica	NA		Os03g0719300	OsR498G0306943600.01.T02	3,4-dihydroxy-2-butanone kinase
maker-3-augustus-gene-428.4-mRNA-1	Japonica	NA		Os03g0717900	OsR498G0306937500.01.T01	UV-B-induced protein chloroplastic
maker-3-augustus-gene-429.30-mRNA-1	Japonica	NA		Os03g0720300	OsR498G0306946900.01.T01	Glutamate decarboxylase
maker-3-augustus-gene-429.34-mRNA-1	Japonica	NA		Os03g0720800	OsR498G0306953100.01.T01	Transcription factor MYB52
maker-3-augustus-gene-429.36-mRNA-1	Japonica	NA		Os03g0719400	OsR498G0306943800.01.T01	Monoglyceride lipase
maker-3-augustus-gene-429.41-mRNA-1	Japonica	NA	CC-Kinase		OsR498G0306944200.01.T01	Putative serine/threonine-protein kinase dyrk2
maker-3-augustus-gene-429.44-mRNA-1	Japonica	NA		Os03g0719800	OsR498G0306945000.01.T01	Phytochrome A
maker-3-augustus-gene-429.46-mRNA-1	Japonica	NA	Kinase-TM	Os03g0719850	OsR498G0306945400.01.T01	Protein kinase domain containing protein
maker-3-augustus-gene-429.48-mRNA-1	Japonica	NA		Os03g0719900	OsR498G0306945600.01.T01	Proton-dependent oligopeptide transporter
maker-3-augustus-gene-429.53-mRNA-1	Japonica	NA	Kinase	Os11g0620500	OsR498G0510972100.01.T01	Pollen receptor-like kinase 6
maker-3-augustus-gene-429.55-mRNA-1	Japonica	NA			OsR498G0407709200.01.T01	
maker-3-augustus-gene-43.0-mRNA-1	Japonica	NA		Os03g0186800	OsR498G0305351100.01.T01	VPS37 C-terminal domain-containing protein

maker-3-augustus-gene-43.10-mRNA-1	Japonica	Indica		Os03g0187300	OsR498G0305353100.01.T01	WD and tetra tricopeptide repeats protein 1
maker-3-augustus-gene-43.15-mRNA-1	Japonica	NA		Os03g0187400	OsR498G0305354100.01.T01	Myb-like protein H isoform X1
maker-3-augustus-gene-43.17-mRNA-1	Japonica	NA		Os03g0187600	OsR498G0305356500.01.T01	GRAM domain-containing protein (Fragment)
maker-3-augustus-gene-43.21-mRNA-1	Japonica	Indica		Os08g0480000	OsR498G0305358500.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-43.24-mRNA-1	Japonica	NA		Os03g0186600	OsR498G0305350600.01.T02	JOINTLESS like protein MdJOINTLESSb
maker-3-augustus-gene-43.3-mRNA-1	Japonica	NA		Os03g0187000	OsR498G0305352100.01.T01	Protein DCL, chloroplastic
maker-3-augustus-gene-43.31-mRNA-1	Japonica	NA		Os03g0186950	OsR498G0305352000.01.T02	Protein CutA chloroplastic
maker-3-augustus-gene-43.33-mRNA-1	Japonica	NA			OsR498G0305355400.01.T01	F-box protein FBX14
maker-3-augustus-gene-430.34-mRNA-1	Japonica	NA				ILITYHIA
maker-3-augustus-gene-430.39-mRNA-1	Japonica	NA		Os03g0721900	OsR498G0306955700.01.T01	
maker-3-augustus-gene-430.41-mRNA-1	Japonica	NA			OsR498G0306956300.01.T01	SWI/SNF complex subunit SWI3D
maker-3-augustus-gene-430.47-mRNA-1	Japonica	NA			OsR498G0306956900.01.T03	Chromatin complex subunit A 106
maker-3-augustus-gene-430.51-mRNA-1	Japonica	NA		Os03g0721300	OsR498G0306954600.01.T01	Pre-mRNA processing protein PRP39, putative
maker-3-augustus-gene-430.53-mRNA-1	Japonica	NA				
maker-3-augustus-gene-430.55-mRNA-1	Japonica	Indica		Os03g0722600	OsR498G0306957400.01.T01	Adenylyl cyclase-associated protein (Fragment)
maker-3-augustus-gene-430.60-mRNA-1	Japonica	NA		Os03g0722800	OsR498G0306958200.01.T03	FBD domain-containing protein
maker-3-augustus-gene-431.32-mRNA-1	Japonica	NA		Os03g0723400	OsR498G0306960100.01.T01	Late embryogenesis abundant protein (Fragment)
maker-3-augustus-gene-431.35-mRNA-1	Japonica	NA		Os03g0723600	OsR498G0306960300.01.T01	BTB/POZ domain-containing protein Isoform A
maker-3-augustus-gene-431.37-mRNA-1	Japonica	NA		Os03g0724100	OsR498G0306963100.01.T02	CRAL-TRIO domain-containing protein
maker-3-augustus-gene-431.40-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0306963400.01.T02	Lrr receptor protein kinase
maker-3-augustus-gene-432.45-mRNA-1	Japonica	Japonica		Os03g0724900	OsR498G0306965800.01.T01	
maker-3-augustus-gene-432.47-mRNA-1	Japonica	Indica		Os03g0725100	OsR498G0306966300.01.T01	Fip1 domain-containing protein
maker-3-augustus-gene-432.54-mRNA-1	Japonica	NA			OsR498G0306966900.01.T03	DBR1 domain-containing protein (Fragment)
maker-3-augustus-gene-432.60-mRNA-1	Japonica	NA		Os03g0725400	OsR498G0306967100.01.T04	COMPASS-like protein H3K4 histone methylase component WDR5A
maker-3-augustus-gene-432.62-mRNA-1	Japonica	NA		Os03g0725800	OsR498G0306969900.01.T01	Symbiotic ammonium transporter
maker-3-augustus-gene-432.65-mRNA-1	Japonica	Indica		Os03g0726100	OsR498G0306970700.01.T02	Tubulin alpha chain
maker-3-augustus-gene-432.69-mRNA-1	Japonica	NA		Os03g0726200	OsR498G0306971100.01.T01	Inositol-tetakisphosphate 1-kinase
maker-3-augustus-gene-432.74-mRNA-1	Japonica	NA		Os03g0724500	OsR498G0306965200.01.T01	SANT domain-containing protein (Fragment)
maker-3-augustus-gene-432.76-mRNA-1	Japonica	NA		Os03g0724600	OsR498G0306965400.01.T01	
maker-3-augustus-gene-432.78-mRNA-1	Japonica	NA		Os03g0724800	OsR498G0306965800.01.T01	
maker-3-augustus-gene-433.26-mRNA-1	Japonica	NA		Os03g0727100	OsR498G0306976100.01.T01	E3 ubiquitin-protein ligase BRE1-like
maker-3-augustus-gene-433.29-mRNA-1	Japonica	NA		Os03g0726300	OsR498G0306972000.01.T01	Expressed protein (With alternative splicing)
maker-3-augustus-gene-433.31-mRNA-1	Japonica	NA		Os03g0726500	OsR498G0306973000.01.T01	Transmembrane protein TauE like
maker-3-augustus-gene-433.36-mRNA-1	Japonica	NA			OsR498G0306974600.01.T01	EPIDERMAL PATTERNING FACTOR-like protein 2
maker-3-augustus-gene-433.38-mRNA-1	Japonica	NA		Os03g0726800	OsR498G0306974800.01.T02	DUF676 domain-containing protein (Fragment)
maker-3-augustus-gene-433.42-mRNA-1	Japonica	Japonica		Os03g0726900	OsR498G0306975200.01.T03	WD-3 domain-containing protein
maker-3-augustus-gene-433.49-mRNA-1	Japonica	Indica		Os03g0727000	OsR498G0306975400.01.T02	Homeotic protein like
maker-3-augustus-gene-434.0-mRNA-1	Japonica	NA		Os03g0728100		J domain-containing protein
maker-3-augustus-gene-434.17-mRNA-1	Japonica	Indica		Os03g0728600	OsR498G0306979600.01.T02	Putative DNA-binding protein-like
maker-3-augustus-gene-434.3-mRNA-1	Japonica	NA		Os03g0727600	OsR498G0306977200.01.T01	Pollen-specific 1-aminocyclopropane-1-carboxylate synthase
maker-3-augustus-gene-434.5-mRNA-1	Japonica	NA		Os03g0727900	OsR498G0306979000.01.T01	Hflx-type G domain-containing protein (Fragment)
maker-3-augustus-gene-434.6-mRNA-1	Japonica	NA		Os03g0727900	OsR498G0306979000.01.T02	Hflx-type G domain-containing protein (Fragment)
maker-3-augustus-gene-435.0-mRNA-1	Japonica	NA		Os03g0728800	OsR498G0306980100.01.T02	DEAD-box ATP-dependent RNA helicase
maker-3-augustus-gene-435.13-mRNA-1	Japonica	Japonica		Os03g0729800	OsR498G0306986100.01.T02	ACT domain containing protein, expressed
maker-3-augustus-gene-435.16-mRNA-1	Japonica	NA		Os03g0728900	OsR498G0306980400.01.T03	Transcription factor bHLH74
maker-3-augustus-gene-435.20-mRNA-1	Japonica	NA		Os03g0729000	OsR498G0306981600.01.T01	Ethylene-dependent gravitropism-deficient and yellow-green-like 3
maker-3-augustus-gene-435.25-mRNA-1	Japonica	NA			OsR498G0306982000.01.T03	Transmembrane protein
maker-3-augustus-gene-435.26-mRNA-1	Japonica	NA		Os03g0729200	OsR498G0306982400.01.T04	Thioredoxin-like protein AAED1, chloroplastic
maker-3-augustus-gene-435.30-mRNA-1	Japonica	NA		Os03g0729300	OsR498G0306982600.01.T01	Thioredoxin-like protein AAED1 chloroplastic
maker-3-augustus-gene-435.34-mRNA-1	Japonica	NA			OsR498G0306986400.01.T01	BSD domain containing protein, expressed
maker-3-augustus-gene-435.37-mRNA-1	Japonica	NA		Os03g0730000	OsR498G0306986800.01.T01	Lecithin-cholesterol acyltransferase-like protein 1
maker-3-augustus-gene-435.6-mRNA-1	Japonica	Indica		Os03g0729500	OsR498G0306985100.01.T01	Growth-regulating factor
maker-3-augustus-gene-435.9-mRNA-1	Japonica	NA		Os03g0729700	OsR498G0306985700.01.T01	16S rRNA (uracil(1498)-N(3))-methyltransferase
maker-3-augustus-gene-436.0-mRNA-1	Japonica	NA			OsR498G0306987700.01.T04	Serine carboxypeptidase family protein, expressed
maker-3-augustus-gene-436.11-mRNA-1	Japonica	Indica		Os03g0730500	OsR498G0306989100.01.T01	Serine carboxypeptidase family protein, expressed
maker-3-augustus-gene-436.13-mRNA-1	Japonica	Indica		Os03g0731050	OsR498G0306989900.01.T01	Core-2/l-branching beta-16-N-acetylglucosaminyltransferase family protein
maker-3-augustus-gene-436.15-mRNA-1	Japonica	NA		Os03g0731100	OsR498G0306990100.01.T02	Photosystem I reaction center subunit N
maker-3-augustus-gene-436.17-mRNA-1	Japonica	NA		Os03g0731500	OsR498G0306990900.01.T01	Metalloendopeptidase/zinc ion-binding protein
maker-3-augustus-gene-436.23-mRNA-1	Japonica	NA			OsR498G0713488800.01.T01	Pathogenesis-related protein 5
maker-3-augustus-gene-436.26-mRNA-1	Japonica	Indica		Os03g0730800	OsR498G0306989600.01.T02	Calcium-transporting ATPase
maker-3-augustus-gene-436.4-mRNA-1	Japonica	NA		Os03g0730500	OsR498G0306988300.01.T02	Serine carboxypeptidase-like 18

maker-3-augustus-gene-437.0-mRNA-1	Japonica	Indica		Os03g0731800	OsR498G0306991100.01.T01	Nucleotide-diphospho-sugar transferase
maker-3-augustus-gene-437.10-mRNA-1	Japonica	Japonica		Os03g0732000	OsR498G0306991800.01.T01	Hydroxymethylbutenyl diphosphate reductase
maker-3-augustus-gene-437.23-mRNA-1	Japonica	NA			OsR498G0306992200.01.T04	Dynamin GTPase
maker-3-augustus-gene-437.25-mRNA-1	Japonica	Japonica		Os03g0733000	OsR498G0101678500.01.T03	
maker-3-augustus-gene-437.5-mRNA-1	Japonica	NA		Os03g0731900	OsR498G0306991400.01.T01	Putative chloroplast 4-hydroxy-3-methylbut-2-en-1-yl diphosphate reductase
maker-3-augustus-gene-438.0-mRNA-1	Japonica	NA		Os03g0734000		
maker-3-augustus-gene-438.11-mRNA-1	Japonica	NA		Os03g0733600	OsR498G0306998000.01.T01	GRF-interacting factor 1
maker-3-augustus-gene-438.13-mRNA-1	Japonica	NA			OsR498G0306999400.01.T02	Endoplasmic reticulum oxidoreductin
maker-3-augustus-gene-438.19-mRNA-1	Japonica	NA				Mitochondrial folate transporter/carrier
maker-3-augustus-gene-438.23-mRNA-1	Japonica	NA		Os03g0734900	OsR498G0307002400.01.T02	GATA transcription factor
maker-3-augustus-gene-438.33-mRNA-1	Japonica	NA		Os03g0735300	OsR498G0307003400.01.T01	Alba DNA/RNA-binding protein isoform 3 (Fragment)
maker-3-augustus-gene-438.4-mRNA-1	Japonica	Japonica		Os03g0734200	OsR498G0307000500.01.T02	
maker-3-augustus-gene-438.6-mRNA-1	Japonica	NA			OsR498G0307002900.01.T01	Cirhin
maker-3-augustus-gene-439.40-mRNA-1	Japonica	Indica		Os04g0413200	OsR498G0307004900.01.T01	Beta-fructofuranosidase, insoluble isoenzyme 1 like
maker-3-augustus-gene-439.42-mRNA-1	Japonica	NA		Os03g0737600	OsR498G0307009500.01.T05	Cyclin-H
maker-3-augustus-gene-439.46-mRNA-1	Japonica	NA		Os03g0735900	OsR498G0307005200.01.T01	Glycerol-3-phosphate 2-O-acyltransferase
maker-3-augustus-gene-439.48-mRNA-1	Japonica	NA		Os03g0736000	OsR498G0307005800.01.T04	CCR4-NOT transcription complex subunit 2
maker-3-augustus-gene-439.49-mRNA-1	Japonica	Indica		Os02g0782200	OsR498G0307005800.01.T06	NOT2/NOT3/NOT5 family protein, expressed
maker-3-augustus-gene-439.62-mRNA-1	Japonica	NA		Os03g0736300	OsR498G0307006400.01.T02	Endoglucanase
maker-3-augustus-gene-439.67-mRNA-1	Japonica	NA		Os03g0736400	OsR498G0307007000.01.T03	Putative rRNA methyltransferase YlbH
maker-3-augustus-gene-439.71-mRNA-1	Japonica	NA		Os03g0737000	OsR498G0307008400.01.T01	Cystathionine beta-synthase family protein
maker-3-augustus-gene-439.75-mRNA-1	Japonica	NA				ELYS domain-containing protein (Fragment)
maker-3-augustus-gene-439.85-mRNA-1	Japonica	NA		Os03g0737300	OsR498G0307008800.01.T01	Magnesium-dependent phosphatase-1
maker-3-augustus-gene-439.87-mRNA-1	Japonica	NA		Os03g0737400	OsR498G0307009400.01.T01	Magnesium-dependent phosphatase
maker-3-augustus-gene-44.36-mRNA-1	Japonica	NA		Os03g0188400	OsR498G0305360300.01.T01	Transcription factor MYC2
maker-3-augustus-gene-44.38-mRNA-1	Japonica	NA				Homeodomain-leucine zipper transcription factor TaHDZlp1
maker-3-augustus-gene-44.40-mRNA-1	Japonica	NA		Os03g0189400	OsR498G0305364400.01.T01	GroES-like zinc-binding dehydrogenase family protein isoform 3
maker-3-augustus-gene-44.44-mRNA-1	Japonica	NA		Os03g0189600	OsR498G0305364800.01.T03	Alcohol dehydrogenase 1
maker-3-augustus-gene-44.48-mRNA-1	Japonica	NA		Os03g0190100	OsR498G0305366400.01.T02	1,4-dihydroxy-2-naphthoate polyprenyltransferase, chloroplastic
maker-3-augustus-gene-44.53-mRNA-1	Japonica	Indica	LRR-TM	Os03g0190300	OsR498G0305366800.01.T02	Dynein assembly factor 1, axonemal
maker-3-augustus-gene-440.0-mRNA-1	Japonica	NA		Os03g0737800	OsR498G0307010100.01.T02	Vps51/Vps67 family (Components of vesicular transport) protein
maker-3-augustus-gene-440.13-mRNA-1	Japonica	NA			OsR498G0307011300.01.T06	Non-specific serine/threonine protein kinase
maker-3-augustus-gene-440.24-mRNA-1	Japonica	NA		Os03g0738400	OsR498G0307011500.01.T02	Glycine hydroxymethyltransferase
maker-3-augustus-gene-440.27-mRNA-1	Japonica	NA		Os03g0738600	OsR498G0307013100.01.T01	Lipoxygenase
maker-3-augustus-gene-440.29-mRNA-1	Japonica	NA		Os03g0738900	OsR498G0307014300.01.T01	Phototropic-responsive NPH3 family protein isoform 2
maker-3-augustus-gene-440.31-mRNA-1	Japonica	NA			OsR498G0307010400.01.T01	BAT2 domain-containing protein 1
maker-3-augustus-gene-440.7-mRNA-1	Japonica	NA		Os03g0738000	OsR498G0307011100.01.T01	Telomerase Cajal body protein 1
maker-3-augustus-gene-441.0-mRNA-1	Japonica	NA		Os03g0739700	OsR498G0307016500.01.T01	Pre-mRNA-splicing factor ATP-dependent RNA helicase
maker-3-augustus-gene-441.12-mRNA-1	Japonica	NA		Os03g0741100	OsR498G0307020100.01.T01	BHLH transcription factor (Fragment)
maker-3-augustus-gene-441.14-mRNA-1	Japonica	NA			OsR498G0307022300.01.T03	
maker-3-augustus-gene-441.15-mRNA-1	Japonica	NA		Os03g0741400	OsR498G0307022300.01.T01	WRKY transcription factor 21
maker-3-augustus-gene-441.3-mRNA-1	Japonica	NA		Os03g0740600	OsR498G0307018900.01.T04	Dehydration responsive element binding protein 1
maker-3-augustus-gene-441.6-mRNA-1	Japonica	NA		Os03g0740700	OsR498G0307019100.01.T01	Cwfl C-terminus 1 containing protein, expressed
maker-3-augustus-gene-441.9-mRNA-1	Japonica	NA		Os03g0740800	OsR498G0307019700.01.T01	X-ray repair cross-complementing 4
maker-3-augustus-gene-442.0-mRNA-1	Japonica	NA		Os03g0742300	OsR498G0307024500.01.T01	Two-component response regulator ORR41
maker-3-augustus-gene-442.15-mRNA-1	Japonica	NA			OsR498G0307023400.01.T01	Zinc finger, C3HC4 type family protein, expressed
maker-3-augustus-gene-442.19-mRNA-1	Japonica	Indica		Os03g0742400	OsR498G0307024800.01.T03	Magnesium transporter
maker-3-augustus-gene-442.2-mRNA-1	Japonica	NA		Os03g0742800	OsR498G0307026300.01.T02	Protein transport protein SEC23
maker-3-augustus-gene-442.27-mRNA-1	Japonica	NA		Os03g0742900	OsR498G0307026600.01.T01	Auxin-responsive protein IAA13
maker-3-augustus-gene-442.29-mRNA-1	Japonica	NA		Os03g0743900	OsR498G0307030400.01.T01	Sulfate adenyllyltransferase
maker-3-augustus-gene-442.4-mRNA-1	Japonica	NA			OsR498G0306510800.01.T03	
maker-3-augustus-gene-442.6-mRNA-1	Japonica	NA		Os03g0743400	OsR498G0307029300.01.T04	Probable histone H2A variant 3
maker-3-augustus-gene-442.8-mRNA-1	Japonica	NA		Os03g0743500	OsR498G0307029700.01.T02	Calmodulin
maker-3-augustus-gene-443.0-mRNA-1	Japonica	NA		Os03g0744700	OsR498G0307033700.01.T05	
maker-3-augustus-gene-443.11-mRNA-1	Japonica	NA		Os03g0744600	OsR498G0307032000.01.T01	Stem-specific protein TSJ1
maker-3-augustus-gene-443.15-mRNA-1	Japonica	Japonica		Os03g0744650	OsR498G0307032200.01.T02	BEACH domain-containing protein lvsA
maker-3-augustus-gene-443.20-mRNA-1	Japonica	NA		Os03g0744800	OsR498G0307034000.01.T01	Transmembrane emp24 domain-containing protein A
maker-3-augustus-gene-443.23-mRNA-1	Japonica	NA		Os03g0745000	OsR498G0307034400.01.T01	Heat shock transcription factor
maker-3-augustus-gene-443.25-mRNA-1	Japonica	NA		Os03g0745200	OsR498G0307035000.01.T01	Transferase family protein, expressed
maker-3-augustus-gene-443.8-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0307031400.01.T02	Serine/threonine protein kinase
maker-3-augustus-gene-444.43-mRNA-1	Japonica	NA		Os03g0746600	OsR498G0307041100.01.T01	Autophagy-related protein 16 isoform A

maker-3-augustus-gene-444.46-mRNA-1	Japonica	NA			OsR498G0307042900.01.T01	sigma non-opioid intracellular receptor 1
maker-3-augustus-gene-444.48-mRNA-1	Japonica	NA		Os03g0747300	OsR498G0307043300.01.T01	Altered inheritance of mitochondria protein 24, mitochondrial
maker-3-augustus-gene-444.52-mRNA-1	Japonica	NA		Os03g0744500	OsR498G0307041000.01.T04	DEXH-box ATP-dependent RNA helicase DEXH16 mitochondrial
maker-3-augustus-gene-444.59-mRNA-1	Japonica	NA		Os03g0746800	OsR498G0307041800.01.T01	tRNA (guanine-N(7)-)-methyltransferase non-catalytic subunit
maker-3-augustus-gene-444.64-mRNA-1	Japonica	NA			OsR498G0307043200.01.T04	
maker-3-augustus-gene-445.100-mRNA-1	Japonica	NA				RNA helicase
maker-3-augustus-gene-445.42-mRNA-1	Japonica	NA			OsR498G0307044300.01.T02	Acyl-CoA N-acyltransferase with RING/FYVE/PHD-type zinc finger protein
maker-3-augustus-gene-445.47-mRNA-1	Japonica	NA		Os03g0747800	OsR498G0307045300.01.T03	Cytosolic cysteine synthase
maker-3-augustus-gene-445.53-mRNA-1	Japonica	NA		Os03g0747900	OsR498G0307045500.01.T01	Myosin-J heavy chain
maker-3-augustus-gene-445.65-mRNA-1	Japonica	NA		Os03g0748200	OsR498G0307046300.01.T04	PHD finger protein ING
maker-3-augustus-gene-445.69-mRNA-1	Japonica	NA	Kinase	Os03g0748400	OsR498G0307046900.01.T02	Serine/threonine-protein kinase AFC3
maker-3-augustus-gene-445.73-mRNA-1	Japonica	NA		Os03g0748600	OsR498G0307047300.01.T01	MFAP1 domain-containing protein
maker-3-augustus-gene-445.76-mRNA-1	Japonica	NA		Os03g0748900	OsR498G0307048300.01.T02	Binding partner of ACD11 1 isoform A
maker-3-augustus-gene-445.79-mRNA-1	Japonica	NA			OsR498G0307048700.01.T01	Ammonium transporter
maker-3-augustus-gene-445.81-mRNA-1	Japonica	NA		Os03g0749100	OsR498G0307049100.01.T01	Glycosyl hydrolase family 3 N terminal domain containing protein, expressed
maker-3-augustus-gene-445.83-mRNA-1	Japonica	Japonica		Os03g0747400	OsR498G0307043600.01.T01	Late embryogenesis abundant protein D-34
maker-3-augustus-gene-445.86-mRNA-1	Japonica	NA		Os03g0747500	OsR498G0307044000.01.T01	late embryogenesis abundant protein 3
maker-3-augustus-gene-445.88-mRNA-1	Japonica	NA		Os03g0747700	OsR498G0307044800.01.T01	photosystem II D1 precursor processing protein PSB27-H2, chloroplastic
maker-3-augustus-gene-445.90-mRNA-1	Japonica	NA		Os03g0748300	OsR498G0307046600.01.T01	NDH-dependent cyclic electron flow 5
maker-3-augustus-gene-445.92-mRNA-1	Japonica	NA		Os03g0748500	OsR498G0307047200.01.T01	NAD(P)H dehydrogenase (quinone)
maker-3-augustus-gene-445.94-mRNA-1	Japonica	NA		Os03g0748700	OsR498G0307047600.01.T01	Cytosolic Fe-S cluster assembly factor narfl
maker-3-augustus-gene-446.0-mRNA-1	Japonica	NA		Os03g0749300	OsR498G0307050300.01.T09	Lysosomal beta glucosidase
maker-3-augustus-gene-446.13-mRNA-1	Japonica	NA		Os03g0749900	OsR498G0307052300.01.T01	Protein-lysine N-methyltransferase
maker-3-augustus-gene-446.15-mRNA-1	Japonica	NA		Os03g0750200	OsR498G0307053100.01.T01	Kinesin-like protein KIN-12E
maker-3-augustus-gene-446.22-mRNA-1	Japonica	NA	CC-Kinase-TM	Os03g0749800	OsR498G0307052200.01.T02	Serine/threonine-protein kinase TOUNLED
maker-3-augustus-gene-446.27-mRNA-1	Japonica	Indica		Os03g0750100	OsR498G0307052800.01.T02	TPR Domain containing protein, expressed
maker-3-augustus-gene-446.31-mRNA-1	Japonica	NA		Os03g0750700		Strictosidine synthase
maker-3-augustus-gene-446.6-mRNA-1	Japonica	NA		Os03g0749500	OsR498G0307051700.01.T07	Beta-glucosidase BoGH3B
maker-3-augustus-gene-447.42-mRNA-1	Japonica	Indica		Os03g0751000	OsR498G0307054700.01.T03	Transmembrane protein 256
maker-3-augustus-gene-447.45-mRNA-1	Japonica	NA				COR domain-containing protein
maker-3-augustus-gene-447.48-mRNA-1	Japonica	NA		Os03g0751400	OsR498G0307056700.01.T01	50S ribosomal protein L6 chloroplastic
maker-3-augustus-gene-447.52-mRNA-1	Japonica	NA		Os03g0751600	OsR498G0307057300.01.T03	Protein PYRICULARIA ORYZAE RESISTANCE 21
maker-3-augustus-gene-447.54-mRNA-1	Japonica	NA		Os03g0752100	OsR498G0307058300.01.T01	Phytochrome C
maker-3-augustus-gene-447.56-mRNA-1	Japonica	NA		Os03g0752200	OsR498G0307058500.01.T03	Initiator of meiotic double stranded breaks SPO11-1
maker-3-augustus-gene-447.60-mRNA-1	Japonica	Indica		Os04g0208200	OsR498G0307059100.01.T01	Cysteine proteinase
maker-3-augustus-gene-447.62-mRNA-1	Japonica	NA		Os03g0752700	OsR498G0307059500.01.T03	J domain-containing protein
maker-3-augustus-gene-447.65-mRNA-1	Japonica	NA		Os03g0750800	OsR498G0307054200.01.T01	Transcriptional adapter
maker-3-augustus-gene-447.66-mRNA-1	Japonica	NA		Os03g0750800	OsR498G0307054200.01.T04	Transcriptional adapter
maker-3-augustus-gene-447.77-mRNA-1	Japonica	NA			OsR498G0307054400.01.T01	Transcriptional adapter ADA2b
maker-3-augustus-gene-447.78-mRNA-1	Japonica	NA		Os03g0750900	OsR498G0307054400.01.T01	Transcriptional adapter ADA2b
maker-3-augustus-gene-447.83-mRNA-1	Japonica	NA		Os03g0751100	OsR498G0307055400.01.T01	Oligopeptide transporter
maker-3-augustus-gene-447.85-mRNA-1	Japonica	NA		Os03g0752300	OsR498G0307058800.01.T02	Outward-rectifying potassium channel
maker-3-augustus-gene-447.90-mRNA-1	Japonica	NA		Os03g0752800	OsR498G0307059800.01.T04	MADS-box protein BM5A
maker-3-augustus-gene-448.26-mRNA-1	Japonica	NA		Os03g0753500	OsR498G0307062200.01.T01	
maker-3-augustus-gene-448.28-mRNA-1	Japonica	NA		Os03g0753100	OsR498G0307061000.01.T01	MADS-box transcription factor
maker-3-augustus-gene-448.31-mRNA-1	Japonica	Indica		Os03g0753500	OsR498G0307061200.01.T01	
maker-3-augustus-gene-449.0-mRNA-1	Japonica	NA			OsR498G0307063500.01.T02	Cytochrome b5 heme-binding domain-containing protein (Fragment)
maker-3-augustus-gene-449.11-mRNA-1	Japonica	NA	Kinase-TM	Os03g0755000	OsR498G0307065100.01.T02	Serine/threonine-protein kinase dst1
maker-3-augustus-gene-449.17-mRNA-1	Japonica	Indica		Os05g0386800	OsR498G0307064000.01.T01	COBRA-like protein 3
maker-3-augustus-gene-449.2-mRNA-1	Japonica	NA		Os03g0754800	OsR498G0307064700.01.T01	Solute carrier family 25 member like
maker-3-augustus-gene-449.7-mRNA-1	Japonica	NA		Os03g0754900	OsR498G0307064900.01.T01	Cleavage stimulation factor subunit like
maker-3-augustus-gene-45.30-mRNA-1	Japonica	Japonica		Os03g0191400	OsR498G0305369900.01.T02	RAB GTPase homolog H1E
maker-3-augustus-gene-45.35-mRNA-1	Japonica	Japonica		Os03g0192100	OsR498G0305371900.01.T01	Carboxypeptidase
maker-3-augustus-gene-45.38-mRNA-1	Japonica	NA		Os03g0190800	OsR498G0305367400.01.T01	USP domain-containing protein
maker-3-augustus-gene-45.42-mRNA-1	Japonica	NA				Transmembrane protein like
maker-3-augustus-gene-45.47-mRNA-1	Japonica	NA		Os03g0191000	OsR498G0305367800.01.T02	Calmodulin-binding transcription activator 2
maker-3-augustus-gene-45.51-mRNA-1	Japonica	NA		Os03g0191100	OsR498G0305368200.01.T01	Mitochondrial adenine nucleotide transporter like
maker-3-augustus-gene-45.53-mRNA-1	Japonica	NA		Os03g0191200	OsR498G0305369000.01.T01	WW domain containing protein expressed
maker-3-augustus-gene-45.55-mRNA-1	Japonica	NA		Os03g0192000	OsR498G0305371800.01.T01	Polymerase/histidinol phosphatase-like
maker-3-augustus-gene-45.59-mRNA-1	Japonica	NA		Os03g0192300	OsR498G0305372200.01.T01	Upstream of FLC-like protein isoform X2
maker-3-augustus-gene-45.63-mRNA-1	Japonica	NA		Os03g0192400	OsR498G0305373600.01.T01	NADH-ubiquinone oxidoreductase B16.6 subunit

maker-3-augustus-gene-450.0-mRNA-1	Japonica	NA	NBS-TM	Os03g0755100	OsR498G0307065300.01.T01	Transporter associated with antigen processing protein 2
maker-3-augustus-gene-450.12-mRNA-1	Japonica	NA		Os03g0756000	OsR498G0307069700.01.T01	Putative ribosomal protein L13
maker-3-augustus-gene-450.16-mRNA-1	Japonica	Japonica		Os03g0755700	OsR498G0307068000.01.T02	Large subunit ribosomal protein L13Ae
maker-3-augustus-gene-450.21-mRNA-1	Japonica	Indica		Os03g0755600	OsR498G0307068600.01.T02	FCP1 homology domain-containing protein (Fragment)
maker-3-augustus-gene-450.27-mRNA-1	Japonica	NA		Os03g0756300	OsR498G0307070600.01.T01	X8 domain-containing protein (Fragment)
maker-3-augustus-gene-450.29-mRNA-1	Japonica	NA		Os03g0756400	OsR498G0307070800.01.T01	Transmembrane protein adipocyte-associated
maker-3-augustus-gene-450.6-mRNA-1	Japonica	NA		Os03g0755600	OsR498G0307066700.01.T01	FCP1 homology domain-containing protein (Fragment)
maker-3-augustus-gene-451.40-mRNA-1	Japonica	NA		Os03g0756800	OsR498G0307071300.01.T01	Glycosyltransferase
maker-3-augustus-gene-451.42-mRNA-1	Japonica	NA		Os03g0757500	OsR498G0307073700.01.T01	UDP-glycosyltransferase 83A1
maker-3-augustus-gene-451.46-mRNA-1	Japonica	NA		Os03g0758300	OsR498G0307078700.01.T02	Cyclic nucleotide gated channel, other eukaryote
maker-3-augustus-gene-451.56-mRNA-1	Japonica	NA		Os03g0757200	OsR498G0307073400.01.T02	UDP-glucuronosyl and UDP-glucosyl transferase family protein, expressed
maker-3-augustus-gene-451.58-mRNA-1	Japonica	NA		Os03g0758000	OsR498G0307077000.01.T01	WRKY DNA binding domain containing protein, expressed
maker-3-augustus-gene-451.60-mRNA-1	Japonica	NA			OsR498G0307078200.01.T03	Alpha-glucan phosphorylase 1
maker-3-augustus-gene-452.0-mRNA-1	Japonica	NA			OsR498G0307078900.01.T01	26S proteasome non-ATPase regulatory subunit like
maker-3-augustus-gene-452.10-mRNA-1	Japonica	NA		Os03g0758800	OsR498G0307081100.01.T01	Eukaryotic translation initiation factor 5A
maker-3-augustus-gene-452.16-mRNA-1	Japonica	NA		Os03g0758900		WRKY DNA binding domain containing protein, expressed
maker-3-augustus-gene-452.25-mRNA-1	Japonica	NA		Os03g0759500	OsR498G0307082500.01.T01	Origin of replication complex subunit like
maker-3-augustus-gene-452.3-mRNA-1	Japonica	Indica		Os03g0758600	OsR498G0307080500.01.T05	
maker-3-augustus-gene-452.35-mRNA-1	Japonica	NA		Os03g0760200	OsR498G0307084500.01.T01	Isoflavone 2'-hydroxylase
maker-3-augustus-gene-452.37-mRNA-1	Japonica	Indica		Os03g0760500	OsR498G0307084700.01.T03	Isoflavone 2'-hydroxylase
maker-3-augustus-gene-452.39-mRNA-1	Japonica	NA		Os03g0758500	OsR498G0307079200.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-3-augustus-gene-452.41-mRNA-1	Japonica	NA			OsR498G0307081600.01.T02	DUF1336 domain-containing protein (Fragment)
maker-3-augustus-gene-452.5-mRNA-1	Japonica	NA			OsR498G0307080900.01.T03	Mitotic checkpoint protein BUB3.3
maker-3-augustus-gene-453.0-mRNA-1	Japonica	Japonica		Os03g0760500	OsR498G0307084700.01.T03	Isoflavone 2'-hydroxylase
maker-3-augustus-gene-453.10-mRNA-1	Japonica	NA		Os03g0761900	OsR498G0307088300.01.T02	Prolyl 4-hydroxylase alpha subunit
maker-3-augustus-gene-453.15-mRNA-1	Japonica	NA		Os03g0762300	OsR498G0307090300.01.T01	Peroxidase
maker-3-augustus-gene-453.18-mRNA-1	Japonica	NA		Os03g0762400	OsR498G0307090900.01.T02	Peroxidase
maker-3-augustus-gene-453.2-mRNA-1	Japonica	NA		Os03g0760700	OsR498G0307085100.01.T01	Aspartate-semialdehyde dehydrogenase
maker-3-augustus-gene-453.21-mRNA-1	Japonica	NA		Os03g0762500	OsR498G0307091500.01.T02	
maker-3-augustus-gene-453.23-mRNA-1	Japonica	NA		Os03g0760600	OsR498G0307085000.01.T01	Tonoplast intrinsic protein 41
maker-3-augustus-gene-453.27-mRNA-1	Japonica	NA		Os03g0760800	OsR498G0307085600.01.T01	Peamaclein
maker-3-augustus-gene-453.29-mRNA-1	Japonica	Indica		Os03g0761000	OsR498G0307086400.01.T01	SWIB domain-containing protein (Fragment)
maker-3-augustus-gene-453.31-mRNA-1	Japonica	Indica		Os07g0114000	OsR498G0307086600.01.T01	Protein-serine/threonine phosphatase
maker-3-augustus-gene-453.35-mRNA-1	Japonica	NA		Os03g0761200	OsR498G0307086800.01.T01	Protein arginine N-methyltransferase 2
maker-3-augustus-gene-453.37-mRNA-1	Japonica	Indica	Kinase-TM	Os07g0114400	OsR498G0307088600.01.T01	Casein kinase II alpha subunit
maker-3-augustus-gene-453.42-mRNA-1	Japonica	NA		Os03g0762100	OsR498G0307089000.01.T01	Glycosyltransferase-like protein
maker-3-augustus-gene-453.7-mRNA-1	Japonica	NA		Os03g0761700	OsR498G0307088100.01.T04	J domain-containing protein
maker-3-augustus-gene-454.0-mRNA-1	Japonica	NA		Os03g0762900	OsR498G0307093700.01.T01	Protein SNOWY COTYLEDON 3
maker-3-augustus-gene-454.10-mRNA-1	Japonica	NA			OsR498G0307097300.01.T01	BHLH domain-containing protein (Fragment)
maker-3-augustus-gene-454.12-mRNA-1	Japonica	NA			OsR498G0307097900.01.T02	Upstream activation factor subunit spp27 like
maker-3-augustus-gene-454.18-mRNA-1	Japonica	NA		Os03g0764600	OsR498G0307099100.01.T01	HTH myb-type domain-containing protein
maker-3-augustus-gene-454.22-mRNA-1	Japonica	NA	Kinase-TM	Os03g0764300	OsR498G0307097600.01.T02	Mitogen-activated protein kinase kinase kinase 5
maker-3-augustus-gene-454.4-mRNA-1	Japonica	NA	Kinase-TM	Os03g0763000	OsR498G0307094500.01.T01	Casein kinase II subunit alpha
maker-3-augustus-gene-454.7-mRNA-1	Japonica	NA		Os03g0764000	OsR498G0307096300.01.T01	probable N-acetyltransferase HLS1
maker-3-augustus-gene-455.0-mRNA-1	Japonica	NA	Kinase-TM	Os03g0764800	OsR498G0307099900.01.T01	Serine/threonine-protein kinase SAPK8
maker-3-augustus-gene-455.13-mRNA-1	Japonica	NA			OsR498G0307103200.01.T02	Nuclear pore complex protein isoform 1
maker-3-augustus-gene-455.15-mRNA-1	Japonica	NA		Os03g0765400	OsR498G0307103200.01.T04	CCG-binding protein 1
maker-3-augustus-gene-455.18-mRNA-1	Japonica	NA			OsR498G0307103400.01.T01	CCG-binding protein 1
maker-3-augustus-gene-455.22-mRNA-1	Japonica	Japonica		Os03g0766000	OsR498G0307105200.01.T02	Transmembrane protein 147
maker-3-augustus-gene-455.4-mRNA-1	Japonica	NA			OsR498G0307101900.01.T03	Non-specific serine/threonine protein kinase
maker-3-augustus-gene-455.7-mRNA-1	Japonica	NA			OsR498G0307102300.01.T01	Non-specific serine/threonine protein kinase
maker-3-augustus-gene-455.9-mRNA-1	Japonica	NA		Os03g0765200	OsR498G0307102600.01.T02	Thylakoidal processing peptidase 1 chloroplastic
maker-3-augustus-gene-456.0-mRNA-1	Japonica	NA		Os03g0766500	OsR498G0307106700.01.T01	probable transcription factor KAN4
maker-3-augustus-gene-456.12-mRNA-1	Japonica	NA		Os03g0767500	OsR498G0307108800.01.T01	Thioredoxin-like protein HCF164, chloroplastic
maker-3-augustus-gene-456.15-mRNA-1	Japonica	NA		Os03g0769000	OsR498G0307111200.01.T01	Ternary complex factor MIP1
maker-3-augustus-gene-456.19-mRNA-1	Japonica	NA			OsR498G0307111800.01.T04	Forkhead box protein like
maker-3-augustus-gene-456.5-mRNA-1	Japonica	NA		Os03g0767800	OsR498G0307109500.01.T01	Cold-regulated plasma membrane protein 2
maker-3-augustus-gene-456.9-mRNA-1	Japonica	NA		Os03g0767900	OsR498G0307109900.01.T01	BTB domain-containing protein
maker-3-augustus-gene-457.0-mRNA-1	Japonica	NA		Os03g0769400	OsR498G0307113100.01.T04	BTB domain-containing protein
maker-3-augustus-gene-457.14-mRNA-1	Japonica	Indica		Os03g0770800	OsR498G0307119200.01.T01	Xyloglucan 6-xylosyltransferase
maker-3-augustus-gene-457.17-mRNA-1	Japonica	NA		Os03g0770900	OsR498G0307119800.01.T01	Neurofilament heavy polypeptide isoform X1

maker-3-augustus-gene-457.2-mRNA-1	Japonica	Indica		Os03g0769800	OsR498G0307114700.01.T05	Homeobox-leucine zipper protein REVOLUTA
maker-3-augustus-gene-457.5-mRNA-1	Japonica	NA			OsR498G0307118700.01.T01	AP2-like ethylene-responsive transcription factor ANT
maker-3-augustus-gene-457.9-mRNA-1	Japonica	NA	TM	Os03g0769600	OsR498G0307113800.01.T02	C-type cytochrome synthesis protein1
maker-3-augustus-gene-458.0-mRNA-1	Japonica	NA		Os03g0771500	OsR498G0307121900.01.T01	Homeobox protein knotted-1-like 8
maker-3-augustus-gene-458.1-mRNA-1	Japonica	Indica		Os03g0771500	OsR498G0307123100.01.T01	Homeobox protein rough sheath 1
maker-3-augustus-gene-458.10-mRNA-1	Japonica	NA		Os03g0772800	OsR498G0307126300.01.T01	Cytochrome c oxidase subunit VIa
maker-3-augustus-gene-458.15-mRNA-1	Japonica	NA		Os03g0771100	OsR498G0307120600.01.T01	Transcription factor RAX3
maker-3-augustus-gene-458.17-mRNA-1	Japonica	Indica		Os03g0241100	OsR498G0307128400.01.T02	TSL-kinase interacting protein 1
maker-3-augustus-gene-458.26-mRNA-1	Japonica	Indica		Os03g0773150	OsR498G0307128600.01.T01	Ribosomal protein S14p/S29e containing protein, expressed
maker-3-augustus-gene-458.28-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os03g0773300	OsR498G0307128800.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-3-augustus-gene-459.39-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os03g0773700	OsR498G0307131300.01.T03	Leucine-rich repeat receptor-like serine/threonine-protein kinase BAM1
maker-3-augustus-gene-459.41-mRNA-1	Japonica	NA				
maker-3-augustus-gene-459.44-mRNA-1	Japonica	NA		Os03g0774600	OsR498G0307133500.01.T02	
maker-3-augustus-gene-459.47-mRNA-1	Japonica	NA		Os03g0775200	OsR498G0307136100.01.T01	tRNA 4-demethylwyosine synthase (AdoMet-dependent)
maker-3-augustus-gene-459.53-mRNA-1	Japonica	NA		Os03g0773800	OsR498G0307131800.01.T01	Malate dehydrogenase
maker-3-augustus-gene-459.57-mRNA-1	Japonica	NA		Os03g0774200	OsR498G0307132600.01.T01	NADH-ubiquinone oxidoreductase 23 kDa subunit
maker-3-augustus-gene-459.61-mRNA-1	Japonica	Indica		Os03g0774300	OsR498G0307133000.01.T01	5'-nucleotidase domain-containing protein 4 isoform X1
maker-3-augustus-gene-459.69-mRNA-1	Japonica	NA		Os03g0774700		
maker-3-augustus-gene-459.71-mRNA-1	Japonica	Japonica		Os03g0775000	OsR498G0307135200.01.T01	S-adenosyl-L-methionine-dependent methyltransferase
maker-3-augustus-gene-46.0-mRNA-1	Japonica	NA		Os03g0192500	OsR498G0305373900.01.T02	PPM-type phosphatase domain-containing protein
maker-3-augustus-gene-46.19-mRNA-1	Japonica	NA		Os03g0193075	OsR498G0305375500.01.T01	Yippee domain-containing protein
maker-3-augustus-gene-46.21-mRNA-1	Japonica	NA				Pumilio domain-containing protein
maker-3-augustus-gene-46.24-mRNA-1	Japonica	Japonica		Os03g0193400	OsR498G0917271000.01.T02	Flavin containing polyamine oxidase
maker-3-augustus-gene-46.29-mRNA-1	Japonica	NA		Os03g0192600	OsR498G0305374200.01.T01	AAI domain-containing protein (Fragment)
maker-3-augustus-gene-46.32-mRNA-1	Japonica	NA		Os03g0192700	OsR498G0305374400.01.T04	Myo-inositol 1-phosphate synthase
maker-3-augustus-gene-46.40-mRNA-1	Japonica	NA		Os03g0193225	OsR498G0305376000.01.T01	
maker-3-augustus-gene-46.42-mRNA-1	Japonica	NA			OsR498G0305376800.01.T01	Mutator-like transposase
maker-3-augustus-gene-46.6-mRNA-1	Japonica	NA			OsR498G0305374900.01.T06	Ubiquitinyl hydrolase 1
maker-3-augustus-gene-460.49-mRNA-1	Japonica	Indica		Os03g0775300	OsR498G0307136300.01.T01	S-adenosyl-L-methionine-dependent tRNA 4-demethylwyosine synthase
maker-3-augustus-gene-460.55-mRNA-1	Japonica	NA		Os03g0775500	OsR498G0307136700.01.T01	DUF59 domain-containing protein
maker-3-augustus-gene-460.59-mRNA-1	Japonica	NA		Os03g0775600	OsR498G0307137300.01.T01	2-hydroxyacid dehydrogenase
maker-3-augustus-gene-460.61-mRNA-1	Japonica	NA		Os03g0775700	OsR498G0307137500.01.T01	VARLMGL domain-containing protein (Fragment)
maker-3-augustus-gene-460.64-mRNA-1	Japonica	NA		Os03g0776000	OsR498G0307138100.01.T06	Glucose-6-phosphate isomerase
maker-3-augustus-gene-460.74-mRNA-1	Japonica	Indica		Os03g0776900	OsR498G0307140500.01.T01	Mitochondrial import inner membrane translocase subunit TIM14
maker-3-augustus-gene-460.78-mRNA-1	Japonica	NA	ONAC066	Os03g0777000	OsR498G0307142500.01.T01	Transcription factor JUNGBRUNNEN 1
maker-3-augustus-gene-460.80-mRNA-1	Japonica	NA	Kinase-TM	Os03g0776100	OsR498G0307138400.01.T01	proline-rich receptor-like protein kinase PERK4
maker-3-augustus-gene-460.82-mRNA-1	Japonica	Indica		Os03g0777100	OsR498G0307142800.01.T01	Dentin sialophosphoprotein-like protein
maker-3-augustus-gene-460.87-mRNA-1	Japonica	NA		Os03g0777500	OsR498G0307143600.01.T01	Hydroperoxide lyase, putative isoform 1
maker-3-augustus-gene-461.36-mRNA-1	Japonica	Indica		Os03g0777600	OsR498G0307143900.01.T01	Hexosyltransferase
maker-3-augustus-gene-461.40-mRNA-1	Japonica	NA		Os03g0778000	OsR498G0307145300.01.T04	Protein kinase domain-containing protein
maker-3-augustus-gene-461.46-mRNA-1	Japonica	NA				protein FAR-RED IMPAIRED RESPONSE 1-like
maker-3-augustus-gene-463.0-mRNA-1	Japonica	NA			OsR498G0307158500.01.T05	Actin-related protein 7 isoform 1
maker-3-augustus-gene-463.10-mRNA-1	Japonica	NA		Os03g0783700	OsR498G0307165000.01.T01	AP complex subunit sigma
maker-3-augustus-gene-463.13-mRNA-1	Japonica	NA		Os03g0784100	OsR498G0307166200.01.T01	Patatin-like protein 3
maker-3-augustus-gene-464.34-mRNA-1	Japonica	NA		Os03g0784400	OsR498G0307166900.01.T01	Endoplasmic reticulum vesicle transporter, C-terminal
maker-3-augustus-gene-464.40-mRNA-1	Japonica	NA		Os03g0785500	OsR498G0307168700.01.T01	ALA-interacting subunit
maker-3-augustus-gene-464.44-mRNA-1	Japonica	NA		Os03g0786000	OsR498G0307170100.01.T01	(S)-2-hydroxy-acid oxidase
maker-3-augustus-gene-464.46-mRNA-1	Japonica	NA		Os03g0786100	OsR498G0307170300.01.T03	(S)-2-hydroxy-acid oxidase
maker-3-augustus-gene-464.52-mRNA-1	Japonica	NA		Os03g0784300		
maker-3-augustus-gene-464.57-mRNA-1	Japonica	Indica		Os07g0147800	OsR498G0307167200.01.T05	WPP domain-associated protein-like
maker-3-augustus-gene-464.60-mRNA-1	Japonica	NA		Os03g0784700	OsR498G0307167400.01.T01	Ferredoxin--NADP reductase, chloroplastic
maker-3-augustus-gene-464.64-mRNA-1	Japonica	Indica		Os04g0613400	OsR498G0307167600.01.T01	CCR4-NOT transcription complex subunit 9
maker-3-augustus-gene-464.69-mRNA-1	Japonica	Indica		Os07g0150500	OsR498G0307168600.01.T03	C3HC-type domain-containing protein (Fragment)
maker-3-augustus-gene-465.0-mRNA-1	Japonica	NA		Os03g0786700	OsR498G0307172700.01.T01	tRNA (guanine(26)-N(2))-dimethyltransferase
maker-3-augustus-gene-465.13-mRNA-1	Japonica	NA		Os03g0786900	OsR498G0307173100.01.T07	Protein with predicted involvement in meiosis (GSG1)
maker-3-augustus-gene-465.24-mRNA-1	Japonica	NA		Os03g0788200	OsR498G0307176300.01.T01	MD-2-related lipid recognition domain-containing protein / ML domain-cont
maker-3-augustus-gene-465.30-mRNA-1	Japonica	Indica		Os03g0647800	OsR498G0307173600.01.T01	Putative glycosyl transferase Gly (Fragment)
maker-3-augustus-gene-465.33-mRNA-1	Japonica	NA		Os03g0787200	OsR498G0307173800.01.T01	IQ-domain 5
maker-3-augustus-gene-465.37-mRNA-1	Japonica	NA		Os03g0813700	OsR498G0307175200.01.T01	
maker-3-augustus-gene-465.6-mRNA-1	Japonica	NA			OsR498G0307172900.01.T03	Cullin-4 isoform B
maker-3-augustus-gene-466.43-mRNA-1	Japonica	NA		Os03g0788500	OsR498G0307176900.01.T01	Calcium-dependent protein kinase

maker-3-augustus-gene-466.46-mRNA-1	Japonica	NA			OsR498G0307180500.01.T03	Putative post-transcriptional gene silencing PAZ-Argonaute family
maker-3-augustus-gene-466.53-mRNA-1	Japonica	NA			OsR498G1221698500.01.T04	Phosphate synthase-like
maker-3-augustus-gene-466.57-mRNA-1	Japonica	NA		Os03g0788400		
maker-3-augustus-gene-466.59-mRNA-1	Japonica	NA		Os03g0788700	OsR498G0307177800.01.T02	Fasciclin-like arabinogalactan protein 16
maker-3-augustus-gene-466.62-mRNA-1	Japonica	NA		Os03g0788800	OsR498G0307178000.01.T02	E3 ubiquitin-protein ligase RHF2A isoform B
maker-3-augustus-gene-466.67-mRNA-1	Japonica	NA		Os03g0789000	OsR498G0307178600.01.T01	Calcium-dependent protein kinase
maker-3-augustus-gene-466.69-mRNA-1	Japonica	NA		Os03g0789200	OsR498G0307179400.01.T01	GTD-binding domain-containing protein (Fragment)
maker-3-augustus-gene-466.72-mRNA-1	Japonica	NA		Os06g0507101	OsR498G1120660600.01.T01	
maker-3-augustus-gene-466.74-mRNA-1	Japonica	NA		Os03g0789900	OsR498G0307181400.01.T05	
maker-3-augustus-gene-467.1-mRNA-1	Japonica	NA			OsR498G0307183500.01.T05	Glutamate carboxypeptidase II
maker-3-augustus-gene-467.11-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os03g0791700	OsR498G0307187900.01.T02	Leucine-rich repeat transmembrane protein kinase, putative, expressed
maker-3-augustus-gene-467.15-mRNA-1	Japonica	NA		Os03g0790900	OsR498G0307183800.01.T01	Indole-3-acetaldehyde oxidase
maker-3-augustus-gene-467.16-mRNA-1	Japonica	NA		Os03g0790900	OsR498G0307184200.01.T01	Indole-3-acetaldehyde oxidase
maker-3-augustus-gene-467.2-mRNA-1	Japonica	NA				Lob domain-containing protein 4
maker-3-augustus-gene-467.31-mRNA-1	Japonica	NA		Os03g0790700	OsR498G0307184200.01.T02	Aldehyde oxidase2
maker-3-augustus-gene-467.33-mRNA-1	Japonica	NA			OsR498G0307185600.01.T01	Phytocyanin domain-containing protein (Fragment)
maker-3-augustus-gene-467.35-mRNA-1	Japonica	NA			OsR498G0307186400.01.T02	25.3 kDa vesicle transport protein, putative, expressed
maker-3-augustus-gene-467.41-mRNA-1	Japonica	NA			OsR498G0307188200.01.T05	UBC core domain-containing protein (Fragment)
maker-3-augustus-gene-468.48-mRNA-1	Japonica	NA		Os03g0792400	OsR498G0307189300.01.T05	Sterol regulatory element-binding protein site 2 protease
maker-3-augustus-gene-468.54-mRNA-1	Japonica	NA		Os03g0792500	OsR498G0307189500.01.T03	BTB/POZ and MATH domain-containing protein 4
maker-3-augustus-gene-468.59-mRNA-1	Japonica	Indica		Os03g0792800	OsR498G0307190300.01.T02	Glucan endo-1,3-beta-D-glucosidase
maker-3-augustus-gene-468.61-mRNA-1	Japonica	NA		Os03g0793500	OsR498G0307192700.01.T08	Casein kinase (Serine/threonine/tyrosine protein kinase)
maker-3-augustus-gene-468.69-mRNA-1	Japonica	Indica		Os03g0793600	OsR498G0307193300.01.T03	Type IV inositol polyphosphate 5-phosphatase 6
maker-3-augustus-gene-468.78-mRNA-1	Japonica	NA		Os03g0793700	OsR498G0307193900.01.T01	Globulin-2
maker-3-augustus-gene-468.80-mRNA-1	Japonica	NA		Os03g0792600	OsR498G0307189800.01.T01	Repliation factor C subunit like
maker-3-augustus-gene-468.85-mRNA-1	Japonica	NA		Os03g0792900	OsR498G0307190600.01.T03	Zinc finger A20 and AN1 domain-containing stress-associated protein 6
maker-3-augustus-gene-468.86-mRNA-1	Japonica	NA		Os03g0793100	OsR498G1119421100.01.T02	Glycosyltransferases
maker-3-augustus-gene-468.89-mRNA-1	Japonica	NA		Os03g0793800	OsR498G0307194200.01.T02	AAI domain-containing protein
maker-3-augustus-gene-468.91-mRNA-1	Japonica	Indica		Os03g0793900	OsR498G0307194800.01.T01	AAI domain-containing protein (Fragment)
maker-3-augustus-gene-468.94-mRNA-1	Japonica	NA		Os03g0794500	OsR498G0307196200.01.T02	GdhA protein (Fragment)
maker-3-augustus-gene-469.0-mRNA-1	Japonica	NA		Os03g0794800	OsR498G0307196700.01.T01	5'-3' exoribonuclease
maker-3-augustus-gene-469.14-mRNA-1	Japonica	NA		Os03g0795900	OsR498G0307199500.01.T02	Heat shock transcription factor
maker-3-augustus-gene-469.16-mRNA-1	Japonica	Indica		Os03g0796000	OsR498G0307199900.01.T03	Stem-specific protein TSJT1
maker-3-augustus-gene-469.20-mRNA-1	Japonica	NA		Os03g0794700	OsR498G0307196600.01.T01	40S ribosomal protein S18
maker-3-augustus-gene-469.22-mRNA-1	Japonica	Japonica		Os03g0795000	OsR498G0307197200.01.T03	Folate-biopterin transporter 1 chloroplastic
maker-3-augustus-gene-469.25-mRNA-1	Japonica	NA	LRR-TM	Os03g0795300	OsR498G0307198000.01.T01	Leucine-rich repeat extensin-like protein 6
maker-3-augustus-gene-469.27-mRNA-1	Japonica	NA		Os03g0795600	OsR498G0307199000.01.T01	Transmembrane BAX inhibitor motif-containing protein 4
maker-3-augustus-gene-469.29-mRNA-1	Japonica	NA		Os03g0795800	OsR498G0307199400.01.T01	Transmembrane BAX inhibitor motif-containing protein 4
maker-3-augustus-gene-469.32-mRNA-1	Japonica	NA		Os03g0796400	OsR498G0307202000.01.T02	ENT domain-containing protein (Fragment)
maker-3-augustus-gene-469.34-mRNA-1	Japonica	NA		Os03g0796501	OsR498G0307202600.01.T02	Ribosomal protein L4/L1 family
maker-3-augustus-gene-469.5-mRNA-1	Japonica	NA		Os03g0794900	OsR498G0307196900.01.T01	5'-3' exoribonuclease 4
maker-3-augustus-gene-469.9-mRNA-1	Japonica	NA		Os03g0795500	OsR498G0307198700.01.T01	PITH domain-containing protein isoform A
maker-3-augustus-gene-47.41-mRNA-1	Japonica	Japonica		Os03g0193900	OsR498G0101213400.01.T05	
maker-3-augustus-gene-47.43-mRNA-1	Japonica	NA		Os03g0194400	OsR498G0305379300.01.T04	N-acetyltransferase 9-like protein isoform X2
maker-3-augustus-gene-47.46-mRNA-1	Japonica	NA			OsR498G0305379500.01.T01	Mitochondrial import inner membrane translocase subunit TIM22
maker-3-augustus-gene-47.49-mRNA-1	Japonica	NA		Os03g0194900	OsR498G0305380500.01.T01	Cytochrome b561 and DOMON domain-containing protein
maker-3-augustus-gene-47.51-mRNA-1	Japonica	NA		Os03g0195100	OsR498G0305381100.01.T01	LL-diaminopimelate aminotransferase, chloroplastic
maker-3-augustus-gene-47.53-mRNA-1	Japonica	NA		Os03g0195200	OsR498G0305381400.01.T02	18S rRNA aminocarboxypropyltransferase
maker-3-augustus-gene-47.58-mRNA-1	Japonica	NA		Os03g0195300	OsR498G0305381800.01.T01	Low affinity sulfate transporter 3-like
maker-3-augustus-gene-47.62-mRNA-1	Japonica	NA			OsR498G0305382000.01.T01	Low affinity sulfate transporter like
maker-3-augustus-gene-470.0-mRNA-1	Japonica	NA		Os03g0796600	OsR498G0307206300.01.T02	Plant-specific domain TIGR01615 family protein
maker-3-augustus-gene-470.14-mRNA-1	Japonica	NA		Os03g0797700	OsR498G0307212300.01.T01	rRNA-processing protein EFG1
maker-3-augustus-gene-470.19-mRNA-1	Japonica	NA		Os03g0796900	OsR498G0307208200.01.T01	Opaque-2 heterodimerizing protein 1b
maker-3-augustus-gene-470.2-mRNA-1	Japonica	Indica		Os07g0181700	OsR498G0307207900.01.T01	GB1/RHD3-type G domain-containing protein
maker-3-augustus-gene-470.26-mRNA-1	Japonica	Indica		Os03g0797550	OsR498G0307210400.01.T01	Tryptophan synthase
maker-3-augustus-gene-470.30-mRNA-1	Japonica	Japonica		Os03g0797550	OsR498G0307211000.01.T02	Tryptophan synthase
maker-3-augustus-gene-471.42-mRNA-1	Japonica	NA		Os03g0798200	OsR498G0307214900.01.T02	E3 ubiquitin protein ligase DRIP2
maker-3-augustus-gene-471.47-mRNA-1	Japonica	NA			OsR498G0307215300.01.T03	DNA (cytosine-5)-methyltransferase
maker-3-augustus-gene-471.50-mRNA-1	Japonica	Japonica		Os03g0798500	OsR498G0307216100.01.T01	WRKY DNA binding domain containing protein, expressed
maker-3-augustus-gene-471.53-mRNA-1	Japonica	NA		Os03g0799000	OsR498G0307217700.01.T01	H15 domain-containing protein (Fragment)
maker-3-augustus-gene-471.55-mRNA-1	Japonica	NA		Os03g0799100	OsR498G0307217900.01.T01	TPX2 (Targeting protein for Xklp2) proteinfamily

maker-3-augustus-gene-471.59-mRNA-1	Japonica	NA		Os03g0799200	OsR498G0307218100.01.T04	GTD-binding domain-containing protein (Fragment)
maker-3-augustus-gene-471.61-mRNA-1	Japonica	NA		Os03g0799500	OsR498G0307218900.01.T01	C-repeat binding transcription factor
maker-3-augustus-gene-471.63-mRNA-1	Japonica	NA		Os03g0799600	OsR498G0307219100.01.T02	Chromatin remodeling protein EBS
maker-3-augustus-gene-471.66-mRNA-1	Japonica	NA		Os03g0799700	OsR498G0307219300.01.T01	Probable GTP-binding protein OBGC2
maker-3-augustus-gene-471.70-mRNA-1	Japonica	NA		Os03g0797800	OsR498G0307212800.01.T01	Auxin-responsive protein IAA14
maker-3-augustus-gene-471.72-mRNA-1	Japonica	NA		Os03g0797901	OsR498G0307183800.01.T02	Aldehyde oxidase2
maker-3-augustus-gene-471.74-mRNA-1	Japonica	Japonica		Os03g0798000	OsR498G0307214400.01.T01	Aldehyde oxidase1
maker-3-augustus-gene-471.77-mRNA-1	Japonica	NA		Os03g0798600	OsR498G0307216400.01.T01	Ribosomal protein S19/S15
maker-3-augustus-gene-472.0-mRNA-1	Japonica	Indica		Os07g0187700	OsR498G0307220100.01.T01	
maker-3-augustus-gene-472.17-mRNA-1	Japonica	Indica		Os03g0801500	OsR498G0307223100.01.T02	
maker-3-augustus-gene-472.21-mRNA-1	Japonica	NA		Os03g0801600	OsR498G0307223300.01.T01	Vacuolar protein sorting-associated protein 35
maker-3-augustus-gene-472.27-mRNA-1	Japonica	NA		Os03g0801800	OsR498G0307223700.01.T02	RNA-binding protein 28
maker-3-augustus-gene-472.3-mRNA-1	Japonica	NA			OsR498G0307220900.01.T02	Cactin C-terminal domain-containing protein
maker-3-augustus-gene-472.37-mRNA-1	Japonica	NA			OsR498G0307221200.01.T02	Argonaute/Dicer protein
maker-3-augustus-gene-472.43-mRNA-1	Japonica	NA		Os03g0800500	OsR498G0307221800.01.T01	Xaa-Pro aminopeptidase 2
maker-3-augustus-gene-472.45-mRNA-1	Japonica	NA		Os03g0800700	OsR498G0307222000.01.T01	Thioredoxin like
maker-3-augustus-gene-472.47-mRNA-1	Japonica	NA		Os03g0800800	OsR498G0307222200.01.T03	FHA domain containing protein, expressed
maker-3-augustus-gene-472.51-mRNA-1	Japonica	NA		Os03g0801700	OsR498G0307223600.01.T02	FAD synthetase, chloroplastic
maker-3-augustus-gene-473.44-mRNA-1	Japonica	NA		Os03g0801900	OsR498G0307224100.01.T01	DUF569 domain-containing protein
maker-3-augustus-gene-473.48-mRNA-1	Japonica	NA		Os03g0803000	OsR498G0307227300.01.T01	Vesicle-associated membrane protein 721
maker-3-augustus-gene-473.52-mRNA-1	Japonica	NA		Os03g0802300	OsR498G0307225800.01.T03	BTP domain-containing protein
maker-3-augustus-gene-473.57-mRNA-1	Japonica	NA			OsR498G0307226800.01.T01	DEAD-box ATP-dependent RNA helicase 27
maker-3-augustus-gene-473.65-mRNA-1	Japonica	Indica		Os07g0193600	OsR498G0307227000.01.T01	DDT domain-containing protein DDR4
maker-3-augustus-gene-473.72-mRNA-1	Japonica	NA		Os03g0802900	OsR498G0307227200.01.T01	Transcription factor BHLH089
maker-3-augustus-gene-476.53-mRNA-1	Japonica	NA		Os03g0808600	OsR498G0307247900.01.T01	Calcium-dependent protein kinase
maker-3-augustus-gene-476.58-mRNA-1	Japonica	Indica		Os07g0209100	OsR498G0307248900.01.T01	Galactinol--sucrose galactosyltransferase
maker-3-augustus-gene-476.62-mRNA-1	Japonica	NA			OsR498G0307249700.01.T01	BZIP transcription factor
maker-3-augustus-gene-476.77-mRNA-1	Japonica	NA		Os03g0809100	OsR498G0307249400.01.T01	MFS domain-containing protein (Fragment)
maker-3-augustus-gene-477.0-mRNA-1	Japonica	NA		Os03g0809700	OsR498G0307250900.01.T01	Protein-serine/threonine phosphatase
maker-3-augustus-gene-477.12-mRNA-1	Japonica	NA			OsR498G0307250200.01.T01	Protein-serine/threonine phosphatase
maker-3-augustus-gene-477.16-mRNA-1	Japonica	NA			OsR498G0307251200.01.T01	Zinc finger, RING-type
maker-3-augustus-gene-477.20-mRNA-1	Japonica	Indica		Os07g0212300	OsR498G0307253200.01.T01	NUDIX hydrolase domain
maker-3-augustus-gene-477.23-mRNA-1	Japonica	NA		Os03g0810600	OsR498G0307253800.01.T01	Mitochondrial Rho GTPase
maker-3-augustus-gene-477.29-mRNA-1	Japonica	Indica		Os03g0810600	OsR498G0307254000.01.T01	EF hand family protein, expressed
maker-3-augustus-gene-477.31-mRNA-1	Japonica	NA		Os03g0810900	OsR498G0307254600.01.T01	PNPLA domain-containing protein (Fragment)
maker-3-augustus-gene-477.5-mRNA-1	Japonica	NA		Os03g0809900	OsR498G0307251300.01.T01	RNA-binding protein 8A
maker-3-augustus-gene-477.8-mRNA-1	Japonica	NA		Os03g0810800	OsR498G0307254300.01.T01	Xanthoxin dehydrogenase
maker-3-augustus-gene-477.9-mRNA-1	Japonica	NA		Os03g0809300	OsR498G0307250000.01.T01	Protein-serine/threonine phosphatase
maker-3-augustus-gene-478.30-mRNA-1	Japonica	NA		Os03g0811100	OsR498G0307254700.01.T01	Mg-protoporphyrin IX chelatase
maker-3-augustus-gene-478.35-mRNA-1	Japonica	NA		Os03g0811200	OsR498G0307254900.01.T02	BRCA1 C Terminus domain containing protein expressed
maker-3-augustus-gene-478.39-mRNA-1	Japonica	NA		Os03g0811300	OsR498G0307255100.01.T01	AP complex subunit sigma
maker-3-augustus-gene-478.42-mRNA-1	Japonica	NA		Os03g0811400	OsR498G0307255700.01.T02	Transcription factor bHLH106
maker-3-augustus-gene-478.44-mRNA-1	Japonica	NA		Os03g0811900	OsR498G0307258500.01.T05	ADP-ribosylation factor A1F
maker-3-augustus-gene-478.48-mRNA-1	Japonica	NA		Os03g0811500	OsR498G0307257200.01.T01	PAPA-1 domain-containing protein (Fragment)
maker-3-augustus-gene-478.51-mRNA-1	Japonica	NA			OsR498G0307257600.01.T04	Peptidyl-prolyl cis-trans isomerase
maker-3-augustus-gene-478.56-mRNA-1	Japonica	Indica		Os03g0812000	OsR498G0307258800.01.T02	DNA gyrase subunit A chloroplastic/mitochondrial
maker-3-augustus-gene-479.35-mRNA-1	Japonica	NA				NAC domain-containing protein
maker-3-augustus-gene-479.37-mRNA-1	Japonica	NA		Os03g0813700	OsR498G0307262100.01.T01	
maker-3-augustus-gene-479.39-mRNA-1	Japonica	NA		Os03g0813200		Prohibitin
maker-3-augustus-gene-479.42-mRNA-1	Japonica	NA			OsR498G0307266000.01.T02	Prohibitin
maker-3-augustus-gene-48.24-mRNA-1	Japonica	NA		Os03g0195800	OsR498G0305383900.01.T02	High affinity sulfate transporter 2
maker-3-augustus-gene-48.27-mRNA-1	Japonica	NA		Os03g0196000	OsR498G0305385100.01.T01	Sulfate anion transporter
maker-3-augustus-gene-48.32-mRNA-1	Japonica	NA			OsR498G0305394200.01.T01	Small subunit ribosomal protein S10
maker-3-augustus-gene-480.0-mRNA-1	Japonica	NA		Os03g0815100	OsR498G0307266700.01.T01	Stress-induced transcription factor NAC1
maker-3-augustus-gene-480.13-mRNA-1	Japonica	NA		Os03g0815200	OsR498G0307267000.01.T01	Methylenetetrahydrofolate reductase
maker-3-augustus-gene-480.19-mRNA-1	Japonica	NA		Os03g0815900	OsR498G0307269000.01.T02	Transcription elongation factor TFIIS
maker-3-augustus-gene-480.2-mRNA-1	Japonica	NA		Os03g0815400	OsR498G0307267300.01.T02	Large subunit ribosomal protein L17
maker-3-augustus-gene-480.21-mRNA-1	Japonica	Japonica		Os03g0816000	OsR498G0307269200.01.T01	U-box domain-containing protein 62
maker-3-augustus-gene-480.25-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0816100	OsR498G0307269400.01.T01	Non-specific lipid-transfer protein-like isoform 1
maker-3-augustus-gene-480.31-mRNA-1	Japonica	NA			OsR498G0307271600.01.T01	Plant mobile domain protein family
maker-3-augustus-gene-480.33-mRNA-1	Japonica	NA		Os03g0816400	OsR498G0307272000.01.T02	EngB-type G domain-containing protein

maker-3-augustus-gene-480.37-mRNA-1	Japonica	NA		Os03g0816700	OsR498G0307273800.01.T01	
maker-3-augustus-gene-480.4-mRNA-1	Japonica	NA		Os03g0815700	OsR498G0307268300.01.T01	KH domain, STAR protein, homodimerization region
maker-3-augustus-gene-480.8-mRNA-1	Japonica	NA		Os03g0816600	OsR498G0307273500.01.T01	Pentatricopeptide repeat-containing protein (Fragment)
maker-3-augustus-gene-481.32-mRNA-1	Japonica	Indica		Os03g0816900	OsR498G0307274900.01.T01	WH2 domain-containing protein
maker-3-augustus-gene-481.40-mRNA-1	Japonica	NA		Os03g0818000		Protein FLC EXPRESSOR
maker-3-augustus-gene-481.43-mRNA-1	Japonica	NA		Os03g0818100	OsR498G0307279900.01.T02	Multiple inositol polyphosphate phosphatase PhylIc
maker-3-augustus-gene-481.49-mRNA-1	Japonica	NA		Os03g0818200		Epimerase domain-containing protein
maker-3-augustus-gene-481.51-mRNA-1	Japonica	NA		Os03g0817100	OsR498G0307275400.01.T01	
maker-3-augustus-gene-481.53-mRNA-1	Japonica	NA		Os03g0817500	OsR498G0307277400.01.T01	Trichome birefringence-like 34
maker-3-augustus-gene-481.55-mRNA-1	Japonica	NA				
maker-3-augustus-gene-481.58-mRNA-1	Japonica	NA			OsR498G0307278600.01.T02	Protein trichome birefringence-like 33
maker-3-augustus-gene-481.62-mRNA-1	Japonica	NA		Os03g0817900	OsR498G0307279400.01.T01	Protein trichome birefringence-like protein 33
maker-3-augustus-gene-481.66-mRNA-1	Japonica	NA		Os03g0818300	OsR498G0307280200.01.T01	ALFIN-like transcription factor
maker-3-augustus-gene-481.68-mRNA-1	Japonica	NA		Os03g0818400	OsR498G0307280400.01.T01	40S ribosomal protein S23
maker-3-augustus-gene-482.42-mRNA-1	Japonica	Japonica		Os03g0818800	OsR498G0307281900.01.T01	Floral homeotic protein APETALA 2
maker-3-augustus-gene-482.48-mRNA-1	Japonica	NA		Os03g0819100	OsR498G0307282900.01.T01	Leukotriene A-4 hydrolase
maker-3-augustus-gene-482.51-mRNA-1	Japonica	NA		Os03g0819300	OsR498G0307283100.01.T01	Glycine-rich protein A3
maker-3-augustus-gene-482.53-mRNA-1	Japonica	NA				RAB GTPase homolog 8A
maker-3-augustus-gene-482.61-mRNA-1	Japonica	NA		Os03g0820500	OsR498G0307286300.01.T01	Actin-depolymerizing factor
maker-3-augustus-gene-482.64-mRNA-1	Japonica	NA		Os03g0821100	OsR498G0307287500.01.T01	Non-cell-autonomous heat shock cognate protein 70
maker-3-augustus-gene-482.66-mRNA-1	Japonica	NA			OsR498G0307281400.01.T01	
maker-3-augustus-gene-482.67-mRNA-1	Japonica	NA		Os03g0819400	OsR498G0307283400.01.T01	Protein SODIUM POTASSIUM ROOT DEFECTIVE 2 like
maker-3-augustus-gene-482.70-mRNA-1	Japonica	NA				Peptidase A1 domain-containing protein
maker-3-augustus-gene-482.71-mRNA-1	Japonica	NA		Os03g0819600	OsR498G0307284200.01.T01	Chalcone--flavonone isomerase
maker-3-augustus-gene-482.75-mRNA-1	Japonica	NA		Os03g0819700	OsR498G0307284400.01.T01	DUF4378 domain-containing protein (Fragment)
maker-3-augustus-gene-482.78-mRNA-1	Japonica	NA		Os03g0820700	OsR498G0307286800.01.T01	Serine/arginine-rich splicing factor 7 (Fragment)
maker-3-augustus-gene-482.82-mRNA-1	Japonica	NA		Os03g0820900	OsR498G0307287200.01.T02	SEC14 cytosolic factor family protein / phosphoglyceride transfer family protein
maker-3-augustus-gene-483.0-mRNA-1	Japonica	NA		Os03g0821200	OsR498G0307287900.01.T01	Dof-type domain-containing protein
maker-3-augustus-gene-483.10-mRNA-1	Japonica	NA		Os03g0822300	OsR498G0307294300.01.T03	Ribosomal RNA methyltransferase FtsJ domain
maker-3-augustus-gene-483.14-mRNA-1	Japonica	NA		Os03g0822700	OsR498G0307294700.01.T01	TOG domain-containing protein (Fragment)
maker-3-augustus-gene-483.18-mRNA-1	Japonica	Indica		Os03g0822800	OsR498G0307294900.01.T01	DnaJ subfamily A member 3
maker-3-augustus-gene-483.23-mRNA-1	Japonica	NA		Os03g0821300	OsR498G0307290000.01.T01	PPM-type phosphatase domain-containing protein
maker-3-augustus-gene-483.27-mRNA-1	Japonica	Indica		Os03g0821800	OsR498G0307292200.01.T02	Dolichyl-phosphate beta-glucosyltransferase
maker-3-augustus-gene-483.33-mRNA-1	Japonica	NA		Os03g0822000	OsR498G0307292800.01.T01	Expansin
maker-3-augustus-gene-483.36-mRNA-1	Japonica	NA		Os03g0822200	OsR498G0307294200.01.T01	Sanguinarine reductase
maker-3-augustus-gene-483.7-mRNA-1	Japonica	NA		Os07g0624100		BED zinc finger family protein, expressed
maker-3-augustus-gene-484.43-mRNA-1	Japonica	NA		Os03g0824200	OsR498G0307298700.01.T01	HemK methyltransferase family member 2
maker-3-augustus-gene-484.45-mRNA-1	Japonica	Indica		Os03g0824300	OsR498G0307299100.01.T03	RNA-binding protein 28
maker-3-augustus-gene-484.52-mRNA-1	Japonica	NA		Os03g0824400	OsR498G0307299300.01.T02	Dolichol-phosphate mannosyltransferase subunit 1
maker-3-augustus-gene-484.56-mRNA-1	Japonica	Indica		Os03g0823200	OsR498G0307295800.01.T03	D-xylose-proton symporter-like 3 chloroplastic
maker-3-augustus-gene-484.62-mRNA-1	Japonica	NA		Os03g0823500	OsR498G0307296800.01.T01	Nitrate transporter 1/peptide transporter family protein
maker-3-augustus-gene-484.68-mRNA-1	Japonica	NA				nucleobase-ascorbate transporter 7
maker-3-augustus-gene-484.75-mRNA-1	Japonica	Japonica		Os03g0823900	OsR498G0306282100.01.T02	Calmodulin-binding protein, putative, expressed
maker-3-augustus-gene-484.79-mRNA-1	Japonica	Indica		Os03g0824100	OsR498G0307298600.01.T01	Smr domain-containing protein (Fragment)
maker-3-augustus-gene-484.83-mRNA-1	Japonica	NA		Os03g0824350	OsR498G0100977700.01.T05	NnrU domain-containing protein
maker-3-augustus-gene-484.85-mRNA-1	Japonica	NA			OsR498G0307300000.01.T01	
maker-3-augustus-gene-485.0-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0825300	OsR498G0307301100.01.T01	Putative serine/threonine-protein kinase BSK3
maker-3-augustus-gene-485.11-mRNA-1	Japonica	NA		Os03g0826400	OsR498G0307305100.01.T01	Zinc finger CCH domain-containing protein 25
maker-3-augustus-gene-485.15-mRNA-1	Japonica	Indica		Os03g0826600	OsR498G0307305700.01.T01	Phospholipase C-type enzymes
maker-3-augustus-gene-485.17-mRNA-1	Japonica	NA		Os03g0825400	OsR498G0307301400.01.T01	Mitochondrial import inner membrane translocase
maker-3-augustus-gene-485.21-mRNA-1	Japonica	NA	Kinase	Os03g0825800	OsR498G0307302800.01.T02	Receptor-like protein kinase ANXUR2
maker-3-augustus-gene-485.23-mRNA-1	Japonica	NA		Os03g0826000	OsR498G0307304400.01.T03	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P-related
maker-3-augustus-gene-485.25-mRNA-1	Japonica	NA			OsR498G0307305000.01.T01	GONST2 Golgi Nucleotide sugar transporter
maker-3-augustus-gene-485.31-mRNA-1	Japonica	Indica		Os03g0826700	OsR498G0307306000.01.T01	S-adenosyl-L-methionine-dependent methyltransferases superfamily protein
maker-3-augustus-gene-485.35-mRNA-1	Japonica	NA		Os03g0826800	OsR498G0307306200.01.T01	Isoflavone reductase-like protein-like
maker-3-augustus-gene-485.38-mRNA-1	Japonica	Indica		Os03g0826900	OsR498G0307306400.01.T01	
maker-3-augustus-gene-485.4-mRNA-1	Japonica	NA		Os03g0825500	OsR498G0307301500.01.T02	KOW motif family protein, expressed
maker-3-augustus-gene-485.6-mRNA-1	Japonica	NA		Os03g0825700	OsR498G0307302500.01.T02	Defective in exine formation
maker-3-augustus-gene-486.44-mRNA-1	Japonica	Indica		Os03g0827500	OsR498G0307307900.01.T02	SPX domain-containing protein 4
maker-3-augustus-gene-486.48-mRNA-1	Japonica	NA		Os03g0827700	OsR498G0307308700.01.T02	DEAD-box ATP-dependent RNA helicase 3, chloroplastic
maker-3-augustus-gene-486.52-mRNA-1	Japonica	NA		Os03g0828100	OsR498G0307311600.01.T01	Large subunit ribosomal protein L18

maker-3-augustus-gene-486.54-mRNA-1	Japonica	Indica		Os03g0828500	OsR498G0307311400.01.T01	Mannan endo-1,4-beta-mannosidase
maker-3-augustus-gene-486.56-mRNA-1	Japonica	Japonica		Os03g0828500	OsR498G0307311000.01.T01	Mannan endo-1,4-beta-mannosidase
maker-3-augustus-gene-486.58-mRNA-1	Japonica	NA		Os03g0828600	OsR498G0307310800.01.T01	Cation/H(+) antiporter 19
maker-3-augustus-gene-486.60-mRNA-1	Japonica	NA			OsR498G0307308200.01.T01	Transmembrane protein like
maker-3-augustus-gene-486.65-mRNA-1	Japonica	NA			OsR498G0307311800.01.T04	Acylpyruvase FAHD1, mitochondrial
maker-3-augustus-gene-486.70-mRNA-1	Japonica	NA		Os03g0829100	OsR498G0307312000.01.T01	AB hydrolase-1 domain-containing protein (Fragment)
maker-3-augustus-gene-486.72-mRNA-1	Japonica	NA		Os03g0829200	OsR498G0307312200.01.T01	AB hydrolase-1 domain-containing protein (Fragment)
maker-3-augustus-gene-487.0-mRNA-1	Japonica	NA			OsR498G0307315300.01.T01	J domain-containing protein (Fragment)
maker-3-augustus-gene-487.14-mRNA-1	Japonica	Indica		Os03g0829800	OsR498G0307313000.01.T01	Cell number regulator 2
maker-3-augustus-gene-487.16-mRNA-1	Japonica	NA		Os03g0830200	OsR498G0307313600.01.T01	Cell number regulator 7
maker-3-augustus-gene-487.18-mRNA-1	Japonica	Indica		Os03g0830401	OsR498G0307313800.01.T01	Cell number regulator 7
maker-3-augustus-gene-487.2-mRNA-1	Japonica	NA		Os03g0831200	OsR498G0307315700.01.T01	GATA-type domain-containing protein
maker-3-augustus-gene-487.20-mRNA-1	Japonica	NA		Os03g0830500	OsR498G0307314400.01.T01	Cell number regulator 2
maker-3-augustus-gene-487.22-mRNA-1	Japonica	NA				PMEI domain-containing protein
maker-3-augustus-gene-487.23-mRNA-1	Japonica	NA		Os03g0830900	OsR498G0307315200.01.T01	Mono-/di-acylglycerol lipase N-terminal
maker-3-augustus-gene-487.28-mRNA-1	Japonica	NA		Os03g0831100	OsR498G0307315600.01.T02	Pumilio homology domain family member 6
maker-3-augustus-gene-489.65-mRNA-1	Japonica	NA		Os03g0128700	OsR498G0305164700.01.T04	
maker-3-augustus-gene-49.38-mRNA-1	Japonica	NA		Os03g0197100	OsR498G0305395700.01.T01	Polyol transporter protein 4
maker-3-augustus-gene-49.40-mRNA-1	Japonica	NA		Os03g0197300	OsR498G0305397500.01.T01	Vicilin-like seed storage protein
maker-3-augustus-gene-49.42-mRNA-1	Japonica	NA		Os03g0198300	OsR498G0305402100.01.T04	J domain-containing protein required for chloroplast accumulation response
maker-3-augustus-gene-49.47-mRNA-1	Japonica	NA		Os03g0198400	OsR498G0305402300.01.T03	Seryl-tRNA synthetase
maker-3-augustus-gene-49.54-mRNA-1	Japonica	NA		Os03g0198500	OsR498G0305402700.01.T01	DUF862 domain-containing protein
maker-3-augustus-gene-49.57-mRNA-1	Japonica	Indica		Os03g0196900	OsR498G0305394400.01.T01	Plant-specific TFIIB-related protein 1
maker-3-augustus-gene-49.61-mRNA-1	Japonica	NA		Os03g0197000	OsR498G0305394600.01.T05	Di-trans, poly(cis)-poly(prenyl) diphosphate synthase ((2E,6E)-farnesyl)diphosphatase
maker-3-augustus-gene-49.66-mRNA-1	Japonica	NA		Os03g0197400	OsR498G0305398000.01.T01	COP9 signalosome complex subunit 4
maker-3-augustus-gene-49.71-mRNA-1	Japonica	NA		Os03g0197900	OsR498G0305401000.01.T01	Transcription repressor
maker-3-augustus-gene-49.72-mRNA-1	Japonica	NA		Os03g0198600	OsR498G0305403200.01.T01	Homeodomain leucine zipper protein class 1
maker-3-augustus-gene-490.43-mRNA-1	Japonica	Indica		Os03g0836800	OsR498G0307335100.01.T02	IAA-amino acid hydrolase ILR1-like protein 8
maker-3-augustus-gene-490.46-mRNA-1	Japonica	NA		Os03g0836900	OsR498G0307335500.01.T01	IAA-amino acid hydrolase ILR1
maker-3-augustus-gene-490.48-mRNA-1	Japonica	NA		Os03g0837100	OsR498G0307336500.01.T03	Cellulose synthase
maker-3-augustus-gene-490.56-mRNA-1	Japonica	NA		Os03g0837300	OsR498G0307337900.01.T01	Nicotinate phosphoribosyltransferase
maker-3-augustus-gene-490.62-mRNA-1	Japonica	NA				Coenzyme Q-binding protein COQ10, START domain containing protein (Fragment)
maker-3-augustus-gene-490.65-mRNA-1	Japonica	Indica		Os03g0838400	OsR498G0307339700.01.T01	Ammonium transporter
maker-3-augustus-gene-490.67-mRNA-1	Japonica	NA		Os03g0838500	OsR498G0307339900.01.T01	Inhibitor 19 domain-containing protein
maker-3-augustus-gene-490.69-mRNA-1	Japonica	NA		Os03g0837000	OsR498G0307335800.01.T02	
maker-3-augustus-gene-490.75-mRNA-1	Japonica	NA			OsR498G0307337800.01.T01	Myb-like DNA-binding domain containing protein
maker-3-augustus-gene-490.77-mRNA-1	Japonica	Indica		Os03g0837800	OsR498G0307338600.01.T02	Transmembrane and coiled-coil domain-containing protein 5B
maker-3-augustus-gene-491.0-mRNA-1	Japonica	NA			OsR498G0307341100.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-491.12-mRNA-1	Japonica	NA		Os03g0839100	OsR498G0307341000.01.T01	Ubiquinone biosynthesis monooxygenase COQ6, mitochondrial
maker-3-augustus-gene-491.2-mRNA-1	Japonica	NA			OsR498G0307342100.01.T01	
maker-3-augustus-gene-491.22-mRNA-1	Japonica	NA	Kinase-TM	Os03g0839900	OsR498G0307344800.01.T01	Protein kinase protein with adenine nucleotide alpha hydrolase-like domain
maker-3-augustus-gene-491.5-mRNA-1	Japonica	NA		Os03g0838900	OsR498G0307340800.01.T02	Transcription termination factor like
maker-3-augustus-gene-491.7-mRNA-1	Japonica	NA		Os03g0839000	OsR498G0307340800.01.T04	E3 ubiquitin-protein ligase RNF170
maker-3-augustus-gene-492.0-mRNA-1	Japonica	NA			OsR498G0307349700.01.T01	
maker-3-augustus-gene-492.16-mRNA-1	Japonica	NA			OsR498G0307352700.01.T05	RNA-binding protein containing a PIN domain
maker-3-augustus-gene-492.2-mRNA-1	Japonica	NA			OsR498G0307350100.01.T01	Calcium-dependent protein kinase 6, putative
maker-3-augustus-gene-492.21-mRNA-1	Japonica	NA		Os03g0843400	OsR498G0307353300.01.T01	30S ribosomal protein S6 alpha chloroplastic
maker-3-augustus-gene-492.24-mRNA-1	Japonica	NA		Os03g0840400	OsR498G0307346800.01.T01	SANT domain-containing protein
maker-3-augustus-gene-492.37-mRNA-1	Japonica	Indica		Os03g0840800	OsR498G0307347800.01.T01	Phospholipase D
maker-3-augustus-gene-492.41-mRNA-1	Japonica	NA	CC-Kinase-TM	Os03g0841100	OsR498G0307348200.01.T01	Wall-associated receptor kinase 3
maker-3-augustus-gene-492.45-mRNA-1	Japonica	NA		Os03g0841700	OsR498G0307348600.01.T01	Prohibitin
maker-3-augustus-gene-492.48-mRNA-1	Japonica	NA	Kinase	Os03g0841800	OsR498G0307348800.01.T01	Non-specific serine/threonine protein kinase
maker-3-augustus-gene-492.50-mRNA-1	Japonica	Japonica		Os03g0841900	OsR498G0307349200.01.T04	Prolycopene isomerase chloroplastic
maker-3-augustus-gene-493.1-mRNA-1	Japonica	NA		Os03g0843600	OsR498G0307353700.01.T04	Ion channel CASTOR
maker-3-augustus-gene-493.15-mRNA-1	Japonica	Indica		Os08g0116800	OsR498G0307356100.01.T02	Exosome complex component
maker-3-augustus-gene-493.19-mRNA-1	Japonica	NA		Os03g0844500	OsR498G0307356300.01.T02	Serine/threonine protein phosphatase 2A regulatory subunit
maker-3-augustus-gene-493.21-mRNA-1	Japonica	NA			OsR498G0307356900.01.T01	ALBINO3-like protein 1, chloroplastic isoform A
maker-3-augustus-gene-493.31-mRNA-1	Japonica	NA			OsR498G0307353600.01.T09	RNA-binding protein Luc7-like 2
maker-3-augustus-gene-493.45-mRNA-1	Japonica	NA		Os03g0844600	OsR498G0307356600.01.T01	Gdsl esteraselipase
maker-3-augustus-gene-493.53-mRNA-1	Japonica	Indica		Os03g0845000	OsR498G0307357800.01.T03	30S ribosomal protein S1 isoform X1
maker-3-augustus-gene-493.7-mRNA-1	Japonica	NA			OsR498G0307354300.01.T02	Thiol methyltransferase

maker-3-augustus-gene-494.24-mRNA-1	Japonica	NA		Os03g0846400	OsR498G0307362100.01.T03	Putative polyprotein from transposon TNT
maker-3-augustus-gene-494.29-mRNA-1	Japonica	NA		Os04g0668900	OsR498G0409459400.01.T06	Ubiquinol oxidase
maker-3-augustus-gene-494.32-mRNA-1	Japonica	NA	Kinase-TM	Os03g0847600	OsR498G0307365500.01.T05	Serine/threonine protein kinase
maker-3-augustus-gene-494.37-mRNA-1	Japonica	NA		Os03g0845500	OsR498G0307359200.01.T04	Acyl-activating enzyme 16
maker-3-augustus-gene-494.44-mRNA-1	Japonica	Indica		Os03g0845700	OsR498G0307360000.01.T03	Nucleic acid-binding, OB-fold (Fragment)
maker-3-augustus-gene-494.47-mRNA-1	Japonica	NA		Os03g0846900		
maker-3-augustus-gene-495.0-mRNA-1	Japonica	NA			OsR498G0307366100.01.T02	Ankyrin repeat domain-containing protein 11-like
maker-3-augustus-gene-495.13-mRNA-1	Japonica	NA		Os03g0848100	OsR498G0307367000.01.T04	Ser/Thr protein phosphatase family protein, expressed
maker-3-augustus-gene-495.15-mRNA-1	Japonica	NA		Os03g0848200	OsR498G0307367200.01.T01	Purple acid phosphatase
maker-3-augustus-gene-495.17-mRNA-1	Japonica	NA		Os03g0848400	OsR498G0307367600.01.T03	Endoplasmic reticulum transmembrane protein (Fragment)
maker-3-augustus-gene-495.19-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os03g0848700	OsR498G0307368000.01.T01	Powdery mildew resistance protein PM3 variant
maker-3-augustus-gene-495.28-mRNA-1	Japonica	Japonica		Os03g0849600	OsR498G0307368400.01.T01	Component of oligomeric Golgi complex 2
maker-3-augustus-gene-495.3-mRNA-1	Japonica	NA			OsR498G0307366700.01.T01	ROP-interactive CRIB motif-containing protein 4
maker-3-augustus-gene-495.5-mRNA-1	Japonica	NA		Os03g0848300	OsR498G0307367300.01.T01	Actin-related protein 2/3 complex subunit 4
maker-3-augustus-gene-495.9-mRNA-1	Japonica	NA		Os03g0848600	OsR498G0307367700.01.T04	AvrRpt-cleavage domain-containing protein (Fragment)
maker-3-augustus-gene-496.42-mRNA-1	Japonica	Japonica		Os03g0849700	OsR498G0307368500.01.T03	Sec16 domain-containing protein
maker-3-augustus-gene-496.44-mRNA-1	Japonica	Indica		Os03g0849800	OsR498G0307369100.01.T03	Nucleotide-diphospho-sugar transferase family protein
maker-3-augustus-gene-496.48-mRNA-1	Japonica	NA		Os03g0850200	OsR498G0307370500.01.T01	4-hydroxyphenylacetaldehyde oxime monooxygenase
maker-3-augustus-gene-496.50-mRNA-1	Japonica	Indica		Os03g0850400	OsR498G0307371900.01.T01	Aspartate kinase
maker-3-augustus-gene-496.60-mRNA-1	Japonica	Indica		Os03g0851400	OsR498G0307375500.01.T02	
maker-3-augustus-gene-496.63-mRNA-1	Japonica	NA		Os03g0850000	OsR498G0307370200.01.T01	Carbonyl reductase (NADPH) 2
maker-3-augustus-gene-496.65-mRNA-1	Japonica	NA		Os03g0850100	OsR498G0307370400.01.T02	FCP1 homology domain-containing protein (Fragment)
maker-3-augustus-gene-496.68-mRNA-1	Japonica	NA		Os03g0850600	OsR498G0307373000.01.T01	Perilipin-3
maker-3-augustus-gene-496.73-mRNA-1	Japonica	NA		Os03g0850800	OsR498G0307373800.01.T01	Transferring glycosyl group transferase
maker-3-augustus-gene-497.38-mRNA-1	Japonica	NA		Os03g0851500	OsR498G0307375500.01.T05	DNA repair RAD52-like protein 2, chloroplastic
maker-3-augustus-gene-497.40-mRNA-1	Japonica	Indica		Os03g0851600	OsR498G0307375700.01.T02	U5 small nuclear ribonucleoprotein 40 kDa protein isoform X1
maker-3-augustus-gene-497.45-mRNA-1	Japonica	NA		Os03g0851700	OsR498G0307375900.01.T01	Ankyrin repeat domain-containing protein 2
maker-3-augustus-gene-497.47-mRNA-1	Japonica	NA		Os03g0851800	OsR498G0307376100.01.T01	Pantoate--beta-alanine ligase
maker-3-augustus-gene-497.49-mRNA-1	Japonica	NA		Os03g0852300	OsR498G0307377100.01.T04	Histone-like transcription factor and archaeal histone family protein, expres
maker-3-augustus-gene-497.51-mRNA-1	Japonica	NA		Os03g0852600	OsR498G0307377700.01.T01	
maker-3-augustus-gene-497.53-mRNA-1	Japonica	NA			OsR498G0307379100.01.T01	Tetraspanin-3
maker-3-augustus-gene-497.55-mRNA-1	Japonica	NA		Os03g0853200	OsR498G0307379500.01.T01	Tetraspanin/Peripherin
maker-3-augustus-gene-497.57-mRNA-1	Japonica	NA		Os03g0851900	OsR498G0307376600.01.T05	lactation elevated protein 1 isoform X3
maker-3-augustus-gene-497.62-mRNA-1	Japonica	NA		Os03g0852000	OsR498G0307376600.01.T07	Transcription factor bHLH25-like
maker-3-augustus-gene-497.64-mRNA-1	Japonica	NA		Os03g0852200	OsR498G0307377000.01.T01	Derlin
maker-3-augustus-gene-497.68-mRNA-1	Japonica	NA		Os03g0852500	OsR498G0307377600.01.T01	
maker-3-augustus-gene-497.70-mRNA-1	Japonica	NA		Os03g0852900	OsR498G0307378800.01.T01	Cleavage and polyadenylation specificity factor
maker-3-augustus-gene-498.31-mRNA-1	Japonica	Indica		Os03g0853500	OsR498G0307381100.01.T01	Brevis radix (BRX) domain
maker-3-augustus-gene-498.36-mRNA-1	Japonica	NA		Os03g0854300	OsR498G0307383300.01.T02	RNA-binding protein 34
maker-3-augustus-gene-498.39-mRNA-1	Japonica	NA		Os03g0854500	OsR498G0307383900.01.T04	Heat shock transcription factor
maker-3-augustus-gene-498.41-mRNA-1	Japonica	Indica		Os03g0853600	OsR498G0307381600.01.T02	Ribonuclease P protein subunit P38-related
maker-3-augustus-gene-498.44-mRNA-1	Japonica	NA		Os03g0853900	OsR498G0307382600.01.T02	Sinigrinase
maker-3-augustus-gene-498.48-mRNA-1	Japonica	NA		Os03g0854100	OsR498G0307383000.01.T04	probable ADP-ribosylation factor GTPase-activating protein AGD8
maker-3-augustus-gene-498.53-mRNA-1	Japonica	NA		Os03g0854200	OsR498G0307383200.01.T02	Exosome complex exonuclease RRP46 like
maker-3-augustus-gene-498.57-mRNA-1	Japonica	NA		Os03g0854600	OsR498G0307384200.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-3-augustus-gene-498.59-mRNA-1	Japonica	Indica		Os03g0854800	OsR498G0307385000.01.T05	PARP catalytic domain-containing protein
maker-3-augustus-gene-499.0-mRNA-1	Japonica	NA		Os03g0855100	OsR498G0307385900.01.T01	WRKY transcription factor 14
maker-3-augustus-gene-499.10-mRNA-1	Japonica	NA			OsR498G0307391700.01.T05	Coatomer subunit zeta
maker-3-augustus-gene-499.13-mRNA-1	Japonica	NA			OsR498G0307391700.01.T02	ATP-dependent DNA helicase 2 subunit KU80
maker-3-augustus-gene-5.0-mRNA-1	Japonica	NA			OsR498G0305108900.01.T01	RDR2-independent DNA methylation protein
maker-3-augustus-gene-5.11-mRNA-1	Japonica	NA		Os03g0113800	OsR498G0305113100.01.T01	Hop-interacting protein TH1002
maker-3-augustus-gene-5.17-mRNA-1	Japonica	NA			OsR498G0305113900.01.T01	Kinesin-like protein KIN-14E
maker-3-augustus-gene-5.29-mRNA-1	Japonica	NA		Os03g0112800	OsR498G0305109200.01.T01	Putative DUF26 domain receptor-like protein kinase
maker-3-augustus-gene-5.35-mRNA-1	Japonica	NA		Os03g0112900	OsR498G0305109400.01.T01	Ferulic acid 5-hydroxylase
maker-3-augustus-gene-5.37-mRNA-1	Japonica	NA	Kinase-TM	Os03g0113000	OsR498G0305110000.01.T01	Receptor protein kinase CRINKLY4
maker-3-augustus-gene-5.39-mRNA-1	Japonica	NA			OsR498G0305111400.01.T01	Trihelix transcription factor GT-2
maker-3-augustus-gene-5.41-mRNA-1	Japonica	NA			OsR498G0305112400.01.T01	
maker-3-augustus-gene-5.43-mRNA-1	Japonica	NA		Os03g0113700	OsR498G0305113000.01.T01	Heat shock 70 kDa protein, mitochondrial
maker-3-augustus-gene-5.7-mRNA-1	Japonica	NA		Os03g0113100	OsR498G0305110300.01.T01	Thymidine kinase
maker-3-augustus-gene-5.9-mRNA-1	Japonica	NA		Os03g0113200	OsR498G0305110500.01.T02	F-box domain containing protein-like
maker-3-augustus-gene-50.33-mRNA-1	Japonica	Indica		Os12g0511300	OsR498G0305405300.01.T02	CRT-like domain-containing protein (Fragment)

maker-3-augustus-gene-50.38-mRNA-1	Japonica	Indica		Os12g0511200	OsR498G0305408900.01.T01	Heptahelical transmembrane protein 5
maker-3-augustus-gene-50.40-mRNA-1	Japonica	NA				
maker-3-augustus-gene-50.42-mRNA-1	Japonica	NA		Os03g0200200	OsR498G0305409500.01.T02	TRIO and F-actin-binding protein
maker-3-augustus-gene-50.44-mRNA-1	Japonica	Indica		Os03g0200400	OsR498G0305410100.01.T01	CYSTM domain-containing protein
maker-3-augustus-gene-50.47-mRNA-1	Japonica	NA		Os03g0200500	OsR498G0305410500.01.T01	
maker-3-augustus-gene-50.51-mRNA-1	Japonica	NA		Os03g0198900	OsR498G0305405200.01.T02	26S proteasome non-ATPase regulatory subunit 9-like
maker-3-augustus-gene-50.53-mRNA-1	Japonica	NA			OsR498G0305405200.01.T07	Methyltransferase-like protein 2 isoform A
maker-3-augustus-gene-50.56-mRNA-1	Japonica	Indica		Os03g0199500	OsR498G0305407200.01.T01	zf-RVT domain-containing protein
maker-3-augustus-gene-50.59-mRNA-1	Japonica	NA			OsR498G0305410800.01.T03	No pollen germination related 1
maker-3-augustus-gene-500.37-mRNA-1	Japonica	NA		Os03g0858400	OsR498G0307398100.01.T01	Transducin beta-like protein 2-like
maker-3-augustus-gene-500.41-mRNA-1	Japonica	Indica		Os03g0857400	OsR498G0307396400.01.T02	PGR5-like protein 1B chloroplastic
maker-3-augustus-gene-500.45-mRNA-1	Japonica	NA		Os03g0857500	OsR498G0307396600.01.T02	SASA domain-containing protein (Fragment)
maker-3-augustus-gene-500.49-mRNA-1	Japonica	NA		Os03g0858100	OsR498G0307397600.01.T03	Importin N-terminal domain-containing protein (Fragment)
maker-3-augustus-gene-501.46-mRNA-1	Japonica	NA		Os03g0859900	OsR498G0307400900.01.T01	DUF547 domain-containing protein
maker-3-augustus-gene-501.52-mRNA-1	Japonica	NA			OsR498G0307401100.01.T04	ASCH domain-containing protein
maker-3-augustus-gene-501.56-mRNA-1	Japonica	NA		Os03g0858700		ATP-dependent DNA helicase 2 subunit KU80-like
maker-3-augustus-gene-501.58-mRNA-1	Japonica	NA		Os03g0859100	OsR498G0307399600.01.T01	GDSL esterase/lipase EXL3
maker-3-augustus-gene-501.60-mRNA-1	Japonica	NA		Os03g0859300	OsR498G0307400000.01.T01	La domain containing protein, expressed
maker-3-augustus-gene-501.63-mRNA-1	Japonica	NA		Os03g0859500	OsR498G0307400200.01.T01	ABC-2 type transporter family protein isoform 1
maker-3-augustus-gene-501.67-mRNA-1	Japonica	Indica		Os12g0277500	OsR498G0307400200.01.T05	RuBisCO large subunit-binding protein subunit alpha
maker-3-augustus-gene-501.72-mRNA-1	Japonica	Indica		Os03g0859800	OsR498G0307400600.01.T02	OTU-like cysteine protease family protein, putative, expressed
maker-3-augustus-gene-502.58-mRNA-1	Japonica	NA			OsR498G0307404300.01.T04	Transcriptional corepressor LEUNIG
maker-3-augustus-gene-502.65-mRNA-1	Japonica	Japonica		Os03g0861100	OsR498G0307404700.01.T03	
maker-3-augustus-gene-502.73-mRNA-1	Japonica	NA		Os03g0862100	OsR498G0307406700.01.T03	SLH domain-containing protein
maker-3-augustus-gene-502.81-mRNA-1	Japonica	NA		Os03g0861400	OsR498G0307405400.01.T02	Heavy metal-associated domain containing protein, expressed
maker-3-augustus-gene-502.91-mRNA-1	Japonica	NA		Os03g0862200	OsR498G0713369200.01.T01	Kinesin motor domain-containing protein
maker-3-augustus-gene-51.0-mRNA-1	Japonica	NA		Os03g0201000	OsR498G0305411500.01.T01	
maker-3-augustus-gene-51.12-mRNA-1	Japonica	NA		Os03g0202500	OsR498G0305415900.01.T02	FBD domain-containing protein
maker-3-augustus-gene-51.16-mRNA-1	Japonica	NA		Os03g0200700	OsR498G0305411000.01.T01	
maker-3-augustus-gene-51.2-mRNA-1	Japonica	NA		Os03g0201200	OsR498G0305411900.01.T01	Anti-sigma-I factor RsgI6
maker-3-augustus-gene-51.22-mRNA-1	Japonica	Indica		Os03g0200800	OsR498G0305411200.01.T01	ADP-ribosylation factor-like protein 8a
maker-3-augustus-gene-51.25-mRNA-1	Japonica	Indica		Os03g0201100	OsR498G0305411800.01.T04	Peptidylprolyl isomerase
maker-3-augustus-gene-51.33-mRNA-1	Japonica	Indica		Os03g0201600	OsR498G0305413000.01.T03	YrdC domain-containing protein, mitochondrial
maker-3-augustus-gene-51.36-mRNA-1	Japonica	NA		Os03g0201800	OsR498G0305413400.01.T01	GH10 domain-containing protein (Fragment)
maker-3-augustus-gene-51.38-mRNA-1	Japonica	Indica		Os03g0201901	OsR498G0305413600.01.T01	GH10 domain-containing protein (Fragment)
maker-3-augustus-gene-51.40-mRNA-1	Japonica	Indica	NBS-TM	Os07g0573100	OsR498G0305414000.01.T04	Adenylyl-sulfate kinase
maker-3-augustus-gene-51.44-mRNA-1	Japonica	NA		Os03g0202200	OsR498G0305414200.01.T01	Outer mitochondrial membrane protein porin
maker-3-augustus-gene-51.47-mRNA-1	Japonica	NA		Os03g0202300	OsR498G0305414400.01.T01	Ribosomal RNA large subunit methyltransferase N
maker-3-augustus-gene-51.5-mRNA-1	Japonica	Indica		Os03g0201400	OsR498G0305412700.01.T01	GH10 domain-containing protein (Fragment)
maker-3-augustus-gene-51.8-mRNA-1	Japonica	NA		Os03g0201700	OsR498G0305413100.01.T01	Elongator complex protein 5
maker-3-augustus-gene-52.36-mRNA-1	Japonica	NA		Os09g0506800	OsR498G0917770500.01.T06	HORMA domain-containing protein 1
maker-3-augustus-gene-52.41-mRNA-1	Japonica	NA				Urb2 domain-containing protein
maker-3-augustus-gene-52.44-mRNA-1	Japonica	NA		Os03g0203200	OsR498G0305418300.01.T06	Strigolactone esterase
maker-3-augustus-gene-52.46-mRNA-1	Japonica	NA		Os03g0203700	OsR498G0305418900.01.T01	Calcium-transporting ATPase
maker-3-augustus-gene-52.48-mRNA-1	Japonica	NA		Os03g0204100	OsR498G0305420500.01.T04	Formin-like protein 8
maker-3-augustus-gene-52.50-mRNA-1	Japonica	NA			OsR498G0305422100.01.T01	PGG domain-containing protein
maker-3-augustus-gene-52.52-mRNA-1	Japonica	NA			OsR498G0305423500.01.T01	F-box domain-containing protein
maker-3-augustus-gene-52.54-mRNA-1	Japonica	NA		Os03g0203000	OsR498G0305416600.01.T01	Somatic embryogenesis related protein
maker-3-augustus-gene-52.57-mRNA-1	Japonica	NA		Os03g0203800	OsR498G0305419200.01.T01	D-type cyclin
maker-3-augustus-gene-52.61-mRNA-1	Japonica	NA		Os03g0204500	OsR498G0305422800.01.T01	
maker-3-augustus-gene-53.26-mRNA-1	Japonica	NA		Os03g0205400	OsR498G0305425700.01.T01	DNA repair protein UVH3
maker-3-augustus-gene-53.31-mRNA-1	Japonica	Japonica		Os03g0205500	OsR498G0305425900.01.T01	Membrane-associated progesterone-binding protein 4
maker-3-augustus-gene-53.36-mRNA-1	Japonica	NA		Os03g0205700	OsR498G0305426900.01.T02	BTB/POZ domain-containing protein NPY2
maker-3-augustus-gene-53.38-mRNA-1	Japonica	NA				
maker-3-augustus-gene-53.40-mRNA-1	Japonica	NA		Os03g0205000	OsR498G0305424000.01.T01	CUE domain containing protein, expressed
maker-3-augustus-gene-53.43-mRNA-1	Japonica	NA			OsR498G0305424200.01.T02	Retrotransposon protein, putative, Ty1-copia subclass
maker-3-augustus-gene-53.46-mRNA-1	Japonica	NA			OsR498G0305424600.01.T01	Transcription factor bHLH85 like
maker-3-augustus-gene-53.48-mRNA-1	Japonica	NA		Os03g0205800	OsR498G0305427400.01.T01	probable N-acetyltransferase HLS1
maker-3-augustus-gene-53.52-mRNA-1	Japonica	NA				ATP-dependent RNA helicase DDX18
maker-3-augustus-gene-53.54-mRNA-1	Japonica	Indica		Os03g0206300	OsR498G0305429200.01.T05	Sulfhydryl oxidase
maker-3-augustus-gene-53.60-mRNA-1	Japonica	NA		Os03g0206400		

maker-3-augustus-gene-54.40-mRNA-1	Japonica	NA		Os03g0207400	OsR498G0305432300.01.T01	Protein-serine/threonine phosphatase
maker-3-augustus-gene-54.42-mRNA-1	Japonica	NA		Os03g0207700		
maker-3-augustus-gene-54.44-mRNA-1	Japonica	NA			OsR498G0305433300.01.T01	Tetratricopeptide repeat protein 1
maker-3-augustus-gene-54.46-mRNA-1	Japonica	NA			OsR498G0305435100.01.T01	Cyclin N-terminal domain-containing protein
maker-3-augustus-gene-54.47-mRNA-1	Japonica	NA			OsR498G0305435100.01.T01	Cyclin N-terminal domain-containing protein
maker-3-augustus-gene-54.63-mRNA-1	Japonica	NA		Os03g0207200	OsR498G0305431600.01.T04	Syntaxin/t-SNARE family protein
maker-3-augustus-gene-54.66-mRNA-1	Japonica	NA		Os03g0207250	OsR498G0305431800.01.T01	54S ribosomal protein L51, mitochondrial
maker-3-augustus-gene-54.69-mRNA-1	Japonica	NA	Kinase-TM	Os03g0207300	OsR498G0305432000.01.T01	Protein kinase CK2 alpha chain
maker-3-augustus-gene-54.74-mRNA-1	Japonica	NA		Os03g0207900	OsR498G0305433600.01.T01	Retinoblastoma-binding protein-like
maker-3-augustus-gene-54.77-mRNA-1	Japonica	NA		Os03g0208500	OsR498G0305434000.01.T01	Divalent metal transporter 1
maker-3-augustus-gene-55.36-mRNA-1	Japonica	NA				Vesicle transport protein GOT1
maker-3-augustus-gene-55.39-mRNA-1	Japonica	NA		Os03g0209600	OsR498G0305438500.01.T01	Methionyl-tRNA synthetase
maker-3-augustus-gene-55.49-mRNA-1	Japonica	Indica		Os03g0256800	OsR498G0305604600.01.T02	Rho GTPase activation protein (RhoGAP) with PH domain
maker-3-augustus-gene-55.59-mRNA-1	Japonica	NA			OsR498G0305440700.01.T04	Pentatricopeptide repeat-containing family protein
maker-3-augustus-gene-55.63-mRNA-1	Japonica	NA			OsR498G0305441300.01.T02	Acetyl-CoA decarboxylase/synthase complex subunit alpha 1
maker-3-augustus-gene-55.66-mRNA-1	Japonica	NA		Os03g0208900	OsR498G0305435600.01.T02	ADP-glucose pyrophosphorylase
maker-3-augustus-gene-55.72-mRNA-1	Japonica	NA				S-acyltransferase
maker-3-augustus-gene-55.77-mRNA-1	Japonica	NA		Os03g0210400	OsR498G0305440600.01.T03	Pre-mRNA-processing factor like
maker-3-augustus-gene-56.40-mRNA-1	Japonica	NA			OsR498G0305442500.01.T01	ABC transporter permease protein YtcP
maker-3-augustus-gene-56.42-mRNA-1	Japonica	Indica		Os03g0211600	OsR498G0305443900.01.T01	Pentatricopeptide repeat
maker-3-augustus-gene-56.44-mRNA-1	Japonica	NA		Os03g0211700	OsR498G0305444100.01.T03	Glucuronidase 3
maker-3-augustus-gene-56.49-mRNA-1	Japonica	NA	LRR		OsR498G0305445900.01.T02	Plant intracellular Ras-group-related LRR protein 7
maker-3-augustus-gene-56.54-mRNA-1	Japonica	NA				SNAP25 isogenyous protein SNAP33
maker-3-augustus-gene-56.57-mRNA-1	Japonica	NA				TPX2 (Targeting protein for Xklp2) protein family
maker-3-augustus-gene-56.60-mRNA-1	Japonica	NA		Os03g0212700	OsR498G0305446900.01.T01	Mitochondrial-processing peptidase subunit beta like
maker-3-augustus-gene-56.64-mRNA-1	Japonica	Indica		Os03g0210800	OsR498G0305441600.01.T04	Nucleotidyltransferase domain containing protein, expressed
maker-3-augustus-gene-56.72-mRNA-1	Japonica	Indica		Os12g0578500	OsR498G0305444400.01.T01	Hexosyltransferase
maker-3-augustus-gene-56.75-mRNA-1	Japonica	NA	LRR-TM	Os03g0211900	OsR498G0305445400.01.T01	probable leucine-rich repeat receptor-like protein kinase At1g35710
maker-3-augustus-gene-56.79-mRNA-1	Japonica	NA		Os03g0212800	OsR498G0305447400.01.T02	Sinigrinase
maker-3-augustus-gene-57.0-mRNA-1	Japonica	NA		Os03g0213100	OsR498G0305448700.01.T01	Transport protein Sec61 subunit alpha-like
maker-3-augustus-gene-57.10-mRNA-1	Japonica	NA			OsR498G0305449700.01.T03	
maker-3-augustus-gene-57.12-mRNA-1	Japonica	Japonica		Os03g0213600	OsR498G0305449900.01.T02	
maker-3-augustus-gene-57.18-mRNA-1	Japonica	NA			OsR498G0305450900.01.T06	Hydroxyproline-rich glycoprotein family protein, putative, expressed
maker-3-augustus-gene-57.25-mRNA-1	Japonica	NA		Os03g0214000	OsR498G0305451100.01.T02	Purple acid phosphatase
maker-3-augustus-gene-57.30-mRNA-1	Japonica	NA		Os03g0214100	OsR498G0305451300.01.T01	Replication protein A subunit
maker-3-augustus-gene-57.32-mRNA-1	Japonica	NA			OsR498G0305449400.01.T03	DEXH-box ATP-dependent RNA helicase DEXH14
maker-3-augustus-gene-57.41-mRNA-1	Japonica	NA			OsR498G0305450200.01.T04	Protein root UVB sensitive 3
maker-3-augustus-gene-57.6-mRNA-1	Japonica	NA		Os03g0213300	OsR498G0305449100.01.T01	
maker-3-augustus-gene-58.0-mRNA-1	Japonica	NA		Os03g0214600	OsR498G0305452300.01.T01	Proteasome component (PCI) domain
maker-3-augustus-gene-58.12-mRNA-1	Japonica	NA		Os03g0214200	OsR498G0305451600.01.T01	Ninja-family protein 1
maker-3-augustus-gene-58.15-mRNA-1	Japonica	NA		Os03g0214400	OsR498G0305452200.01.T02	Digalactosyldiacylglycerol synthase
maker-3-augustus-gene-58.20-mRNA-1	Japonica	NA		Os03g0214900	OsR498G0305452600.01.T01	Zinc finger CCCH domain-containing protein 55
maker-3-augustus-gene-58.24-mRNA-1	Japonica	NA		Os03g0215400	OsR498G0305455800.01.T01	Leafy hull sterile 1 (Fragment)
maker-3-augustus-gene-58.5-mRNA-1	Japonica	NA		Os03g0215200	OsR498G0305454900.01.T02	DROOPING LEAF
maker-3-augustus-gene-58.8-mRNA-1	Japonica	NA		Os03g0215700	OsR498G0305456700.01.T02	microtubule-associated protein 70-5-like isoform X1
maker-3-augustus-gene-59.0-mRNA-1	Japonica	NA		Os03g0215800	OsR498G0305457100.01.T01	PALP domain-containing protein (Fragment)
maker-3-augustus-gene-59.11-mRNA-1	Japonica	NA		Os03g0216800	OsR498G0305461700.01.T06	Polygalacturonase
maker-3-augustus-gene-59.14-mRNA-1	Japonica	Indica		Os03g0216900	OsR498G0305462100.01.T02	
maker-3-augustus-gene-59.17-mRNA-1	Japonica	NA		Os03g0217200	OsR498G0305462500.01.T04	FBD domain-containing protein
maker-3-augustus-gene-59.22-mRNA-1	Japonica	NA		Os03g0216700	OsR498G0305460600.01.T03	Protein DETOXIFICATION
maker-3-augustus-gene-59.6-mRNA-1	Japonica	NA		Os03g0216600	OsR498G0305460300.01.T01	Glucan 1,3-alpha-glucosidase
maker-3-augustus-gene-6.6-mRNA-1	Japonica	NA		Os03g0115400	OsR498G0305118700.01.T02	WD repeat-containing protein 44
maker-3-augustus-gene-60.37-mRNA-1	Japonica	NA			OsR498G0305463500.01.T02	
maker-3-augustus-gene-60.41-mRNA-1	Japonica	NA		Os03g0219100	OsR498G0305466300.01.T01	CRAL/TRIO domain containing protein, expressed
maker-3-augustus-gene-60.44-mRNA-1	Japonica	Indica		Os03g0217200	OsR498G0305463200.01.T03	FBD domain-containing protein
maker-3-augustus-gene-60.47-mRNA-1	Japonica	Indica		Os03g0218200	OsR498G0305463200.01.T04	FBD domain-containing protein
maker-3-augustus-gene-60.50-mRNA-1	Japonica	NA		Os03g0219200	OsR498G0305466600.01.T01	Superoxide dismutase
maker-3-augustus-gene-60.55-mRNA-1	Japonica	NA		Os03g0219300	OsR498G0305466800.01.T01	Tubulin alpha chain
maker-3-augustus-gene-60.58-mRNA-1	Japonica	NA		Os03g0219400	OsR498G0305467000.01.T01	Beta-N-acetylhexosaminidase
maker-3-augustus-gene-61.24-mRNA-1	Japonica	NA			OsR498G0305467700.01.T02	SprT-like domain-containing protein Spartan (projected from Caenorhabditis
maker-3-augustus-gene-61.29-mRNA-1	Japonica	NA		Os03g0219900	OsR498G0305467900.01.T05	Large subunit ribosomal protein L15

maker-3-augustus-gene-61.31-mRNA-1	Japonica	NA				
maker-3-augustus-gene-61.34-mRNA-1	Japonica	Indica		Os03g0221200	OsR498G0305472100.01.T01	Hcy-binding domain-containing protein (Fragment)
maker-3-augustus-gene-61.37-mRNA-1	Japonica	NA		Os03g0221500	OsR498G0305472900.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-3-augustus-gene-61.40-mRNA-1	Japonica	NA		Os03g0220100	OsR498G0305468600.01.T01	Very-long-chain 3-oxoacyl-CoA synthase
maker-3-augustus-gene-61.42-mRNA-1	Japonica	Indica		Os03g0221300	OsR498G0305472400.01.T01	NAC domain-containing protein 8
maker-3-augustus-gene-62.49-mRNA-1	Japonica	NA			OsR498G0305476700.01.T07	Chaperone DnaJ
maker-3-augustus-gene-62.54-mRNA-1	Japonica	NA			OsR498G0305477100.01.T03	Chaperone protein DnaJ
maker-3-augustus-gene-62.58-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os03g0223000	OsR498G0305477500.01.T01	Atypical receptor-like kinase MARK
maker-3-augustus-gene-62.61-mRNA-1	Japonica	Indica		Os03g0223200	OsR498G0305478700.01.T01	Cinnamyl-alcohol dehydrogenase
maker-3-augustus-gene-62.63-mRNA-1	Japonica	Indica		Os01g0862800	OsR498G0305479700.01.T01	NAC domain-containing
maker-3-augustus-gene-62.65-mRNA-1	Japonica	NA			OsR498G0305473400.01.T03	Dynein light chain 1, axonemal
maker-3-augustus-gene-62.72-mRNA-1	Japonica	NA		Os03g0222100	OsR498G0305474200.01.T01	Neoplastic transformation suppressor Pcd4/MA-3, contains MA3 domain
maker-3-augustus-gene-62.74-mRNA-1	Japonica	NA		Os03g0223400	OsR498G0305479200.01.T01	Glutamine synthetase cytosolic isozyme
maker-3-augustus-gene-62.80-mRNA-1	Japonica	NA				
maker-3-augustus-gene-63.0-mRNA-1	Japonica	NA		Os03g0223900	OsR498G0305481700.01.T01	UDP-3-O-acyl-N-acetylglucosamine deacetylase
maker-3-augustus-gene-63.11-mRNA-1	Japonica	Indica		Os03g0224501	OsR498G0305484500.01.T01	
maker-3-augustus-gene-63.14-mRNA-1	Japonica	NA		Os03g0224700	OsR498G0305484900.01.T03	Heat stress transcription factor A-9
maker-3-augustus-gene-63.16-mRNA-1	Japonica	NA				PLATZ transcription factor family protein
maker-3-augustus-gene-63.18-mRNA-1	Japonica	NA		Os03g0225500	OsR498G0305487700.01.T01	Nuclear pore complex protein NUP133
maker-3-augustus-gene-63.21-mRNA-1	Japonica	Indica		Os03g0224300	OsR498G0305483400.01.T02	Trehalose phosphate synthase
maker-3-augustus-gene-63.23-mRNA-1	Japonica	NA		Os03g0225200	OsR498G0305487000.01.T05	Cyclin N-terminal domain-containing protein (Fragment)
maker-3-augustus-gene-63.6-mRNA-1	Japonica	NA		Os03g0224200	OsR498G0305483100.01.T03	Two-component response regulator ORR21
maker-3-augustus-gene-64.0-mRNA-1	Japonica	NA			OsR498G0305487900.01.T03	Conserved oligomeric Golgi complex subunit 6
maker-3-augustus-gene-64.10-mRNA-1	Japonica	Japonica		Os03g0226400	OsR498G0305490500.01.T01	Metal tolerance protein 4
maker-3-augustus-gene-64.15-mRNA-1	Japonica	NA		Os03g0226600	OsR498G0305491100.01.T01	
maker-3-augustus-gene-64.25-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0305491900.01.T01	Proline-rich receptor-like protein kinase PERK4 isoform A
maker-3-augustus-gene-64.27-mRNA-1	Japonica	NA		Os05g0471800		Far-red impaired response protein-like
maker-3-augustus-gene-64.30-mRNA-1	Japonica	NA		Os03g0226200	OsR498G0305489600.01.T01	Non-symbiotic hemoglobin
maker-3-augustus-gene-64.32-mRNA-1	Japonica	NA		Os03g0226700	OsR498G0305491400.01.T01	
maker-3-augustus-gene-64.4-mRNA-1	Japonica	NA	Kinase-TM	Os03g0225700	OsR498G0305488100.01.T01	Wall-associated receptor kinase
maker-3-augustus-gene-64.6-mRNA-1	Japonica	NA				
maker-3-augustus-gene-64.8-mRNA-1	Japonica	NA	Kinase-TM	Os03g0226300	OsR498G0305489900.01.T01	Pto kinase interactor
maker-3-augustus-gene-65.0-mRNA-1	Japonica	NA		Os03g0227000	OsR498G0305492100.01.T03	Coatomer subunit gamma
maker-3-augustus-gene-65.14-mRNA-1	Japonica	NA		Os03g0227500	OsR498G0305494100.01.T01	
maker-3-augustus-gene-65.16-mRNA-1	Japonica	NA		Os03g0227700	OsR498G0305496100.01.T01	Brassinosteroid synthesis1
maker-3-augustus-gene-65.20-mRNA-1	Japonica	NA	Kinase-TM	Os03g0227900	OsR498G0305497400.01.T02	probable serine/threonine-protein kinase At1g01540
maker-3-augustus-gene-65.7-mRNA-1	Japonica	NA		Os03g0227300	OsR498G0305493300.01.T02	DNA-directed DNA polymerase
maker-3-augustus-gene-66.0-mRNA-1	Japonica	NA		Os03g0228400	OsR498G0305498900.01.T01	AP complex subunit sigma
maker-3-augustus-gene-66.10-mRNA-1	Japonica	NA		Os03g0227966	OsR498G0305505200.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-66.4-mRNA-1	Japonica	NA		Os03g0228500	OsR498G0305499100.01.T01	
maker-3-augustus-gene-66.6-mRNA-1	Japonica	NA		Os03g0228200	OsR498G0305498600.01.T03	Erythronate-4-phosphate dehydrogenase family protein isoform 1
maker-3-augustus-gene-66.8-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os03g0228800	OsR498G0305501000.01.T01	Leucine-rich repeat receptor-like serine/threonine-protein kinase BAM1
maker-3-augustus-gene-67.14-mRNA-1	Japonica	NA			OsR498G0305506000.01.T01	Maf family protein, putative, expressed
maker-3-augustus-gene-67.20-mRNA-1	Japonica	NA		Os03g0231700	OsR498G0305514600.01.T05	Squalene monooxygenase
maker-3-augustus-gene-67.23-mRNA-1	Japonica	Indica		Os03g0231800	OsR498G0305514800.01.T01	Squalene monooxygenase
maker-3-augustus-gene-68.0-mRNA-1	Japonica	NA		Os03g0232400	OsR498G0305519700.01.T01	Phytosulfokine-alpha
maker-3-augustus-gene-68.10-mRNA-1	Japonica	NA		Os03g0232200	OsR498G0305517400.01.T02	AP2-like ethylene-responsive transcription factor ANT
maker-3-augustus-gene-68.14-mRNA-1	Japonica	NA		Os03g0232800	OsR498G0305522200.01.T01	1-O-acylceramide synthase
maker-3-augustus-gene-68.16-mRNA-1	Japonica	NA		Os03g0233200	OsR498G0305524800.01.T01	Pathogenesis-related protein 5
maker-3-augustus-gene-68.2-mRNA-1	Japonica	NA		Os03g0232500	OsR498G0305520300.01.T04	EngB-type G domain-containing protein (Fragment)
maker-3-augustus-gene-68.5-mRNA-1	Japonica	NA		Os03g0233000	OsR498G0305524100.01.T01	Calcium uniporter protein 2, mitochondrial
maker-3-augustus-gene-68.7-mRNA-1	Japonica	NA			OsR498G0305516600.01.T02	Transcription factor bHLH62
maker-3-augustus-gene-69.43-mRNA-1	Japonica	NA		Os03g0233500	OsR498G0305525500.01.T01	probable E3 ubiquitin-protein ligase ARI2
maker-3-augustus-gene-69.46-mRNA-1	Japonica	NA		Os03g0233800	OsR498G0305526500.01.T05	Ternary complex factor MIP1
maker-3-augustus-gene-69.52-mRNA-1	Japonica	NA		Os03g0233900	OsR498G0305526700.01.T01	Non-symbiotic hemoglobin
maker-3-augustus-gene-69.54-mRNA-1	Japonica	NA		Os03g0234000	OsR498G0305526900.01.T01	GLOBIN domain-containing protein
maker-3-augustus-gene-69.56-mRNA-1	Japonica	NA		Os03g0234100	OsR498G0305527100.01.T01	GLOBIN domain-containing protein
maker-3-augustus-gene-69.58-mRNA-1	Japonica	Indica		Os10g0109300	OsR498G0305527500.01.T01	Peroxidase
maker-3-augustus-gene-69.60-mRNA-1	Japonica	NA		Os03g0235100	OsR498G0305528700.01.T03	LIS motif containing protein
maker-3-augustus-gene-69.63-mRNA-1	Japonica	NA			OsR498G0305527800.01.T02	Transposon protein, putative, unclassified, expressed
maker-3-augustus-gene-69.67-mRNA-1	Japonica	NA		Os03g0234900	OsR498G0305528200.01.T01	Peroxidase

maker-3-augustus-gene-69.68-mRNA-1	Japonica	NA		Os03g0235000	OsR498G0305528200.01.T04	Peroxidase
maker-3-augustus-gene-69.78-mRNA-1	Japonica	NA			OsR498G0305529200.01.T05	Peptide transporter PTR2
maker-3-augustus-gene-69.82-mRNA-1	Japonica	NA		Os03g0235700	OsR498G0305529600.01.T01	Proton-dependent oligopeptide transporter
maker-3-augustus-gene-69.87-mRNA-1	Japonica	NA		Os03g0235900	OsR498G0305529800.01.T02	Low affinity nitrate transporter (Fragment)
maker-3-augustus-gene-7.0-mRNA-1	Japonica	Indica		Os03g0116000	OsR498G0305121100.01.T01	Mitochondrial inner membrane protein OXA1
maker-3-augustus-gene-7.11-mRNA-1	Japonica	NA		Os03g0116400	OsR498G0305122300.01.T01	RHOMBOLD-like protein (Fragment)
maker-3-augustus-gene-7.14-mRNA-1	Japonica	NA		Os03g0116700	OsR498G0305123300.01.T01	F-box family protein, putative, expressed
maker-3-augustus-gene-7.17-mRNA-1	Japonica	NA		Os03g0116800	OsR498G0305123500.01.T01	F-box family protein, putative, expressed
maker-3-augustus-gene-7.22-mRNA-1	Japonica	NA		Os03g0117200	OsR498G0305124300.01.T01	HTP reductase
maker-3-augustus-gene-7.25-mRNA-1	Japonica	NA		Os03g0117800	OsR498G0305125100.01.T02	Protein-ribulosamine 3-kinase, chloroplastic
maker-3-augustus-gene-7.28-mRNA-1	Japonica	NA		Os03g0118100	OsR498G0305125700.01.T01	
maker-3-augustus-gene-7.30-mRNA-1	Japonica	NA		Os03g0118200	OsR498G0305126100.01.T03	UDP-galactose/UDP-glucose transporter like
maker-3-augustus-gene-7.34-mRNA-1	Japonica	NA		Os03g0116500	OsR498G0305122600.01.T01	COP9 signalosome complex subunit
maker-3-augustus-gene-7.37-mRNA-1	Japonica	Indica		Os03g0118600	OsR498G0305124000.01.T02	Dihydrodipicolinate reductase
maker-3-augustus-gene-7.44-mRNA-1	Japonica	NA		Os03g0117100	OsR498G0305124200.01.T02	Peroxisomal biogenesis factor
maker-3-augustus-gene-70.25-mRNA-1	Japonica	NA		Os03g0236200	OsR498G0305530900.01.T01	Glutamate decarboxylase
maker-3-augustus-gene-70.29-mRNA-1	Japonica	NA			OsR498G0305533900.01.T01	Anaphase promoting complex/cyclosome subunit
maker-3-augustus-gene-70.34-mRNA-1	Japonica	NA		Os03g0237000	OsR498G0305534100.01.T01	Transmembrane 9 superfamily member
maker-3-augustus-gene-70.38-mRNA-1	Japonica	NA		Os03g0237250		Protein SHOOT GRAVITROPISM 5
maker-3-augustus-gene-71.0-mRNA-1	Japonica	NA		Os03g0238600	OsR498G0305541500.01.T01	Purple acid phosphatase
maker-3-augustus-gene-71.10-mRNA-1	Japonica	NA		Os03g0237900	OsR498G0305538400.01.T01	Cyclin N-terminal domain-containing protein (Fragment)
maker-3-augustus-gene-71.14-mRNA-1	Japonica	NA		Os03g0238300	OsR498G0305539600.01.T01	Type I inositol polyphosphate 5-phosphatase
maker-3-augustus-gene-71.16-mRNA-1	Japonica	Indica		Os03g0238700	OsR498G0305541800.01.T01	Procollagen-proline 3-dioxygenase
maker-3-augustus-gene-71.2-mRNA-1	Japonica	NA		Os03g0239200	OsR498G0305542900.01.T01	CONSTANS interacting protein 6
maker-3-augustus-gene-71.20-mRNA-1	Japonica	Indica		Os03g0238800	OsR498G0305542000.01.T01	Hydroxyproline-rich glycoprotein family protein, putative, expressed
maker-3-augustus-gene-71.25-mRNA-1	Japonica	Indica		Os03g0239000	OsR498G0305542400.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-3-augustus-gene-71.28-mRNA-1	Japonica	NA		Os03g0239400	OsR498G0305543400.01.T02	MFMR domain-containing protein (Fragment)
maker-3-augustus-gene-71.4-mRNA-1	Japonica	NA		Os03g0237600	OsR498G0305537200.01.T03	65-kDa microtubule-associated protein 7
maker-3-augustus-gene-72.14-mRNA-1	Japonica	NA		Os03g0240900	OsR498G0305547000.01.T01	Misato Segment II tubulin-like domain
maker-3-augustus-gene-72.15-mRNA-1	Japonica	NA		Os03g0240900	OsR498G0305547000.01.T02	HTH myb-type domain-containing protein
maker-3-augustus-gene-72.3-mRNA-1	Japonica	NA		Os03g0240500	OsR498G0305546200.01.T03	Translocase of chloroplast
maker-3-augustus-gene-72.9-mRNA-1	Japonica	NA		Os03g0240700	OsR498G0305546600.01.T02	Endoplasmic reticulum transmembrane protein
maker-3-augustus-gene-73.0-mRNA-1	Japonica	NA		Os03g0241100	OsR498G0305547500.01.T02	SANT domain-containing protein
maker-3-augustus-gene-73.11-mRNA-1	Japonica	Indica		Os03g0241400	OsR498G0305547900.01.T01	Stress inducible protein coi6.1
maker-3-augustus-gene-73.14-mRNA-1	Japonica	NA				Cell cycle checkpoint protein RAD17
maker-3-augustus-gene-73.20-mRNA-1	Japonica	Indica		Os03g0242200	OsR498G0305550300.01.T05	GTP-binding protein, putative, expressed
maker-3-augustus-gene-73.26-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0305548400.01.T03	serine/threonine-protein kinase RIPK-like isoform X1
maker-3-augustus-gene-73.32-mRNA-1	Japonica	Japonica		Os03g0241800	OsR498G0305549600.01.T04	Pentatricopeptide repeat-containing protein, putative
maker-3-augustus-gene-73.34-mRNA-1	Japonica	NA		Os03g0241900	OsR498G0305549800.01.T01	Senescence domain-containing protein (Fragment)
maker-3-augustus-gene-73.37-mRNA-1	Japonica	Indica		Os03g0243100	OsR498G0305553600.01.T04	Actin-depolymerizing factor 5 like
maker-3-augustus-gene-73.7-mRNA-1	Japonica	NA		Os03g0241200	OsR498G0305547700.01.T01	Ribonucloprotein (Fragment)
maker-3-augustus-gene-74.0-mRNA-1	Japonica	NA		Os03g0243600	OsR498G0305555700.01.T02	ACB domain-containing protein
maker-3-augustus-gene-74.20-mRNA-1	Japonica	NA		Os03g0244000	OsR498G0305556500.01.T08	Protein disulfide-isomerase LQY1, chloroplastic isoform A
maker-3-augustus-gene-74.27-mRNA-1	Japonica	NA		Os03g0244600	OsR498G0305557700.01.T01	Auxin import carrier1
maker-3-augustus-gene-74.29-mRNA-1	Japonica	NA		Os01g0874300	OsR498G0409243500.01.T01	Transcription factor myb-like protein (Fragment)
maker-3-augustus-gene-74.31-mRNA-1	Japonica	NA				Beta-Casp domain-containing protein
maker-3-augustus-gene-74.38-mRNA-1	Japonica	NA		Os03g0243300	OsR498G0305555000.01.T02	Proteasome subunit Rpn
maker-3-augustus-gene-74.4-mRNA-1	Japonica	Indica		Os03g0243700	OsR498G0305556100.01.T07	GH10 domain-containing protein (Fragment)
maker-3-augustus-gene-74.42-mRNA-1	Japonica	NA		Os03g0243900	OsR498G0305556400.01.T01	Thaumatococcus-like protein 1
maker-3-augustus-gene-74.5-mRNA-1	Japonica	NA				Calmodulin-lysine N-methyltransferase
maker-3-augustus-gene-75.0-mRNA-1	Japonica	NA		Os03g0245100	OsR498G0305559500.01.T03	4-hydroxy-tetrahydrodipicolinate reductase
maker-3-augustus-gene-75.10-mRNA-1	Japonica	NA		Os03g0245200	OsR498G0305559800.01.T01	Proline-rich protein 4
maker-3-augustus-gene-75.12-mRNA-1	Japonica	NA		Os03g0245300	OsR498G0305560000.01.T01	Proline-rich protein, putative
maker-3-augustus-gene-75.14-mRNA-1	Japonica	NA			OsR498G0305562200.01.T01	RRM domain-containing protein
maker-3-augustus-gene-75.16-mRNA-1	Japonica	NA		Os03g0246800	OsR498G0305566600.01.T04	Guanine-nucleotide-exchange protein
maker-3-augustus-gene-75.19-mRNA-1	Japonica	NA		Os03g0246900	OsR498G0305567000.01.T01	LOB domain-containing protein 18
maker-3-augustus-gene-75.5-mRNA-1	Japonica	NA		Os03g0246500	OsR498G0305565900.01.T03	Filament-like plant protein 4
maker-3-augustus-gene-76.0-mRNA-1	Japonica	NA		Os03g0247300	OsR498G0305572100.01.T01	
maker-3-augustus-gene-76.14-mRNA-1	Japonica	NA		Os03g0248000	OsR498G0305574600.01.T02	Autophagy-related protein 9
maker-3-augustus-gene-76.18-mRNA-1	Japonica	Indica		Os03g0248200	OsR498G0305575000.01.T02	Geraniol 8-hydroxylase
maker-3-augustus-gene-76.2-mRNA-1	Japonica	NA		Os03g0247400		

maker-3-augustus-gene-76.21-mRNA-1	Japonica	Indica		Os03g0248200	OsR498G0305575800.01.T01	Cytochrome P450 family 76 subfamily C polypeptide 7
maker-3-augustus-gene-76.23-mRNA-1	Japonica	NA		Os03g0248600	OsR498G0305576600.01.T01	Phosphopyruvate hydratase
maker-3-augustus-gene-76.4-mRNA-1	Japonica	NA			OsR498G0305573700.01.T01	Amino acid binding protein, putative
maker-3-augustus-gene-76.8-mRNA-1	Japonica	NA				
maker-3-augustus-gene-76.9-mRNA-1	Japonica	NA		Os03g0247000	OsR498G0305567600.01.T01	Clp amino terminal domain containing protein, expressed
maker-3-augustus-gene-77.34-mRNA-1	Japonica	NA		Os03g0249100	OsR498G0305577700.01.T01	IRK-interacting protein
maker-3-augustus-gene-77.36-mRNA-1	Japonica	NA		Os03g0249200	OsR498G0305577900.01.T03	Immature colon carcinoma transcript 1 protein, putative, expressed
maker-3-augustus-gene-77.38-mRNA-1	Japonica	NA		Os03g0249300	OsR498G0305578100.01.T01	Chloride conductance regulatory protein IClN
maker-3-augustus-gene-77.41-mRNA-1	Japonica	NA		Os03g0249400	OsR498G0305578300.01.T01	40S ribosomal protein S20
maker-3-augustus-gene-77.44-mRNA-1	Japonica	Indica		Os10g0115550	OsR498G0305579100.01.T01	Gibberellin-regulated protein 12
maker-3-augustus-gene-77.46-mRNA-1	Japonica	NA		Os03g0249900	OsR498G0305580700.01.T01	Transcriptional regulator ATRX isoform X1
maker-3-augustus-gene-77.49-mRNA-1	Japonica	NA		Os03g0250900		
maker-3-augustus-gene-77.51-mRNA-1	Japonica	NA			OsR498G0305579400.01.T01	Geraniol 8-hydroxylase
maker-3-augustus-gene-77.53-mRNA-1	Japonica	Indica		Os10g0177200	OsR498G0305581000.01.T02	Glycerol-3-phosphate dehydrogenase-2C mitochondrial
maker-3-augustus-gene-77.57-mRNA-1	Japonica	NA			OsR498G0305581600.01.T03	
maker-3-augustus-gene-78.40-mRNA-1	Japonica	NA			OsR498G0305591300.01.T05	Piwi domain containing protein, expressed
maker-3-augustus-gene-78.43-mRNA-1	Japonica	Indica		Os07g0409100	OsR498G0305587400.01.T01	Synaptotagmin-5
maker-3-augustus-gene-78.45-mRNA-1	Japonica	NA				Transcription initiation factor IIF subunit alpha
maker-3-augustus-gene-78.48-mRNA-1	Japonica	NA		Os03g0252800	OsR498G0305591600.01.T04	Long chain base biosynthesis protein 1
maker-3-augustus-gene-78.54-mRNA-1	Japonica	Indica		Os05g0579600	OsR498G0305592600.01.T01	Myb family transcription factor, putative
maker-3-augustus-gene-79.34-mRNA-1	Japonica	NA		Os03g0254200	OsR498G0305596500.01.T01	Tryptophan/tyrosine permease
maker-3-augustus-gene-79.40-mRNA-1	Japonica	NA		Os03g0253100	OsR498G0305593200.01.T02	Phosphomevalonate kinase
maker-3-augustus-gene-79.44-mRNA-1	Japonica	NA		Os03g0253400		MADS-box transcription factor 31
maker-3-augustus-gene-79.46-mRNA-1	Japonica	NA		Os03g0253800	OsR498G0305595600.01.T01	Mitochondrial import inner membrane translocase subunit
maker-3-augustus-gene-79.50-mRNA-1	Japonica	Indica	CC-LRR-NBS-TM	Os03g0254000	OsR498G0305596400.01.T01	Disease resistance protein RPS2
maker-3-augustus-gene-8.0-mRNA-1	Japonica	NA	Kinase-TM	Os03g0118400	OsR498G0305126900.01.T01	Cell division control protein A
maker-3-augustus-gene-8.12-mRNA-1	Japonica	NA		Os03g0118700	OsR498G0305127700.01.T01	Putative mandelonitrile lyase
maker-3-augustus-gene-8.14-mRNA-1	Japonica	NA		Os03g0118800	OsR498G0305128500.01.T01	Hydroxymethylglutaryl-CoA synthase
maker-3-augustus-gene-8.20-mRNA-1	Japonica	NA		Os03g0118900	OsR498G0305128700.01.T01	Ataxin-10
maker-3-augustus-gene-8.22-mRNA-1	Japonica	NA			OsR498G0305132300.01.T04	1,3-beta-glucan synthase
maker-3-augustus-gene-8.25-mRNA-1	Japonica	Indica		Os03g0119500	OsR498G0305132300.01.T03	1,3-beta-glucan synthase
maker-3-augustus-gene-8.28-mRNA-1	Japonica	Japonica		Os03g0119966	OsR498G0305133300.01.T01	NAC domain class transcription factor
maker-3-augustus-gene-8.30-mRNA-1	Japonica	NA		Os03g0119000	OsR498G0305129000.01.T01	Oxoglutarate/iron-dependent dioxygenase
maker-3-augustus-gene-8.32-mRNA-1	Japonica	NA		Os03g0119100	OsR498G0305129400.01.T01	Phospholipase D
maker-3-augustus-gene-8.6-mRNA-1	Japonica	NA		Os03g0118600	OsR498G0305127300.01.T02	Dihydrodipicolinate reductase
maker-3-augustus-gene-80.11-mRNA-1	Japonica	NA		Os03g0254800	OsR498G0305598600.01.T01	Chorismate synthase
maker-3-augustus-gene-80.17-mRNA-1	Japonica	NA		Os03g0255100	OsR498G0305600000.01.T02	Beta-galactosidase
maker-3-augustus-gene-80.34-mRNA-1	Japonica	NA		Os03g0256400	OsR498G0305603400.01.T03	Imidazole glycerol phosphate synthase hisHF
maker-3-augustus-gene-80.4-mRNA-1	Japonica	NA		Os03g0254700	OsR498G0305598000.01.T01	TOPLESS
maker-3-augustus-gene-81.0-mRNA-1	Japonica	NA		Os03g0257900		COX assembly mitochondrial protein (Fragment)
maker-3-augustus-gene-81.14-mRNA-1	Japonica	NA		Os03g0257500	OsR498G0305606000.01.T01	Regulator of Vps4 activity in the MVB pathway protein
maker-3-augustus-gene-81.16-mRNA-1	Japonica	Japonica		Os03g0257600	OsR498G0305606200.01.T02	Regulator of Vps4 activity in the MVB pathway protein
maker-3-augustus-gene-82.13-mRNA-1	Japonica	NA		Os03g0261500	OsR498G0305616500.01.T03	DnaJ subfamily C member like
maker-3-augustus-gene-82.5-mRNA-1	Japonica	NA		Os03g0259900	OsR498G0305613300.01.T01	GTD-binding domain-containing protein (Fragment)
maker-3-augustus-gene-82.7-mRNA-1	Japonica	NA		Os03g0260600	OsR498G0305615300.01.T01	Transcription factor AIG1
maker-3-augustus-gene-82.9-mRNA-1	Japonica	Indica		Os03g0261100	OsR498G0305615900.01.T01	Secretory phospholipase A2
maker-3-augustus-gene-83.0-mRNA-1	Japonica	NA			OsR498G0305619900.01.T04	1-phosphatidylinositol-4-phosphate 5-kinase
maker-3-augustus-gene-83.13-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0305621000.01.T02	MAP kinase kinase kinase10
maker-3-augustus-gene-83.17-mRNA-1	Japonica	NA			OsR498G0305621600.01.T04	p-loop containing nucleoside triphosphate hydrolase superfamily protein
maker-3-augustus-gene-83.23-mRNA-1	Japonica	NA		Os03g0262400	OsR498G0305621800.01.T02	mRNA cap-binding protein (Fragment)
maker-3-augustus-gene-83.26-mRNA-1	Japonica	NA			OsR498G0305622000.01.T05	J domain-containing protein
maker-3-augustus-gene-83.5-mRNA-1	Japonica	NA		Os03g0262100	OsR498G0305620700.01.T01	Mago-bind domain-containing protein
maker-3-augustus-gene-83.7-mRNA-1	Japonica	NA			OsR498G0305619800.01.T01	HEAT repeat family protein, expressed
maker-3-augustus-gene-84.48-mRNA-1	Japonica	Japonica		Os03g0262700	OsR498G0305622900.01.T01	Harpin-induced protein
maker-3-augustus-gene-84.54-mRNA-1	Japonica	Indica		Os03g0263400	OsR498G0305625900.01.T02	Mitochondrial phosphate carrier protein 3 mitochondrial
maker-3-augustus-gene-84.58-mRNA-1	Japonica	NA		Os03g0263700	OsR498G0305626500.01.T04	
maker-3-augustus-gene-84.61-mRNA-1	Japonica	NA		Os03g0263800	OsR498G0305626700.01.T01	CONSTANS interacting protein 4
maker-3-augustus-gene-84.64-mRNA-1	Japonica	NA	Kinase		OsR498G0305629300.01.T03	Putative LRR receptor-like serine/threonine-protein kinase
maker-3-augustus-gene-84.68-mRNA-1	Japonica	NA		Os03g0263500	OsR498G0305626200.01.T01	Splicing factor 3A subunit like
maker-3-augustus-gene-84.72-mRNA-1	Japonica	NA		Os03g0263600	OsR498G0305626400.01.T01	Strictosidine synthase
maker-3-augustus-gene-84.74-mRNA-1	Japonica	NA			OsR498G0305627400.01.T04	LAG1 longevity assurance homolog 2

maker-3-augustus-gene-84.78-mRNA-1	Japonica	NA		Os03g0264400	OsR498G0305629600.01.T01	Anthranilate synthase alpha subunit 2, chloroplastic
maker-3-augustus-gene-85.33-mRNA-1	Japonica	NA		Os03g0265100	OsR498G0305632700.01.T01	Sulfoquinovosyl transferase SQD2
maker-3-augustus-gene-85.39-mRNA-1	Japonica	NA		Os03g0265300	OsR498G0305633700.01.T01	Peroxisomal nicotinamide adenine dinucleotide carrier
maker-3-augustus-gene-85.43-mRNA-1	Japonica	NA		Os03g0265400	OsR498G0305633900.01.T02	50S ribosomal protein uL
maker-3-augustus-gene-85.45-mRNA-1	Japonica	NA		Os03g0265500	OsR498G0305634700.01.T01	Coronatine-insensitive protein 1
maker-3-augustus-gene-85.48-mRNA-1	Japonica	NA		Os03g0265700	OsR498G0305635300.01.T01	SH3 domain containing protein, expressed
maker-3-augustus-gene-85.60-mRNA-1	Japonica	NA		Os03g0266100	OsR498G0305636300.01.T01	GATA type zinc finger transcription factor family protein
maker-3-augustus-gene-85.63-mRNA-1	Japonica	Indica	CC-NBS-TM	Os03g0264800	OsR498G0305631400.01.T02	AAA domain-containing protein (Fragment)
maker-3-augustus-gene-85.66-mRNA-1	Japonica	NA		Os03g0265200	OsR498G0305633000.01.T01	Ubiquitinyl hydrolase 1
maker-3-augustus-gene-85.68-mRNA-1	Japonica	NA			OsR498G0305635000.01.T03	Serine/arginine-rich splicing factor SR45a isoform B
maker-3-augustus-gene-85.72-mRNA-1	Japonica	NA		Os03g0265900	OsR498G0305635800.01.T01	Maternal effect embryo arrest 59
maker-3-augustus-gene-85.75-mRNA-1	Japonica	Indica		Os03g0266200	OsR498G0305636600.01.T01	Phosphopyruvate hydratase
maker-3-augustus-gene-86.1-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os03g0266800	OsR498G0305638100.01.T01	LRR receptor-like serine/threonine-protein kinase FEI 1
maker-3-augustus-gene-86.20-mRNA-1	Japonica	NA		Os03g0267500	OsR498G0305641300.01.T01	Lipase, putative, expressed
maker-3-augustus-gene-86.22-mRNA-1	Japonica	NA		Os03g0267700	OsR498G0305642700.01.T01	Mitochondrial carrier protein, expressed
maker-3-augustus-gene-86.27-mRNA-1	Japonica	NA		Os03g0268000	OsR498G0305643500.01.T06	Phosphoprotein phosphatase
maker-3-augustus-gene-86.30-mRNA-1	Japonica	NA		Os03g0267300	OsR498G0305639600.01.T01	D-fructose-1,6-bisphosphate 1-phosphohydrolase
maker-3-augustus-gene-86.32-mRNA-1	Japonica	NA		Os03g0267600	OsR498G0305641600.01.T03	
maker-3-augustus-gene-86.34-mRNA-1	Japonica	NA		Os03g0267800	OsR498G0305643000.01.T03	LIM zinc-binding domain-containing protein (Fragment)
maker-3-augustus-gene-86.38-mRNA-1	Japonica	NA		Os03g0268100	OsR498G0305643800.01.T03	tropomyosin isoform X2
maker-3-augustus-gene-86.45-mRNA-1	Japonica	NA			OsR498G0305644000.01.T01	Serine/threonine-protein kinase ATG1c
maker-3-augustus-gene-86.49-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0305644000.01.T04	Serine/threonine-protein kinase ATG1c isoform C
maker-3-augustus-gene-86.51-mRNA-1	Japonica	NA		Os03g0268300	OsR498G0305644400.01.T02	Digalactosyldiacylglycerol synthase
maker-3-augustus-gene-86.54-mRNA-1	Japonica	NA		Os03g0268400	OsR498G0305644600.01.T03	Mannose-1-phosphate guanylyltransferase
maker-3-augustus-gene-86.6-mRNA-1	Japonica	NA		Os03g0266700	OsR498G0305637700.01.T01	SH3 domain-containing protein 1
maker-3-augustus-gene-87.0-mRNA-1	Japonica	NA		Os03g0269900	OsR498G0305650300.01.T01	Ribulose bisphosphate carboxylase/oxygenase activase 1
maker-3-augustus-gene-87.10-mRNA-1	Japonica	NA		Os03g0269000	OsR498G0305647200.01.T05	Tropinone reductase
maker-3-augustus-gene-87.14-mRNA-1	Japonica	Indica		Os03g0269100	OsR498G0305647600.01.T01	Tropinone reductase
maker-3-augustus-gene-87.18-mRNA-1	Japonica	NA	Kinase-TM	Os03g0269300	OsR498G0305649000.01.T01	Serine/threonine protein kinase
maker-3-augustus-gene-87.2-mRNA-1	Japonica	NA		Os03g0268600	OsR498G0305645600.01.T01	Protein-serine/threonine phosphatase
maker-3-augustus-gene-87.5-mRNA-1	Japonica	NA		Os03g0268900	OsR498G0305646600.01.T01	Tropinone reductase
maker-3-augustus-gene-88.44-mRNA-1	Japonica	NA		Os03g0270700	OsR498G0305652300.01.T04	Hydroxyproline-rich glycoprotein family protein
maker-3-augustus-gene-88.47-mRNA-1	Japonica	NA		Os03g0271100	OsR498G0305653500.01.T01	RNA polymerase sigma factor
maker-3-augustus-gene-88.50-mRNA-1	Japonica	NA		Os03g0271200	OsR498G0305653700.01.T01	Chloroplast envelope protein translocase, IAP
maker-3-augustus-gene-88.54-mRNA-1	Japonica	NA			OsR498G0305651800.01.T03	Splicing factor PWI domain-containing protein
maker-3-augustus-gene-88.55-mRNA-1	Japonica	Indica		Os03g0270200	OsR498G0305651800.01.T03	Splicing factor PWI domain-containing protein
maker-3-augustus-gene-88.71-mRNA-1	Japonica	NA		Os03g0271400	OsR498G0305654200.01.T03	TOG domain-containing protein (Fragment)
maker-3-augustus-gene-89.0-mRNA-1	Japonica	Indica		Os03g0272300	OsR498G0305659100.01.T02	E3 ubiquitin-protein ligase
maker-3-augustus-gene-89.14-mRNA-1	Japonica	NA		Os03g0273200	OsR498G0305661600.01.T01	Laccase
maker-3-augustus-gene-89.6-mRNA-1	Japonica	NA		Os03g0272400	OsR498G0305659300.01.T01	Putative tRNA (Guanine(26)-N(2))-dimethyltransferase 1
maker-3-augustus-gene-89.8-mRNA-1	Japonica	NA		Os03g0273800	OsR498G0305664100.01.T01	Suppressor of disruption of TFIIS-like protein
maker-3-augustus-gene-9.0-mRNA-1	Japonica	Japonica		Os03g0120000	OsR498G0305134500.01.T04	Putative reverse transcriptase
maker-3-augustus-gene-9.12-mRNA-1	Japonica	NA		Os03g0120200	OsR498G0305135000.01.T01	
maker-3-augustus-gene-9.14-mRNA-1	Japonica	NA		Os03g0120300	OsR498G0305135800.01.T03	Tobamovirus multiplication protein 3
maker-3-augustus-gene-9.19-mRNA-1	Japonica	NA		Os03g0120400	OsR498G0305136000.01.T01	Putative heavy metal-associated domain, HMA
maker-3-augustus-gene-9.2-mRNA-1	Japonica	NA		Os03g0120800	OsR498G0305137100.01.T01	
maker-3-augustus-gene-9.21-mRNA-1	Japonica	NA		Os03g0121200	OsR498G0305140000.01.T01	Peroxidase
maker-3-augustus-gene-9.23-mRNA-1	Japonica	NA		Os03g0121300	OsR498G0305140600.01.T01	Peroxidase
maker-3-augustus-gene-9.25-mRNA-1	Japonica	NA				Syntaxin of plants SYP5
maker-3-augustus-gene-9.27-mRNA-1	Japonica	Indica		Os03g0121200	OsR498G0305141200.01.T01	L-ascorbate peroxidase
maker-3-augustus-gene-9.4-mRNA-1	Japonica	NA		Os03g0121700	OsR498G0305141300.01.T01	NAC-A/B domain-containing protein
maker-3-augustus-gene-9.7-mRNA-1	Japonica	NA		Os03g0120100	OsR498G0305134800.01.T02	ALA-interacting subunit
maker-3-augustus-gene-90.26-mRNA-1	Japonica	NA		Os03g0274000	OsR498G0305665500.01.T01	oxysterol-binding protein-related protein 3C-like isoform X2
maker-3-augustus-gene-90.40-mRNA-1	Japonica	NA		Os03g0275100	OsR498G0305670300.01.T01	Pyruvate dehydrogenase phosphatase
maker-3-augustus-gene-90.42-mRNA-1	Japonica	NA		Os03g0275400	OsR498G0305672500.01.T03	S-acyltransferase
maker-3-augustus-gene-90.50-mRNA-1	Japonica	NA	Kinase	Os03g0274800	OsR498G0305669400.01.T01	receptor-like cytoplasmic kinase 176
maker-3-augustus-gene-90.54-mRNA-1	Japonica	Indica		Os01g0974400	OsR498G0305671600.01.T01	E3 ubiquitin-protein ligase XB3
maker-3-augustus-gene-91.0-mRNA-1	Japonica	NA		Os03g0275900	OsR498G0305674500.01.T01	RING-type E3 ubiquitin transferase
maker-3-augustus-gene-91.14-mRNA-1	Japonica	Indica		Os03g0276900	OsR498G0305679600.01.T01	Beta-glucuronosyltransferase
maker-3-augustus-gene-92.59-mRNA-1	Japonica	Indica		Os03g0278300	OsR498G0305684800.01.T05	THO complex subunit 4
maker-3-augustus-gene-95.47-mRNA-1	Japonica	NA		Os03g0284600	OsR498G0305711700.01.T01	Thioredoxin-like protein AAED1, chloroplastic

maker-3-augustus-gene-96.0-mRNA-1	Japonica	NA		Os03g0285200		
maker-3-augustus-gene-96.12-mRNA-1	Japonica	Indica		Os03g0286800	OsR498G0305720700.01.T02	DDb1-and CUL4-associated factor 8
maker-3-augustus-gene-96.15-mRNA-1	Japonica	NA		Os03g0284900	OsR498G0305713010.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
maker-3-augustus-gene-96.19-mRNA-1	Japonica	NA	Kinase-TM	Os03g0285800	OsR498G0305716200.01.T01	Mitogen-activated protein kinase
maker-3-augustus-gene-96.2-mRNA-1	Japonica	NA		Os03g0285700	OsR498G0305715700.01.T02	Cytosolic ascorbate peroxidase
maker-3-augustus-gene-96.24-mRNA-1	Japonica	NA				Alternative splicing regulator
maker-3-augustus-gene-96.28-mRNA-1	Japonica	NA		Os03g0286500	OsR498G0305718800.01.T01	probable RNA-binding protein ARP1 isoform X2
maker-3-augustus-gene-96.30-mRNA-1	Japonica	Indica		Os03g0287100	OsR498G0305721600.01.T04	Phosphatidylinositol transfer protein expressed
maker-3-augustus-gene-96.36-mRNA-1	Japonica	NA		Os03g0287400	OsR498G0305722400.01.T01	LOB domain-containing protein 1
maker-3-augustus-gene-96.7-mRNA-1	Japonica	NA		Os03g0286200	OsR498G0305717700.01.T02	Arogenate dehydratase/prephenate dehydratase 2 chloroplastic
maker-3-augustus-gene-97.30-mRNA-1	Japonica	Indica		Os03g0826000	OsR498G0305723500.01.T03	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P-related
maker-3-augustus-gene-97.34-mRNA-1	Japonica	NA		Os03g0287800	OsR498G0305724100.01.T03	Glycosyltransferases
maker-3-augustus-gene-97.40-mRNA-1	Japonica	NA		Os03g0288300	OsR498G0305726100.01.T01	AB hydrolase-1 domain-containing protein
maker-3-augustus-gene-97.44-mRNA-1	Japonica	NA				Cytochrome c oxidase assembly protein COX
maker-3-augustus-gene-97.48-mRNA-1	Japonica	NA			OsR498G0305726700.01.T01	Pseudouridine synthase
maker-3-augustus-gene-97.54-mRNA-1	Japonica	NA		Os03g0288600	OsR498G0305726900.01.T04	Taxilin
maker-3-augustus-gene-97.59-mRNA-1	Japonica	NA		Os03g0288800	OsR498G0305727500.01.T01	Transmembrane protein 209
maker-3-augustus-gene-97.62-mRNA-1	Japonica	NA		Os03g0288900	OsR498G0305727700.01.T02	Nascent polypeptide-associated complex subunit alpha, muscle-specific form
maker-3-augustus-gene-97.64-mRNA-1	Japonica	NA	CC-Kinase-TM	Os03g0289100	OsR498G0305728500.01.T03	Serine/threonine protein kinase OSK4
maker-3-augustus-gene-97.71-mRNA-1	Japonica	NA		Os03g0287900	OsR498G0305724400.01.T02	Thioredoxin domain-containing protein 5
maker-3-augustus-gene-97.74-mRNA-1	Japonica	NA		Os03g0288700	OsR498G0305727200.01.T01	Lipid phosphate phosphatase gammaic
maker-3-augustus-gene-98.25-mRNA-1	Japonica	NA		Os03g0289300	OsR498G0305729500.01.T02	Phosphoinositide phospholipase C
maker-3-augustus-gene-98.29-mRNA-1	Japonica	Indica		Os03g0289400	OsR498G0305729900.01.T01	Rhodanese-like domain-containing protein 10
maker-3-augustus-gene-98.31-mRNA-1	Japonica	NA		Os03g0290900	OsR498G0305735700.01.T01	Putative PMR5 domain, PC-Esterase, trichome birefringence-like family
maker-3-augustus-gene-98.33-mRNA-1	Japonica	NA		Os03g0291200	OsR498G0305736100.01.T01	Protein trichome birefringence-like
maker-3-augustus-gene-98.36-mRNA-1	Japonica	NA		Os03g0289800	OsR498G0305731000.01.T01	Jasmonate-regulated gene 21
maker-3-augustus-gene-98.40-mRNA-1	Japonica	Indica		Os03g0290300	OsR498G0305733600.01.T01	Temperature-sensitive omega-3 fatty acid desaturase, chloroplastic
maker-3-augustus-gene-98.45-mRNA-1	Japonica	Indica		Os07g0693700	OsR498G0305734500.01.T01	V-SNARE coiled-coil homology domain-containing protein
maker-3-augustus-gene-98.47-mRNA-1	Japonica	NA		Os03g0290500	OsR498G0305734800.01.T02	Phosphoinositide phosphatase SAC8
maker-3-augustus-gene-99.25-mRNA-1	Japonica	NA		Os03g0291800	OsR498G0305738500.01.T01	Protein trichome birefringence-like 28
maker-3-augustus-gene-99.29-mRNA-1	Japonica	NA		Os03g0292100	OsR498G0305739300.01.T01	PPM-type phosphatase domain-containing protein
maker-3-augustus-gene-99.32-mRNA-1	Japonica	NA		Os03g0293000	OsR498G0305742100.01.T01	J domain-containing protein (Fragment)
maker-3-augustus-gene-99.34-mRNA-1	Japonica	NA		Os03g0293100	OsR498G0305742300.01.T02	UDP-Glycosyltransferase superfamily protein isoform 1
maker-3-augustus-gene-99.37-mRNA-1	Japonica	NA	NBS-TM		OsR498G0305742500.01.T01	Macro domain-containing protein
maker-3-augustus-gene-99.40-mRNA-1	Japonica	NA			OsR498G0305736400.01.T01	Asparagine synthetase [glutamine-hydrolyzing]
maker-3-augustus-gene-99.46-mRNA-1	Japonica	NA		Os03g0292800	OsR498G0305741800.01.T01	Ran-binding protein c
maker-3-augustus-gene-99.49-mRNA-1	Japonica	NA			OsR498G0305742000.01.T01	Importin-beta
maker-4-augustus-gene-0.3-mRNA-1	Japonica	NA			OsR498G0816152000.01.T01	
maker-4-augustus-gene-1.0-mRNA-1	Japonica	NA			OsR498G1221334400.01.T01	
maker-4-augustus-gene-10.0-mRNA-1	Japonica	NA		Os04g0184100	OsR498G0407660100.01.T01	Amidase domain-containing protein (Fragment)
maker-4-augustus-gene-10.1-mRNA-1	Japonica	Indica		Os04g0183500	OsR498G0407660700.01.T01	Amidase domain-containing protein (Fragment)
maker-4-augustus-gene-10.12-mRNA-1	Japonica	Japonica		Os04g0185100	OsR498G0407661200.01.T01	CDT1 domain-containing protein
maker-4-augustus-gene-10.6-mRNA-1	Japonica	Indica		Os04g0185000	OsR498G0407660700.01.T01	Amidase
maker-4-augustus-gene-109.8-mRNA-1	Japonica	NA			OsR498G0408213900.01.T02	40S ribosomal protein S27
maker-4-augustus-gene-11.0-mRNA-1	Japonica	NA		Os04g0186800	OsR498G0407668300.01.T01	H(+)/Pi cotransporter
maker-4-augustus-gene-110.34-mRNA-1	Japonica	NA				40S ribosomal protein S27
maker-4-augustus-gene-110.35-mRNA-1	Japonica	NA			OsR498G0408219300.01.T01	40S ribosomal protein S27
maker-4-augustus-gene-110.38-mRNA-1	Japonica	NA			OsR498G0408219900.01.T01	MAU2 chromatid cohesion factor like
maker-4-augustus-gene-118.35-mRNA-1	Japonica	Indica		Os08g0114300	OsR498G0408279200.01.T02	L-gulonolactone oxidase
maker-4-augustus-gene-12.0-mRNA-1	Japonica	Indica		Os04g0187800	OsR498G0407673800.01.T01	
maker-4-augustus-gene-121.10-mRNA-1	Japonica	NA				B3 domain-containing protein
maker-4-augustus-gene-121.4-mRNA-1	Japonica	NA		Os02g0530900	OsR498G0203991600.01.T01	
maker-4-augustus-gene-123.1-mRNA-1	Japonica	Indica	Kinase-TM	Os04g0366000	OsR498G0408332800.01.T02	Calcium binding EGF domain containing protein, expressed
maker-4-augustus-gene-124.35-mRNA-1	Japonica	NA	Kinase-TM	Os04g0368000	OsR498G0408337400.01.T01	Wall-associated receptor kinase 2
maker-4-augustus-gene-125.39-mRNA-1	Japonica	NA	CC-Kinase-TM		OsR498G0408339000.01.T01	Jacalin-like lectin domain containing protein
maker-4-augustus-gene-13.33-mRNA-1	Japonica	NA		Os04g0189400	OsR498G0407680000.01.T01	Knot1 domain-containing protein (Fragment)
maker-4-augustus-gene-132.0-mRNA-1	Japonica	NA		Os04g0380500		DUF1618 domain-containing protein (Fragment)
maker-4-augustus-gene-138.20-mRNA-1	Japonica	NA		Os04g0391900	OsR498G0408442500.01.T01	4-sulfomuconolactone hydrolase
maker-4-augustus-gene-138.25-mRNA-1	Japonica	NA				
maker-4-augustus-gene-138.26-mRNA-1	Japonica	NA		Os04g0392500		GLTSCR1 domain-containing protein
maker-4-augustus-gene-138.30-mRNA-1	Japonica	NA			OsR498G0408443600.01.T01	

maker-4-augustus-gene-139.33-mRNA-1	Japonica	NA	Kinase-TM	Os04g0393900	OsR498G0408448500.01.T01	Serine/threonine-protein kinase NAK
maker-4-augustus-gene-139.36-mRNA-1	Japonica	NA		Os04g0394100	OsR498G0408448900.01.T01	Glycerophosphodiester phosphodiesterase
maker-4-augustus-gene-139.37-mRNA-1	Japonica	NA		Os04g0394100	OsR498G0408448900.01.T01	Glycerophosphodiester phosphodiesterase
maker-4-augustus-gene-139.49-mRNA-1	Japonica	NA		Os04g0393300	OsR498G0408447200.01.T01	Membrane-anchored ubiquitin-fold protein 4-like
maker-4-augustus-gene-139.53-mRNA-1	Japonica	NA		Os04g0394300	OsR498G0408449400.01.T01	Zinc finger CCCH domain-containing protein 27
maker-4-augustus-gene-140.0-mRNA-1	Japonica	NA		Os04g0394700	OsR498G0408451300.01.T01	BAR domain-containing protein
maker-4-augustus-gene-140.25-mRNA-1	Japonica	Japonica		Os04g0395466	OsR498G0306852400.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-4-augustus-gene-140.27-mRNA-1	Japonica	NA			OsR498G0408453600.01.T01	
maker-4-augustus-gene-140.29-mRNA-1	Japonica	NA		Os04g0395600	OsR498G0408453800.01.T02	Auxin signaling F-box 2
maker-4-augustus-gene-141.10-mRNA-1	Japonica	NA		Os04g0395800	OsR498G0408455300.01.T01	Tify domain-containing protein
maker-4-augustus-gene-141.13-mRNA-1	Japonica	NA			OsR498G0408459500.01.T01	E3 ubiquitin protein ligase DRIP2
maker-4-augustus-gene-141.15-mRNA-1	Japonica	NA		Os04g0395900	OsR498G0408455600.01.T01	Polynucleotide adenyllyltransferase family protein
maker-4-augustus-gene-142.20-mRNA-1	Japonica	NA		Os04g0396800	OsR498G0408461300.01.T01	Carboxypeptidase
maker-4-augustus-gene-142.25-mRNA-1	Japonica	NA		Os04g0397000	OsR498G0408461900.01.T01	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD
maker-4-augustus-gene-142.28-mRNA-1	Japonica	NA			OsR498G0408462300.01.T01	
maker-4-augustus-gene-142.29-mRNA-1	Japonica	NA		Os04g0397700	OsR498G0408463500.01.T01	Centromere protein 5
maker-4-augustus-gene-142.34-mRNA-1	Japonica	Indica		Os08g0538000	OsR498G0408467900.01.T02	Diadenosine tetraphosphate synthetase
maker-4-augustus-gene-142.38-mRNA-1	Japonica	Indica		Os12g0230100	OsR498G0408462200.01.T03	ATP-dependent Clp protease ATP-binding subunit clpA like CD4B, chloroplas
maker-4-augustus-gene-142.47-mRNA-1	Japonica	NA		Os04g0397500	OsR498G0408462600.01.T01	Trihelix transcription factor ASR3
maker-4-augustus-gene-142.49-mRNA-1	Japonica	Indica		Os04g0397901	OsR498G0408464800.01.T01	
maker-4-augustus-gene-143.0-mRNA-1	Japonica	NA		Os04g0398500	OsR498G0408468300.01.T01	Cytochrome b-c1 complex subunit Rieske, mitochondrial
maker-4-augustus-gene-143.11-mRNA-1	Japonica	NA		Os04g0398700	OsR498G0408469200.01.T01	Pollen allergen Phl p 11
maker-4-augustus-gene-143.13-mRNA-1	Japonica	NA			OsR498G0408469400.01.T01	WASH complex subunit strumpellin-like protein
maker-4-augustus-gene-143.16-mRNA-1	Japonica	NA		Os04g0398800	OsR498G0408469600.01.T05	WASH complex subunit strumpellin-like protein
maker-4-augustus-gene-143.2-mRNA-1	Japonica	NA		Os04g0398600	OsR498G0408468900.01.T02	Exostosis domain-containing protein
maker-4-augustus-gene-143.4-mRNA-1	Japonica	Indica		Os04g0346100	OsR498G0408469900.01.T01	40S ribosomal protein S27
maker-4-augustus-gene-143.7-mRNA-1	Japonica	NA		Os04g0399300	OsR498G0408470900.01.T01	NUDIX hydrolase domain
maker-4-augustus-gene-144.35-mRNA-1	Japonica	NA		Os04g0400000	OsR498G0408473800.01.T01	Protein PYRICULARIA ORYZAE RESISTANCE 21
maker-4-augustus-gene-144.37-mRNA-1	Japonica	Japonica		Os04g0400600	OsR498G0408475400.01.T01	
maker-4-augustus-gene-144.38-mRNA-1	Japonica	Indica		Os04g0400600	OsR498G0408475800.01.T01	HMA domain-containing protein
maker-4-augustus-gene-144.43-mRNA-1	Japonica	Japonica		Os04g0400800	OsR498G0408476600.01.T02	
maker-4-augustus-gene-144.45-mRNA-1	Japonica	Japonica		Os04g0401100	OsR498G0408478200.01.T01	Protein PYRICULARIA ORYZAE RESISTANCE 21
maker-4-augustus-gene-144.47-mRNA-1	Japonica	NA		Os04g0401300	OsR498G0408479400.01.T01	Sucrose nonfermenting 4-like protein
maker-4-augustus-gene-144.54-mRNA-1	Japonica	NA				DDE Tnp4 domain-containing protein
maker-4-augustus-gene-145.11-mRNA-1	Japonica	NA		Os04g0402100	OsR498G0408483600.01.T01	Calnexin
maker-4-augustus-gene-145.16-mRNA-1	Japonica	Japonica		Os04g0402500	OsR498G0408485400.01.T02	Inhibitor of apoptosis-like protein
maker-4-augustus-gene-145.4-mRNA-1	Japonica	NA			OsR498G0408485100.01.T04	OTU domain-containing protein isoform A
maker-4-augustus-gene-145.8-mRNA-1	Japonica	NA		Os04g0401800	OsR498G0408482200.01.T03	DRMBL domain-containing protein
maker-4-augustus-gene-15.24-mRNA-1	Japonica	Indica		Os03g0558600	OsR498G0407689300.01.T02	
maker-4-augustus-gene-155.43-mRNA-1	Japonica	NA		Os04g0421900	OsR498G0408565700.01.T01	Exocyst complex component 2
maker-4-augustus-gene-155.54-mRNA-1	Japonica	NA		Os04g0422000	OsR498G0408565900.01.T01	probable plastid-lipid-associated protein 7, chloroplastic
maker-4-augustus-gene-155.56-mRNA-1	Japonica	Indica		Os04g0422600	OsR498G0408567100.01.T01	
maker-4-augustus-gene-155.62-mRNA-1	Japonica	Indica		Os04g0423100	OsR498G0408568100.01.T01	3-hydroxybenzoate 6-hydroxylase (Fragment)
maker-4-augustus-gene-155.65-mRNA-1	Japonica	NA		Os04g0422300	OsR498G0408566200.01.T01	Nascent polypeptide-associated complex subunit beta
maker-4-augustus-gene-155.68-mRNA-1	Japonica	Japonica		Os04g0422700	OsR498G0408567400.01.T01	Leucine-rich repeat extensin-like protein 5
maker-4-augustus-gene-155.71-mRNA-1	Japonica	NA		Os04g0423400	OsR498G0408569000.01.T02	Absciscic stress ripening
maker-4-augustus-gene-155.73-mRNA-1	Japonica	NA				SET domain-containing protein (Fragment)
maker-4-augustus-gene-156.11-mRNA-1	Japonica	NA		Os04g0425100	OsR498G0408572300.01.T05	CHD3-type chromatin-remodeling factor PICKLE-like isoform X1
maker-4-augustus-gene-156.14-mRNA-1	Japonica	Japonica		Os04g0423700	OsR498G0408569400.01.T01	Sphingomyelin synthetase family protein isoform 1
maker-4-augustus-gene-158.0-mRNA-1	Japonica	NA		Os04g0428900	OsR498G0408582200.01.T01	COP9 signalosome complex subunit 8
maker-4-augustus-gene-159.36-mRNA-1	Japonica	Japonica		Os04g0429100	OsR498G0408583100.01.T01	Histone-lysine N-methyltransferase ASHH1
maker-4-augustus-gene-159.42-mRNA-1	Japonica	NA			OsR498G0408583500.01.T05	USP domain-containing protein
maker-4-augustus-gene-159.50-mRNA-1	Japonica	Indica		Os04g0429300	OsR498G0408583700.01.T01	BHLH domain-containing protein
maker-4-augustus-gene-159.52-mRNA-1	Japonica	NA		Os04g0429400	OsR498G0408583900.01.T01	Transcription factor bHLH95 like
maker-4-augustus-gene-159.60-mRNA-1	Japonica	Indica	Kinase-TM	Os04g0430000	OsR498G0408585300.01.T02	probable serine/threonine-protein kinase At1g01540
maker-4-augustus-gene-159.64-mRNA-1	Japonica	NA		Os04g0430100	OsR498G0408585700.01.T01	Ribosomal protein S10
maker-4-augustus-gene-159.68-mRNA-1	Japonica	Indica	Kinase-TM	Os04g0430400	OsR498G0408586700.01.T01	Protein kinase domain-containing protein
maker-4-augustus-gene-159.72-mRNA-1	Japonica	NA		Os04g0429500	OsR498G0408584200.01.T01	Cellulose synthase A
maker-4-augustus-gene-159.73-mRNA-1	Japonica	NA		Os04g0429600		Cellulose synthase family protein, expressed
maker-4-augustus-gene-159.90-mRNA-1	Japonica	NA		Os04g0430200	OsR498G0408586000.01.T01	PI-PLC X domain-containing protein
maker-4-augustus-gene-16.0-mRNA-1	Japonica	NA			OsR498G0407689900.01.T01	Methyl-CpG-binding domain-containing protein 13

maker-4-augustus-gene-16.4-mRNA-1	Japonica	NA			OsR498G0407689900.01.T01	MBD domain-containing protein
maker-4-augustus-gene-160.0-mRNA-1	Japonica	Japonica		Os04g0430600	OsR498G0408587500.01.T01	Late embryogenesis abundant protein, LEA-14
maker-4-augustus-gene-160.11-mRNA-1	Japonica	NA	Kinase-TM	Os04g0432000	OsR498G0408595100.01.T04	Serine/threonine-protein kinase SAPK7
maker-4-augustus-gene-160.15-mRNA-1	Japonica	NA				4-alpha-L-fucosyltransferase
maker-4-augustus-gene-160.17-mRNA-1	Japonica	NA		Os04g0430800		Thioredoxin M3, chloroplastic
maker-4-augustus-gene-160.2-mRNA-1	Japonica	NA			OsR498G0408589300.01.T01	Magnesium transporter
maker-4-augustus-gene-160.20-mRNA-1	Japonica	NA		Os04g0431100	OsR498G0408590000.01.T01	GrpE protein homolog
maker-4-augustus-gene-160.22-mRNA-1	Japonica	NA		Os04g0431300	OsR498G0408592800.01.T01	Acetyltransferase
maker-4-augustus-gene-160.23-mRNA-1	Japonica	NA		Os04g0431800	OsR498G0408593400.01.T01	Brain acid soluble protein 1-like protein
maker-4-augustus-gene-160.27-mRNA-1	Japonica	Japonica		Os04g0432300	OsR498G0408597400.01.T03	DEXH-box ATP-dependent RNA helicase DEXH7 chloroplastic
maker-4-augustus-gene-160.4-mRNA-1	Japonica	NA			OsR498G0408589700.01.T01	
maker-4-augustus-gene-160.7-mRNA-1	Japonica	NA		Os04g0431200	OsR498G0408590100.01.T02	F-box protein 7
maker-4-augustus-gene-161.0-mRNA-1	Japonica	NA			OsR498G0408600900.01.T06	Etoposide-induced 2.4
maker-4-augustus-gene-161.13-mRNA-1	Japonica	NA			OsR498G0408602600.01.T01	
maker-4-augustus-gene-161.4-mRNA-1	Japonica	NA		Os04g0432400	OsR498G0408598000.01.T01	Alkaline/neutral invertase
maker-4-augustus-gene-161.7-mRNA-1	Japonica	NA		Os04g0432500	OsR498G0408599000.01.T01	Protein disulfide isomerase11
maker-4-augustus-gene-161.9-mRNA-1	Japonica	NA		Os04g0432900	OsR498G0408599600.01.T01	BTB/POZ and MATH domain-containing protein 1
maker-4-augustus-gene-162.41-mRNA-1	Japonica	NA			OsR498G0408603200.01.T01	ATP-dependent DNA helicase
maker-4-augustus-gene-162.50-mRNA-1	Japonica	NA			OsR498G0408603800.01.T01	Increased DNA methylation 1
maker-4-augustus-gene-162.54-mRNA-1	Japonica	NA		Os04g0434300	OsR498G0408604400.01.T01	Threonylcarbamoyladenine tRNA methyltransferase
maker-4-augustus-gene-162.58-mRNA-1	Japonica	NA			OsR498G0408605800.01.T02	Kinesin-like protein KIN-7C mitochondrial
maker-4-augustus-gene-165.0-mRNA-1	Japonica	Indica		Os04g0439100	OsR498G0408621300.01.T01	T-complex protein 11
maker-4-augustus-gene-165.11-mRNA-1	Japonica	NA		Os04g0439900	OsR498G0408623000.01.T01	Protein TIC 40 chloroplastic
maker-4-augustus-gene-165.4-mRNA-1	Japonica	Japonica		Os04g0439200	OsR498G0408621500.01.T01	T-complex protein 11
maker-4-augustus-gene-165.6-mRNA-1	Japonica	Indica		Os02g0556900	OsR498G0408621800.01.T02	DDT transcription factor
maker-4-augustus-gene-166.34-mRNA-1	Japonica	NA		Os04g0442000	OsR498G0408632900.01.T03	Auxin response factor
maker-4-augustus-gene-166.39-mRNA-1	Japonica	NA		Os04g0442100	OsR498G0408633300.01.T02	Smr protein/MutS2 C-terminal
maker-4-augustus-gene-166.41-mRNA-1	Japonica	NA		Os04g0442200	OsR498G0408633500.01.T04	Monocarboxylate transporter 12 like
maker-4-augustus-gene-168.39-mRNA-1	Japonica	NA		Os04g0444200	OsR498G0408647100.01.T05	Calmodulin-binding protein 60 C
maker-4-augustus-gene-168.77-mRNA-1	Japonica	NA			OsR498G0408644200.01.T03	COX assembly mitochondrial protein (Fragment)
maker-4-augustus-gene-168.80-mRNA-1	Japonica	NA			OsR498G0408644600.01.T01	NAC domain-containing protein 12
maker-4-augustus-gene-168.82-mRNA-1	Japonica	NA			OsR498G0408645400.01.T01	RuBisCO large subunit-binding protein subunit beta
maker-4-augustus-gene-169.0-mRNA-1	Japonica	NA		Os04g0444800	OsR498G0408648900.01.T01	Ferric reduction oxidase 7 chloroplastic
maker-4-augustus-gene-169.10-mRNA-1	Japonica	NA		Os04g0445800	OsR498G0408651700.01.T01	U6 snRNA-associated Sm-like protein LSM1
maker-4-augustus-gene-169.13-mRNA-1	Japonica	NA		Os04g0446000	OsR498G0408652100.01.T02	LURP1-related protein domain containing protein
maker-4-augustus-gene-169.19-mRNA-1	Japonica	Japonica		Os04g0444400	OsR498G0408647800.01.T03	Pentatricopeptide repeat-containing protein
maker-4-augustus-gene-169.2-mRNA-1	Japonica	NA		Os04g0444900	OsR498G0408649100.01.T01	PHD finger protein ALFIN-LIKE 5, N-terminally processed like
maker-4-augustus-gene-169.24-mRNA-1	Japonica	Indica		Os04g0445000	OsR498G0408649400.01.T01	Potassium channel SKOR
maker-4-augustus-gene-169.27-mRNA-1	Japonica	NA		Os04g0445200	OsR498G0408650000.01.T01	Enzyme of the cupin superfamily
maker-4-augustus-gene-169.29-mRNA-1	Japonica	NA		Os04g0445700	OsR498G0408651600.01.T01	Beta-ketoacyl-[acyl-carrier-protein] synthase I
maker-4-augustus-gene-169.33-mRNA-1	Japonica	NA		Os04g0446300	OsR498G0408653400.01.T01	Signal peptidase complex, subunit SPC25
maker-4-augustus-gene-169.34-mRNA-1	Japonica	NA		Os04g0446300	OsR498G0408653400.01.T04	Signal peptidase complex subunit 2
maker-4-augustus-gene-17.0-mRNA-1	Japonica	NA			OsR498G0407689900.01.T01	MBD domain-containing protein
maker-4-augustus-gene-17.15-mRNA-1	Japonica	NA		Os04g0194500	OsR498G0407698800.01.T01	White-brown-complex ABC transporter family
maker-4-augustus-gene-17.5-mRNA-1	Japonica	NA			OsR498G0407699900.01.T01	
maker-4-augustus-gene-17.7-mRNA-1	Japonica	NA		Os04g0195000	OsR498G0407700300.01.T02	Vacuolar protein sorting-associated protein 41 homolog
maker-4-augustus-gene-170.0-mRNA-1	Japonica	NA		Os04g0446500	OsR498G0408653700.01.T02	Peptidylprolyl isomerase
maker-4-augustus-gene-170.15-mRNA-1	Japonica	NA		Os04g0447600	OsR498G0408659900.01.T01	Non-functional NADPH-dependent codeinone reductase 2
maker-4-augustus-gene-170.19-mRNA-1	Japonica	Japonica		Os04g0447700	OsR498G0408659900.01.T01	NAD(P)H-dependent 6'-deoxychalcone synthase
maker-4-augustus-gene-170.22-mRNA-1	Japonica	Indica		Os04g0448000	OsR498G0408661900.01.T01	
maker-4-augustus-gene-170.24-mRNA-1	Japonica	NA		Os04g0448200	OsR498G0408662500.01.T02	
maker-4-augustus-gene-170.5-mRNA-1	Japonica	NA		Os04g0446600		
maker-4-augustus-gene-171.0-mRNA-1	Japonica	NA		Os04g0448800	OsR498G0408663900.01.T01	Mitochondrial phosphate carrier protein like
maker-4-augustus-gene-171.12-mRNA-1	Japonica	NA		Os04g0449000	OsR498G0408664500.01.T02	Mitochondrial uncoupling protein 3
maker-4-augustus-gene-171.18-mRNA-1	Japonica	NA		Os04g0450000	OsR498G0408668500.01.T01	Hepatoma-derived growth factor-related protein 2-like
maker-4-augustus-gene-171.20-mRNA-1	Japonica	NA		Os04g0450100	OsR498G0408669700.01.T01	Phospholipase/carboxylhydrolase
maker-4-augustus-gene-171.24-mRNA-1	Japonica	Indica		Os04g0450200	OsR498G0408669900.01.T03	Pentatricopeptide repeat-containing protein mitochondrial
maker-4-augustus-gene-171.26-mRNA-1	Japonica	NA		Os04g0450500	OsR498G0408670900.01.T01	Nucleic acid-binding
maker-4-augustus-gene-171.30-mRNA-1	Japonica	NA		Os04g0450600	OsR498G0408671100.01.T01	Pterin-binding domain-containing protein
maker-4-augustus-gene-171.32-mRNA-1	Japonica	NA		Os04g0448600	OsR498G0408663600.01.T01	Gamma-glutamylcyclotransferase
maker-4-augustus-gene-171.36-mRNA-1	Japonica	NA			OsR498G0408663800.01.T01	F-box protein FBW2

maker-4-augustus-gene-171.38-mRNA-1	Japonica	NA		Os04g0449100	OsR498G0408664800.01.T01	Fucosyltransferase
maker-4-augustus-gene-171.40-mRNA-1	Japonica	NA		Os04g0449200	OsR498G0408665000.01.T01	Fucosyltransferase
maker-4-augustus-gene-171.42-mRNA-1	Japonica	NA			OsR498G0408665200.01.T04	PPM-type phosphatase domain-containing protein
maker-4-augustus-gene-171.47-mRNA-1	Japonica	NA		Os04g0449500	OsR498G0408665600.01.T01	Steroid nuclear receptor ligand-binding
maker-4-augustus-gene-171.5-mRNA-1	Japonica	NA		Os04g0448900	OsR498G0408664300.01.T03	Zeaxanthin epoxidase, chloroplastic
maker-4-augustus-gene-172.46-mRNA-1	Japonica	NA		Os04g0452100	OsR498G0408676900.01.T02	Cryptochrome
maker-4-augustus-gene-172.51-mRNA-1	Japonica	NA			OsR498G0408675800.01.T04	PPM-type phosphatase domain-containing protein
maker-4-augustus-gene-172.55-mRNA-1	Japonica	NA			OsR498G0408512800.01.T01	IQ calmodulin-binding motif family protein, expressed
maker-4-augustus-gene-172.59-mRNA-1	Japonica	NA		Os04g0452400	OsR498G0408677600.01.T01	USP domain-containing protein
maker-4-augustus-gene-173.0-mRNA-1	Japonica	Japonica		Os04g0452500	OsR498G0408677700.01.T02	Synaptonemal complex protein 1
maker-4-augustus-gene-173.10-mRNA-1	Japonica	NA		Os04g0453350	OsR498G0408679700.01.T01	Sugar transport protein 5
maker-4-augustus-gene-173.13-mRNA-1	Japonica	NA		Os04g0453400	OsR498G0408680000.01.T01	Sugar transport protein 5
maker-4-augustus-gene-173.4-mRNA-1	Japonica	NA		Os04g0452600	OsR498G0408677900.01.T01	Sugar transport protein 5
maker-4-augustus-gene-173.6-mRNA-1	Japonica	NA		Os04g0452700	OsR498G0408678300.01.T01	Sugar transport protein 5
maker-4-augustus-gene-173.8-mRNA-1	Japonica	NA		Os04g0453200	OsR498G0408679300.01.T01	Sugar transport protein 5
maker-4-augustus-gene-174.0-mRNA-1	Japonica	NA		Os04g0454200	OsR498G0408683900.01.T01	Sugar transport protein 5
maker-4-augustus-gene-174.2-mRNA-1	Japonica	NA			OsR498G0408684100.01.T01	
maker-4-augustus-gene-175.48-mRNA-1	Japonica	Indica		Os04g0456200	OsR498G0408687300.01.T01	PLAT domain-containing protein 1
maker-4-augustus-gene-175.50-mRNA-1	Japonica	Japonica		Os04g0456700	OsR498G0408687500.01.T01	PLAT domain-containing protein 3
maker-4-augustus-gene-175.56-mRNA-1	Japonica	Indica		Os04g0457700	OsR498G0408689900.01.T01	Epidermal patterning factor
maker-4-augustus-gene-175.58-mRNA-1	Japonica	NA		Os04g0458300	OsR498G0408691700.01.T02	Aldose 1-epimerase
maker-4-augustus-gene-175.61-mRNA-1	Japonica	NA		Os04g0455800	OsR498G0408686000.01.T01	Lipoyl synthase, mitochondrial
maker-4-augustus-gene-175.63-mRNA-1	Japonica	NA			OsR498G0408686200.01.T01	Endoplasmic reticulum-Golgi intermediate compartment protein 3
maker-4-augustus-gene-175.70-mRNA-1	Japonica	NA		Os04g0457000	OsR498G0408688400.01.T01	Chlorophyll a-b binding protein, chloroplastic
maker-4-augustus-gene-175.72-mRNA-1	Japonica	Indica		Os04g0457200	OsR498G0408688600.01.T01	11-beta-hydroxysteroid dehydrogenase-like 4B
maker-4-augustus-gene-175.74-mRNA-1	Japonica	NA			OsR498G0408689800.01.T01	Gamma-glutamyltranspeptidase 1
maker-4-augustus-gene-175.77-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os04g0457800	OsR498G0408690200.01.T01	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-176.0-mRNA-1	Japonica	Indica		Os04g0458600	OsR498G0408692700.01.T01	Aldose 1-epimerase
maker-4-augustus-gene-176.24-mRNA-1	Japonica	NA		Os04g0458700		
maker-4-augustus-gene-18.0-mRNA-1	Japonica	NA		Os04g0196200	OsR498G0407701900.01.T01	Acetylserotonin O-methyltransferase 1
maker-4-augustus-gene-18.2-mRNA-1	Japonica	Indica		Os04g0196600	OsR498G0407703600.01.T01	Putative glycosyltransferase AGO61
maker-4-augustus-gene-181.32-mRNA-1	Japonica	NA		Os04g0470100	OsR498G0408739900.01.T01	Ras-related protein Rab-2-B
maker-4-augustus-gene-181.46-mRNA-1	Japonica	NA				Small nuclear ribonucleoprotein Sm D1
maker-4-augustus-gene-182.43-mRNA-1	Japonica	NA			OsR498G0408741600.01.T01	Transcription factor MYB80
maker-4-augustus-gene-182.46-mRNA-1	Japonica	Indica		Os04g0470700	OsR498G0408741800.01.T02	Amino acid transporter, transmembrane
maker-4-augustus-gene-182.47-mRNA-1	Japonica	Indica		Os04g0470700	OsR498G0408741800.01.T06	Amino acid permease 2
maker-4-augustus-gene-182.62-mRNA-1	Japonica	NA		Os06g0190900		CAI-1 autoinducer sensor kinase/phosphatase cqsS isoform 1
maker-4-augustus-gene-182.65-mRNA-1	Japonica	NA		Os04g0471300	OsR498G0408743600.01.T01	WPP domain-interacting protein 2
maker-4-augustus-gene-182.67-mRNA-1	Japonica	NA		Os04g0471400	OsR498G0408744600.01.T03	Hapless 8
maker-4-augustus-gene-182.69-mRNA-1	Japonica	NA		Os04g0471700	OsR498G0408746400.01.T03	WRKY transcription factor
maker-4-augustus-gene-182.73-mRNA-1	Japonica	NA			OsR498G0408747600.01.T01	FAS1 domain-containing protein
maker-4-augustus-gene-183.0-mRNA-1	Japonica	NA		Os04g0472300	OsR498G0408748500.01.T02	Glycerophosphodiester phosphodiesterase
maker-4-augustus-gene-183.11-mRNA-1	Japonica	Japonica		Os04g0472700	OsR498G0408749700.01.T01	
maker-4-augustus-gene-183.14-mRNA-1	Japonica	NA		Os04g0473400	OsR498G0408753000.01.T01	60S ribosomal protein L6
maker-4-augustus-gene-183.16-mRNA-1	Japonica	NA			OsR498G0408753200.01.T01	
maker-4-augustus-gene-183.3-mRNA-1	Japonica	NA			OsR498G0408749100.01.T02	RNA binding (RRM/RBD/RNP motifs) family protein
maker-4-augustus-gene-183.9-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os04g0472500	OsR498G0408749300.01.T01	Inactive leucine-rich repeat receptor-like protein kinase
maker-4-augustus-gene-184.36-mRNA-1	Japonica	NA			OsR498G0100584200.01.T01	IF rod domain-containing protein
maker-4-augustus-gene-184.39-mRNA-1	Japonica	NA			OsR498G0408758900.01.T01	BRX domain-containing protein
maker-4-augustus-gene-184.42-mRNA-1	Japonica	Japonica		Os04g0473900	OsR498G0408754200.01.T01	4-coumarate--CoA ligase
maker-4-augustus-gene-184.45-mRNA-1	Japonica	Indica		Os04g0474800	OsR498G0408754800.01.T01	Non-cyanogenic beta-glucosidase
maker-4-augustus-gene-184.47-mRNA-1	Japonica	Indica		Os04g0474500	OsR498G0408754800.01.T03	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucosideb
maker-4-augustus-gene-184.49-mRNA-1	Japonica	Japonica		Os04g0474500	OsR498G0408756000.01.T03	Beta-glucosidase 12
maker-4-augustus-gene-184.50-mRNA-1	Japonica	Japonica		Os04g0474500	OsR498G0408756000.01.T03	Beta-glucosidase 12
maker-4-augustus-gene-184.53-mRNA-1	Japonica	Indica		Os04g0474500	OsR498G0408756000.01.T03	Beta-glucosidase 12
maker-4-augustus-gene-184.61-mRNA-1	Japonica	NA		Os04g0474900	OsR498G0408757800.01.T03	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucosideb
maker-4-augustus-gene-184.63-mRNA-1	Japonica	NA		Os04g0475500	OsR498G0408759800.01.T01	protein THYLAKOID ASSEMBLY 8, chloroplastic
maker-4-augustus-gene-185.0-mRNA-1	Japonica	NA		Os04g0476000	OsR498G0408761700.01.T01	F-box protein isoform A
maker-4-augustus-gene-185.10-mRNA-1	Japonica	NA			OsR498G0408763700.01.T01	C2 calcium-dependent membrane targeting
maker-4-augustus-gene-185.12-mRNA-1	Japonica	Indica	CC-LRR	Os04g0476700	OsR498G0408763900.01.T01	Plant intracellular Ras-group-related LRR protein 3
maker-4-augustus-gene-185.15-mRNA-1	Japonica	Japonica		Os04g0477000	OsR498G0408764700.01.T04	NPH3 domain-containing protein (Fragment)

maker-4-augustus-gene-185.19-mRNA-1	Japonica	NA		Os04g0475600	OsR498G0408760000.01.T01	2-oxoglutarate-dependent dioxygenase DAO
maker-4-augustus-gene-185.24-mRNA-1	Japonica	Indica		Os04g0476100	OsR498G0408762000.01.T01	Amine oxidase
maker-4-augustus-gene-185.35-mRNA-1	Japonica	Indica		Os02g0594800	OsR498G0408765200.01.T02	NAC domain-containing protein 8
maker-4-augustus-gene-185.4-mRNA-1	Japonica	NA			OsR498G0408763100.01.T01	Ribonuclease H2 subunit B
maker-4-augustus-gene-186.37-mRNA-1	Japonica	Indica		Os04g0479000	OsR498G0408766900.01.T02	Pachytene checkpoint protein 2 like
maker-4-augustus-gene-186.41-mRNA-1	Japonica	NA		Os04g0477500	OsR498G0408765800.01.T01	beta-1,4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase-like
maker-4-augustus-gene-186.44-mRNA-1	Japonica	NA		Os04g0479100	OsR498G0408767200.01.T01	Transglutaminase
maker-4-augustus-gene-186.47-mRNA-1	Japonica	NA		Os04g0479200	OsR498G0408767400.01.T01	Isocitrate dehydrogenase
maker-4-augustus-gene-186.49-mRNA-1	Japonica	NA		Os04g0479300	OsR498G0408767400.01.T03	
maker-4-augustus-gene-186.52-mRNA-1	Japonica	NA		Os04g0479500	OsR498G0408768000.01.T03	FBD domain-containing protein
maker-4-augustus-gene-187.0-mRNA-1	Japonica	NA		Os04g0479800	OsR498G0408768100.01.T01	FBD domain-containing protein
maker-4-augustus-gene-187.12-mRNA-1	Japonica	NA	LRR-TM	Os04g0480500	OsR498G0408770900.01.T01	Serine/threonine-protein kinase BR1-like protein 2
maker-4-augustus-gene-187.14-mRNA-1	Japonica	NA		Os04g0480900	OsR498G0408772500.01.T02	Mannan endo-1,4-beta-mannosidase
maker-4-augustus-gene-187.18-mRNA-1	Japonica	Indica		Os04g0480900	OsR498G0408772900.01.T01	Mannan endo-1,4-beta-mannosidase
maker-4-augustus-gene-187.20-mRNA-1	Japonica	NA		Os04g0481300	OsR498G0408773700.01.T01	31-kDa RNA binding protein
maker-4-augustus-gene-187.22-mRNA-1	Japonica	Indica		Os04g0481700	OsR498G0408776100.01.T02	p-glycoprotein 11
maker-4-augustus-gene-187.25-mRNA-1	Japonica	NA		Os04g0480200	OsR498G0408770000.01.T01	High-affinity nitrate transporter
maker-4-augustus-gene-187.27-mRNA-1	Japonica	NA		Os04g0480700	OsR498G0408771400.01.T01	Cytochrome P450, E-class, group I
maker-4-augustus-gene-187.29-mRNA-1	Japonica	NA		Os04g0480700	OsR498G0408771800.01.T01	Cytochrome P450, family 71, subfamily B, polypeptide 37
maker-4-augustus-gene-187.3-mRNA-1	Japonica	Indica		Os04g0480100	OsR498G0408769300.01.T01	Eukaryotic translation initiation factor 4B
maker-4-augustus-gene-187.31-mRNA-1	Japonica	NA		Os04g0481100	OsR498G0408773400.01.T01	Galactinol--sucrose galactosyltransferase
maker-4-augustus-gene-187.37-mRNA-1	Japonica	Indica		Os04g0481400	OsR498G0408774000.01.T01	Protein-L-isoaspartate(D-aspartate) O-methyltransferase
maker-4-augustus-gene-187.39-mRNA-1	Japonica	Indica		Os04g0481500	OsR498G0408774200.01.T01	Centromere protein like
maker-4-augustus-gene-187.5-mRNA-1	Japonica	NA		Os04g0480300	OsR498G0408770300.01.T01	SWI/SNF complex subunit SWI3A
maker-4-augustus-gene-187.9-mRNA-1	Japonica	NA		Os04g0480400	OsR498G0408770500.01.T02	SWI/SNF complex subunit SWI3A
maker-4-augustus-gene-188.16-mRNA-1	Japonica	NA		Os04g0482000	OsR498G0408777000.01.T01	Peptide methionine sulfoxide reductase A2-1
maker-4-augustus-gene-19.43-mRNA-1	Japonica	NA	Kinase-TM	Os04g0197200	OsR498G0407706500.01.T02	Cysteine-rich receptor-like protein kinase 6
maker-4-augustus-gene-19.50-mRNA-1	Japonica	Indica	Kinase-TM	Os04g0197200	OsR498G0407709800.01.T01	Cysteine-rich receptor-like protein kinase 6
maker-4-augustus-gene-191.27-mRNA-1	Japonica	NA		Os04g0489600	OsR498G0408806900.01.T01	BHLH domain-containing protein (Fragment)
maker-4-augustus-gene-191.30-mRNA-1	Japonica	NA		Os04g0489800	OsR498G0408807500.01.T01	RING-type E3 ubiquitin transferase
maker-4-augustus-gene-191.32-mRNA-1	Japonica	NA			OsR498G0408807700.01.T03	Mitochondrial protoporphyrinogen IX oxidase
maker-4-augustus-gene-191.39-mRNA-1	Japonica	NA	Kinase-TM	Os04g0488700	OsR498G0408802200.01.T01	Serine/threonine-protein kinase OX1
maker-4-augustus-gene-191.41-mRNA-1	Japonica	NA		Os04g0489100	OsR498G0408804800.01.T04	Serine/threonine-protein kinase OX1
maker-4-augustus-gene-192.41-mRNA-1	Japonica	NA			OsR498G0408808900.01.T01	ankyrin-3 isoform X1
maker-4-augustus-gene-192.44-mRNA-1	Japonica	Indica	Kinase	Os04g0490500	OsR498G0408809700.01.T02	Tyrosine-protein kinase
maker-4-augustus-gene-192.48-mRNA-1	Japonica	Japonica		Os04g0490900	OsR498G0408810900.01.T01	Amino acid transporter, transmembrane
maker-4-augustus-gene-192.56-mRNA-1	Japonica	NA		Os04g0490400	OsR498G0408809200.01.T01	Ribosome-recycling factor, chloroplastic
maker-4-augustus-gene-192.59-mRNA-1	Japonica	Indica		Os04g0490600	OsR498G0408810000.01.T02	CMP-sialic acid transporter 4
maker-4-augustus-gene-192.66-mRNA-1	Japonica	NA		Os04g0490800	OsR498G0408810600.01.T02	2-phosphoglycolate phosphatase, eukaryotic
maker-4-augustus-gene-192.69-mRNA-1	Japonica	Japonica		Os04g0491200	OsR498G0408812200.01.T02	Nitrate transporter 1.2
maker-4-augustus-gene-192.74-mRNA-1	Japonica	NA		Os04g0491500	OsR498G0408813800.01.T01	Nitrate transporter 1.2
maker-4-augustus-gene-192.78-mRNA-1	Japonica	NA		Os04g0491700	OsR498G0408814000.01.T01	Inositol transporter like
maker-4-augustus-gene-193.0-mRNA-1	Japonica	NA				DNA-directed RNA polymerase subunit
maker-4-augustus-gene-193.16-mRNA-1	Japonica	NA		Os04g0492900	OsR498G0408818300.01.T01	Putative CRM domain-containing protein, chloroplastic
maker-4-augustus-gene-193.20-mRNA-1	Japonica	NA		Os04g0493100	OsR498G0408820400.01.T04	Transcription factor bHLH153
maker-4-augustus-gene-193.22-mRNA-1	Japonica	NA		Os04g0493400	OsR498G0408821800.01.T01	Chitinase
maker-4-augustus-gene-193.8-mRNA-1	Japonica	NA		Os04g0492400	OsR498G0408817100.01.T04	S-adenosyl-L-methionine-dependent methyltransferase
maker-4-augustus-gene-194.0-mRNA-1	Japonica	NA			OsR498G0815948900.01.T01	Hydroxyproline-rich glycoprotein-like
maker-4-augustus-gene-194.10-mRNA-1	Japonica	Indica		Os01g0611000	OsR498G0408824300.01.T01	DUF642 domain-containing protein (Fragment)
maker-4-augustus-gene-194.19-mRNA-1	Japonica	NA			OsR498G0408826500.01.T01	Cytochrome b561 and DOMON domain-containing protein
maker-4-augustus-gene-194.21-mRNA-1	Japonica	NA		Os04g0494100	OsR498G0408822600.01.T01	Chitinase
maker-4-augustus-gene-194.23-mRNA-1	Japonica	NA				Transcription factor RF2a
maker-4-augustus-gene-194.26-mRNA-1	Japonica	Indica		Os05g0305700	OsR498G0408827000.01.T01	Homeobox protein SIX3-like isoform X2
maker-4-augustus-gene-194.29-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-4-augustus-gene-194.4-mRNA-1	Japonica	NA		Os04g0494600	OsR498G0408823500.01.T01	Allergen Act d 3
maker-4-augustus-gene-194.8-mRNA-1	Japonica	NA		Os04g0494900	OsR498G0408824100.01.T01	
maker-4-augustus-gene-195.0-mRNA-1	Japonica	NA		Os04g0495800	OsR498G0408827100.01.T03	NLP transcription factor (Fragment)
maker-4-augustus-gene-195.10-mRNA-1	Japonica	Indica		Os02g0607700	OsR498G0408828200.01.T01	(+)-neomenthol dehydrogenase
maker-4-augustus-gene-195.13-mRNA-1	Japonica	NA		Os04g0496600	OsR498G0408829600.01.T02	CBF1 interacting corepressor
maker-4-augustus-gene-195.17-mRNA-1	Japonica	NA		Os04g0496800	OsR498G0408830200.01.T02	Leucine zipper-EF-hand-containing transmembrane protein 1
maker-4-augustus-gene-195.2-mRNA-1	Japonica	NA		Os04g0495900	OsR498G0408827700.01.T01	Glycerol-3-phosphatase 1

maker-4-augustus-gene-195.22-mRNA-1	Japonica	NA		Os04g0497000	OsR498G0408830600.01.T01	NADP-dependent alkenal double bond reductase P1
maker-4-augustus-gene-195.25-mRNA-1	Japonica	NA			OsR498G0408830800.01.T01	Endoglucanase
maker-4-augustus-gene-195.27-mRNA-1	Japonica	Indica		Os04g0497350	OsR498G0408831600.01.T03	Ubiquitin-like-conjugating enzyme ATG10
maker-4-augustus-gene-195.32-mRNA-1	Japonica	NA		Os04g0497400	OsR498G0408831800.01.T01	6,7-dimethyl-8-ribityllumazine synthase
maker-4-augustus-gene-195.35-mRNA-1	Japonica	NA		Os04g0497600	OsR498G0408832200.01.T02	La protein 1
maker-4-augustus-gene-195.4-mRNA-1	Japonica	NA		Os04g0496400	OsR498G0408828900.01.T02	HIV Tat-specific factor like
maker-4-augustus-gene-195.8-mRNA-1	Japonica	Japonica		Os04g0497300	OsR498G0408831100.01.T01	Stress-inducible protein
maker-4-augustus-gene-196.42-mRNA-1	Japonica	NA			OsR498G0408832900.01.T03	VAN3-binding protein isoform X1
maker-4-augustus-gene-196.46-mRNA-1	Japonica	NA		Os04g0498800	OsR498G0408834700.01.T05	Cell division control protein B
maker-4-augustus-gene-196.54-mRNA-1	Japonica	Japonica		Os04g0499100	OsR498G0408835700.01.T02	probable folate-biopterin transporter 2
maker-4-augustus-gene-196.58-mRNA-1	Japonica	Japonica		Os04g0499800	OsR498G0408837100.01.T04	
maker-4-augustus-gene-196.60-mRNA-1	Japonica	NA		Os04g0500300	OsR498G0408838100.01.T01	GPI-anchored protein LLG2
maker-4-augustus-gene-196.62-mRNA-1	Japonica	NA		Os04g0500400	OsR498G0408838500.01.T01	
maker-4-augustus-gene-196.64-mRNA-1	Japonica	Indica		Os04g0498200	OsR498G0408833600.01.T01	Cytochrome c oxidase subunit
maker-4-augustus-gene-196.67-mRNA-1	Japonica	Japonica		Os04g0498700	OsR498G0408834600.01.T01	Peroxidase
maker-4-augustus-gene-196.73-mRNA-1	Japonica	Japonica		Os04g0499200	OsR498G0204286000.01.T01	Enhancer of rudimentary homolog
maker-4-augustus-gene-196.75-mRNA-1	Japonica	Indica		Os04g0499300	OsR498G0408836000.01.T02	eukaryotic translation initiation factor
maker-4-augustus-gene-197.39-mRNA-1	Japonica	NA		Os04g0500700	OsR498G0408840900.01.T05	Hydroxycinnamoyl-Coenzyme A shikimate/quinata hydroxycinnamoyltransferase
maker-4-augustus-gene-197.41-mRNA-1	Japonica	Indica		Os04g0500900	OsR498G0408841300.01.T01	Serine/threonine protein phosphatase
maker-4-augustus-gene-197.45-mRNA-1	Japonica	NA		Os04g0501100	OsR498G0408841700.01.T03	Magnesium transporter
maker-4-augustus-gene-197.49-mRNA-1	Japonica	NA			OsR498G0408841900.01.T01	GuaA
maker-4-augustus-gene-197.52-mRNA-1	Japonica	NA		Os04g0501700	OsR498G0408843900.01.T06	Gamma-tubulin complex component
maker-4-augustus-gene-197.58-mRNA-1	Japonica	NA		Os04g0501800	OsR498G0408844300.01.T01	Calmodulin-binding protein isoform 1
maker-4-augustus-gene-197.61-mRNA-1	Japonica	Japonica		Os04g0502100	OsR498G0408845100.01.T01	
maker-4-augustus-gene-197.63-mRNA-1	Japonica	NA		Os04g0502200	OsR498G0408845300.01.T02	Trafficking protein particle complex subunit 9
maker-4-augustus-gene-197.69-mRNA-1	Japonica	NA		Os04g0501000	OsR498G0408841600.01.T04	50S ribosomal protein L23, chloroplastic
maker-4-augustus-gene-197.71-mRNA-1	Japonica	NA		Os04g0501600	OsR498G0408843400.01.T01	
maker-4-augustus-gene-197.76-mRNA-1	Japonica	NA			OsR498G0408844800.01.T01	HMA domain-containing protein
maker-4-augustus-gene-198.0-mRNA-1	Japonica	NA		Os04g0502800	OsR498G0408846900.01.T01	Nodulin-like domain-containing protein (Fragment)
maker-4-augustus-gene-198.14-mRNA-1	Japonica	Indica		Os04g0503800	OsR498G0408848700.01.T01	TRAPP 20 K subunit
maker-4-augustus-gene-198.17-mRNA-1	Japonica	NA			OsR498G0408850300.01.T03	Adenine phosphoribosyltransferase1
maker-4-augustus-gene-198.20-mRNA-1	Japonica	NA			OsR498G0408851500.01.T01	AP2-like ethylene-responsive transcription factor BBM2
maker-4-augustus-gene-198.23-mRNA-1	Japonica	Indica		Os04g0386600	OsR498G0408852300.01.T02	Phosphoenolpyruvate carboxylase family protein isoform 2
maker-4-augustus-gene-198.28-mRNA-1	Japonica	NA			OsR498G0408847800.01.T04	Calcium-dependent protein kinase 5
maker-4-augustus-gene-198.3-mRNA-1	Japonica	NA		Os04g0502900	OsR498G0408847100.01.T02	Calcium uptake protein, mitochondrial
maker-4-augustus-gene-198.30-mRNA-1	Japonica	NA	LRR-TM	Os04g0503500	OsR498G0408848000.01.T07	F-box/LRR-repeat protein 14-like isoform X2
maker-4-augustus-gene-198.36-mRNA-1	Japonica	NA		Os04g0503700	OsR498G0408848600.01.T02	
maker-4-augustus-gene-198.39-mRNA-1	Japonica	NA			OsR498G0408852600.01.T01	Putative non-LTR retroelement reverse transcriptase
maker-4-augustus-gene-198.9-mRNA-1	Japonica	Indica	Kinase	Os09g0123300	OsR498G0408848300.01.T03	Mitogen-activated protein kinase kinase kinase
maker-4-augustus-gene-199.0-mRNA-1	Japonica	NA		Os04g0505000	OsR498G0408853300.01.T02	Filament-like plant protein 7
maker-4-augustus-gene-199.2-mRNA-1	Japonica	NA		Os04g0504800	OsR498G0408852800.01.T03	Polyadenylate-binding protein (Fragment)
maker-4-augustus-gene-199.9-mRNA-1	Japonica	NA		Os04g0506300	OsR498G0408859600.01.T02	Serine incorporator
maker-4-augustus-gene-2.0-mRNA-1	Japonica	NA		Os04g0171800	OsR498G0407629800.01.T01	Isoleucine N-monooxygenase 2-like (Fragment)
maker-4-augustus-gene-20.0-mRNA-1	Japonica	NA				TTF-type domain-containing protein (Fragment)
maker-4-augustus-gene-200.36-mRNA-1	Japonica	NA		Os04g0507700	OsR498G0408864500.01.T01	Anther-specific proline-rich protein APG
maker-4-augustus-gene-200.38-mRNA-1	Japonica	NA		Os04g0507900	OsR498G0408864900.01.T06	Diphthamide biosynthesis protein 7-like protein (Fragment)
maker-4-augustus-gene-200.40-mRNA-1	Japonica	NA		Os04g0508100		Isocitrate dehydrogenase [NADP]
maker-4-augustus-gene-200.42-mRNA-1	Japonica	NA			OsR498G0408865700.01.T01	Isocitrate dehydrogenase
maker-4-augustus-gene-200.47-mRNA-1	Japonica	NA		Os04g0506900	OsR498G0408861800.01.T02	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P-related
maker-4-augustus-gene-200.50-mRNA-1	Japonica	NA		Os04g0507000	OsR498G0408862600.01.T04	GIY-YIG nuclease superfamily
maker-4-augustus-gene-200.54-mRNA-1	Japonica	NA				GIY-YIG nuclease superfamily
maker-4-augustus-gene-200.60-mRNA-1	Japonica	NA			OsR498G0408863400.01.T06	CLIP-associated protein-like
maker-4-augustus-gene-200.73-mRNA-1	Japonica	NA		Os04g0508000	OsR498G0408865400.01.T01	Protein trichome birefringence
maker-4-augustus-gene-201.35-mRNA-1	Japonica	Indica		Os04g0508300	OsR498G0408866100.01.T01	Glutaredoxin GRX
maker-4-augustus-gene-201.39-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0408871500.01.T01	Receptor-like serinethreonine-protein kinase ale2
maker-4-augustus-gene-202.59-mRNA-1	Japonica	Indica		Os04g0510500	OsR498G0408877100.01.T02	Nuclear transport factor 2 (NTF2) family protein with RNA binding (RRM-RBD)
maker-4-augustus-gene-202.71-mRNA-1	Japonica	NA		Os04g0510600	OsR498G0408877400.01.T01	Anaphase-promoting complex subunit like
maker-4-augustus-gene-203.13-mRNA-1	Japonica	NA		Os04g0512400	OsR498G0408881200.01.T01	protein BREAST CANCER SUSCEPTIBILITY 1 homolog
maker-4-augustus-gene-208.54-mRNA-1	Japonica	NA		Os04g0521800	OsR498G0408918300.01.T02	IAA-amino acid hydrolase
maker-4-augustus-gene-208.57-mRNA-1	Japonica	Indica		Os02g0629800	OsR498G0408918500.01.T01	Knot1 domain-containing protein (Fragment)
maker-4-augustus-gene-209.24-mRNA-1	Japonica	Indica		Os04g0525100	OsR498G0408929200.01.T01	Glycosyltransferase

maker-4-augustus-gene-209.27-mRNA-1	Japonica	NA		Os04g0525700	OsR498G0408931600.01.T01	Carboxypeptidase
maker-4-augustus-gene-21.0-mRNA-1	Japonica	NA			OsR498G0407714700.01.T02	Retrotransposon protein, putative, LINE sub-class
maker-4-augustus-gene-21.3-mRNA-1	Japonica	Indica		Os04g0330200	OsR498G0407712200.01.T01	Jacalin-type lectin domain-containing protein
maker-4-augustus-gene-21.5-mRNA-1	Japonica	NA				NB-ARC domain-containing protein
maker-4-augustus-gene-21.7-mRNA-1	Japonica	NA		Os04g0201200	OsR498G0407716800.01.T01	Pumilio
maker-4-augustus-gene-210.41-mRNA-1	Japonica	NA			OsR498G0408932500.01.T01	Sphingolipid transporter spinster like
maker-4-augustus-gene-211.19-mRNA-1	Japonica	Indica		Os04g0528600	OsR498G0408943800.01.T01	Serine/arginine repetitive matrix protein 2-like
maker-4-augustus-gene-212.49-mRNA-1	Japonica	NA		Os04g0531900	OsR498G0408957400.01.T01	Salutaridine reductase
maker-4-augustus-gene-218.10-mRNA-1	Japonica	NA		Os04g0542900	OsR498G0409008100.01.T01	XendoU domain-containing protein
maker-4-augustus-gene-218.15-mRNA-1	Japonica	NA			OsR498G0409008500.01.T01	
maker-4-augustus-gene-218.17-mRNA-1	Japonica	NA		Os04g0543200	OsR498G0409008700.01.T03	RNA recognition motif protein 1
maker-4-augustus-gene-218.19-mRNA-1	Japonica	NA		Os04g0542200	OsR498G0409006200.01.T01	Probable metal-nicotianamine transporter YSL9
maker-4-augustus-gene-218.22-mRNA-1	Japonica	NA			OsR498G0409006400.01.T01	
maker-4-augustus-gene-218.23-mRNA-1	Japonica	NA		Os04g0542800	OsR498G0409008000.01.T03	Iron-phytosiderophore transporter yellow stripe 1
maker-4-augustus-gene-218.4-mRNA-1	Japonica	NA		Os04g0541700	OsR498G0409002900.01.T01	Homeodomain-containing transcription factor S1
maker-4-augustus-gene-218.6-mRNA-1	Japonica	Indica		Os04g0541900	OsR498G0409004300.01.T01	Cysteine-type endopeptidase/ ubiquitin thiolesterase
maker-4-augustus-gene-219.36-mRNA-1	Japonica	NA		Os04g0543700	OsR498G0409009900.01.T05	Subtilisin-like protease
maker-4-augustus-gene-219.40-mRNA-1	Japonica	Indica		Os02g0650900	OsR498G0409010500.01.T01	Glutamate dehydrogenase
maker-4-augustus-gene-219.45-mRNA-1	Japonica	Indica		Os04g0543600	OsR498G0409009600.01.T02	Cationic amino acid transporter like
maker-4-augustus-gene-219.49-mRNA-1	Japonica	NA		Os04g0544200	OsR498G0409012200.01.T01	Cyclin
maker-4-augustus-gene-219.51-mRNA-1	Japonica	NA		Os04g0544400	OsR498G0409012400.01.T01	Pentatricopeptide repeat-containing protein (Fragment)
maker-4-augustus-gene-219.54-mRNA-1	Japonica	NA		Os04g0544500	OsR498G0409012600.01.T01	GATA-type domain-containing protein
maker-4-augustus-gene-219.57-mRNA-1	Japonica	NA				Mannosyltransferase
maker-4-augustus-gene-219.62-mRNA-1	Japonica	NA		Os04g0545000	OsR498G0409013800.01.T01	WRKY transcription factor 4
maker-4-augustus-gene-22.41-mRNA-1	Japonica	NA		Os04g0203500	OsR498G0407720100.01.T01	Senescence-specific cysteine protease SAG39
maker-4-augustus-gene-22.43-mRNA-1	Japonica	NA				UDP-glucosyltransferase UGT13248
maker-4-augustus-gene-22.53-mRNA-1	Japonica	NA		Os02g0818500		Neprosin domain-containing protein (Fragment)
maker-4-augustus-gene-22.56-mRNA-1	Japonica	Indica		Os04g0206450	OsR498G0407721000.01.T01	Glycosyltransferase
maker-4-augustus-gene-22.58-mRNA-1	Japonica	NA		Os04g0206500	OsR498G0407721400.01.T01	Glycosyltransferase
maker-4-augustus-gene-22.60-mRNA-1	Japonica	NA		Os04g0206600	OsR498G0407721600.01.T01	Glycosyltransferase
maker-4-augustus-gene-22.63-mRNA-1	Japonica	NA				F-box domain containing protein, expressed
maker-4-augustus-gene-220.0-mRNA-1	Japonica	NA	Kinase-TM	Os04g0546300	OsR498G0409018300.01.T01	Serine/threonine-protein kinase D6PKL1
maker-4-augustus-gene-220.13-mRNA-1	Japonica	Indica		Os04g0545200	OsR498G0409015800.01.T01	ELMO domain-containing protein A
maker-4-augustus-gene-220.17-mRNA-1	Japonica	NA		Os04g0545400	OsR498G0409016800.01.T01	Phytoecyanin domain-containing protein
maker-4-augustus-gene-220.19-mRNA-1	Japonica	NA		Os04g0545600	OsR498G0409017200.01.T01	Phytoecyanin domain-containing protein
maker-4-augustus-gene-220.2-mRNA-1	Japonica	Indica		Os04g0546400	OsR498G0409018500.01.T03	Ubiquitin carboxyl-terminal hydrolase
maker-4-augustus-gene-220.21-mRNA-1	Japonica	NA		Os04g0545700	OsR498G0409017400.01.T01	HXXXD-type acyl-transferase family protein
maker-4-augustus-gene-220.23-mRNA-1	Japonica	NA			OsR498G0409018000.01.T01	
maker-4-augustus-gene-220.9-mRNA-1	Japonica	NA		Os04g0545100	OsR498G0409015600.01.T01	ELMO domain-containing protein A
maker-4-augustus-gene-221.40-mRNA-1	Japonica	NA		Os04g0547900	OsR498G0409023700.01.T02	NUDIX hydrolase domain
maker-4-augustus-gene-221.45-mRNA-1	Japonica	NA		Os04g0548000	OsR498G0409023900.01.T01	DUF862 domain-containing protein
maker-4-augustus-gene-221.49-mRNA-1	Japonica	NA				ARM repeat superfamily protein
maker-4-augustus-gene-221.58-mRNA-1	Japonica	NA		Os04g0549400	OsR498G0409027900.01.T01	
maker-4-augustus-gene-221.60-mRNA-1	Japonica	NA		Os04g0549500		Probable transcription factor MYB58
maker-4-augustus-gene-221.65-mRNA-1	Japonica	Indica	Kinase-TM	Os02g0655800	OsR498G0409024600.01.T01	Putative leucine-rich repeat receptor-like protein kinase family protein
maker-4-augustus-gene-221.67-mRNA-1	Japonica	NA		Os04g0548700	OsR498G0409026000.01.T01	Homeobox-leucine zipper protein HOX1
maker-4-augustus-gene-221.69-mRNA-1	Japonica	NA		Os04g0549300	OsR498G0409027800.01.T01	Isoaspartyl peptidase/L-asparaginase 3 subunit beta like
maker-4-augustus-gene-222.0-mRNA-1	Japonica	NA		Os04g0549600	OsR498G0409029500.01.T01	DnaJ protein like
maker-4-augustus-gene-222.14-mRNA-1	Japonica	NA		Os04g0550700	OsR498G0409034600.01.T01	
maker-4-augustus-gene-222.17-mRNA-1	Japonica	Japonica		Os04g0550950	OsR498G0409035200.01.T01	Putative aquaporin TIP-type
maker-4-augustus-gene-222.6-mRNA-1	Japonica	NA		Os04g0550600	OsR498G0409034300.01.T01	Carotenoid cleavage dioxygenase
maker-4-augustus-gene-222.8-mRNA-1	Japonica	NA			OsR498G0409033400.01.T03	E3 ubiquitin protein ligase
maker-4-augustus-gene-223.38-mRNA-1	Japonica	NA		Os04g0551200	OsR498G0409036300.01.T01	Malate dehydrogenase
maker-4-augustus-gene-223.40-mRNA-1	Japonica	NA		Os04g0551500	OsR498G0409036900.01.T01	Squamosa promoter-binding protein 6
maker-4-augustus-gene-223.48-mRNA-1	Japonica	NA		Os04g0552000	OsR498G0409040100.01.T01	Expansin-like EG45 domain-containing protein
maker-4-augustus-gene-223.50-mRNA-1	Japonica	NA		Os04g0552200	OsR498G0409041300.01.T01	Expansin B
maker-4-augustus-gene-223.52-mRNA-1	Japonica	NA			OsR498G0409044900.01.T01	TF-B3 domain-containing protein
maker-4-augustus-gene-223.54-mRNA-1	Japonica	Indica		Os04g0551300	OsR498G0409036600.01.T04	O-fucosyltransferase family protein (Fragment)
maker-4-augustus-gene-223.59-mRNA-1	Japonica	NA		Os04g0551600	OsR498G0409038800.01.T01	Histone deacetylase complex subunit like
maker-4-augustus-gene-223.61-mRNA-1	Japonica	NA			OsR498G0409045600.01.T01	Acyl-acyl carrier protein thioesterase ATL3 chloroplastic
maker-4-augustus-gene-223.63-mRNA-1	Japonica	NA			OsR498G0409046600.01.T02	Methylketone synthase IIa

maker-4-augustus-gene-224.34-mRNA-1	Japonica	NA		Os04g0554200	OsR498G0409048900.01.T01	MSP domain-containing protein (Fragment)
maker-4-augustus-gene-224.37-mRNA-1	Japonica	NA		Os04g0555400	OsR498G0409053900.01.T07	Nop domain
maker-4-augustus-gene-224.42-mRNA-1	Japonica	Indica		Os04g0553500	OsR498G0409047200.01.T02	Pectinesterase
maker-4-augustus-gene-224.44-mRNA-1	Japonica	Indica		Os04g0553800	OsR498G0409048200.01.T01	Glucuronosyltransferase
maker-4-augustus-gene-224.46-mRNA-1	Japonica	Indica		Os02g0661100	OsR498G0409048600.01.T01	Trehalose 6-phosphate phosphatase
maker-4-augustus-gene-224.48-mRNA-1	Japonica	NA			OsR498G0409051800.01.T01	
maker-4-augustus-gene-224.50-mRNA-1	Japonica	NA		Os04g0555300	OsR498G0409053200.01.T03	Glycerol-3-phosphate transporter
maker-4-augustus-gene-225.0-mRNA-1	Japonica	Indica		Os04g0556000	OsR498G0409055700.01.T01	ATP dependent copper transporter
maker-4-augustus-gene-225.18-mRNA-1	Japonica	NA		Os04g0555700	OsR498G0409054800.01.T01	Actin-depolymerizing factor
maker-4-augustus-gene-225.20-mRNA-1	Japonica	NA		Os04g0555800	OsR498G0409055000.01.T01	zinc finger CCHC domain-containing protein 9 isoform X2
maker-4-augustus-gene-225.23-mRNA-1	Japonica	NA		Os04g0555900	OsR498G0409055200.01.T02	Serine racemase
maker-4-augustus-gene-225.27-mRNA-1	Japonica	NA			OsR498G0409059400.01.T01	NAC domain-containing protein
maker-4-augustus-gene-225.28-mRNA-1	Japonica	NA		Os04g0557200	OsR498G0409060800.01.T02	Anthocyanin regulatory R-S protein-like
maker-4-augustus-gene-225.3-mRNA-1	Japonica	NA		Os04g0556300	OsR498G0409056100.01.T01	Glutathione peroxidase
maker-4-augustus-gene-225.8-mRNA-1	Japonica	NA			OsR498G0409054400.01.T03	BEACH domain-containing protein lvsC
maker-4-augustus-gene-226.7-mRNA-1	Japonica	NA		Os04g0557500	OsR498G0409061000.01.T01	Anthocyanin regulatory R-S protein-like
maker-4-augustus-gene-23.38-mRNA-1	Japonica	NA		Os04g0208500	OsR498G0407729800.01.T01	FBD domain-containing protein
maker-4-augustus-gene-231.21-mRNA-1	Japonica	NA				Piwi domain-containing protein
maker-4-augustus-gene-233.25-mRNA-1	Japonica	NA		Os04g0569300	OsR498G0409100900.01.T01	RHOMBOLD-like protein (Fragment)
maker-4-augustus-gene-233.29-mRNA-1	Japonica	Japonica		Os04g0569400	OsR498G0409101200.01.T02	Methyltransferase
maker-4-augustus-gene-233.33-mRNA-1	Japonica	NA		Os04g0569900	OsR498G0409102000.01.T01	IQ-domain 23
maker-4-augustus-gene-233.36-mRNA-1	Japonica	NA		Os04g0570000	OsR498G0409102800.01.T01	Cytochrome P450 family 87 subfamily A polypeptide 2
maker-4-augustus-gene-234.32-mRNA-1	Japonica	Japonica		Os04g0571200	OsR498G0409107500.01.T06	E3 ubiquitin ligase BIG BROTHER
maker-4-augustus-gene-234.37-mRNA-1	Japonica	NA		Os04g0571300	OsR498G0409108100.01.T03	RING/U-box superfamily protein
maker-4-augustus-gene-234.38-mRNA-1	Japonica	NA		Os04g0571800	OsR498G0409111700.01.T01	Putative RING-H2 finger protein ATL62
maker-4-augustus-gene-234.42-mRNA-1	Japonica	NA		Os04g0570500	OsR498G0409104200.01.T01	Cytochrome P450 family protein, expressed
maker-4-augustus-gene-234.44-mRNA-1	Japonica	NA		Os04g0570600	OsR498G0409105000.01.T02	Cytochrome P450 family 87 subfamily A polypeptide 2
maker-4-augustus-gene-234.50-mRNA-1	Japonica	NA		Os04g0570800	OsR498G0409105200.01.T02	Methyltransferase
maker-4-augustus-gene-235.0-mRNA-1	Japonica	NA			OsR498G0409115500.01.T01	
maker-4-augustus-gene-235.2-mRNA-1	Japonica	NA			OsR498G0409115900.01.T08	DNA-directed RNA polymerase subunit
maker-4-augustus-gene-235.22-mRNA-1	Japonica	NA			OsR498G0409116500.01.T05	
maker-4-augustus-gene-235.24-mRNA-1	Japonica	Japonica		Os04g0572700	OsR498G0204522900.01.T02	Zinc finger CCCH domain-containing protein 48
maker-4-augustus-gene-235.26-mRNA-1	Japonica	NA		Os04g0573000	OsR498G0409117500.01.T03	SPX domain-containing membrane protein
maker-4-augustus-gene-235.3-mRNA-1	Japonica	NA			OsR498G0409115900.01.T02	DNA-directed RNA polymerase subunit
maker-4-augustus-gene-235.31-mRNA-1	Japonica	NA		Os04g0573100	OsR498G0409117700.01.T01	(R)-mandelonitrile lyase
maker-4-augustus-gene-235.33-mRNA-1	Japonica	NA	CCSD	Os04g0573200	OsR498G0409117900.01.T03	Putative superoxide dismutase, copper/zinc binding domain, heavy metal-as
maker-4-augustus-gene-235.38-mRNA-1	Japonica	NA		Os04g0573900	OsR498G0409119100.01.T01	Cytochrome P450 family 704 subfamily A polypeptide 2
maker-4-augustus-gene-236.0-mRNA-1	Japonica	Indica		Os04g0574500	OsR498G0409122100.01.T01	Growth-regulating factor
maker-4-augustus-gene-236.3-mRNA-1	Japonica	NA				ATP-dependent DNA helicase HFM1/MER3
maker-4-augustus-gene-236.8-mRNA-1	Japonica	Indica		Os04g0574800	OsR498G0409122800.01.T01	4-hydroxy-tetrahydrodipicolinate synthase
maker-4-augustus-gene-237.31-mRNA-1	Japonica	NA		Os04g0576500	OsR498G0409125200.01.T02	
maker-4-augustus-gene-237.34-mRNA-1	Japonica	NA		Os04g0576700	OsR498G0409127700.01.T03	
maker-4-augustus-gene-238.0-mRNA-1	Japonica	NA		Os04g0577200	OsR498G0409130700.01.T01	Rho GTPase-activating protein gacA
maker-4-augustus-gene-238.11-mRNA-1	Japonica	NA			OsR498G0409134300.01.T01	Aldehyde oxygenase (deformylating)
maker-4-augustus-gene-238.16-mRNA-1	Japonica	NA		Os04g0578700	OsR498G0409136500.01.T03	Mechanosensitive ion channel protein 1 mitochondrial
maker-4-augustus-gene-238.20-mRNA-1	Japonica	NA			OsR498G0409137100.01.T01	GRF-type domain-containing protein (Fragment)
maker-4-augustus-gene-238.22-mRNA-1	Japonica	NA		Os04g0577500	OsR498G0409131600.01.T03	Putative metal-dependent hydrolase YabD
maker-4-augustus-gene-238.25-mRNA-1	Japonica	NA		Os04g0577800	OsR498G0409132600.01.T01	Protein FATTY ACID EXPORT 4 chloroplastic
maker-4-augustus-gene-238.28-mRNA-1	Japonica	NA		Os04g0578000	OsR498G0409132800.01.T01	1-aminocyclopropane-1-carboxylic acid synthase
maker-4-augustus-gene-238.3-mRNA-1	Japonica	Japonica		Os04g0577300	OsR498G0409131100.01.T01	GDSL esterase/lipase
maker-4-augustus-gene-238.30-mRNA-1	Japonica	Indica		Os04g0578600	OsR498G0409136200.01.T03	Putative ferric-chelate reductase (NADH)
maker-4-augustus-gene-238.34-mRNA-1	Japonica	NA		Os04g0578800	OsR498G0409136800.01.T01	Putative DUF604-domain containing/glycosyltransferase-related family prot
maker-4-augustus-gene-238.6-mRNA-1	Japonica	Indica		Os04g0578200	OsR498G0409133900.01.T04	RNA-directed RNA polymerase L (Fragment)
maker-4-augustus-gene-239.0-mRNA-1	Japonica	Indica		Os04g0579700	OsR498G0409141300.01.T01	BTB/POZ domain-containing protein At1g63850
maker-4-augustus-gene-239.6-mRNA-1	Japonica	Indica		Os04g0580400	OsR498G0409144200.01.T01	SUMO-conjugating enzyme like
maker-4-augustus-gene-24.25-mRNA-1	Japonica	NA			OsR498G0407736700.01.T03	
maker-4-augustus-gene-24.27-mRNA-1	Japonica	NA				Multidrug resistance-associated protein 4 isoform 2
maker-4-augustus-gene-24.30-mRNA-1	Japonica	NA		Os04g0209300	OsR498G0407734600.01.T02	ABC transporter C family member 4
maker-4-augustus-gene-240.0-mRNA-1	Japonica	NA		Os04g0580700	OsR498G0409145300.01.T05	MADS box transcription factor
maker-4-augustus-gene-240.11-mRNA-1	Japonica	Japonica		Os04g0581300	OsR498G0204538000.01.T01	Mitochondrial import inner membrane translocase subunit
maker-4-augustus-gene-240.5-mRNA-1	Japonica	Japonica		Os04g0581000	OsR498G0409147310.01.T01	Fe2OG dioxygenase domain-containing protein (Fragment)

maker-4-augustus-gene-240.9-mRNA-1	Japonica	NA		Os04g0581100	OsR498G0409147600.01.T03	Oxoglutarate/iron-dependent dioxygenase
maker-4-augustus-gene-241.38-mRNA-1	Japonica	NA				Putative far-red impaired response protein
maker-4-augustus-gene-241.41-mRNA-1	Japonica	NA		Os04g0583500	OsR498G0409162700.01.T01	Expansin
maker-4-augustus-gene-241.44-mRNA-1	Japonica	NA		Os04g0583700	OsR498G0409163700.01.T06	FYVE-type domain-containing protein
maker-4-augustus-gene-241.45-mRNA-1	Japonica	NA		Os04g0583800		glycine-rich RNA-binding protein 3, mitochondrial isoform X1
maker-4-augustus-gene-241.58-mRNA-1	Japonica	NA		Os04g0581800	OsR498G0409155200.01.T01	HMA domain-containing protein (Fragment)
maker-4-augustus-gene-241.60-mRNA-1	Japonica	NA		Os04g0582000		p-loop containing nucleoside triphosphate hydrolase superfamily protein
maker-4-augustus-gene-241.63-mRNA-1	Japonica	Japonica		Os04g0582600	OsR498G0409156200.01.T02	p-loop containing nucleoside triphosphate hydrolase superfamily protein
maker-4-augustus-gene-241.66-mRNA-1	Japonica	NA		Os04g0582700		
maker-4-augustus-gene-241.68-mRNA-1	Japonica	NA				RecBCD enzyme subunit RecB, P-loop containing nucleoside triphosphate hydrolase
maker-4-augustus-gene-241.72-mRNA-1	Japonica	NA		Os04g0582900	OsR498G0409160000.01.T01	UvrD-like Helicase, ATP-binding domain, P-loop containing nucleoside triphosphate hydrolase
maker-4-augustus-gene-241.74-mRNA-1	Japonica	NA		Os04g0583200	OsR498G0409161000.01.T02	
maker-4-augustus-gene-241.76-mRNA-1	Japonica	NA		Os03g0365200	OsR498G0306004300.01.T01	Ulp1 protease family, C-terminal catalytic domain containing protein
maker-4-augustus-gene-242.0-mRNA-1	Japonica	NA			OsR498G0409166100.01.T02	RING-type E3 ubiquitin transferase
maker-4-augustus-gene-242.11-mRNA-1	Japonica	NA		Os04g0584800	OsR498G0409167300.01.T01	Trigalactosyldiacylglycerol 1 isoform 1
maker-4-augustus-gene-242.14-mRNA-1	Japonica	NA		Os04g0583900	OsR498G0409164400.01.T02	HTH myb-type domain-containing protein
maker-4-augustus-gene-242.17-mRNA-1	Japonica	Indica	Kinase-TM	Os04g0584050	OsR498G0409164800.01.T01	Clade XII lectin receptor kinase
maker-4-augustus-gene-242.19-mRNA-1	Japonica	Indica		Os02g0685600	OsR498G0409165000.01.T02	Protein-serine/threonine phosphatase
maker-4-augustus-gene-242.21-mRNA-1	Japonica	NA		Os04g0584900	OsR498G0409167600.01.T01	Multiple chloroplast division site
maker-4-augustus-gene-242.24-mRNA-1	Japonica	NA		Os04g0585100	OsR498G0409169200.01.T02	DHHC domain-containing protein
maker-4-augustus-gene-242.30-mRNA-1	Japonica	NA			OsR498G0409169400.01.T03	Glutamate receptor
maker-4-augustus-gene-242.35-mRNA-1	Japonica	NA			OsR498G0409169600.01.T04	Nucleolar complex protein 4
maker-4-augustus-gene-242.4-mRNA-1	Japonica	Indica	Kinase-TM	Os04g0584600	OsR498G0409166900.01.T02	Calcium-dependent protein kinase
maker-4-augustus-gene-242.41-mRNA-1	Japonica	Indica		Os04g0585400	OsR498G0409169800.01.T01	Glycosyltransferase
maker-4-augustus-gene-242.45-mRNA-1	Japonica	NA		Os04g0585600	OsR498G0409170000.01.T01	Kinesin motor domain-containing protein
maker-4-augustus-gene-242.47-mRNA-1	Japonica	NA		Os04g0585700	OsR498G0409170200.01.T02	FLZ-type domain-containing protein (Fragment)
maker-4-augustus-gene-243.46-mRNA-1	Japonica	NA		Os04g0587300	OsR498G0409177900.01.T01	probable purine permease 11
maker-4-augustus-gene-243.48-mRNA-1	Japonica	NA		Os04g0587400	OsR498G0409178100.01.T01	Purine permease
maker-4-augustus-gene-243.50-mRNA-1	Japonica	Indica		Os04g0585900	OsR498G0409171800.01.T01	FLZ-type domain-containing protein (Fragment)
maker-4-augustus-gene-243.52-mRNA-1	Japonica	NA		Os04g0586000	OsR498G0409172200.01.T01	FLZ-type domain-containing protein (Fragment)
maker-4-augustus-gene-244.11-mRNA-1	Japonica	NA		Os04g0588700	OsR498G0409182300.01.T01	ABC transporter C family member 9 like
maker-4-augustus-gene-244.15-mRNA-1	Japonica	NA		Os04g0589200	OsR498G0409183700.01.T02	
maker-4-augustus-gene-244.18-mRNA-1	Japonica	NA		Os04g0589600	OsR498G0409185700.01.T01	
maker-4-augustus-gene-244.21-mRNA-1	Japonica	NA		Os04g0590100	OsR498G0409187300.01.T01	Nucleolar protein 58-like
maker-4-augustus-gene-244.25-mRNA-1	Japonica	NA			OsR498G0409183400.01.T01	SRR1 domain-containing protein
maker-4-augustus-gene-244.27-mRNA-1	Japonica	NA		Os04g0589900	OsR498G0409186400.01.T04	AT-hook motif nuclear-localized protein (Fragment)
maker-4-augustus-gene-244.7-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G0409181900.01.T01	Multidrug resistance-associated protein/mitoxantrone resistance protein, A
maker-4-augustus-gene-245.2-mRNA-1	Japonica	NA			OsR498G0409190300.01.T01	Putative basic-helix-loop-helix transcription factor
maker-4-augustus-gene-245.5-mRNA-1	Japonica	NA		Os04g0591000	OsR498G0409190600.01.T02	29 kDa ribonucleoprotein A, chloroplastic
maker-4-augustus-gene-245.8-mRNA-1	Japonica	NA		Os04g0591100	OsR498G0409191200.01.T01	PLATZ transcription factor
maker-4-augustus-gene-246.51-mRNA-1	Japonica	NA		Os04g0592400	OsR498G0409196100.01.T01	Putative WEB family protein chloroplastic
maker-4-augustus-gene-246.53-mRNA-1	Japonica	NA		Os04g0593400	OsR498G0409198500.01.T01	S-norcochloraurine synthase
maker-4-augustus-gene-246.55-mRNA-1	Japonica	NA		Os04g0593500	OsR498G0409198700.01.T01	S-norcochloraurine synthase
maker-4-augustus-gene-246.61-mRNA-1	Japonica	NA		Os04g0593700	OsR498G0409199100.01.T01	E3 ubiquitin-protein ligase RNF14
maker-4-augustus-gene-246.65-mRNA-1	Japonica	Japonica		Os04g0593800	OsR498G0409199100.01.T01	RBR-type E3 ubiquitin transferase
maker-4-augustus-gene-246.67-mRNA-1	Japonica	Indica		Os04g0592500	OsR498G0409196400.01.T02	Phosphoenolpyruvate carboxykinase (ATP)
maker-4-augustus-gene-246.72-mRNA-1	Japonica	Japonica		Os04g0592600	OsR498G0409196800.01.T01	SNARE associated Golgi protein family
maker-4-augustus-gene-246.76-mRNA-1	Japonica	NA		Os04g0592700	OsR498G0409197600.01.T02	Transducin beta-like protein 3 isoform A
maker-4-augustus-gene-246.81-mRNA-1	Japonica	Indica		Os04g0593200	OsR498G0409198400.01.T01	Transcription factor MYB102
maker-4-augustus-gene-246.83-mRNA-1	Japonica	NA			OsR498G0409199800.01.T01	
maker-4-augustus-gene-246.85-mRNA-1	Japonica	Indica		Os04g0594000	OsR498G0409200000.01.T02	RBR-type E3 ubiquitin transferase
maker-4-augustus-gene-246.90-mRNA-1	Japonica	NA		Os04g0594100	OsR498G0409200600.01.T01	Transcription factor MYB63
maker-4-augustus-gene-247.36-mRNA-1	Japonica	NA		Os04g0594400	OsR498G0409203000.01.T01	Binding partner of ACD11 1
maker-4-augustus-gene-247.40-mRNA-1	Japonica	NA		Os04g0594500	OsR498G0409203400.01.T01	Pectate lyase
maker-4-augustus-gene-247.42-mRNA-1	Japonica	NA				
maker-4-augustus-gene-247.44-mRNA-1	Japonica	NA		Os04g0595100	OsR498G0409205000.01.T01	UV-B-induced protein chloroplastic
maker-4-augustus-gene-247.48-mRNA-1	Japonica	NA		Os04g0595200	OsR498G0409205200.01.T01	Tr-type G domain-containing protein
maker-4-augustus-gene-247.53-mRNA-1	Japonica	Indica		Os04g0595300	OsR498G0100054400.01.T01	Tr-type G domain-containing protein
maker-4-augustus-gene-247.60-mRNA-1	Japonica	NA		Os04g0595700	OsR498G0409206600.01.T01	Phosphoribulokinase
maker-4-augustus-gene-247.62-mRNA-1	Japonica	NA		Os04g0595800	OsR498G0409206800.01.T01	Secretory carrier-associated membrane protein 6
maker-4-augustus-gene-248.29-mRNA-1	Japonica	NA		Os04g0597400	OsR498G0409209500.01.T01	Peptide transporter PTR2

maker-4-augustus-gene-248.40-mRNA-1	Japonica	NA	Kinase-TM	Os04g0598600		Wall-associated kinase
maker-4-augustus-gene-248.42-mRNA-1	Japonica	NA	Kinase-TM	Os04g0598800	OsR498G0409215700.01.T01	Wall-associated receptor kinase-like 22 (Fragment)
maker-4-augustus-gene-248.45-mRNA-1	Japonica	NA		Os04g0598000	OsR498G0409211600.01.T01	Hydrogen peroxide induced protein 1
maker-4-augustus-gene-248.48-mRNA-1	Japonica	NA		Os04g0598300	OsR498G0409213000.01.T01	Probable transcription factor FL
maker-4-augustus-gene-248.50-mRNA-1	Japonica	NA	Kinase-TM	Os04g0599000	OsR498G0409216600.01.T02	Wall-associated kinase
maker-4-augustus-gene-249.0-mRNA-1	Japonica	NA		Os04g0599400	OsR498G0409217700.01.T01	Phospholipid scramblase
maker-4-augustus-gene-249.14-mRNA-1	Japonica	Indica		Os04g0599800	OsR498G0409218900.01.T01	Cell division cycle protein 20
maker-4-augustus-gene-249.18-mRNA-1	Japonica	NA		Os04g0599900	OsR498G0409219300.01.T01	Clathrin interactor EPSIN 1
maker-4-augustus-gene-249.23-mRNA-1	Japonica	Indica		Os02g0700300	OsR498G0409220100.01.T02	Myb family transcription factor APL
maker-4-augustus-gene-249.26-mRNA-1	Japonica	NA			OsR498G0409216800.01.T01	PWWP domain
maker-4-augustus-gene-249.28-mRNA-1	Japonica	NA		Os04g0599300	OsR498G0409217400.01.T02	BHLH domain-containing protein
maker-4-augustus-gene-249.30-mRNA-1	Japonica	NA		Os04g0600100		Potassium voltage-gated channel subfamily H member 3 like
maker-4-augustus-gene-249.32-mRNA-1	Japonica	NA		Os04g0600200	OsR498G0409220400.01.T05	Ubiquinol oxidase
maker-4-augustus-gene-249.36-mRNA-1	Japonica	NA		Os04g0600300	OsR498G0409220600.01.T01	Ubiquinol oxidase
maker-4-augustus-gene-249.41-mRNA-1	Japonica	Indica		Os02g0700700	OsR498G0409221200.01.T03	Protein BREVIS RADIX
maker-4-augustus-gene-249.44-mRNA-1	Japonica	NA			OsR498G0409221600.01.T03	GPCR-type G protein 2
maker-4-augustus-gene-249.50-mRNA-1	Japonica	Indica		Os02g0701300	OsR498G0409222200.01.T03	Growth-regulating factor
maker-4-augustus-gene-249.7-mRNA-1	Japonica	NA				UvrD-helicase domain-containing protein (Fragment)
maker-4-augustus-gene-25.0-mRNA-1	Japonica	NA				NAC domain-containing protein
maker-4-augustus-gene-25.3-mRNA-1	Japonica	NA			OsR498G0407745900.01.T01	Vps54 domain-containing protein (Fragment)
maker-4-augustus-gene-25.9-mRNA-1	Japonica	NA		Os04g0212200	OsR498G0407746300.01.T01	Two-component response regulator ORR42
maker-4-augustus-gene-250.0-mRNA-1	Japonica	Indica		Os04g0602000	OsR498G0409223900.01.T01	
maker-4-augustus-gene-250.19-mRNA-1	Japonica	NA		Os04g0601400	OsR498G0409223600.01.T03	EF-hand domain-containing protein (Fragment)
maker-4-augustus-gene-250.22-mRNA-1	Japonica	Japonica		Os04g0601500	OsR498G0409223800.01.T02	EF-hand domain-containing protein (Fragment)
maker-4-augustus-gene-250.26-mRNA-1	Japonica	NA		Os04g0601700	OsR498G0409224400.01.T03	V-type proton ATPase subunit G
maker-4-augustus-gene-250.28-mRNA-1	Japonica	Indica		Os04g0602200	OsR498G0409226200.01.T01	Spermidine-binding periplasmic protein SpuE
maker-4-augustus-gene-250.3-mRNA-1	Japonica	Indica		Os06g0116600	OsR498G0409224500.01.T01	Multiple organellar RNA editing factor 2 chloroplastic
maker-4-augustus-gene-250.7-mRNA-1	Japonica	Japonica		Os04g0602000	OsR498G0409223900.01.T01	Multiple organellar RNA editing factor 2 chloroplastic
maker-4-augustus-gene-250.9-mRNA-1	Japonica	NA		Os04g0602100	OsR498G0409225900.01.T01	Thylakoid luminal 29 kDa protein chloroplastic
maker-4-augustus-gene-251.54-mRNA-1	Japonica	NA		Os04g0604000	OsR498G0409230400.01.T02	HP domain-containing protein (Fragment)
maker-4-augustus-gene-251.58-mRNA-1	Japonica	NA		Os04g0604200	OsR498G0409230600.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-4-augustus-gene-251.61-mRNA-1	Japonica	NA		Os04g0604300	OsR498G0409231200.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-4-augustus-gene-251.66-mRNA-1	Japonica	Japonica		Os04g0604600	OsR498G0409232200.01.T02	
maker-4-augustus-gene-252.9-mRNA-1	Japonica	NA		Os04g0605500	OsR498G0409237000.01.T02	Calcium-transporting ATPase 9 plasma membrane-type
maker-4-augustus-gene-253.0-mRNA-1	Japonica	NA		Os04g0606800	OsR498G0409242100.01.T01	Putative peptide transport permease protein Mb1314c
maker-4-augustus-gene-253.13-mRNA-1	Japonica	NA			OsR498G0409240600.01.T01	DNA ligase IV
maker-4-augustus-gene-253.18-mRNA-1	Japonica	NA		Os04g0606500	OsR498G0409241000.01.T01	Ubiquitin-specific protease family C19-related protein
maker-4-augustus-gene-253.23-mRNA-1	Japonica	NA		Os04g0606700	OsR498G0409242000.01.T01	
maker-4-augustus-gene-253.27-mRNA-1	Japonica	Indica		Os04g0606900	OsR498G0409242400.01.T03	Putative RNA methyltransferase
maker-4-augustus-gene-253.29-mRNA-1	Japonica	NA		Os04g0607000	OsR498G0409242600.01.T01	probable plastid-lipid-associated protein 8, chloroplastic
maker-4-augustus-gene-253.33-mRNA-1	Japonica	Indica		Os08g0225400	OsR498G0409242800.01.T02	Core-2/l-branching beta-16-N-acetylglucosaminyltransferase family protein
maker-4-augustus-gene-253.38-mRNA-1	Japonica	NA			OsR498G0409243200.01.T03	
maker-4-augustus-gene-253.6-mRNA-1	Japonica	NA				Mannosyl-oligosaccharide 1,2-alpha-mannosidase (Fragment)
maker-4-augustus-gene-255.10-mRNA-1	Japonica	NA			OsR498G0409255000.01.T05	Organic cation/carnitine transporter 7
maker-4-augustus-gene-255.14-mRNA-1	Japonica	NA		Os04g0609600	OsR498G0409256200.01.T02	PPM-type phosphatase domain-containing protein
maker-4-augustus-gene-255.27-mRNA-1	Japonica	NA		Os04g0610000		PHD-type domain-containing protein
maker-4-augustus-gene-255.3-mRNA-1	Japonica	NA		Os04g0609300	OsR498G0409255300.01.T01	Shikimate O-hydroxycinnamoyltransferase
maker-4-augustus-gene-255.5-mRNA-1	Japonica	NA		Os04g0609500	OsR498G0409255700.01.T01	Anthranyl N-benzoyltransferase protein 1
maker-4-augustus-gene-256.30-mRNA-1	Japonica	NA				PHD-type domain-containing protein
maker-4-augustus-gene-256.34-mRNA-1	Japonica	NA			OsR498G0409260900.01.T04	Coproporphyrinogen oxidase
maker-4-augustus-gene-256.39-mRNA-1	Japonica	NA	Kinase-TM	Os04g0610900	OsR498G0409261700.01.T03	Serine/threonine-protein kinase CTR1
maker-4-augustus-gene-256.43-mRNA-1	Japonica	NA		Os04g0611200	OsR498G0409263100.01.T01	Transferase
maker-4-augustus-gene-256.57-mRNA-1	Japonica	NA			OsR498G0409259400.01.T01	Methionine aminopeptidase
maker-4-augustus-gene-256.61-mRNA-1	Japonica	NA		Os04g0610700	OsR498G0409260400.01.T05	Potassium transporter
maker-4-augustus-gene-256.67-mRNA-1	Japonica	NA				26S proteasome non-ATPase regulatory subunit 8 homolog A
maker-4-augustus-gene-256.69-mRNA-1	Japonica	Indica		Os04g0611500	OsR498G0409264000.01.T01	Multiple RNA-binding domain-containing protein 1
maker-4-augustus-gene-257.45-mRNA-1	Japonica	Japonica		Os04g0612000	OsR498G0409265100.01.T01	Ent-beyerene synthase
maker-4-augustus-gene-257.48-mRNA-1	Japonica	NA		Os04g0612700	OsR498G0409267100.01.T01	Cinnamyl alcohol dehydrogenase
maker-4-augustus-gene-257.51-mRNA-1	Japonica	NA		Os04g0612900	OsR498G0409267500.01.T01	Vacuolar ATPase assembly integral membrane protein VMA21 homolog
maker-4-augustus-gene-257.53-mRNA-1	Japonica	NA		Os04g0613200	OsR498G0409268700.01.T01	Polygalacturonase QRT3
maker-4-augustus-gene-257.58-mRNA-1	Japonica	NA		Os04g0613600	OsR498G0409269500.01.T01	40S ribosomal protein S11

maker-4-augustus-gene-257.60-mRNA-1	Japonica	Indica		Os04g0612100	OsR498G0409265400.01.T01	Carbohydrate-binding X8 domain superfamily protein, putative
maker-4-augustus-gene-257.63-mRNA-1	Japonica	NA		Os04g0612600	OsR498G0409266800.01.T01	Coatomer subunit epsilon
maker-4-augustus-gene-257.67-mRNA-1	Japonica	NA		Os04g0613000	OsR498G0409267800.01.T01	Zinc transporter ZIP
maker-4-augustus-gene-257.70-mRNA-1	Japonica	NA		Os04g0613300	OsR498G0409269000.01.T01	Cysteine synthase-like isoform X1
maker-4-augustus-gene-257.72-mRNA-1	Japonica	NA		Os04g0613400	OsR498G0409269200.01.T03	Cell differentiation
maker-4-augustus-gene-257.80-mRNA-1	Japonica	NA				UDP-N-acetylglucosamine diphosphorylase 2
maker-4-augustus-gene-257.85-mRNA-1	Japonica	NA		Os04g0613800	OsR498G0409270400.01.T03	MBD domain-containing protein (Fragment)
maker-4-augustus-gene-258.29-mRNA-1	Japonica	NA		Os04g0614000	OsR498G0409271500.01.T01	Peroxisomal 2 4-dienoyl-CoA reductase
maker-4-augustus-gene-258.30-mRNA-1	Japonica	NA		Os04g0614100		Protein TRANSPARENT TESTA 16
maker-4-augustus-gene-258.37-mRNA-1	Japonica	NA			OsR498G0409273100.01.T02	
maker-4-augustus-gene-258.41-mRNA-1	Japonica	Japonica		Os04g0614500	OsR498G0202838200.01.T01	Adenosylmethionine aminotransferase1
maker-4-augustus-gene-258.50-mRNA-1	Japonica	NA			OsR498G0409274700.01.T01	Myosin heavy chain, skeletal muscle
maker-4-augustus-gene-258.56-mRNA-1	Japonica	NA			OsR498G0409276700.01.T07	
maker-4-augustus-gene-258.61-mRNA-1	Japonica	NA		Os04g0615100	OsR498G0409276900.01.T04	Lecithine-cholesterol acyltransferase-like 4
maker-4-augustus-gene-258.71-mRNA-1	Japonica	NA		Os04g0615200	OsR498G0409277400.01.T01	Putative cysteine-rich transmembrane CYSTM domain-containing protein
maker-4-augustus-gene-259.0-mRNA-1	Japonica	Indica		Os04g0615500	OsR498G0409277900.01.T02	APO protein 1, chloroplastic
maker-4-augustus-gene-259.11-mRNA-1	Japonica	NA		Os04g0615900		protein FAR-RED IMPAIRED RESPONSE 1-like
maker-4-augustus-gene-259.13-mRNA-1	Japonica	NA		Os04g0616000	OsR498G0409280200.01.T02	
maker-4-augustus-gene-259.18-mRNA-1	Japonica	Japonica		Os04g0616100	OsR498G0409280600.01.T01	sperm-associated antigen 1A isoform X2
maker-4-augustus-gene-259.2-mRNA-1	Japonica	Indica		Os04g0615600	OsR498G0409278300.01.T01	HMA domain-containing protein (Fragment)
maker-4-augustus-gene-259.21-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os08g0203700	OsR498G0409280800.01.T01	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-259.22-mRNA-1	Japonica	Indica		Os08g0202300	OsR498G0409280800.01.T06	Leucine-rich repeat transmembrane protein kinase
maker-4-augustus-gene-259.29-mRNA-1	Japonica	Indica	LRR-TM	Os04g0616700	OsR498G0409282000.01.T05	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-259.31-mRNA-1	Japonica	Japonica	Kinase	Os04g0616400	OsR498G0409282400.01.T01	Leucine-rich repeat transmembrane protein kinase
maker-4-augustus-gene-259.33-mRNA-1	Japonica	Indica	LRR-TM	Os04g0616700	OsR498G0409282200.01.T05	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-259.35-mRNA-1	Japonica	NA	Kinase-TM	Os04g0616600	OsR498G0409282400.01.T01	Leucine-rich repeat transmembrane protein kinase
maker-4-augustus-gene-259.37-mRNA-1	Japonica	Indica	LRR-TM	Os04g0616700	OsR498G0409282400.01.T05	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-259.4-mRNA-1	Japonica	NA		Os04g0615700	OsR498G0409279300.01.T01	Argonaute 2
maker-4-augustus-gene-259.6-mRNA-1	Japonica	NA			OsR498G0409279500.01.T01	Argonaute protein group
maker-4-augustus-gene-259.9-mRNA-1	Japonica	NA			OsR498G0409277800.01.T01	Glycosyltransferase
maker-4-augustus-gene-260.11-mRNA-1	Japonica	Japonica		Os04g0618200	OsR498G0409288100.01.T02	Probable UDP-arabinose 4-epimerase 2
maker-4-augustus-gene-260.17-mRNA-1	Japonica	NA		Os04g0618600	OsR498G0409288900.01.T04	Phytochrome interacting factor 4
maker-4-augustus-gene-260.19-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os04g0616700	OsR498G0409282800.01.T02	Leucine-rich repeat transmembrane protein kinase
maker-4-augustus-gene-260.21-mRNA-1	Japonica	NA		Os04g0617600	OsR498G0409286200.01.T03	Peroxisome biogenesis protein 6
maker-4-augustus-gene-260.24-mRNA-1	Japonica	NA			OsR498G0409287000.01.T01	
maker-4-augustus-gene-260.26-mRNA-1	Japonica	Indica		Os04g0617900	OsR498G0409287800.01.T01	Germin-like protein 4-1
maker-4-augustus-gene-260.7-mRNA-1	Japonica	NA		Os04g0617800	OsR498G0409287500.01.T01	Imidazoleglycerol-phosphate dehydratase
maker-4-augustus-gene-261.12-mRNA-1	Japonica	NA	Kinase-TM	Os04g0619400	OsR498G0409292800.01.T02	Serine/threonine-protein kinase receptor
maker-4-augustus-gene-261.7-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os04g0618700	OsR498G0409289200.01.T01	LRR receptor-like protein serine/threonine-protein kinase FLS2
maker-4-augustus-gene-262.34-mRNA-1	Japonica	Indica		Os04g0620200	OsR498G0409295700.01.T01	
maker-4-augustus-gene-262.38-mRNA-1	Japonica	Indica		Os04g0620400	OsR498G0409296300.01.T01	Serine/threonine-protein phosphatase 6 regulatory subunit 3
maker-4-augustus-gene-262.43-mRNA-1	Japonica	NA		Os04g0620700	OsR498G0409296700.01.T01	Nucleolin
maker-4-augustus-gene-262.49-mRNA-1	Japonica	NA	CC-NBS-TM			Disease Resistance RGA protein (Pi69)
maker-4-augustus-gene-262.52-mRNA-1	Japonica	Japonica	NBS-TM	Os04g0621500	OsR498G0409298500.01.T01	NBS-type RGA protein (Fragment)
maker-4-augustus-gene-262.55-mRNA-1	Japonica	NA			OsR498G0409299100.01.T01	Putative NB-ARC domain-containing protein (Fragment)
maker-4-augustus-gene-262.59-mRNA-1	Japonica	NA				ABC transporter C family member 2
maker-4-augustus-gene-262.66-mRNA-1	Japonica	NA		Os04g0620600	OsR498G0409296600.01.T01	AvrRpt-cleavage domain-containing protein (Fragment)
maker-4-augustus-gene-262.68-mRNA-1	Japonica	NA			OsR498G0409299400.01.T02	
maker-4-augustus-gene-262.70-mRNA-1	Japonica	Japonica		Os04g0622000	OsR498G0409305600.01.T01	Transcription factor GTE3, chloroplastic
maker-4-augustus-gene-263.42-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os04g0622600	OsR498G0409301900.01.T01	BED-type domain-containing protein
maker-4-augustus-gene-263.44-mRNA-1	Japonica	NA		Os04g0623500	OsR498G0409307700.01.T01	(S)-2-hydroxy-acid oxidase
maker-4-augustus-gene-263.51-mRNA-1	Japonica	NA				(S)-2-hydroxy-acid oxidase
maker-4-augustus-gene-263.57-mRNA-1	Japonica	NA		Os04g0623700	OsR498G0409308100.01.T01	(S)-2-hydroxy-acid oxidase
maker-4-augustus-gene-263.59-mRNA-1	Japonica	NA		Os04g0623800	OsR498G0409308500.01.T01	Aminomethyltransferase
maker-4-augustus-gene-263.62-mRNA-1	Japonica	Japonica		Os04g0622700	OsR498G0409302400.01.T01	Transcription factor GTE3, chloroplastic
maker-4-augustus-gene-263.63-mRNA-1	Japonica	NA				Peptidase A1 domain-containing protein
maker-4-augustus-gene-263.64-mRNA-1	Japonica	NA		Os01g0178600	OsR498G0100265100.01.T01	Peptidase A1 domain-containing protein
maker-4-augustus-gene-263.65-mRNA-1	Japonica	NA		Os04g0623100	OsR498G0409305600.01.T01	Transcription factor GTE3, chloroplastic
maker-4-augustus-gene-263.90-mRNA-1	Japonica	NA		Os04g0623300	OsR498G0409306200.01.T05	Non-specific polyamine oxidase
maker-4-augustus-gene-263.95-mRNA-1	Japonica	NA		Os04g0623400	OsR498G0409307000.01.T05	Exonuclease DPD1 chloroplastic/mitochondrial
maker-4-augustus-gene-264.0-mRNA-1	Japonica	NA		Os04g0624300	OsR498G0409310700.01.T01	Copper-containing polyphenol oxidase

maker-4-augustus-gene-264.1-mRNA-1	Japonica	NA		Os04g0625100	OsR498G0409313500.01.T01	Hepatoma-derived growth factor-related protein 2
maker-4-augustus-gene-264.10-mRNA-1	Japonica	NA		Os04g0624600	OsR498G0409312000.01.T01	Starch synthase IIIb
maker-4-augustus-gene-264.16-mRNA-1	Japonica	NA		Os04g0624800	OsR498G0409312400.01.T01	Binding partner of like (Fragment)
maker-4-augustus-gene-264.18-mRNA-1	Japonica	Indica		Os08g0190700	OsR498G0409312800.01.T01	CAP-Gly domain-containing linker protein 1-like
maker-4-augustus-gene-264.20-mRNA-1	Japonica	NA			OsR498G0409315200.01.T02	NopRA1 domain-containing protein
maker-4-augustus-gene-264.3-mRNA-1	Japonica	Indica		Os04g0625200	OsR498G0409314500.01.T02	1-acyl-sn-glycerol-3-phosphate acyltransferase
maker-4-augustus-gene-264.6-mRNA-1	Japonica	NA		Os04g0624000	OsR498G0409310000.01.T03	Autophagy-related protein 8B
maker-4-augustus-gene-265.14-mRNA-1	Japonica	NA		Os04g0626000	OsR498G0409317400.01.T02	AT hook motif family protein
maker-4-augustus-gene-265.17-mRNA-1	Japonica	NA		Os04g0626400	OsR498G0409317800.01.T02	CHL-Zea mays Chloroplastic lipocalin
maker-4-augustus-gene-265.20-mRNA-1	Japonica	NA		Os04g0626600	OsR498G0409319200.01.T02	FBD domain-containing protein (Fragment)
maker-4-augustus-gene-265.21-mRNA-1	Japonica	NA		Os04g0626700	OsR498G0409319400.01.T01	FBD domain-containing protein
maker-4-augustus-gene-265.4-mRNA-1	Japonica	NA		Os04g0625900	OsR498G0409317100.01.T02	Polyadenylate-binding protein-interacting protein 3
maker-4-augustus-gene-265.8-mRNA-1	Japonica	NA		Os04g0626900	OsR498G0409319500.01.T01	AP-5 complex subunit zeta-1
maker-4-augustus-gene-266.0-mRNA-1	Japonica	NA		Os04g0627300	OsR498G0409321700.01.T01	
maker-4-augustus-gene-266.12-mRNA-1	Japonica	Indica		Os04g0629000	OsR498G0409325500.01.T04	Peroxisome bioproteins protein 22
maker-4-augustus-gene-266.17-mRNA-1	Japonica	NA		Os04g0629200	OsR498G0409325900.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-4-augustus-gene-266.19-mRNA-1	Japonica	NA		Os04g0627000	OsR498G0409319800.01.T05	Homeobox-leucine zipper protein MERISTEM L1
maker-4-augustus-gene-266.27-mRNA-1	Japonica	NA			OsR498G0409322200.01.T01	ROP-interactive CRIB motif-containing protein 10
maker-4-augustus-gene-266.3-mRNA-1	Japonica	NA			OsR498G0409323900.01.T04	Tetratricopeptide repeat-like superfamily protein, putative
maker-4-augustus-gene-266.31-mRNA-1	Japonica	NA		Os04g0628000	OsR498G0409323600.01.T02	APO protein 4 mitochondrial
maker-4-augustus-gene-266.34-mRNA-1	Japonica	NA		Os04g0628400		Zinc finger BED domain-containing protein DAYSLEEPER
maker-4-augustus-gene-266.36-mRNA-1	Japonica	NA		Os04g0628600	OsR498G0409324800.01.T01	UHRF1-binding protein 1-like
maker-4-augustus-gene-266.4-mRNA-1	Japonica	Indica		Os04g0628200	OsR498G0409323900.01.T05	Peroxidase
maker-4-augustus-gene-266.44-mRNA-1	Japonica	NA		Os04g0629100	OsR498G0409325800.01.T01	Histone-lysine N-methyltransferase ATXR2
maker-4-augustus-gene-266.49-mRNA-1	Japonica	NA		Os04g0629300	OsR498G0409326200.01.T02	Putative SNF2-domain/RING finger domain/helicase domain protein
maker-4-augustus-gene-267.122-mRNA-1	Japonica	NA		Os04g0629700	OsR498G0409327400.01.T01	Kinesin-like protein KIN-14H
maker-4-augustus-gene-267.40-mRNA-1	Japonica	NA			OsR498G0409326900.01.T03	
maker-4-augustus-gene-267.42-mRNA-1	Japonica	NA		Os04g0630000	OsR498G0409327700.01.T05	
maker-4-augustus-gene-267.48-mRNA-1	Japonica	Japonica		Os04g0630100	OsR498G0409328500.01.T03	Epimerase domain-containing protein
maker-4-augustus-gene-267.51-mRNA-1	Japonica	NA		Os04g0630300	OsR498G0409328500.01.T03	Epimerase domain-containing protein (Fragment)
maker-4-augustus-gene-267.52-mRNA-1	Japonica	NA		Os04g0630400	OsR498G0409328900.01.T01	Epimerase domain-containing protein (Fragment)
maker-4-augustus-gene-268.0-mRNA-1	Japonica	Indica	Kinase-TM	Os04g0633800	OsR498G0409337500.01.T02	Serine/threonine-protein kinase
maker-4-augustus-gene-268.22-mRNA-1	Japonica	Indica	Kinase-TM	Os04g0632700	OsR498G0409334800.01.T01	Serine/threonine-protein kinase
maker-4-augustus-gene-268.25-mRNA-1	Japonica	Japonica	Kinase-TM	Os04g0633200	OsR498G0409335600.01.T01	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-268.31-mRNA-1	Japonica	NA	Kinase-TM	Os04g0633300	OsR498G0409336200.01.T01	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-269.48-mRNA-1	Japonica	NA			OsR498G0409339300.01.T01	
maker-4-augustus-gene-269.51-mRNA-1	Japonica	NA		Os04g0634700	OsR498G0409339700.01.T05	Diacylglycerol kinase
maker-4-augustus-gene-269.58-mRNA-1	Japonica	NA		Os04g0635900	OsR498G0409343500.01.T04	Double-strand break repair protein MRE11
maker-4-augustus-gene-269.65-mRNA-1	Japonica	Indica		Os04g0636400	OsR498G0409345100.01.T02	Aspergillus nuclease S(1)
maker-4-augustus-gene-269.69-mRNA-1	Japonica	NA		Os04g0636500	OsR498G0409345300.01.T01	Phototropic-responsive NPH3 family protein
maker-4-augustus-gene-269.71-mRNA-1	Japonica	Indica	Kinase-TM	Os01g0783800	OsR498G0409339200.01.T03	Cysteine rich receptor like kinase
maker-4-augustus-gene-269.77-mRNA-1	Japonica	NA		Os03g0643100	OsR498G0713408500.01.T01	WAC domain-containing protein
maker-4-augustus-gene-269.90-mRNA-1	Japonica	NA		Os04g0636600	OsR498G0409345600.01.T01	Formation of crista junctions protein 1
maker-4-augustus-gene-269.95-mRNA-1	Japonica	NA		Os04g0636700	OsR498G0409345800.01.T01	CID domain
maker-4-augustus-gene-269.98-mRNA-1	Japonica	Japonica		Os04g0636800	OsR498G0409346000.01.T01	UBP1-associated protein 2A
maker-4-augustus-gene-270.52-mRNA-1	Japonica	NA			OsR498G0409347100.01.T04	Transcription factor TGA4
maker-4-augustus-gene-270.56-mRNA-1	Japonica	NA			OsR498G0409347500.01.T01	Epidermal patterning factor 2
maker-4-augustus-gene-270.58-mRNA-1	Japonica	Indica		Os08g0175300	OsR498G0409347700.01.T03	White seedling2
maker-4-augustus-gene-270.64-mRNA-1	Japonica	NA		Os04g0639200	OsR498G0409351100.01.T01	Stress enhanced protein 2, chloroplastic
maker-4-augustus-gene-270.67-mRNA-1	Japonica	NA		Os04g0638100	OsR498G0409348400.01.T02	Anthocyanin 5-aromatic acyltransferase
maker-4-augustus-gene-270.68-mRNA-1	Japonica	Indica		Os04g0638100	OsR498G0409349000.01.T01	Anthocyanin 5-aromatic acyltransferase
maker-4-augustus-gene-270.69-mRNA-1	Japonica	NA		Os04g0638700	OsR498G0409349400.01.T01	
maker-4-augustus-gene-270.82-mRNA-1	Japonica	Indica		Os04g0639300	OsR498G0409351400.01.T02	Transmembrane protein
maker-4-augustus-gene-271.33-mRNA-1	Japonica	Indica		Os04g0640200	OsR498G0409353100.01.T02	Biogenesis of lysosome-related organelles complex 1 subunit 1
maker-4-augustus-gene-271.35-mRNA-1	Japonica	Japonica		Os04g0640500	OsR498G0409353700.01.T04	Putative aarF domain-containing protein kinase, chloroplastic isoform A
maker-4-augustus-gene-271.38-mRNA-1	Japonica	NA		Os04g0640800	OsR498G0409355100.01.T01	Programmed cell death protein 2
maker-4-augustus-gene-271.41-mRNA-1	Japonica	NA		Os04g0641000	OsR498G0409355500.01.T02	DNA-directed RNA polymerase subunit beta
maker-4-augustus-gene-271.45-mRNA-1	Japonica	NA		Os04g0641200	OsR498G0409356300.01.T01	Pectinesterase
maker-4-augustus-gene-271.50-mRNA-1	Japonica	NA	NBS	Os04g0640600	OsR498G0409354200.01.T01	Shikimate kinase
maker-4-augustus-gene-271.56-mRNA-1	Japonica	NA		Os04g0640700	OsR498G0409354400.01.T01	Beta-xylosidase/alpha-L-arabinofuranosidase 2
maker-4-augustus-gene-271.60-mRNA-1	Japonica	NA		Os04g0641400	OsR498G0409356800.01.T05	Binding partner of ACD11 1 isoform A

maker-4-augustus-gene-272.0-mRNA-1	Japonica	NA				
maker-4-augustus-gene-272.10-mRNA-1	Japonica	NA				Protein kinase domain-containing protein
maker-4-augustus-gene-272.15-mRNA-1	Japonica	Indica		Os03g0171300	OsR498G0409357800.01.T01	Transcription factor ILI3
maker-4-augustus-gene-272.17-mRNA-1	Japonica	Indica		Os04g0459000	OsR498G0409358600.01.T01	ABC transporter B family member 19
maker-4-augustus-gene-272.2-mRNA-1	Japonica	NA			OsR498G0409360500.01.T01	Microtubule-associated protein RP/EB family member
maker-4-augustus-gene-272.20-mRNA-1	Japonica	NA			OsR498G0409361000.01.T01	
maker-4-augustus-gene-272.6-mRNA-1	Japonica	NA			OsR498G0409361500.01.T01	Cullin domain-containing protein
maker-4-augustus-gene-272.8-mRNA-1	Japonica	NA		Os04g0643000	OsR498G0409362700.01.T01	
maker-4-augustus-gene-273.0-mRNA-1	Japonica	NA		Os04g0643300	OsR498G0409364100.01.T01	Beta-ketoacyl-[acyl-carrier-protein] synthase III
maker-4-augustus-gene-273.13-mRNA-1	Japonica	Japonica		Os04g0643800	OsR498G0409364900.01.T01	
maker-4-augustus-gene-273.17-mRNA-1	Japonica	NA		Os04g0644000		Plasma membrane fusion protein
maker-4-augustus-gene-273.19-mRNA-1	Japonica	NA			OsR498G0409367300.01.T01	NEDD8 ultimate buster
maker-4-augustus-gene-273.25-mRNA-1	Japonica	NA		Os04g0644700	OsR498G0409368700.01.T03	Coatomer subunit epsilon
maker-4-augustus-gene-273.29-mRNA-1	Japonica	NA			OsR498G0409368900.01.T01	Chloride channel clc
maker-4-augustus-gene-273.35-mRNA-1	Japonica	Indica		Os08g0300200	OsR498G0409369300.01.T02	Synaptotagmin-5
maker-4-augustus-gene-273.41-mRNA-1	Japonica	NA			OsR498G0409363800.01.T03	Glutamyl-tRNA(Gln) amidotransferase subunit A, chloroplastic/mitochondrial
maker-4-augustus-gene-273.46-mRNA-1	Japonica	NA		Os04g0643500	OsR498G0409364400.01.T01	Flavonol synthase/flavanone 3-hydroxylase
maker-4-augustus-gene-273.48-mRNA-1	Japonica	NA		Os04g0644600	OsR498G0409368200.01.T02	AB hydrolase-1 domain-containing protein
maker-4-augustus-gene-273.5-mRNA-1	Japonica	NA			OsR498G0409364500.01.T01	
maker-4-augustus-gene-273.54-mRNA-1	Japonica	NA				SPOC domain-containing protein
maker-4-augustus-gene-273.7-mRNA-1	Japonica	NA			OsR498G0409364500.01.T02	Cyclic nucleotide-gated ion channel
maker-4-augustus-gene-274.26-mRNA-1	Japonica	NA			OsR498G0409370100.01.T02	Tetratricopeptide repeat (TPR)-like superfamily protein
maker-4-augustus-gene-274.32-mRNA-1	Japonica	NA				thiamine-repressible mitochondrial transport protein THI74-like
maker-4-augustus-gene-274.37-mRNA-1	Japonica	Indica		Os01g0857600	OsR498G0409372000.01.T01	
maker-4-augustus-gene-274.38-mRNA-1	Japonica	NA			OsR498G0102369600.01.T01	
maker-4-augustus-gene-275.12-mRNA-1	Japonica	NA		Os04g0648700	OsR498G0409380900.01.T01	ERCC4 domain-containing protein
maker-4-augustus-gene-275.17-mRNA-1	Japonica	NA		Os04g0647800	OsR498G0409377600.01.T01	Glycerol kinase
maker-4-augustus-gene-275.19-mRNA-1	Japonica	NA		Os04g0648500	OsR498G0409379800.01.T02	BRCA1-associated protein isoform A
maker-4-augustus-gene-275.3-mRNA-1	Japonica	NA	LRR-TM		OsR498G0409378300.01.T01	LRR binding protein
maker-4-augustus-gene-276.29-mRNA-1	Japonica	NA			OsR498G0409381900.01.T06	E3 ubiquitin-protein ligase MBR2
maker-4-augustus-gene-276.34-mRNA-1	Japonica	NA			OsR498G0409385900.01.T09	AP2-like ethylene-responsive transcription factor TOE3 (Fragment)
maker-4-augustus-gene-276.41-mRNA-1	Japonica	NA		Os04g0649200	OsR498G0409386900.01.T01	Filament-like plant protein 4
maker-4-augustus-gene-276.45-mRNA-1	Japonica	NA		Os04g0649400	OsR498G0409387800.01.T01	Homeobox domain
maker-4-augustus-gene-276.47-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os04g0649700	OsR498G0409389000.01.T01	Putative inactive receptor kinase
maker-4-augustus-gene-277.0-mRNA-1	Japonica	NA		Os04g0650500	OsR498G0409391900.01.T01	Protein COFACTOR ASSEMBLY OF COMPLEX C SUBUNIT B CCB4, chloroplastic
maker-4-augustus-gene-277.10-mRNA-1	Japonica	Japonica	CC-Kinase-TM	Os04g0651500	OsR498G0409395900.01.T01	Wall-associated receptor kinase 3
maker-4-augustus-gene-277.14-mRNA-1	Japonica	Indica		Os04g0670200	OsR498G0409389600.01.T01	Oryzain alpha chain like
maker-4-augustus-gene-277.20-mRNA-1	Japonica	NA		Os04g0650200	OsR498G0409390800.01.T01	GDSL esterase/lipase
maker-4-augustus-gene-277.22-mRNA-1	Japonica	NA			OsR498G0409391400.01.T01	Glycosyltransferases
maker-4-augustus-gene-277.24-mRNA-1	Japonica	NA		Os04g0650600	OsR498G0409392200.01.T02	Small RNA degrading nuclease 1
maker-4-augustus-gene-277.30-mRNA-1	Japonica	NA			OsR498G0409394400.01.T05	alpha-N-acetylglucosaminidase isoform X1
maker-4-augustus-gene-277.33-mRNA-1	Japonica	NA			OsR498G0409394400.01.T07	Alpha-N-acetylglucosaminidase family / NAGLU family
maker-4-augustus-gene-277.37-mRNA-1	Japonica	NA			OsR498G0409396800.01.T01	FBD domain-containing protein
maker-4-augustus-gene-277.7-mRNA-1	Japonica	NA		Os04g0650800	OsR498G0409394100.01.T01	D-3-phosphoglycerate dehydrogenase
maker-4-augustus-gene-279.0-mRNA-1	Japonica	NA		Os04g0653300	OsR498G0409403100.01.T01	Auxin-responsive protein (Fragment)
maker-4-augustus-gene-279.14-mRNA-1	Japonica	NA	Kinase-TM	Os04g0654600	OsR498G0409406500.01.T01	probable receptor-like serine/threonine-protein kinase At5g57670
maker-4-augustus-gene-279.16-mRNA-1	Japonica	NA		Os04g0654700	OsR498G0409407100.01.T02	COP9 signalosome complex subunit
maker-4-augustus-gene-279.2-mRNA-1	Japonica	Indica		Os09g0558900	OsR498G0409404300.01.T02	NADPH--cytochrome P450 reductase
maker-4-augustus-gene-279.21-mRNA-1	Japonica	NA	Kinase-TM	Os04g0655300	OsR498G0409409300.01.T01	G-type lectin S-receptor-like serine/threonine-protein kinase
maker-4-augustus-gene-279.23-mRNA-1	Japonica	Indica	Kinase-TM	Os04g0655400	OsR498G0409409600.01.T01	G-type lectin S-receptor-like serine/threonine-protein kinase
maker-4-augustus-gene-279.9-mRNA-1	Japonica	NA		Os04g0653600	OsR498G0409405100.01.T01	AP2-like ethylene-responsive transcription factor AIL6
maker-4-augustus-gene-28.48-mRNA-1	Japonica	NA				
maker-4-augustus-gene-280.0-mRNA-1	Japonica	Indica	Kinase-TM	Os04g0655300	OsR498G0409410100.01.T01	Mitogen-activated protein kinase kinase kinase
maker-4-augustus-gene-280.19-mRNA-1	Japonica	NA		Os04g0656800	OsR498G0409416200.01.T01	Peroxidase
maker-4-augustus-gene-280.2-mRNA-1	Japonica	NA		Os04g0655600	OsR498G0409410300.01.T03	
maker-4-augustus-gene-281.37-mRNA-1	Japonica	NA			OsR498G0409417100.01.T02	
maker-4-augustus-gene-281.39-mRNA-1	Japonica	NA		Os04g0657500	OsR498G0409417900.01.T01	Lipase class 3-like
maker-4-augustus-gene-281.42-mRNA-1	Japonica	NA		Os04g0657900		Fortune-1
maker-4-augustus-gene-281.44-mRNA-1	Japonica	NA		Os04g0658000	OsR498G0409418900.01.T03	Glucose-6-phosphate 1-epimerase
maker-4-augustus-gene-281.48-mRNA-1	Japonica	Japonica	Kinase-TM	Os04g0658700	OsR498G0409421500.01.T01	Similar to putative receptor protein kinase from A. thaliana
maker-4-augustus-gene-281.51-mRNA-1	Japonica	NA		Os04g0657100	OsR498G0409417400.01.T01	Farnesyl pyrophosphate synthetase

maker-4-augustus-gene-281.55-mRNA-1	Japonica	NA		Os04g0657300	OsR498G0409417800.01.T01	Farnesyl pyrophosphate synthase
maker-4-augustus-gene-281.60-mRNA-1	Japonica	Japonica		Os04g0658200	OsR498G0613102200.01.T03	MAGUK p55 subfamily member 4 like
maker-4-augustus-gene-281.62-mRNA-1	Japonica	NA				Ribulose biphosphate carboxylase/oxygenase activase
maker-4-augustus-gene-282.24-mRNA-1	Japonica	NA		Os04g0659000	OsR498G0409423900.01.T02	
maker-4-augustus-gene-282.26-mRNA-1	Japonica	NA		Os04g0659400	OsR498G0409425700.01.T06	ENT domain-containing protein
maker-4-augustus-gene-282.33-mRNA-1	Japonica	Indica		Os04g0470700	OsR498G0409426500.01.T01	Solute carrier family 36
maker-4-augustus-gene-282.44-mRNA-1	Japonica	NA		Os04g0660400	OsR498G0409428700.01.T02	UDP-arabinopyranose mutase 5
maker-4-augustus-gene-282.45-mRNA-1	Japonica	NA		Os04g0659100	OsR498G0409423800.01.T04	Chloroplast glutamine synthetase
maker-4-augustus-gene-282.51-mRNA-1	Japonica	Indica		Os04g0659150	OsR498G0409424400.01.T01	Bifunctional lysine-specific demethylase and histidyl-hydroxylase
maker-4-augustus-gene-282.54-mRNA-1	Japonica	Indica		Os04g0659500	OsR498G0409426000.01.T02	Protein-serine/threonine phosphatase
maker-4-augustus-gene-282.59-mRNA-1	Japonica	NA		Os04g0660200	OsR498G0409428400.01.T01	probable serine/threonine-protein kinase abkC
maker-4-augustus-gene-283.0-mRNA-1	Japonica	NA		Os04g0660900	OsR498G0409430500.01.T01	Putative proton-dependent oligopeptide transporter family, major facilitator
maker-4-augustus-gene-283.11-mRNA-1	Japonica	Indica		Os04g0661900	OsR498G0409432700.01.T01	26S proteasome regulatory particle non-ATPase subunit 8
maker-4-augustus-gene-283.17-mRNA-1	Japonica	NA		Os04g0662000	OsR498G0409432900.01.T03	BSD domain-containing protein (Fragment)
maker-4-augustus-gene-283.19-mRNA-1	Japonica	NA	Kinase-TM OsMAPKKKεlon	Os04g0660500	OsR498G0409429000.01.T02	MAP3K epsilon protein kinase 1
maker-4-augustus-gene-283.2-mRNA-1	Japonica	NA			OsR498G0409432100.01.T03	Molybdopter in molybdenumtransferase
maker-4-augustus-gene-283.25-mRNA-1	Japonica	Indica		Os04g0660600	OsR498G0409429200.01.T01	V-type proton ATPase subunit e1 like
maker-4-augustus-gene-283.28-mRNA-1	Japonica	NA			OsR498G0409430800.01.T01	Putative heavy metal-associated domain, HMA
maker-4-augustus-gene-283.30-mRNA-1	Japonica	NA		Os04g0661200	OsR498G0409431000.01.T01	Inositol-pentakisphosphate 2-kinase
maker-4-augustus-gene-283.34-mRNA-1	Japonica	NA		Os04g0661300	OsR498G0409431200.01.T02	Myosin-H heavy chain isoform 1
maker-4-augustus-gene-283.39-mRNA-1	Japonica	NA		Os04g0661700	OsR498G0409432400.01.T02	Serine/arginine repetitive matrix protein 2 isoform X2
maker-4-augustus-gene-283.4-mRNA-1	Japonica	NA			OsR498G0409432100.01.T05	Molybdopter in molybdenumtransferase
maker-4-augustus-gene-283.49-mRNA-1	Japonica	NA			OsR498G0409433200.01.T03	U3 small nucleolar ribonucleoprotein protein IMP3
maker-4-augustus-gene-283.52-mRNA-1	Japonica	NA			OsR498G0409435200.01.T01	Feruloyl-CoA 6-hydroxylase
maker-4-augustus-gene-284.11-mRNA-1	Japonica	Indica		Os04g0662700	OsR498G0409435600.01.T02	GTP cyclohydrolase 1
maker-4-augustus-gene-284.14-mRNA-1	Japonica	NA		Os04g0662900	OsR498G0409436400.01.T03	Repressor of RNA polymerase III transcription
maker-4-augustus-gene-285.14-mRNA-1	Japonica	NA		Os06g0323100	OsR498G0409452300.01.T01	Indole-3-acetate O-methyltransferase
maker-4-augustus-gene-285.23-mRNA-1	Japonica	NA		Os04g0665400	OsR498G0409447000.01.T02	Putative tubulin GTPase
maker-4-augustus-gene-285.25-mRNA-1	Japonica	NA		Os04g0665600	OsR498G0409448200.01.T02	HTH myb-type domain-containing protein (Fragment)
maker-4-augustus-gene-285.3-mRNA-1	Japonica	Indica		Os04g0665500	OsR498G0409447900.01.T02	SWIB/MDM2 domain containing protein
maker-4-augustus-gene-286.0-mRNA-1	Japonica	Indica		Os06g0323100	OsR498G0409451900.01.T01	Indole-3-acetate O-methyltransferase
maker-4-augustus-gene-286.2-mRNA-1	Japonica	Indica		Os06g0323100	OsR498G0409452300.01.T01	Indole-3-acetate O-methyltransferase 1
maker-4-augustus-gene-286.20-mRNA-1	Japonica	NA		Os04g0666800	OsR498G0409453400.01.T01	Dirigent protein (Fragment)
maker-4-augustus-gene-286.22-mRNA-1	Japonica	NA		Os04g0666900	OsR498G0409453600.01.T03	Kinesin-like calmodulin-binding protein (ZWICHEL) isoform 4
maker-4-augustus-gene-286.29-mRNA-1	Japonica	Indica		Os04g0667000	OsR498G0409454200.01.T02	Tafazzin family protein (Fragment)
maker-4-augustus-gene-286.33-mRNA-1	Japonica	NA		Os04g0667400	OsR498G0409455200.01.T01	Flavonol synthase/flavanone 3-hydroxylase
maker-4-augustus-gene-286.35-mRNA-1	Japonica	NA			OsR498G0409455400.01.T03	Ubiquitin carboxyl-terminal hydrolase
maker-4-augustus-gene-286.41-mRNA-1	Japonica	NA		Os04g0667800	OsR498G0409456400.01.T05	UBC core domain-containing protein (Fragment)
maker-4-augustus-gene-286.6-mRNA-1	Japonica	NA		Os04g0667200	OsR498G0409454700.01.T03	Putative flavonol synthase/flavanone 3-hydroxylase
maker-4-augustus-gene-286.7-mRNA-1	Japonica	Indica		Os04g0667600	OsR498G0409455900.01.T01	heavy metal-associated isoprenylated plant protein 3
maker-4-augustus-gene-286.9-mRNA-1	Japonica	NA			OsR498G0409456100.01.T03	Actin-related protein 8
maker-4-augustus-gene-287.102-mRNA-1	Japonica	Indica		Os04g0670400	OsR498G0409462600.01.T04	SEC-C motif-containing protein / OTU-like cysteine protease family protein
maker-4-augustus-gene-287.108-mRNA-1	Japonica	Indica		Os04g0670600	OsR498G0409463200.01.T06	Exostosin domain-containing protein (Fragment)
maker-4-augustus-gene-287.51-mRNA-1	Japonica	NA				Putative EH-domain-containing protein 1
maker-4-augustus-gene-287.61-mRNA-1	Japonica	NA		Os04g0670500	OsR498G0409462700.01.T01	Oryzain alpha chain
maker-4-augustus-gene-287.63-mRNA-1	Japonica	NA			OsR498G0409462900.01.T01	Phytol kinase
maker-4-augustus-gene-287.68-mRNA-1	Japonica	Indica		Os04g0668900	OsR498G0409459400.01.T07	Ubiquinol oxidase
maker-4-augustus-gene-287.73-mRNA-1	Japonica	NA		Os04g0669100	OsR498G0409459600.01.T01	Triacylglycerol lipase 2-like protein
maker-4-augustus-gene-287.99-mRNA-1	Japonica	NA		Os04g0670200	OsR498G0409462200.01.T01	Oryzain beta chain
maker-4-augustus-gene-288.42-mRNA-1	Japonica	NA		Os04g0671700	OsR498G0409466600.01.T01	Intracellular protease 1
maker-4-augustus-gene-288.48-mRNA-1	Japonica	NA		Os04g0671900	OsR498G0409467400.01.T03	Auxin response factor
maker-4-augustus-gene-289.39-mRNA-1	Japonica	NA		Os04g0672900	OsR498G0409471500.01.T01	Putative Lunapark domain-containing protein
maker-4-augustus-gene-289.41-mRNA-1	Japonica	NA		Os04g0673300	OsR498G0409475700.01.T01	Two-component response regulator ORR5
maker-4-augustus-gene-289.43-mRNA-1	Japonica	NA		Os04g0673700		
maker-4-augustus-gene-289.45-mRNA-1	Japonica	NA		Os04g0674200	OsR498G0409478300.01.T01	Ubiquinone biosynthesis protein COQ4 homolog, mitochondrial
maker-4-augustus-gene-289.47-mRNA-1	Japonica	NA		Os04g0672200	OsR498G0409469600.01.T02	Poly [ADP-ribose] polymerase
maker-4-augustus-gene-289.53-mRNA-1	Japonica	NA		Os04g0672300	OsR498G0409470000.01.T02	TIMELESS-interacting protein isoform X1
maker-4-augustus-gene-289.56-mRNA-1	Japonica	NA			OsR498G0409471800.01.T05	Putative homeodomain-like transcription factor superfamily protein
maker-4-augustus-gene-289.62-mRNA-1	Japonica	NA		Os04g0673400	OsR498G0409476600.01.T02	Uracil-DNA glycosylase
maker-4-augustus-gene-289.66-mRNA-1	Japonica	NA		Os04g0673800	OsR498G0409477000.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-4-augustus-gene-289.68-mRNA-1	Japonica	Indica		Os04g0674100	OsR498G0409478000.01.T02	Sperm-associated antigen 1-like

maker-4-augustus-gene-290.15-mRNA-1	Japonica	NA			OsR498G0409483100.01.T01	Zinc finger C3HC4 type (RING finger) family protein
maker-4-augustus-gene-290.25-mRNA-1	Japonica	NA		Os04g0675400	OsR498G0409483700.01.T02	J domain-containing protein (Fragment)
maker-4-augustus-gene-290.27-mRNA-1	Japonica	NA		Os04g0676100	OsR498G0409485100.01.T01	Thioredoxin X chloroplastic
maker-4-augustus-gene-290.29-mRNA-1	Japonica	NA		Os04g0674300	OsR498G0409478600.01.T02	BTB/POZ domain-containing protein At3g19850
maker-4-augustus-gene-290.32-mRNA-1	Japonica	NA		Os04g0674600	OsR498G0409480000.01.T02	Probable metal-nicotianamine transporter YSL10
maker-4-augustus-gene-290.33-mRNA-1	Japonica	NA		Os04g0674700	OsR498G0409480000.01.T03	probable acyl-activating enzyme 5, peroxisomal
maker-4-augustus-gene-290.40-mRNA-1	Japonica	NA		Os04g0674800	OsR498G0409480600.01.T01	Endoglucanase
maker-4-augustus-gene-290.42-mRNA-1	Japonica	Indica		Os04g0675000	OsR498G0409481600.01.T02	
maker-4-augustus-gene-290.47-mRNA-1	Japonica	NA		Os04g0675500	OsR498G0409484000.01.T01	Dolichyl-diphosphooligosaccharide--protein glycotransferase
maker-4-augustus-gene-290.49-mRNA-1	Japonica	NA			OsR498G0409484600.01.T01	FBD domain-containing protein
maker-4-augustus-gene-290.51-mRNA-1	Japonica	NA			OsR498G0409485000.01.T02	Plastid division protein CDP1 chloroplastic
maker-4-augustus-gene-290.8-mRNA-1	Japonica	NA			OsR498G0409479100.01.T06	S-acyltransferase
maker-4-augustus-gene-291.34-mRNA-1	Japonica	NA		Os04g0676300	OsR498G0409485700.01.T04	Dihydroorotate dehydrogenase (quinone), mitochondrial
maker-4-augustus-gene-291.38-mRNA-1	Japonica	NA		Os04g0677000	OsR498G0409488500.01.T01	PB1 domain-containing protein
maker-4-augustus-gene-291.39-mRNA-1	Japonica	Indica		Os10g0489100	OsR498G0409489300.01.T05	Arginine methyltransferase 6
maker-4-augustus-gene-291.45-mRNA-1	Japonica	NA		Os04g0676600	OsR498G0409486800.01.T02	TF-B3 domain-containing protein
maker-4-augustus-gene-291.47-mRNA-1	Japonica	Indica		Os04g0676600	OsR498G0409487200.01.T01	TF-B3 domain-containing protein
maker-4-augustus-gene-291.49-mRNA-1	Japonica	Indica		Os04g0676700	OsR498G0409487400.01.T03	Transcription factor SRM1
maker-4-augustus-gene-291.52-mRNA-1	Japonica	NA		Os04g0676800		
maker-4-augustus-gene-291.54-mRNA-1	Japonica	NA		Os04g0677400	OsR498G0409491400.01.T01	Alcohol dehydrogenase-like 6
maker-4-augustus-gene-291.57-mRNA-1	Japonica	NA		Os04g0677500	OsR498G0409491600.01.T01	Pyruvate kinase
maker-4-augustus-gene-292.30-mRNA-1	Japonica	NA		Os04g0678200	OsR498G0409493100.01.T03	Fiber protein Fb34
maker-4-augustus-gene-292.34-mRNA-1	Japonica	NA		Os04g0678300	OsR498G0409493700.01.T02	WD repeat-containing protein 44
maker-4-augustus-gene-292.37-mRNA-1	Japonica	NA		Os04g0678700	OsR498G0409495300.01.T01	NADPH-protochlorophyllide oxidoreductase
maker-4-augustus-gene-292.39-mRNA-1	Japonica	NA		Os04g0678800	OsR498G0409495500.01.T01	N-acetylglucosaminylphosphatidylinositol deacetylase
maker-4-augustus-gene-292.42-mRNA-1	Japonica	NA		Os04g0678900	OsR498G0409495700.01.T01	Polyol transporter 4
maker-4-augustus-gene-292.44-mRNA-1	Japonica	NA		Os04g0679000	OsR498G0409495900.01.T01	Polyol transporter like
maker-4-augustus-gene-292.46-mRNA-1	Japonica	NA		Os04g0679100	OsR498G0409496700.01.T01	Clathrin light chain
maker-4-augustus-gene-292.48-mRNA-1	Japonica	NA			OsR498G0409492400.01.T04	Katanin p80 WD40 repeat-containing subunit B1 homolog
maker-4-augustus-gene-292.56-mRNA-1	Japonica	NA		Os04g0677800	OsR498G0409492800.01.T06	Translation elongation factor EF1A/initiation factor IF2gamma family protein
maker-4-augustus-gene-292.61-mRNA-1	Japonica	NA	Kinase-TM	Os04g0679200	OsR498G0409497000.01.T02	Serine/threonine-protein kinase
maker-4-augustus-gene-292.65-mRNA-1	Japonica	Indica		Os04g0679400	OsR498G0409497600.01.T02	Stem-specific protein TSJT1
maker-4-augustus-gene-292.68-mRNA-1	Japonica	NA		Os04g0679600	OsR498G0409498400.01.T01	CBS domain-containing protein CBSX5
maker-4-augustus-gene-293.1-mRNA-1	Japonica	Indica		Os04g0679800	OsR498G0409499500.01.T01	ABA insensitive ring protein
maker-4-augustus-gene-293.15-mRNA-1	Japonica	Indica		Os04g0680700	OsR498G0409501900.01.T02	Smr domain-containing protein (Fragment)
maker-4-augustus-gene-293.19-mRNA-1	Japonica	Indica		Os04g0680800	OsR498G0409502100.01.T01	
maker-4-augustus-gene-293.22-mRNA-1	Japonica	NA		Os04g0681500	OsR498G0409503100.01.T01	Phosphomannomutase
maker-4-augustus-gene-293.24-mRNA-1	Japonica	NA		Os04g0679900	OsR498G0409499800.01.T01	tetraspanin-19 isoform X1
maker-4-augustus-gene-293.28-mRNA-1	Japonica	NA		Os04g0680300	OsR498G0409501400.01.T01	Cysteine-rich RLK (RECEPTOR-like protein kinase)40
maker-4-augustus-gene-293.31-mRNA-1	Japonica	NA			OsR498G0409501800.01.T02	Tyrosyl-tRNA synthetase
maker-4-augustus-gene-293.34-mRNA-1	Japonica	NA		Os04g0681400	OsR498G0409503000.01.T01	Plasma-membrane choline transporter family protein
maker-4-augustus-gene-293.38-mRNA-1	Japonica	NA		Os04g0681600	OsR498G0409503600.01.T01	Plasma-membrane choline transporter family protein
maker-4-augustus-gene-293.42-mRNA-1	Japonica	NA		Os04g0681900	OsR498G0409504800.01.T01	Acyl-CoA-binding domain-containing protein 2
maker-4-augustus-gene-293.5-mRNA-1	Japonica	NA		Os04g0680000		RNA polymerase II transcription factor B subunit 2
maker-4-augustus-gene-294.0-mRNA-1	Japonica	NA		Os04g0682100	OsR498G0409505500.01.T01	C2 calcium-dependent membrane targeting
maker-4-augustus-gene-294.17-mRNA-1	Japonica	Indica		Os04g0683500	OsR498G0409511300.01.T03	A to I editase domain-containing protein (Fragment)
maker-4-augustus-gene-294.22-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0409512300.01.T01	Serine/threonine protein kinase
maker-4-augustus-gene-294.28-mRNA-1	Japonica	NA			OsR498G0409505000.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-4-augustus-gene-294.31-mRNA-1	Japonica	NA		Os04g0682000	OsR498G0409505200.01.T02	Cysteine protease
maker-4-augustus-gene-294.37-mRNA-1	Japonica	NA		Os04g0674400	OsR498G0409505400.01.T02	Anamorsin homolog
maker-4-augustus-gene-294.4-mRNA-1	Japonica	NA		Os04g0682300	OsR498G0409505900.01.T01	Phosphomannomutase
maker-4-augustus-gene-294.45-mRNA-1	Japonica	NA		Os04g0682400	OsR498G0409506200.01.T01	Polyadenylate-binding protein, cytoplasmic and nuclear
maker-4-augustus-gene-294.47-mRNA-1	Japonica	NA		Os04g0682800	OsR498G0409509800.01.T05	K(+) efflux antiporter 2 chloroplastic
maker-4-augustus-gene-294.55-mRNA-1	Japonica	NA		Os04g0682900	OsR498G0409510000.01.T05	MUTsd domain-containing protein
maker-4-augustus-gene-294.60-mRNA-1	Japonica	Japonica		Os04g0683100	OsR498G0409510200.01.T01	Pre-mRNA cleavage factor Im 25 kDa subunit
maker-4-augustus-gene-294.64-mRNA-1	Japonica	NA	OsAAE3	Os04g0683700	OsR498G0409512600.01.T01	4-coumarate--CoA ligase-like 10
maker-4-augustus-gene-294.9-mRNA-1	Japonica	NA		Os04g0682500	OsR498G0409506500.01.T02	Threonine aspartase subunit beta
maker-4-augustus-gene-295.30-mRNA-1	Japonica	NA		Os04g0683800	OsR498G0409512900.01.T01	FT-interacting protein 1-like
maker-4-augustus-gene-295.31-mRNA-1	Japonica	Indica		Os02g0664000	OsR498G0409513100.01.T01	Glutathione peroxidase
maker-4-augustus-gene-295.40-mRNA-1	Japonica	NA			OsR498G0409514700.01.T03	Casparian strip membrane protein 1
maker-4-augustus-gene-295.42-mRNA-1	Japonica	NA		Os04g0684500	OsR498G0409515900.01.T03	RRM domain-containing protein (Fragment)

maker-4-augustus-gene-295.49-mRNA-1	Japonica	Indica		Os04g0684800	OsR498G0409516700.01.T01	Ubiquitin-conjugating enzyme variant
maker-4-augustus-gene-295.51-mRNA-1	Japonica	NA		Os04g0683900	OsR498G0409513400.01.T01	AT-hook motif nuclear-localized protein (Fragment)
maker-4-augustus-gene-295.54-mRNA-1	Japonica	NA		Os04g0685100	OsR498G0409518400.01.T01	Ribosome biogenesis regulatory protein (Fragment)
maker-4-augustus-gene-296.0-mRNA-1	Japonica	NA		Os04g0685800	OsR498G0409520700.01.T01	Diadenosine and diphosphoinositol polyphosphate phosphohydrolase
maker-4-augustus-gene-296.10-mRNA-1	Japonica	NA		Os04g0686200	OsR498G0409524000.01.T02	Regulator of chromosome condensation (RCC1) family with FYVE zinc finger
maker-4-augustus-gene-296.14-mRNA-1	Japonica	NA		Os04g0686300	OsR498G0409524400.01.T01	UTP--glucose-1-phosphate uridylyltransferase isoform 1
maker-4-augustus-gene-296.16-mRNA-1	Japonica	NA	Kinase		OsR498G0409524600.01.T05	Serine/threonine-protein kinase atg1t
maker-4-augustus-gene-296.2-mRNA-1	Japonica	NA		Os04g0685500	OsR498G0409520200.01.T06	Exocyst subunit Exo70 family protein (Fragment)
maker-4-augustus-gene-296.20-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0409524800.01.T04	Serine/threonine-protein kinase STY46
maker-4-augustus-gene-296.6-mRNA-1	Japonica	NA				
maker-4-augustus-gene-296.8-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os04g0685900	OsR498G0409521200.01.T01	Receptor-like kinase TMK3
maker-4-augustus-gene-297.42-mRNA-1	Japonica	Indica		Os04g0687200	OsR498G0409527100.01.T01	Transmembrane protein, putative
maker-4-augustus-gene-297.47-mRNA-1	Japonica	NA		Os04g0687900	OsR498G0409528900.01.T06	Tubby-like F-box protein 7
maker-4-augustus-gene-297.51-mRNA-1	Japonica	NA		Os04g0687100	OsR498G0409526800.01.T02	Soluble inorganic pyrophosphatase
maker-4-augustus-gene-297.55-mRNA-1	Japonica	NA		Os04g0687300	OsR498G0409527400.01.T01	J domain-containing protein (Fragment)
maker-4-augustus-gene-297.59-mRNA-1	Japonica	NA		Os04g0688100	OsR498G0409529600.01.T01	Peroxidase
maker-4-augustus-gene-297.60-mRNA-1	Japonica	NA		Os04g0688200	OsR498G0409529600.01.T03	Peroxidase
maker-4-augustus-gene-298.34-mRNA-1	Japonica	NA	Kinase-TM	Os04g0689400	OsR498G0409533700.01.T01	Serine/threonine protein kinase
maker-4-augustus-gene-298.39-mRNA-1	Japonica	NA		Os04g0689500	OsR498G0409533900.01.T01	Late embryogenesis abundant protein, LEA-14
maker-4-augustus-gene-298.41-mRNA-1	Japonica	NA		Os04g0689700	OsR498G0409534300.01.T03	RRM domain-containing protein (Fragment)
maker-4-augustus-gene-298.44-mRNA-1	Japonica	NA		Os04g0689800		RRM domain-containing protein
maker-4-augustus-gene-298.47-mRNA-1	Japonica	NA		Os04g0689900	OsR498G0409535100.01.T01	Pathogenesis-related protein 5
maker-4-augustus-gene-298.49-mRNA-1	Japonica	NA		Os04g0690100	OsR498G0409535900.01.T01	C2H2-type domain-containing protein (Fragment)
maker-4-augustus-gene-298.53-mRNA-1	Japonica	NA				Strictosidine synthase 3
maker-4-augustus-gene-298.55-mRNA-1	Japonica	NA		Os04g0689300	OsR498G0409533400.01.T01	PI-PLC X domain-containing protein
maker-4-augustus-gene-299.32-mRNA-1	Japonica	NA			OsR498G0409536100.01.T01	Small glutamine-rich tetratricopeptide repeat-containing protein beta
maker-4-augustus-gene-299.37-mRNA-1	Japonica	NA		Os04g0690400	OsR498G0409536500.01.T01	
maker-4-augustus-gene-299.40-mRNA-1	Japonica	NA		Os04g0690500	OsR498G0409536900.01.T02	Putative E3 ubiquitin-protein ligase makorin-2 (Fragment)
maker-4-augustus-gene-299.42-mRNA-1	Japonica	NA	Kinase-TM	Os04g0691100	OsR498G0409538500.01.T02	Serine/threonine-protein kinase SAPK5
maker-4-augustus-gene-299.45-mRNA-1	Japonica	NA		Os04g0691400	OsR498G0409539100.01.T01	Putative peptide transporter
maker-4-augustus-gene-299.47-mRNA-1	Japonica	NA			OsR498G0409539700.01.T02	Importin N-terminal domain-containing protein
maker-4-augustus-gene-299.55-mRNA-1	Japonica	NA			OsR498G0409537200.01.T02	Auxin response factor
maker-4-augustus-gene-299.59-mRNA-1	Japonica	NA			OsR498G0409540400.01.T01	Increased DNA methylation 1
maker-4-augustus-gene-3.27-mRNA-1	Japonica	Indica		Os01g0612500	OsR498G0407633300.01.T01	Acyl-protein thioesterase 2
maker-4-augustus-gene-3.31-mRNA-1	Japonica	NA				AAI domain-containing protein
maker-4-augustus-gene-3.33-mRNA-1	Japonica	NA			OsR498G0407633800.01.T02	CRC domain-containing protein
maker-4-augustus-gene-300.0-mRNA-1	Japonica	NA		Os04g0691900	OsR498G0409541500.01.T03	1-phosphatidylinositol-3-phosphate 5-kinase
maker-4-augustus-gene-300.10-mRNA-1	Japonica	NA			OsR498G0409543100.01.T01	Ribonuclease P
maker-4-augustus-gene-300.15-mRNA-1	Japonica	NA			OsR498G0409544100.01.T01	Farnesylcysteine lyase
maker-4-augustus-gene-300.20-mRNA-1	Japonica	NA				Chloroplast processing peptidase
maker-4-augustus-gene-300.23-mRNA-1	Japonica	NA			OsR498G0409545100.01.T02	Protein kinase domain-containing protein
maker-4-augustus-gene-300.28-mRNA-1	Japonica	NA		Os04g0692000	OsR498G0409541800.01.T04	UDP-galactose transporter 1
maker-4-augustus-gene-300.3-mRNA-1	Japonica	NA		Os04g0692200	OsR498G0409542100.01.T02	BTB/POZ domain-containing protein TNFAIP1 isoform 2
maker-4-augustus-gene-300.31-mRNA-1	Japonica	NA			OsR498G0409542000.01.T05	Putative CAP Gly-rich domain-containing protein
maker-4-augustus-gene-300.36-mRNA-1	Japonica	NA		Os04g0692300	OsR498G0409542400.01.T06	RING-CH-type domain-containing protein (Fragment)
maker-4-augustus-gene-300.41-mRNA-1	Japonica	NA			OsR498G0409543600.01.T01	Chromatin remodeling 24
maker-4-augustus-gene-300.46-mRNA-1	Japonica	NA			OsR498G0409543800.01.T02	Putative DNA helicase chromatin remodeling SNF2 family
maker-4-augustus-gene-300.53-mRNA-1	Japonica	NA			OsR498G0409545000.01.T03	Probable magnesium transporter
maker-4-augustus-gene-300.56-mRNA-1	Japonica	NA			OsR498G0409545000.01.T05	4HBT domain-containing protein
maker-4-augustus-gene-300.58-mRNA-1	Japonica	NA			OsR498G0409545800.01.T02	Ras-related protein RABC1
maker-4-augustus-gene-300.62-mRNA-1	Japonica	NA			OsR498G0409546000.01.T02	NAC transcription factor
maker-4-augustus-gene-300.65-mRNA-1	Japonica	NA			OsR498G0409547200.01.T03	Exostosis domain-containing protein
maker-4-augustus-gene-300.7-mRNA-1	Japonica	NA		Os04g0692400	OsR498G0409542700.01.T04	probable methyltransferase PMT26
maker-4-augustus-gene-301.0-mRNA-1	Japonica	Indica	Kinase-TM	Os08g0112500	OsR498G0409548500.01.T02	probable serine/threonine-protein kinase At1g54610
maker-4-augustus-gene-301.10-mRNA-1	Japonica	NA			OsR498G0409550300.01.T01	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
maker-4-augustus-gene-301.15-mRNA-1	Japonica	NA			OsR498G0409550500.01.T02	Histone-lysine N-methyltransferase SUV4
maker-4-augustus-gene-301.19-mRNA-1	Japonica	NA			OsR498G0409551300.01.T07	Protein kinase domain-containing protein
maker-4-augustus-gene-301.37-mRNA-1	Japonica	NA		Os03g0340600		
maker-4-augustus-gene-301.39-mRNA-1	Japonica	NA			OsR498G0409551300.01.T08	Protein kinase domain-containing protein
maker-4-augustus-gene-301.8-mRNA-1	Japonica	Indica		Os05g0420600	OsR498G0409549500.01.T01	Cytochrome c, class IA/ IB
maker-4-augustus-gene-31.39-mRNA-1	Japonica	Indica	Kinase-TM	Os11g0692100	OsR498G0407758000.01.T01	Receptor kinase MRKa

maker-4-augustus-gene-33.11-mRNA-1	Japonica	NA		Os04g0223901	OsR498G0407762400.01.T01	Flavin-containing monooxygenase
maker-4-augustus-gene-34.0-mRNA-1	Japonica	NA		Os04g0224600	OsR498G0407764000.01.T02	SEC1 family transport protein SLY1-like
maker-4-augustus-gene-35.0-mRNA-1	Japonica	NA			OsR498G0407768100.01.T01	Transcription factor RAX1
maker-4-augustus-gene-35.2-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0407776100.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-4-augustus-gene-35.20-mRNA-1	Japonica	NA	Kinase-TM	Os04g0226600	OsR498G0407773100.01.T02	Non-specific serine/threonine protein kinase (Fragment)
maker-4-augustus-gene-35.3-mRNA-1	Japonica	NA	Kinase-LRR-TM			Putative LRR receptor-like serine/threonine-protein kinase
maker-4-augustus-gene-36.31-mRNA-1	Japonica	NA		Os04g0227500	OsR498G0407777300.01.T02	DSBA-like thioredoxin domain containing protein
maker-4-augustus-gene-4.27-mRNA-1	Japonica	NA		Os04g0175600	OsR498G0407636100.01.T01	Putative inactive methyltransferase
maker-4-augustus-gene-4.30-mRNA-1	Japonica	Japonica		Os04g0175900	OsR498G0407637100.01.T01	Putative inactive methyltransferase
maker-4-augustus-gene-4.33-mRNA-1	Japonica	Indica		Os04g0176200	OsR498G0407637400.01.T01	Putative inactive methyltransferase
maker-4-augustus-gene-4.36-mRNA-1	Japonica	NA		Os04g0176400	OsR498G0407639200.01.T02	Serine carboxypeptidase-like 18 isoform X3
maker-4-augustus-gene-4.41-mRNA-1	Japonica	Japonica		Os04g0177100	OsR498G0407640600.01.T01	Gnk2-homologous domain-containing protein
maker-4-augustus-gene-41.4-mRNA-1	Japonica	NA		Os04g0244500	OsR498G0407815300.01.T06	Methyltransferase
maker-4-augustus-gene-47.23-mRNA-1	Japonica	Japonica		Os04g0253000	OsR498G0407841500.01.T01	H15 domain-containing protein
maker-4-augustus-gene-5.2-mRNA-1	Japonica	NA		Os04g0177300	OsR498G0407640800.01.T01	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin
maker-4-augustus-gene-5.5-mRNA-1	Japonica	NA		Os03g0117200	OsR498G0305124300.01.T01	HTP reductase
maker-4-augustus-gene-5.7-mRNA-1	Japonica	NA				Actin-related protein 9
maker-4-augustus-gene-55.36-mRNA-1	Japonica	NA		Os04g0266900	OsR498G0407887500.01.T01	Transketolase
maker-4-augustus-gene-55.39-mRNA-1	Japonica	NA				Calcium-binding outer membrane-like protein
maker-4-augustus-gene-56.0-mRNA-1	Japonica	NA		Os04g0269100	OsR498G0407896300.01.T01	Tropinone reductase
maker-4-augustus-gene-57.36-mRNA-1	Japonica	Indica		Os04g0269600	OsR498G0407897300.01.T01	Amine oxidase
maker-4-augustus-gene-57.42-mRNA-1	Japonica	NA				Isoamyl acetate-hydrolyzing esterase
maker-4-augustus-gene-57.45-mRNA-1	Japonica	Indica		Os04g0270100	OsR498G0407899500.01.T05	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A
maker-4-augustus-gene-57.51-mRNA-1	Japonica	NA		Os04g0270200	OsR498G0407900000.01.T01	ER membrane protein complex subunit
maker-4-augustus-gene-58.0-mRNA-1	Japonica	NA		Os04g0271200	OsR498G0407902900.01.T02	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase
maker-4-augustus-gene-58.6-mRNA-1	Japonica	NA		Os04g0271000	OsR498G0407902400.01.T03	NAD-dependent deacetylase sirtuin-6
maker-4-augustus-gene-59.38-mRNA-1	Japonica	NA			OsR498G0407908500.01.T01	Glycosyltransferase
maker-4-augustus-gene-59.40-mRNA-1	Japonica	NA			OsR498G0407909200.01.T01	MBD domain-containing protein (Fragment)
maker-4-augustus-gene-6.39-mRNA-1	Japonica	NA		Os04g0179200	OsR498G0407645200.01.T01	Momilactone synthase like
maker-4-augustus-gene-60.25-mRNA-1	Japonica	Indica		Os11g0131900	OsR498G0407911400.01.T01	Non-reducing end alpha-L-arabinofuranosidase
maker-4-augustus-gene-60.27-mRNA-1	Japonica	NA		Os04g0274400	OsR498G0407911800.01.T01	Chromatin-remodeling complex subunit ies6
maker-4-augustus-gene-61.30-mRNA-1	Japonica	NA		Os04g0276600	OsR498G0407919400.01.T03	SASA domain-containing protein (Fragment)
maker-4-augustus-gene-62.38-mRNA-1	Japonica	NA		Os04g0278000	OsR498G0407921500.01.T01	BTB/POZ domain-containing protein At2g13690
maker-4-augustus-gene-62.41-mRNA-1	Japonica	Indica		Os04g0278200	OsR498G0407922700.01.T01	kinesin light chain 3 isoform X3
maker-4-augustus-gene-62.48-mRNA-1	Japonica	Japonica		Os04g0278101	OsR498G0307345500.01.T01	Tol-Pal system beta propeller repeat-containing protein
maker-4-augustus-gene-62.50-mRNA-1	Japonica	NA			OsR498G0407924400.01.T01	FMN-linked oxidoreductase superfamily protein
maker-4-augustus-gene-63.10-mRNA-1	Japonica	NA		Os04g0281900	OsR498G0407929700.01.T01	
maker-4-augustus-gene-63.15-mRNA-1	Japonica	NA			OsR498G0407927600.01.T01	Myzus persicae-induced lipase 1
maker-4-augustus-gene-65.42-mRNA-1	Japonica	NA		Os04g0284600	OsR498G0407941200.01.T01	26S proteasome regulatory subunit 6A homolog A
maker-4-augustus-gene-66.41-mRNA-1	Japonica	NA	Kinase-TM	Os04g0286000	OsR498G0407941200.01.T01	Calcium binding EGF domain containing protein, expressed
maker-4-augustus-gene-67.0-mRNA-1	Japonica	NA		Os04g0287400	OsR498G0407949900.01.T01	WRKY transcription factor
maker-4-augustus-gene-68.42-mRNA-1	Japonica	NA	Kinase-TM	Os04g0288500	OsR498G0407951200.01.T01	Putative receptor-type protein kinase LRK1
maker-4-augustus-gene-69.31-mRNA-1	Japonica	Indica		Os05g0102600	OsR498G0407952500.01.T01	RING-type E3 ubiquitin transferase
maker-4-augustus-gene-69.33-mRNA-1	Japonica	NA		Os03g0340600		
maker-4-augustus-gene-69.35-mRNA-1	Japonica	NA			OsR498G1120660600.01.T01	Trehalose 6-phosphate phosphatase
maker-4-augustus-gene-69.37-mRNA-1	Japonica	NA			OsR498G0407953300.01.T04	Root UVB sensitive family
maker-4-augustus-gene-69.39-mRNA-1	Japonica	NA			OsR498G0407953300.01.T05	Root UVB sensitive family
maker-4-augustus-gene-69.41-mRNA-1	Japonica	NA		Os07g0513300	OsR498G1120703200.01.T01	PMD domain-containing protein (Fragment)
maker-4-augustus-gene-69.43-mRNA-1	Japonica	Japonica		Os04g0291000	OsR498G0407953700.01.T06	Short-chain dehydrogenase TIC 32, chloroplastic
maker-4-augustus-gene-69.49-mRNA-1	Japonica	NA		Os04g0291100	OsR498G0407953900.01.T04	Short-chain dehydrogenase
maker-4-augustus-gene-7.28-mRNA-1	Japonica	NA		Os04g0180400	OsR498G0407648100.01.T01	
maker-4-augustus-gene-7.30-mRNA-1	Japonica	NA		Os04g0179700	OsR498G0407647400.01.T01	Ent-kaurene synthase
maker-4-augustus-gene-70.0-mRNA-1	Japonica	Japonica	CC-Kinase-LRR-TM	Os04g0291900	OsR498G0510192800.01.T08	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-71.2-mRNA-1	Japonica	NA		Os04g0293700		
maker-4-augustus-gene-72.31-mRNA-1	Japonica	NA		Os04g0295100	OsR498G0407958700.01.T02	Ribonuclease P
maker-4-augustus-gene-73.0-mRNA-1	Japonica	Indica		Os04g0295400	OsR498G0407964300.01.T02	Jacalin-type lectin domain-containing protein
maker-4-augustus-gene-74.0-mRNA-1	Japonica	NA			OsR498G0407974200.01.T02	Metal tolerance protein C4
maker-4-augustus-gene-75.19-mRNA-1	Japonica	Indica		Os04g0298600	OsR498G0407974700.01.T01	FPL domain-containing protein
maker-4-augustus-gene-75.24-mRNA-1	Japonica	NA			OsR498G0407975600.01.T01	Clp amino terminal domain-containing protein
maker-4-augustus-gene-77.0-mRNA-1	Japonica	Indica		Os04g0300600	OsR498G0407987600.01.T01	Basic helix-loop-helix transcription factor
maker-4-augustus-gene-77.2-mRNA-1	Japonica	NA		Os04g0301500	OsR498G0407993000.01.T01	BHLH transcription factor

maker-4-augustus-gene-78.0-mRNA-1	Japonica	NA		Os04g0301700	OsR498G0407995000.01.T02	Beta-glucuronosyltransferase GlcAT14A isoform A
maker-4-augustus-gene-78.3-mRNA-1	Japonica	NA	Kinase-TM	Os04g0303500	OsR498G0408000400.01.T01	Receptor-like serine/threonine-protein kinase
maker-4-augustus-gene-79.0-mRNA-1	Japonica	NA		Os04g0303900	OsR498G0408002900.01.T01	tRNA-binding domain-containing protein
maker-4-augustus-gene-79.12-mRNA-1	Japonica	NA		Os04g0304000	OsR498G0408003400.01.T01	
maker-4-augustus-gene-79.14-mRNA-1	Japonica	NA	Kinase-TM			Putative LOV domain-containing protein
maker-4-augustus-gene-79.2-mRNA-1	Japonica	NA		Os04g0304400	OsR498G0408005300.01.T01	MADS-box transcription factor 25
maker-4-augustus-gene-79.5-mRNA-1	Japonica	NA			OsR498G0408003200.01.T05	Exonuclease
maker-4-augustus-gene-8.0-mRNA-1	Japonica	NA		Os04g0182200	OsR498G0407654100.01.T01	Putative 2-oxoacid dependent dioxygenase
maker-4-augustus-gene-8.2-mRNA-1	Japonica	NA		Os04g0181100	OsR498G0407651000.01.T01	HR-like lesion-inducing protein-related
maker-4-augustus-gene-81.0-mRNA-1	Japonica	NA		Os04g0307200	OsR498G0408012900.01.T02	J domain-containing protein
maker-4-augustus-gene-81.11-mRNA-1	Japonica	NA				RRM domain-containing protein
maker-4-augustus-gene-82.36-mRNA-1	Japonica	NA			OsR498G0408016100.01.T02	
maker-4-augustus-gene-82.49-mRNA-1	Japonica	NA		Os04g0309900	OsR498G0408020900.01.T01	Phytase
maker-4-augustus-gene-83.34-mRNA-1	Japonica	NA		Os04g0308600	OsR498G0408020900.01.T01	Phytase
maker-4-augustus-gene-83.36-mRNA-1	Japonica	NA		Os04g0308401	OsR498G0408024700.01.T01	Jasmonate-induced protein
maker-4-augustus-gene-83.38-mRNA-1	Japonica	NA			OsR498G0408024900.01.T01	
maker-4-augustus-gene-83.40-mRNA-1	Japonica	NA				Wall-associated receptor kinase 5
maker-4-augustus-gene-83.42-mRNA-1	Japonica	NA		Os04g0310000		
maker-4-augustus-gene-83.49-mRNA-1	Japonica	Indica		Os04g0310500	OsR498G0408025600.01.T01	NADH-ubiquinone oxidoreductase 10.5 kDa subunit
maker-4-augustus-gene-83.51-mRNA-1	Japonica	Indica		Os04g0310700	OsR498G0408026400.01.T01	4-coumarate--CoA ligase-like protein 1
maker-4-augustus-gene-84.0-mRNA-1	Japonica	Indica		Os02g0469300	OsR498G0408027100.01.T02	Protein MICRORCHIDIA 4 isoform A
maker-4-augustus-gene-84.9-mRNA-1	Japonica	Indica		Os04g0311500	OsR498G0408028800.01.T02	GTD-binding domain-containing protein (Fragment)
maker-4-augustus-gene-87.22-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class
maker-4-augustus-gene-89.0-mRNA-1	Japonica	NA		Os04g0329500	OsR498G0408052500.01.T02	DUF295 domain-containing protein (Fragment)
maker-4-augustus-gene-9.22-mRNA-1	Japonica	NA				Transmembrane protein, putative
maker-4-augustus-gene-9.29-mRNA-1	Japonica	NA		Os04g0182900	OsR498G0407657100.01.T01	Amidase domain-containing protein (Fragment)
maker-4-augustus-gene-9.31-mRNA-1	Japonica	NA			OsR498G0407658300.01.T01	Amidase domain-containing protein (Fragment)
maker-4-augustus-gene-9.32-mRNA-1	Japonica	NA		Os04g0183500	OsR498G0407659900.01.T01	Amidase domain-containing protein (Fragment)
maker-4-augustus-gene-9.37-mRNA-1	Japonica	NA		Os04g0182800	OsR498G0407656600.01.T02	Electron transfer flavoprotein subunit beta
maker-4-augustus-gene-9.40-mRNA-1	Japonica	NA		Os04g0183100	OsR498G0407658000.01.T02	
maker-4-augustus-gene-9.41-mRNA-1	Japonica	NA				NAF domain-containing protein
maker-4-augustus-gene-99.39-mRNA-1	Japonica	NA			OsR498G1119933000.01.T01	
maker-5-augustus-gene-10.40-mRNA-1	Japonica	NA			OsR498G0509613700.01.T03	PRESSED FLOWER b
maker-5-augustus-gene-10.42-mRNA-1	Japonica	NA			OsR498G0509616300.01.T01	Sister chromatid cohesion protein DCC1
maker-5-augustus-gene-10.45-mRNA-1	Japonica	NA		Os05g0119100	OsR498G0509614800.01.T01	SEA domain-containing protein
maker-5-augustus-gene-10.47-mRNA-1	Japonica	NA		Os05g0119200	OsR498G0509615200.01.T01	Glycine and proline rich protein 1
maker-5-augustus-gene-10.49-mRNA-1	Japonica	NA		Os05g0119300	OsR498G0509615400.01.T02	Glycine and proline rich protein 1
maker-5-augustus-gene-10.51-mRNA-1	Japonica	NA			OsR498G0509616000.01.T01	NAB domain-containing protein (Fragment)
maker-5-augustus-gene-10.54-mRNA-1	Japonica	NA			OsR498G0509616600.01.T01	WEB family protein, chloroplastic
maker-5-augustus-gene-10.56-mRNA-1	Japonica	NA		Os05g0120100	OsR498G0509618800.01.T01	Alternative splicing regulator
maker-5-augustus-gene-11.28-mRNA-1	Japonica	Indica		Os03g0281600	OsR498G0509621700.01.T01	Cation-transporting P-type ATPase
maker-5-augustus-gene-11.33-mRNA-1	Japonica	NA		Os05g0120800	OsR498G0509622300.01.T01	
maker-5-augustus-gene-11.35-mRNA-1	Japonica	NA		Os05g0121000	OsR498G0509623500.01.T04	Transmembrane protein, putative
maker-5-augustus-gene-11.38-mRNA-1	Japonica	Indica		Os12g0148600	OsR498G0509623900.01.T03	
maker-5-augustus-gene-11.43-mRNA-1	Japonica	NA		Os05g0121400		Transcription factor IIIA
maker-5-augustus-gene-11.45-mRNA-1	Japonica	NA		Os05g0121200	OsR498G0509624200.01.T01	Thylakoid membrane protein TERC chloroplastic
maker-5-augustus-gene-11.48-mRNA-1	Japonica	NA			OsR498G0509626400.01.T06	Transcription factor AP2
maker-5-augustus-gene-12.0-mRNA-1	Japonica	NA		Os05g0121800	OsR498G0509627500.01.T02	Monothiol glutaredoxin-S17
maker-5-augustus-gene-12.10-mRNA-1	Japonica	NA		Os05g0122600	OsR498G0509630100.01.T05	Interactor of constitutive active ROPs
maker-5-augustus-gene-12.12-mRNA-1	Japonica	NA			OsR498G0509631100.01.T01	Tetraspanin-3
maker-5-augustus-gene-12.14-mRNA-1	Japonica	NA		Os05g0121700	OsR498G0509627400.01.T05	DNA repair protein RAD 2
maker-5-augustus-gene-12.17-mRNA-1	Japonica	NA		Os05g0121900	OsR498G0509627800.01.T01	Sugar phosphate/phosphate translocator
maker-5-augustus-gene-12.21-mRNA-1	Japonica	Indica		Os05g0122900	OsR498G0509631400.01.T01	Sensor protein kinase Walk (Fragment)
maker-5-augustus-gene-12.7-mRNA-1	Japonica	NA			OsR498G0509629300.01.T01	HECT domain-containing protein (Fragment)
maker-5-augustus-gene-13.0-mRNA-1	Japonica	NA		Os05g0123100	OsR498G0509633500.01.T02	Glycosyltransferases
maker-5-augustus-gene-13.7-mRNA-1	Japonica	NA				
maker-5-augustus-gene-13.9-mRNA-1	Japonica	NA			OsR498G0509635000.01.T01	Exonuclease V chloroplastic
maker-5-augustus-gene-14.34-mRNA-1	Japonica	NA		Os05g0125000	OsR498G0509643900.01.T01	E3 SUMO-protein ligase SIZ1
maker-5-augustus-gene-14.39-mRNA-1	Japonica	Japonica	Kinase-TM	Os05g0125300	OsR498G0509647100.01.T01	Receptor-like kinase LIP2
maker-5-augustus-gene-14.42-mRNA-1	Japonica	Japonica	Kinase	Os05g0125400	OsR498G0509647700.01.T01	Receptor-like kinase LIP2
maker-5-augustus-gene-14.48-mRNA-1	Japonica	NA			OsR498G0509643200.01.T01	

maker-5-augustus-gene-14.50-mRNA-1	Japonica	NA		Os05g0125500	OsR498G0509648000.01.T05	Isovaleryl-CoA dehydrogenase mitochondrial
maker-5-augustus-gene-141.23-mRNA-1	Japonica	NA		Os05g0306000	OsR498G0510414800.01.T01	GOLD domain-containing protein
maker-5-augustus-gene-141.6-mRNA-1	Japonica	NA		Os05g0305200	OsR498G0510412100.01.T01	TRAF-type domain-containing protein
maker-5-augustus-gene-141.9-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0510414500.01.T01	Serine/threonine protein kinase
maker-5-augustus-gene-143.0-mRNA-1	Japonica	NA			OsR498G0510418900.01.T01	Hippocampus abundant transcript 1 protein isoform B
maker-5-augustus-gene-143.4-mRNA-1	Japonica	Japonica		Os05g0307200	OsR498G0510419200.01.T04	Pentatricopeptide repeat-containing protein isoform A
maker-5-augustus-gene-145.39-mRNA-1	Japonica	NA		Os05g0310500	OsR498G0510436100.01.T03	Cathepsin B heavy chain like
maker-5-augustus-gene-147.0-mRNA-1	Japonica	NA			OsR498G0510444600.01.T03	Mediator of RNA polymerase II transcription subunit 33A
maker-5-augustus-gene-148.0-mRNA-1	Japonica	Indica		Os05g0313500	OsR498G0510452500.01.T01	Quinone oxidoreductase-like protein 2-like
maker-5-augustus-gene-148.10-mRNA-1	Japonica	NA		Os05g0313900		UBA domain-containing protein
maker-5-augustus-gene-148.6-mRNA-1	Japonica	Japonica		Os05g0313600	OsR498G0510452900.01.T01	Pentatricopeptide repeat superfamily protein isoform 2
maker-5-augustus-gene-148.8-mRNA-1	Japonica	NA		Os05g0312500	OsR498G0510448200.01.T03	Reticulon domain-containing protein
maker-5-augustus-gene-149.25-mRNA-1	Japonica	NA		Os05g0315200	OsR498G0510464300.01.T01	Developmental and secondary metabolism regulator veA like
maker-5-augustus-gene-149.32-mRNA-1	Japonica	NA		Os05g0314100	OsR498G0510456400.01.T02	Small nuclear ribonucleoprotein Sm D2
maker-5-augustus-gene-149.36-mRNA-1	Japonica	NA		Os05g0315100		Embryo specific2
maker-5-augustus-gene-149.41-mRNA-1	Japonica	Indica		Os05g0315501	OsR498G0510465200.01.T01	
maker-5-augustus-gene-15.39-mRNA-1	Japonica	NA		Os05g0126100	OsR498G0509650100.01.T01	Tetraspanin/Peripherin
maker-5-augustus-gene-15.43-mRNA-1	Japonica	NA		Os05g0127200	OsR498G0509653300.01.T01	Phosphoinositide phospholipase C
maker-5-augustus-gene-15.52-mRNA-1	Japonica	Indica		Os05g0562300	OsR498G0509655300.01.T01	DnaJ subfamily B member like
maker-5-augustus-gene-15.54-mRNA-1	Japonica	NA		Os05g0126200	OsR498G0509650600.01.T01	Serine/threonine-protein kinase D2 (Fragment)
maker-5-augustus-gene-15.56-mRNA-1	Japonica	NA			OsR498G0509650800.01.T02	Putative MYB DNA-binding domain superfamily protein
maker-5-augustus-gene-15.59-mRNA-1	Japonica	NA		Os05g0126800	OsR498G0509652000.01.T01	
maker-5-augustus-gene-15.61-mRNA-1	Japonica	NA		Os05g0127500	OsR498G0509655800.01.T01	probable 2-oxoglutarate-dependent dioxygenase At3g111800
maker-5-augustus-gene-150.0-mRNA-1	Japonica	NA			OsR498G0815909000.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-5-augustus-gene-150.15-mRNA-1	Japonica	NA		Os05g0316100	OsR498G0510468000.01.T02	Metal ion transporter, putative
maker-5-augustus-gene-150.3-mRNA-1	Japonica	NA				Chaperone protein dnaJ-related
maker-5-augustus-gene-150.7-mRNA-1	Japonica	NA				
maker-5-augustus-gene-150.9-mRNA-1	Japonica	NA		Os05g0316000	OsR498G0510467600.01.T01	RING finger and transmembrane domain-containing protein 2
maker-5-augustus-gene-152.30-mRNA-1	Japonica	Indica	CC-Kinase-TM	Os05g0318100	OsR498G0510478100.01.T01	Wall-associated receptor kinase-like protein 20
maker-5-augustus-gene-152.39-mRNA-1	Japonica	Indica		Os01g0663300	OsR498G0510481500.01.T01	Mannan endo-1,4-beta-mannosidase
maker-5-augustus-gene-152.41-mRNA-1	Japonica	NA	Kinase-TM	Os05g0319700	OsR498G0510482900.01.T01	Phytosulfokine receptor
maker-5-augustus-gene-152.45-mRNA-1	Japonica	Indica		Os01g0192900	OsR498G0510482200.01.T01	1-aminocyclopropane-1-carboxylate synthase like
maker-5-augustus-gene-153.0-mRNA-1	Japonica	Indica		Os05g0320300	OsR498G0510485300.01.T01	Putative homeodomain-like transcription factor superfamily protein (Fragment)
maker-5-augustus-gene-153.15-mRNA-1	Japonica	NA		Os05g0320700	OsR498G0510486800.01.T01	Cinnamate 4-monoxygenase
maker-5-augustus-gene-153.2-mRNA-1	Japonica	NA		Os01g0265300	OsR498G0100612800.01.T01	PMD domain-containing protein (Fragment)
maker-5-augustus-gene-153.6-mRNA-1	Japonica	NA		Os05g0320650		ATP synthase subunit b
maker-5-augustus-gene-16.0-mRNA-1	Japonica	Japonica		Os05g0128300	OsR498G0509661000.01.T01	VARLMGL domain-containing protein
maker-5-augustus-gene-167.29-mRNA-1	Japonica	Indica		Os05g0342900	OsR498G0510566900.01.T02	Tetratricopeptide-like helical
maker-5-augustus-gene-168.0-mRNA-1	Japonica	NA		Os05g0343400	OsR498G0510567700.01.T02	WRKY53-superfamily of TFs having WRKY and zinc finger domains
maker-5-augustus-gene-169.56-mRNA-1	Japonica	NA				Transcription initiation factor TFIID subunit like
maker-5-augustus-gene-169.59-mRNA-1	Japonica	NA		Os07g0543700		Retrotransposon protein, putative, Ty3-gypsy sub-class
maker-5-augustus-gene-17.39-mRNA-1	Japonica	NA		Os03g0666200	OsR498G0306745400.01.T02	Differentially expressed in FDCP 6
maker-5-augustus-gene-17.51-mRNA-1	Japonica	Indica		Os07g0461900	OsR498G0509663100.01.T03	Acetylnithine aminotransferase, mitochondrial
maker-5-augustus-gene-17.54-mRNA-1	Japonica	Indica		Os05g0129800	OsR498G0509666100.01.T01	WRKY transcription factor 26
maker-5-augustus-gene-17.57-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0509666500.01.T01	Cysteine-rich receptor-like protein kinase 3
maker-5-augustus-gene-17.62-mRNA-1	Japonica	Japonica		Os05g0128900	OsR498G0816083200.01.T02	Putative alpha,alpha-trehalose-phosphate synthase
maker-5-augustus-gene-17.65-mRNA-1	Japonica	NA		Os05g0129200		Endoglucanase
maker-5-augustus-gene-17.67-mRNA-1	Japonica	NA		Os05g0129700	OsR498G0509664800.01.T01	Homeobox protein liguleless 3
maker-5-augustus-gene-17.69-mRNA-1	Japonica	NA		Os05g0129900	OsR498G0509666400.01.T02	RNA polymerase II-associated protein 3
maker-5-augustus-gene-170.31-mRNA-1	Japonica	NA		Os05g0346800	OsR498G0510588200.01.T01	LOB domain-containing protein 3
maker-5-augustus-gene-170.33-mRNA-1	Japonica	NA		Os05g0346500	OsR498G0510587200.01.T03	Mannosyl-glycoprotein endo-beta-N-acetylglucosaminidase
maker-5-augustus-gene-170.42-mRNA-1	Japonica	Indica		Os05g0346200	OsR498G0510586200.01.T01	AP2 transcriptional activator variant 1
maker-5-augustus-gene-170.45-mRNA-1	Japonica	NA		Os05g0345700		DUF569 domain-containing protein (Fragment)
maker-5-augustus-gene-170.48-mRNA-1	Japonica	NA				BTB/POZ domain-containing protein At2g30600
maker-5-augustus-gene-170.53-mRNA-1	Japonica	NA		Os05g0345400	OsR498G0510584800.01.T02	N-terminal acetyltransferase B complex auxiliary subunit NAA25
maker-5-augustus-gene-170.59-mRNA-1	Japonica	NA		Os05g0346400	OsR498G0510586700.01.T01	Mitochondrial substrate carrier family protein isoform 1
maker-5-augustus-gene-170.61-mRNA-1	Japonica	NA		Os05g0346100	OsR498G0510585900.01.T02	Sorting nexin 2B isoform B
maker-5-augustus-gene-171.0-mRNA-1	Japonica	NA		Os05g0344400		
maker-5-augustus-gene-171.2-mRNA-1	Japonica	NA			OsR498G0510583100.01.T01	Cellular retinaldehyde binding/alpha-tocopherol transport
maker-5-augustus-gene-172.5-mRNA-1	Japonica	NA		Os02g0513700		HAT dimerisation domain-containing protein-like
maker-5-augustus-gene-178.23-mRNA-1	Japonica	NA				Phospholipase D

maker-5-augustus-gene-178.29-mRNA-1	Japonica	NA			OsR498G0510641800.01.T02	
maker-5-augustus-gene-179.35-mRNA-1	Japonica	NA		Os05g0361200	OsR498G0510654700.01.T05	Ferrochelatase
maker-5-augustus-gene-18.11-mRNA-1	Japonica	NA				Gibberellin receptor GID1L2
maker-5-augustus-gene-18.12-mRNA-1	Japonica	NA		Os05g0131100	OsR498G0509671200.01.T02	
maker-5-augustus-gene-18.16-mRNA-1	Japonica	NA			OsR498G0509671400.01.T01	Solute carrier family 40 member 3, chloroplastic
maker-5-augustus-gene-18.2-mRNA-1	Japonica	Japonica		Os05g0130400	OsR498G0509668800.01.T01	zf-RVT domain-containing protein
maker-5-augustus-gene-18.22-mRNA-1	Japonica	NA		Os05g0132100	OsR498G0509672600.01.T02	AMP-dependent synthetase/ligase
maker-5-augustus-gene-18.6-mRNA-1	Japonica	NA		Os05g0131000	OsR498G0509670800.01.T01	Beta-carotene isomerase D27 chloroplastic
maker-5-augustus-gene-180.36-mRNA-1	Japonica	NA		Os05g0361500	OsR498G0510656300.01.T01	Pectinesterase
maker-5-augustus-gene-180.40-mRNA-1	Japonica	NA			OsR498G0510658900.01.T01	formin-like protein 14
maker-5-augustus-gene-180.42-mRNA-1	Japonica	NA		Os05g0362100	OsR498G0510659700.01.T05	3-hydroxyacyl-CoA dehydrogenase
maker-5-augustus-gene-180.49-mRNA-1	Japonica	NA		Os05g0362500	OsR498G0510660700.01.T01	Eukaryotic translation initiation factor 2A
maker-5-augustus-gene-180.50-mRNA-1	Japonica	NA		Os05g0361900	OsR498G0510658800.01.T02	S-adenosylmethionine carrier 1, chloroplastic/mitochondrial
maker-5-augustus-gene-180.54-mRNA-1	Japonica	Indica		Os05g0362600	OsR498G0510661200.01.T01	Late embryogenesis abundant
maker-5-augustus-gene-181.0-mRNA-1	Japonica	NA		Os05g0363100	OsR498G0510662300.01.T03	Caffeoylshikimate esterase
maker-5-augustus-gene-181.3-mRNA-1	Japonica	NA		Os05g0363200	OsR498G0510662600.01.T01	UDP-glucuronic acid decarboxylase
maker-5-augustus-gene-19.0-mRNA-1	Japonica	NA		Os05g0133401	OsR498G0509676900.01.T01	Gdsl esterase/lipase lip-4
maker-5-augustus-gene-19.12-mRNA-1	Japonica	NA			OsR498G0509674200.01.T01	Agnet domain-containing protein (Fragment)
maker-5-augustus-gene-19.14-mRNA-1	Japonica	NA			OsR498G0509674600.01.T05	O-fucosyltransferase family protein (Fragment)
maker-5-augustus-gene-19.18-mRNA-1	Japonica	NA			OsR498G0509675400.01.T01	Transcription factor MYB108
maker-5-augustus-gene-19.2-mRNA-1	Japonica	NA		Os08g0448900		ATP-dependent DNA helicase
maker-5-augustus-gene-19.20-mRNA-1	Japonica	NA		Os05g0133100	OsR498G0509676800.01.T03	Putative nitrogen regulatory protein PII
maker-5-augustus-gene-191.72-mRNA-1	Japonica	NA		Os05g0376800	OsR498G0510716800.01.T01	Gibberellin induced protein (Fragment)
maker-5-augustus-gene-191.74-mRNA-1	Japonica	NA		Os05g0377000	OsR498G0510717000.01.T01	Acyl carrier protein 2, mitochondrial
maker-5-augustus-gene-192.0-mRNA-1	Japonica	NA			OsR498G0510724400.01.T01	CYSTM domain-containing protein
maker-5-augustus-gene-192.2-mRNA-1	Japonica	NA		Os05g0378800	OsR498G0510725000.01.T02	Methyltransferase
maker-5-augustus-gene-193.0-mRNA-1	Japonica	NA	NBS-TM	Os05g0379500	OsR498G0510726700.01.T05	Powdery mildew resistance protein PM3 variant
maker-5-augustus-gene-193.3-mRNA-1	Japonica	NA	NBS-TM	Os05g0380300	OsR498G0510726700.01.T05	Powdery mildew resistance protein PM3 variant
maker-5-augustus-gene-194.10-mRNA-1	Japonica	Indica		Os05g0382200	OsR498G0510738600.01.T01	Cation/H+ antiporter 20
maker-5-augustus-gene-194.13-mRNA-1	Japonica	NA			OsR498G0510740200.01.T01	
maker-5-augustus-gene-194.14-mRNA-1	Japonica	NA			OsR498G0510740200.01.T01	Annexin-like protein RJ4
maker-5-augustus-gene-194.17-mRNA-1	Japonica	NA		Os05g0383000	OsR498G0510740600.01.T01	Mitochondrial fission 1 protein (Fragment)
maker-5-augustus-gene-194.20-mRNA-1	Japonica	NA		Os05g0383100	OsR498G0510740800.01.T01	MHD domain-containing protein
maker-5-augustus-gene-194.7-mRNA-1	Japonica	NA		Os05g0382900	OsR498G0510740300.01.T01	Annexin
maker-5-augustus-gene-195.41-mRNA-1	Japonica	NA		Os05g0384800	OsR498G0510747400.01.T02	Regulator of chromosome condensation (RCC1) family with FYVE zinc finger
maker-5-augustus-gene-196.5-mRNA-1	Japonica	NA		Os05g0386201	OsR498G0510753400.01.T01	Lateral root primordium protein-related isoform 1
maker-5-augustus-gene-196.7-mRNA-1	Japonica	NA		Os05g0386800	OsR498G0510755200.01.T03	COBRA-like protein 3
maker-5-augustus-gene-197.43-mRNA-1	Japonica	NA		Os05g0386900	OsR498G0510755300.01.T03	Glycosyltransferase
maker-5-augustus-gene-197.46-mRNA-1	Japonica	NA				Glycosyltransferase
maker-5-augustus-gene-197.48-mRNA-1	Japonica	NA		Os05g0387200	OsR498G0510755500.01.T01	UDP-sulfoquinovose synthase chloroplastic
maker-5-augustus-gene-197.50-mRNA-1	Japonica	Indica		Os01g0957000	OsR498G0510758700.01.T01	NAD kinase 1
maker-5-augustus-gene-197.55-mRNA-1	Japonica	NA		Os05g0388500	OsR498G0510759100.01.T01	Ribosomal protein (Fragment)
maker-5-augustus-gene-197.58-mRNA-1	Japonica	NA		Os05g0388600	OsR498G0510759300.01.T01	Protein RETICULATA-RELATED 4, chloroplastic isoform A
maker-5-augustus-gene-197.62-mRNA-1	Japonica	Indica		Os05g0389000	OsR498G0510759900.01.T01	Dwarf & irregular leaf1
maker-5-augustus-gene-197.66-mRNA-1	Japonica	Indica		Os05g0387800	OsR498G0510758000.01.T05	N-alpha-acetyltransferase 40
maker-5-augustus-gene-197.72-mRNA-1	Japonica	NA		Os05g0387900	OsR498G0510758400.01.T03	Protein N-terminal glutamine amidohydrolase
maker-5-augustus-gene-198.0-mRNA-1	Japonica	NA		Os05g0389400	OsR498G0510761300.01.T01	Folate-biopterin transporter like
maker-5-augustus-gene-198.11-mRNA-1	Japonica	NA		Os05g0390100	OsR498G0510763700.01.T05	Transmembrane GTPase FZO-like
maker-5-augustus-gene-198.18-mRNA-1	Japonica	NA				RNA polymerase II C-terminal domain phosphatase-like
maker-5-augustus-gene-198.2-mRNA-1	Japonica	NA		Os05g0389600	OsR498G0510762500.01.T04	Putative RING zinc finger domain superfamily protein
maker-5-augustus-gene-198.25-mRNA-1	Japonica	NA				U6 snRNA-associated Sm-like protein LSM5
maker-5-augustus-gene-198.29-mRNA-1	Japonica	NA		Os05g0389500		Carbon catabolite repressor protein 4 4
maker-5-augustus-gene-198.34-mRNA-1	Japonica	Indica		Os05g0390000	OsR498G0510763400.01.T01	Fungal lipase-like domain containing protein
maker-5-augustus-gene-198.7-mRNA-1	Japonica	NA	Kinase-TM	Os05g0389700	OsR498G0510762700.01.T02	Cyclin-dependent kinase
maker-5-augustus-gene-199.18-mRNA-1	Japonica	NA		Os05g0391500	OsR498G0510770300.01.T01	Mannosylglycoprotein endo-beta-mannosidase
maker-5-augustus-gene-199.24-mRNA-1	Japonica	Indica		Os05g0391200	OsR498G0510770000.01.T01	probable glycosyltransferase STELLO2
maker-5-augustus-gene-199.26-mRNA-1	Japonica	NA		Os05g0391600	OsR498G0510770800.01.T01	EGF domain-specific O-linked N-acetylglucosamine transferase-like isoform 1
maker-5-augustus-gene-2.35-mRNA-1	Japonica	Japonica		Os05g0103100	OsR498G0509564200.01.T02	Translocon-associated protein subunit beta like
maker-5-augustus-gene-2.7-mRNA-1	Japonica	NA		Os05g0103200	OsR498G0509564300.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-5-augustus-gene-20.0-mRNA-1	Japonica	NA		Os05g0134200	OsR498G0509680700.01.T01	Protein-serine/threonine phosphatase
maker-5-augustus-gene-20.11-mRNA-1	Japonica	NA		Os05g0135000	OsR498G0509684300.01.T01	Peroxidase

maker-5-augustus-gene-20.13-mRNA-1	Japonica	NA		Os05g0135200	OsR498G0509685100.01.T01	Peroxidase
maker-5-augustus-gene-20.20-mRNA-1	Japonica	NA	Kinase-TM	Os05g0134000	OsR498G0509679200.01.T01	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-20.24-mRNA-1	Japonica	NA			OsR498G0509681000.01.T02	Protein-serine/threonine phosphatase
maker-5-augustus-gene-20.7-mRNA-1	Japonica	NA		Os05g0134700	OsR498G0509682900.01.T01	Peroxidase
maker-5-augustus-gene-200.0-mRNA-1	Japonica	NA			OsR498G0510772700.01.T03	Decapping nuclease DXO, chloroplastic
maker-5-augustus-gene-200.12-mRNA-1	Japonica	NA	Kinase-TM	Os05g0392300	OsR498G0510773500.01.T01	Cdk activating kinase (CAK)/RNA polymerase II transcription initiation
maker-5-augustus-gene-200.18-mRNA-1	Japonica	NA	LRR-TM	Os05g0393100	OsR498G0510775500.01.T01	Serine-threonine protein kinase, plant-type, putative isoform 2
maker-5-augustus-gene-200.22-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0510772400.01.T05	RING-type E3 ubiquitin transferase
maker-5-augustus-gene-200.29-mRNA-1	Japonica	NA		Os05g0392700	OsR498G0510775200.01.T01	Peroxisomal adenine nucleotide carrier 1 like
maker-5-augustus-gene-200.6-mRNA-1	Japonica	Indica		Os05g0392200	OsR498G0510773300.01.T01	EEF1A lysine methyltransferase 4 isoform X3
maker-5-augustus-gene-201.41-mRNA-1	Japonica	NA		Os05g0393400	OsR498G0510776500.01.T02	Protein PALE CRESS, chloroplastic
maker-5-augustus-gene-201.46-mRNA-1	Japonica	NA		Os05g0393800	OsR498G0510777900.01.T01	ERD (Early-responsive to dehydration stress) family protein
maker-5-augustus-gene-201.49-mRNA-1	Japonica	NA			OsR498G0510779700.01.T02	DUF632 domain-containing protein
maker-5-augustus-gene-201.52-mRNA-1	Japonica	NA		Os05g0394100	OsR498G0713729200.01.T01	NAM-associated domain-containing protein
maker-5-augustus-gene-201.54-mRNA-1	Japonica	NA		Os05g0394900	OsR498G0510782000.01.T02	Nucleolin
maker-5-augustus-gene-202.30-mRNA-1	Japonica	NA		Os05g0395300	OsR498G0510783100.01.T01	Putative gliding motility-associated protein GlcE
maker-5-augustus-gene-202.37-mRNA-1	Japonica	NA			OsR498G0510784800.01.T01	Two-component response regulator ORR25
maker-5-augustus-gene-203.0-mRNA-1	Japonica	NA			OsR498G0510790300.01.T02	J domain-containing protein (Fragment)
maker-5-augustus-gene-203.10-mRNA-1	Japonica	Japonica		Os05g0399100	OsR498G0510792900.01.T01	DLH domain-containing protein (Fragment)
maker-5-augustus-gene-203.14-mRNA-1	Japonica	NA		Os05g0399200	OsR498G0510793100.01.T01	DLH domain-containing protein (Fragment)
maker-5-augustus-gene-203.18-mRNA-1	Japonica	NA		Os05g0397300	OsR498G0510788800.01.T02	
maker-5-augustus-gene-203.20-mRNA-1	Japonica	NA		Os05g0397650	OsR498G0510790000.01.T03	probable E3 ubiquitin-protein ligase LOG2
maker-5-augustus-gene-203.23-mRNA-1	Japonica	NA		Os05g0397700	OsR498G0510790200.01.T02	Preprotein translocase subunit SCY2 chloroplastic
maker-5-augustus-gene-203.27-mRNA-1	Japonica	NA			OsR498G0510790800.01.T03	Cyclin
maker-5-augustus-gene-203.3-mRNA-1	Japonica	NA		Os05g0397900	OsR498G0510790500.01.T01	Kinesin-4
maker-5-augustus-gene-203.30-mRNA-1	Japonica	NA		Os05g0398100	OsR498G0510791000.01.T01	ARM REPEAT PROTEIN INTERACTING WITH like
maker-5-augustus-gene-203.8-mRNA-1	Japonica	NA	Kinase-TM	Os05g0398800	OsR498G0510792100.01.T01	Putative serine/threonine-protein kinase RLCKVII (Fragment)
maker-5-augustus-gene-204.0-mRNA-1	Japonica	NA		Os05g0399400	OsR498G0510793500.01.T01	Acidic chitinase
maker-5-augustus-gene-204.11-mRNA-1	Japonica	NA		Os05g0400600	OsR498G0510795100.01.T04	Putative ABC/ECF transporter, transmembrane component
maker-5-augustus-gene-204.16-mRNA-1	Japonica	NA			OsR498G0510795500.01.T07	1-(5-phosphoribosyl)-5-[(5-phosphoribosylamino)methylideneamino] imidazole
maker-5-augustus-gene-204.2-mRNA-1	Japonica	NA		Os05g0399700	OsR498G0510793900.01.T01	Putative basic endochitinase-like
maker-5-augustus-gene-204.28-mRNA-1	Japonica	NA		Os05g0400700	OsR498G0510795400.01.T01	DNA-directed RNA polymerase II non-catalytic subunit
maker-5-augustus-gene-204.4-mRNA-1	Japonica	Japonica		Os05g0400100	OsR498G0510794300.01.T01	DLH domain-containing protein
maker-5-augustus-gene-204.6-mRNA-1	Japonica	Indica		Os05g0400100	OsR498G0510794500.01.T01	DLH domain-containing protein
maker-5-augustus-gene-204.8-mRNA-1	Japonica	Indica		Os01g0247900	OsR498G0510794900.01.T01	membrane protein PM19L
maker-5-augustus-gene-205.4-mRNA-1	Japonica	NA		Os05g0402300	OsR498G0510801400.01.T01	Transmembrane BAX inhibitor motif-containing protein 4
maker-5-augustus-gene-205.6-mRNA-1	Japonica	NA			OsR498G0510802000.01.T02	Cation-transporting ATPase
maker-5-augustus-gene-205.7-mRNA-1	Japonica	NA			OsR498G0510802000.01.T06	Cation-transporting ATPase
maker-5-augustus-gene-206.34-mRNA-1	Japonica	NA		Os05g0404200	OsR498G0510804500.01.T01	Peptide-methionine (R)-S-oxide reductase
maker-5-augustus-gene-206.36-mRNA-1	Japonica	NA		Os05g0404400	OsR498G0510805200.01.T01	Resistance to phytophthora 1
maker-5-augustus-gene-208.1-mRNA-1	Japonica	NA		Os05g0405900	OsR498G0510809900.01.T01	Autophagy-related protein 18g
maker-5-augustus-gene-208.12-mRNA-1	Japonica	NA		Os05g0405000	OsR498G0510806800.01.T01	Pyruvate, phosphate dikinase
maker-5-augustus-gene-208.13-mRNA-1	Japonica	NA		Os05g0405000	OsR498G0510806800.01.T05	Pyruvate, phosphate dikinase
maker-5-augustus-gene-208.24-mRNA-1	Japonica	NA			OsR498G0510807800.01.T01	Secologanin synthase
maker-5-augustus-gene-208.26-mRNA-1	Japonica	NA			OsR498G0510809200.01.T01	Secologanin synthase
maker-5-augustus-gene-208.6-mRNA-1	Japonica	Indica		Os05g0406000	OsR498G0510810100.01.T01	Receptor-like cytosolic serine/threonine-protein kinase RBK2
maker-5-augustus-gene-209.0-mRNA-1	Japonica	NA		Os05g0407500	OsR498G0510815700.01.T01	Gibberellin hormone receptor
maker-5-augustus-gene-209.14-mRNA-1	Japonica	NA		Os05g0407200	OsR498G0510814000.01.T02	Transducin family protein / WD-40 repeat family protein
maker-5-augustus-gene-209.2-mRNA-1	Japonica	NA		Os05g0406100	OsR498G0510810400.01.T03	Putative inosine-uridine preferring nucleoside hydrolase
maker-5-augustus-gene-209.8-mRNA-1	Japonica	NA		Os05g0406200	OsR498G0510811600.01.T01	Inosine/uridine-preferring nucleoside hydrolase
maker-5-augustus-gene-21.30-mRNA-1	Japonica	NA	Kinase-TM	Os05g0135800	OsR498G0509688700.01.T01	Pto-interacting protein 1
maker-5-augustus-gene-21.33-mRNA-1	Japonica	Japonica		Os05g0136100	OsR498G0509690700.01.T01	
maker-5-augustus-gene-21.35-mRNA-1	Japonica	NA		Os05g0136900	OsR498G0509694300.01.T01	Acyl transferase 4
maker-5-augustus-gene-21.37-mRNA-1	Japonica	NA			OsR498G0509696100.01.T03	ABC transporter B family member 4
maker-5-augustus-gene-21.48-mRNA-1	Japonica	NA		Os05g0135900	OsR498G0509689200.01.T02	Nuclear envelope-associated protein 2
maker-5-augustus-gene-21.51-mRNA-1	Japonica	NA	Kinase-TM	Os05g0136200	OsR498G0509691000.01.T02	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-21.55-mRNA-1	Japonica	NA			OsR498G0509696800.01.T01	WRKY transcription factor 5
maker-5-augustus-gene-210.31-mRNA-1	Japonica	NA		Os05g0408200	OsR498G0510818900.01.T01	Squamosa promoter binding protein NtabSPL7
maker-5-augustus-gene-210.35-mRNA-1	Japonica	NA		Os05g0408300	OsR498G0510819200.01.T01	Lipase
maker-5-augustus-gene-210.39-mRNA-1	Japonica	NA		Os05g0408900	OsR498G0510821200.01.T01	1-deoxy-D-xylulose-5-phosphate synthase
maker-5-augustus-gene-211.0-mRNA-1	Japonica	NA		Os05g0409300	OsR498G0510822700.01.T04	Cysteine proteinase inhibitor

maker-5-augustus-gene-211.12-mRNA-1	Japonica	NA		Os05g0410500	OsR498G0510826800.01.T01	Putative proton-dependent oligopeptide transporter (POT)
maker-5-augustus-gene-211.4-mRNA-1	Japonica	NA		Os05g0409400	OsR498G0510822900.01.T03	65-kDa microtubule-associated protein 5
maker-5-augustus-gene-211.9-mRNA-1	Japonica	NA		Os05g0409500	OsR498G0510823200.01.T01	Auxin-induced protein 5NG4 (Fragment)
maker-5-augustus-gene-212.39-mRNA-1	Japonica	NA		Os05g0410900	OsR498G0510828200.01.T01	Putative proton-dependent oligopeptide transporter (POT)
maker-5-augustus-gene-215.30-mRNA-1	Japonica	NA		Os05g0417100	OsR498G0510849900.01.T01	Serine protease
maker-5-augustus-gene-215.35-mRNA-1	Japonica	NA		Os05g0417200	OsR498G0510850100.01.T01	Thioredoxin-like fold domain-containing protein MRL7L, chloroplastic
maker-5-augustus-gene-216.56-mRNA-1	Japonica	NA		Os05g0419500	OsR498G0510859800.01.T02	RNA-binding KH domain-containing protein isoform 1
maker-5-augustus-gene-217.0-mRNA-1	Japonica	NA		Os05g0419800	OsR498G0510860900.01.T02	Zinc finger protein, putative isoform 1
maker-5-augustus-gene-217.10-mRNA-1	Japonica	NA		Os05g0420600	OsR498G0510863900.01.T01	Mitochondrial cytochrome c
maker-5-augustus-gene-217.14-mRNA-1	Japonica	NA			OsR498G0510865100.01.T01	Zinc ion binding
maker-5-augustus-gene-217.23-mRNA-1	Japonica	NA		Os05g0421300	OsR498G0510866100.01.T02	Tetratricopeptide repeat protein 1
maker-5-augustus-gene-217.25-mRNA-1	Japonica	Indica		Os05g0421600	OsR498G0510866900.01.T01	NAC transcription factor
maker-5-augustus-gene-217.3-mRNA-1	Japonica	Japonica		Os05g0420200	OsR498G0510861700.01.T01	Electron transporter
maker-5-augustus-gene-217.5-mRNA-1	Japonica	NA		Os05g0420500	OsR498G0510863700.01.T01	TPX2 (Targeting protein for Xklp2) protein family
maker-5-augustus-gene-218.34-mRNA-1	Japonica	NA		Os05g0423200	OsR498G0510872100.01.T02	
maker-5-augustus-gene-218.37-mRNA-1	Japonica	NA		Os05g0423400	OsR498G0510872700.01.T06	MADS-box transcription factor 4
maker-5-augustus-gene-218.43-mRNA-1	Japonica	NA		Os05g0424000	OsR498G0510874300.01.T02	Amino acid permease
maker-5-augustus-gene-218.45-mRNA-1	Japonica	NA		Os05g0421900		Glutamate decarboxylase
maker-5-augustus-gene-218.46-mRNA-1	Japonica	Indica		Os01g0883800	OsR498G0510868000.01.T01	Gibberellin 20 oxidase 2
maker-5-augustus-gene-218.53-mRNA-1	Japonica	NA			OsR498G1119638400.01.T01	
maker-5-augustus-gene-218.55-mRNA-1	Japonica	NA			OsR498G0510870800.01.T03	Myosin heavy chain kinase B
maker-5-augustus-gene-218.59-mRNA-1	Japonica	Japonica		Os05g0422600	OsR498G0510871200.01.T01	HUN domain-containing protein
maker-5-augustus-gene-219.0-mRNA-1	Japonica	NA				F-box and leucine-rich repeat protein 1
maker-5-augustus-gene-219.12-mRNA-1	Japonica	NA		Os05g0424900		DUF632 domain-containing protein
maker-5-augustus-gene-219.3-mRNA-1	Japonica	NA		Os05g0426000	OsR498G0510879700.01.T01	Bidirectional sugar transporter SWEET
maker-5-augustus-gene-219.6-mRNA-1	Japonica	NA		Os05g0424800	OsR498G0510876200.01.T02	Probable magnesium transporter
maker-5-augustus-gene-22.4-mRNA-1	Japonica	Indica		Os05g0139100	OsR498G0509702300.01.T01	Phytochrome interacting factor 3
maker-5-augustus-gene-22.8-mRNA-1	Japonica	Indica		Os05g0137700	OsR498G0509698000.01.T01	4HBT domain-containing protein (Fragment)
maker-5-augustus-gene-220.0-mRNA-1	Japonica	NA		Os05g0426100	OsR498G0510880100.01.T01	ENTH domain-containing protein (Fragment)
maker-5-augustus-gene-220.11-mRNA-1	Japonica	Indica		Os05g0426400	OsR498G0510881400.01.T01	Hexosyltransferase
maker-5-augustus-gene-220.14-mRNA-1	Japonica	NA		Os05g0427200	OsR498G0510885600.01.T02	Hexosyltransferase
maker-5-augustus-gene-220.18-mRNA-1	Japonica	NA		Os05g0427300	OsR498G0510885600.01.T06	Splicing factor 3B subunit like
maker-5-augustus-gene-220.3-mRNA-1	Japonica	NA		Os05g0426300	OsR498G0510881100.01.T01	Protein trichome birefringence-like 7
maker-5-augustus-gene-220.6-mRNA-1	Japonica	NA		Os05g0426800	OsR498G0510884300.01.T01	CTTNBP 2 amino-terminal-like protein
maker-5-augustus-gene-220.8-mRNA-1	Japonica	NA		Os05g0426200	OsR498G0510880400.01.T04	NAC transcription factor
maker-5-augustus-gene-221.38-mRNA-1	Japonica	Japonica		Os05g0429100	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
maker-5-augustus-gene-221.39-mRNA-1	Japonica	Indica		Os01g0875700	OsR498G0510888800.01.T01	HSP40/DnaJ peptide-binding protein
maker-5-augustus-gene-221.41-mRNA-1	Japonica	NA		Os05g0428100	OsR498G0510889400.01.T01	SUEL-type lectin domain-containing protein
maker-5-augustus-gene-221.48-mRNA-1	Japonica	NA		Os05g0428400	OsR498G0510890400.01.T01	Usp domain-containing protein (Fragment)
maker-5-augustus-gene-221.51-mRNA-1	Japonica	Indica		Os05g0428700	OsR498G0510891800.01.T01	Inwardly rectifying potassium channel AKT2
maker-5-augustus-gene-221.56-mRNA-1	Japonica	NA		Os05g0429000	OsR498G0510892600.01.T01	Glycine hydroxymethyltransferase
maker-5-augustus-gene-221.60-mRNA-1	Japonica	NA		Os05g0429400	OsR498G0510893800.01.T01	SEC14 cytosolic factor family protein / phosphoglyceride transfer family prot
maker-5-augustus-gene-222.49-mRNA-1	Japonica	NA			OsR498G0510894800.01.T01	Carboxymethylenebutenolidase
maker-5-augustus-gene-226.75-mRNA-1	Japonica	NA		Os05g0440050	OsR498G0510927800.01.T01	LRAT domain-containing protein (Fragment)
maker-5-augustus-gene-226.77-mRNA-1	Japonica	NA		Os05g0440100	OsR498G0510928200.01.T03	Histone deacetylase
maker-5-augustus-gene-227.41-mRNA-1	Japonica	NA	Kinase	Os05g0440800	OsR498G0510929300.01.T06	Serine/threonine-protein kinase Nek5
maker-5-augustus-gene-227.48-mRNA-1	Japonica	NA		Os05g0440300	OsR498G0510928400.01.T02	Histone deacetylase
maker-5-augustus-gene-227.51-mRNA-1	Japonica	Indica		Os05g0442400	OsR498G0510935200.01.T01	Transcription factor DIVARICATA
maker-5-augustus-gene-227.53-mRNA-1	Japonica	NA		Os05g0442400	OsR498G0510935600.01.T01	Transcription factor DIVARICATA
maker-5-augustus-gene-228.0-mRNA-1	Japonica	Indica		Os05g0443900	OsR498G0510938100.01.T08	Putative bZIP transcription factor superfamily protein
maker-5-augustus-gene-228.16-mRNA-1	Japonica	Indica		Os05g0444300	OsR498G0510941100.01.T01	Solute carrier
maker-5-augustus-gene-228.19-mRNA-1	Japonica	NA		Os05g0443300	OsR498G0510937000.01.T01	Protein transport protein like
maker-5-augustus-gene-228.26-mRNA-1	Japonica	Indica		Os05g0443400	OsR498G0510937400.01.T04	Glucan endo-13-beta-glucosidase 14
maker-5-augustus-gene-228.29-mRNA-1	Japonica	NA		Os05g0443700		Syntaxin/t-SNARE family protein
maker-5-augustus-gene-228.31-mRNA-1	Japonica	NA		Os05g0443800	OsR498G0510938000.01.T04	Tubulin GTPase
maker-5-augustus-gene-228.7-mRNA-1	Japonica	NA		Os05g0444200		Zinc finger protein WIP5
maker-5-augustus-gene-228.9-mRNA-1	Japonica	NA		Os05g0444300	OsR498G0510940500.01.T01	Solute carrier family 35 member F1
maker-5-augustus-gene-229.0-mRNA-1	Japonica	NA		Os05g0445500	OsR498G0510944900.01.T01	Acidic ribosomal protein P2a-2
maker-5-augustus-gene-229.3-mRNA-1	Japonica	NA		Os05g0445800	OsR498G0510945100.01.T01	
maker-5-augustus-gene-229.5-mRNA-1	Japonica	NA				Transcriptional activator DEMETER
maker-5-augustus-gene-229.6-mRNA-1	Japonica	NA			OsR498G0510947600.01.T06	ENDO3c domain-containing protein

maker-5-augustus-gene-23.38-mRNA-1	Japonica	Indica		Os05g0140600	OsR498G0509710600.01.T01	Agenet domain-containing protein
maker-5-augustus-gene-23.41-mRNA-1	Japonica	NA		Os05g0140800	OsR498G0509711200.01.T01	Glucose and ribitol dehydrogenase
maker-5-augustus-gene-23.43-mRNA-1	Japonica	NA		Os05g0141000	OsR498G0509711600.01.T01	
maker-5-augustus-gene-23.46-mRNA-1	Japonica	Japonica		Os05g0141200	OsR498G0509712000.01.T01	
maker-5-augustus-gene-23.49-mRNA-1	Japonica	NA		Os05g0141400	OsR498G0509712800.01.T01	Putative tRNA/rRNA methyltransferase YsgA (Fragment)
maker-5-augustus-gene-230.0-mRNA-1	Japonica	NA		Os04g0354200		MULE domain-containing protein (Fragment)
maker-5-augustus-gene-230.13-mRNA-1	Japonica	NA		Os05g0446900	OsR498G0510949400.01.T01	CBM20 domain-containing protein (Fragment)
maker-5-augustus-gene-230.19-mRNA-1	Japonica	NA			OsR498G0510950800.01.T01	Mediator of RNA polymerase II transcription subunit 13
maker-5-augustus-gene-230.2-mRNA-1	Japonica	NA		Os05g0446800	OsR498G0510948800.01.T01	Arginyl-tRNA--protein transferase
maker-5-augustus-gene-230.24-mRNA-1	Japonica	NA		Os05g0447700	OsR498G0510951600.01.T02	Tetratricopeptide repeat-like superfamily protein
maker-5-augustus-gene-230.27-mRNA-1	Japonica	NA		Os11g0307600	OsR498G1119899800.01.T01	Protein kinase domain-containing protein
maker-5-augustus-gene-231.0-mRNA-1	Japonica	Indica		Os01g0855000	OsR498G0510952700.01.T01	Glycerol-3-phosphate 2-O-acyltransferase 6
maker-5-augustus-gene-231.2-mRNA-1	Japonica	NA		Os05g0449500	OsR498G0510956300.01.T01	Coronatine-insensitive protein homolog 1b
maker-5-augustus-gene-231.4-mRNA-1	Japonica	Indica		Os05g0449600	OsR498G0510956700.01.T01	Beta-glucosidase
maker-5-augustus-gene-231.8-mRNA-1	Japonica	NA		Os05g0449900	OsR498G0510957400.01.T01	Transcription factor DIVARICATA
maker-5-augustus-gene-232.34-mRNA-1	Japonica	NA				
maker-5-augustus-gene-232.36-mRNA-1	Japonica	NA		Os05g0451100	OsR498G0510961900.01.T01	Anion transporter 3 like
maker-5-augustus-gene-232.41-mRNA-1	Japonica	Indica		Os05g0451900	OsR498G0510964300.01.T03	O-fucosyltransferase family protein (Fragment)
maker-5-augustus-gene-232.45-mRNA-1	Japonica	NA		Os05g0451300	OsR498G0510962600.01.T01	Maternal effect embryo arrest
maker-5-augustus-gene-233.0-mRNA-1	Japonica	NA		Os05g0453700	OsR498G0510970700.01.T01	Usp domain-containing protein
maker-5-augustus-gene-233.10-mRNA-1	Japonica	Indica	Kinase	Os11g0620500	OsR498G0510972100.01.T01	Pollen receptor-like kinase 6
maker-5-augustus-gene-233.13-mRNA-1	Japonica	NA		Os05g0452900	OsR498G0510956400.01.T02	Sphingomyelin synthase-like domain containing protein
maker-5-augustus-gene-233.20-mRNA-1	Japonica	NA		Os05g0453300	OsR498G0510968600.01.T01	
maker-5-augustus-gene-233.22-mRNA-1	Japonica	NA			OsR498G0510969800.01.T01	Guanylyl cyclase
maker-5-augustus-gene-233.3-mRNA-1	Japonica	NA		Os05g0453800	OsR498G0510970900.01.T02	Sld5 domain-containing protein (Fragment)
maker-5-augustus-gene-233.7-mRNA-1	Japonica	NA		Os05g0454200	OsR498G0510971900.01.T01	PRONE domain-containing protein (Fragment)
maker-5-augustus-gene-234.31-mRNA-1	Japonica	NA		Os05g0455200	OsR498G0510974500.01.T01	BEL1-like homeodomain protein 9
maker-5-augustus-gene-234.34-mRNA-1	Japonica	NA			OsR498G0510976100.01.T04	Transcription factor bHLH104 like
maker-5-augustus-gene-234.37-mRNA-1	Japonica	NA			OsR498G0510976700.01.T03	
maker-5-augustus-gene-234.42-mRNA-1	Japonica	NA		Os05g0455800	OsR498G0510977100.01.T02	Yip1 domain-containing protein
maker-5-augustus-gene-234.46-mRNA-1	Japonica	NA		Os05g0454500	OsR498G0510972600.01.T05	
maker-5-augustus-gene-234.50-mRNA-1	Japonica	NA		Os05g0455500	OsR498G0510976400.01.T01	Delta-1-pyrroline-5-carboxylate synthase
maker-5-augustus-gene-234.55-mRNA-1	Japonica	NA		Os05g0455700	OsR498G0510977000.01.T01	UMP pyrophosphorylase
maker-5-augustus-gene-235.0-mRNA-1	Japonica	NA		Os05g0456500	OsR498G0510978500.01.T01	
maker-5-augustus-gene-235.10-mRNA-1	Japonica	NA		Os05g0456000	OsR498G0510977600.01.T01	Mitochondrial glycoprotein family protein, putative isoform 1
maker-5-augustus-gene-235.12-mRNA-1	Japonica	Indica		Os05g0456200	OsR498G0510978000.01.T01	Aldo/keto reductase family oxidoreductase
maker-5-augustus-gene-235.17-mRNA-1	Japonica	NA		Os05g0456300	OsR498G0510978200.01.T01	Ald-keto reductase family 4 member C-10 like
maker-5-augustus-gene-235.2-mRNA-1	Japonica	NA				Putative transcriptional regulator, MerR family
maker-5-augustus-gene-235.20-mRNA-1	Japonica	NA			OsR498G0510979400.01.T05	Ultraviolet-B receptor UVR8
maker-5-augustus-gene-235.25-mRNA-1	Japonica	Indica		Os01g0846300	OsR498G0510979800.01.T01	Protein-serine/threonine phosphatase
maker-5-augustus-gene-235.29-mRNA-1	Japonica	NA		Os05g0457700	OsR498G0510980400.01.T02	
maker-5-augustus-gene-235.35-mRNA-1	Japonica	NA		Os05g0458100	OsR498G0510981600.01.T02	Peptidylprolyl isomerase
maker-5-augustus-gene-235.37-mRNA-1	Japonica	Indica		Os05g0458300	OsR498G0510982000.01.T01	Laccase
maker-5-augustus-gene-235.4-mRNA-1	Japonica	NA		Os05g0457800	OsR498G0510980700.01.T01	PlsC domain-containing protein
maker-5-augustus-gene-235.6-mRNA-1	Japonica	NA		Os05g0458000	OsR498G0510981300.01.T01	S-acyltransferase
maker-5-augustus-gene-236.29-mRNA-1	Japonica	NA		Os05g0458400	OsR498G0510982500.01.T02	Mitochondrial FTSH metalloprotease
maker-5-augustus-gene-236.32-mRNA-1	Japonica	NA		Os05g0458600	OsR498G0510983700.01.T01	Laccase
maker-5-augustus-gene-236.35-mRNA-1	Japonica	NA		Os05g0459400	OsR498G0510986100.01.T04	Kinesin-like protein KIN-10C
maker-5-augustus-gene-236.41-mRNA-1	Japonica	Indica		Os05g0459600	OsR498G0510986700.01.T01	O-fucosyltransferase family protein (Fragment)
maker-5-augustus-gene-236.46-mRNA-1	Japonica	NA		Os05g0459700	OsR498G0510987100.01.T01	Fasciclin-like arabinogalactan protein 4
maker-5-augustus-gene-236.48-mRNA-1	Japonica	NA		Os05g0459900	OsR498G0510987900.01.T04	60S ribosomal protein L36
maker-5-augustus-gene-236.50-mRNA-1	Japonica	NA		Os05g0458600	OsR498G0510983700.01.T01	Laccase
maker-5-augustus-gene-236.53-mRNA-1	Japonica	NA		Os05g0459000	OsR498G0510984600.01.T02	Myb transcript factor 1
maker-5-augustus-gene-236.57-mRNA-1	Japonica	NA		Os05g0460000	OsR498G0510988400.01.T01	probable mediator of RNA polymerase II transcription subunit 37c
maker-5-augustus-gene-237.0-mRNA-1	Japonica	NA		Os05g0460200	OsR498G0510989100.01.T01	Ubiquitin-conjugating enzyme
maker-5-augustus-gene-237.11-mRNA-1	Japonica	NA		Os05g0460600	OsR498G0510990000.01.T02	GTP cyclohydrolase II
maker-5-augustus-gene-237.16-mRNA-1	Japonica	NA		Os05g0460700	OsR498G0510990200.01.T01	RplQ
maker-5-augustus-gene-237.20-mRNA-1	Japonica	NA		Os05g0460800	OsR498G0510990400.01.T05	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase
maker-5-augustus-gene-237.26-mRNA-1	Japonica	NA		Os05g0461000	OsR498G0510991000.01.T01	Coatomer subunit zeta
maker-5-augustus-gene-237.29-mRNA-1	Japonica	NA		Os05g0461300	OsR498G0510991600.01.T02	RAB GTPase homolog 8
maker-5-augustus-gene-237.3-mRNA-1	Japonica	Japonica		Os05g0460500	OsR498G0305687300.01.T02	Histone domain-containing protein

maker-5-augustus-gene-237.32-mRNA-1	Japonica	NA		Os05g0461400	OsR498G0510992200.01.T02	
maker-5-augustus-gene-237.34-mRNA-1	Japonica	NA		Os05g0462000	OsR498G0510994000.01.T01	Putative angiotensin-converting enzyme 2
maker-5-augustus-gene-237.5-mRNA-1	Japonica	NA		Os05g0461900	OsR498G0510993700.01.T03	Metal tolerance protein 6
maker-5-augustus-gene-238.40-mRNA-1	Japonica	NA		Os09g0497500	OsR498G0917745200.01.T01	F-box domain-containing protein (Fragment)
maker-5-augustus-gene-238.42-mRNA-1	Japonica	NA		Os05g0463400	OsR498G0510999500.01.T03	PWWP domain-containing protein
maker-5-augustus-gene-238.45-mRNA-1	Japonica	NA			OsR498G0510999700.01.T01	PWWP domain-containing protein
maker-5-augustus-gene-238.47-mRNA-1	Japonica	NA			OsR498G0511001100.01.T01	DNA helicase
maker-5-augustus-gene-238.53-mRNA-1	Japonica	Indica		Os05g0462400	OsR498G0510996600.01.T01	Phosphatidate phosphatase
maker-5-augustus-gene-238.58-mRNA-1	Japonica	NA		Os05g0462600	OsR498G0510997600.01.T01	PCI domain-containing protein
maker-5-augustus-gene-238.66-mRNA-1	Japonica	NA	Kinase-TM	Os05g0463000	OsR498G0510998400.01.T01	Putative serine/threonine-protein kinase PBL26
maker-5-augustus-gene-238.68-mRNA-1	Japonica	NA		Os05g0463300	OsR498G0510999400.01.T01	IQ-domain 3
maker-5-augustus-gene-238.70-mRNA-1	Japonica	Indica		Os05g0463800	OsR498G0511000000.01.T03	Nuclear Transcription Factor Y Subunit B
maker-5-augustus-gene-238.73-mRNA-1	Japonica	NA			OsR498G0511000600.01.T01	HECT domain-containing protein-like protein (Fragment)
maker-5-augustus-gene-239.0-mRNA-1	Japonica	NA		Os05g0465800	OsR498G0511004700.01.T05	Respiratory burst oxidase protein A
maker-5-augustus-gene-239.11-mRNA-1	Japonica	NA		Os05g0466100	OsR498G0511005600.01.T01	CCT domain-containing protein (Fragment)
maker-5-augustus-gene-239.13-mRNA-1	Japonica	NA		Os05g0466200	OsR498G0511006000.01.T01	NAB domain-containing protein
maker-5-augustus-gene-239.15-mRNA-1	Japonica	NA		Os05g0466700	OsR498G0511006800.01.T01	Chlorophyll A-B binding family protein
maker-5-augustus-gene-239.5-mRNA-1	Japonica	NA		Os05g0465100	OsR498G0511004000.01.T04	Rab-GAP TBC domain-containing protein
maker-5-augustus-gene-239.9-mRNA-1	Japonica	NA		Os05g0465400	OsR498G0511004400.01.T01	Pre-mRNA-splicing factor cwc22 like
maker-5-augustus-gene-24.0-mRNA-1	Japonica	NA		Os05g0141700	OsR498G0509713700.01.T03	Phosphoglycerate mutase-like protein AT74
maker-5-augustus-gene-24.12-mRNA-1	Japonica	NA		Os05g0143300	OsR498G0509720600.01.T01	Helicase
maker-5-augustus-gene-24.2-mRNA-1	Japonica	NA			OsR498G0509720300.01.T03	S-adenosyl-L-methionine-dependent methyltransferases superfamily protein
maker-5-augustus-gene-24.9-mRNA-1	Japonica	NA			OsR498G0509720900.01.T01	DNA replication complex GINS protein SLD5
maker-5-augustus-gene-240.0-mRNA-1	Japonica	Indica		Os01g0833100	OsR498G0511007500.01.T01	FCP1 homology domain-containing protein (Fragment)
maker-5-augustus-gene-240.11-mRNA-1	Japonica	NA		Os05g0467700	OsR498G0511011900.01.T01	DUF1618 domain-containing protein (Fragment)
maker-5-augustus-gene-240.13-mRNA-1	Japonica	NA		Os05g0468100	OsR498G0511013500.01.T01	DUF1618 domain-containing protein (Fragment)
maker-5-augustus-gene-240.15-mRNA-1	Japonica	Indica		Os05g0468200	OsR498G0511013900.01.T01	DUF1618 domain-containing protein (Fragment)
maker-5-augustus-gene-240.17-mRNA-1	Japonica	NA		Os05g0468400	OsR498G0511014100.01.T01	DUF1618 domain-containing protein (Fragment)
maker-5-augustus-gene-240.19-mRNA-1	Japonica	Indica	Kinase	Os05g0466900	OsR498G0511007800.01.T01	Putative serine/threonine-protein kinase dyrk2
maker-5-augustus-gene-240.28-mRNA-1	Japonica	NA		Os05g0467000	OsR498G0511008400.01.T02	Calcium-dependent protein kinase 16
maker-5-augustus-gene-240.3-mRNA-1	Japonica	NA		Os05g0467300	OsR498G0511009100.01.T01	
maker-5-augustus-gene-240.31-mRNA-1	Japonica	Japonica		Os05g0467600	OsR498G0511011600.01.T01	
maker-5-augustus-gene-240.34-mRNA-1	Japonica	NA		Os05g0468500	OsR498G0511014400.01.T01	Gdsl esterase lipase
maker-5-augustus-gene-240.7-mRNA-1	Japonica	NA		Os05g0467400	OsR498G0511009500.01.T01	DUF1618 domain-containing protein (Fragment)
maker-5-augustus-gene-240.9-mRNA-1	Japonica	NA			OsR498G0511010100.01.T01	
maker-5-augustus-gene-241.0-mRNA-1	Japonica	Japonica		Os05g0468600	OsR498G0511014500.01.T02	UTP--glucose-1-phosphate uridylyltransferase 3 chloroplastic
maker-5-augustus-gene-241.10-mRNA-1	Japonica	NA		Os05g0469600	OsR498G0511018700.01.T03	Pyruvate decarboxylase
maker-5-augustus-gene-241.14-mRNA-1	Japonica	NA			OsR498G0511019900.01.T01	
maker-5-augustus-gene-241.16-mRNA-1	Japonica	NA		Os05g0470000	OsR498G0511019800.01.T01	Protein trichome birefringence-like 28/ESKIMO 1
maker-5-augustus-gene-241.5-mRNA-1	Japonica	NA		Os05g0468700	OsR498G0511014900.01.T01	Ammonium transporter
maker-5-augustus-gene-241.7-mRNA-1	Japonica	NA			OsR498G0511017500.01.T01	FBD domain-containing protein
maker-5-augustus-gene-241.8-mRNA-1	Japonica	NA		Os05g0469600	OsR498G0511018100.01.T01	Pyruvate decarboxylase
maker-5-augustus-gene-242.0-mRNA-1	Japonica	NA		Os05g0471800		Far-red impaired response protein-like
maker-5-augustus-gene-242.13-mRNA-1	Japonica	NA			OsR498G0511025200.01.T02	Methyltransferase
maker-5-augustus-gene-242.17-mRNA-1	Japonica	NA		Os05g0472300	OsR498G0511025800.01.T01	POP4 domain-containing protein (Fragment)
maker-5-augustus-gene-242.3-mRNA-1	Japonica	NA		Os05g0470800	OsR498G0511020800.01.T01	Sorting and assembly machinery component like
maker-5-augustus-gene-242.5-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os05g0471000	OsR498G0511021200.01.T03	Inactive receptor-like serine/threonine-protein kinase (Fragment)
maker-5-augustus-gene-243.46-mRNA-1	Japonica	Indica		Os05g0472700	OsR498G0511026300.01.T01	Metal ion transporter ZIP8
maker-5-augustus-gene-243.47-mRNA-1	Japonica	NA				Metal ion transporter ZIP5
maker-5-augustus-gene-243.54-mRNA-1	Japonica	NA		Os05g0472700	OsR498G0511026900.01.T01	Metal ion transporter ZIP8
maker-5-augustus-gene-243.56-mRNA-1	Japonica	NA		Os05g0473300	OsR498G0511028500.01.T02	Ethylene-responsive element binding factor 5
maker-5-augustus-gene-243.58-mRNA-1	Japonica	NA		Os05g0473400	OsR498G0511028700.01.T01	Cation/H(+) antiporter 18 isoform A
maker-5-augustus-gene-243.60-mRNA-1	Japonica	Indica		Os01g0827200	OsR498G0511030100.01.T01	PX domain-containing protein (Fragment)
maker-5-augustus-gene-243.62-mRNA-1	Japonica	Indica		Os01g0826900	OsR498G0511030100.01.T06	Protein RETICULATA-RELATED 6 chloroplastic
maker-5-augustus-gene-243.64-mRNA-1	Japonica	NA		Os05g0474600		Aldose reductase
maker-5-augustus-gene-243.66-mRNA-1	Japonica	NA				Phytanoyl-CoA dioxygenase
maker-5-augustus-gene-244.0-mRNA-1	Japonica	NA		Os05g0475300	OsR498G0511033500.01.T01	Target of Myb protein 1-like
maker-5-augustus-gene-244.12-mRNA-1	Japonica	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-5-augustus-gene-244.15-mRNA-1	Japonica	NA				Vacuolar protein sorting-associated protein 11-like protein
maker-5-augustus-gene-244.2-mRNA-1	Japonica	NA		Os05g0475700	OsR498G0511036300.01.T01	Nodulin-like domain-containing protein (Fragment)
maker-5-augustus-gene-244.4-mRNA-1	Japonica	NA		Os05g0474800	OsR498G0511031400.01.T01	Transcription factor WRKY33

maker-5-augustus-gene-244.6-mRNA-1	Japonica	NA		Os05g0474900	OsR498G0511032000.01.T02	Putative Senescence associated protein 20
maker-5-augustus-gene-245.40-mRNA-1	Japonica	NA		Os05g0476100	OsR498G0511037900.01.T01	DNA helicase
maker-5-augustus-gene-245.42-mRNA-1	Japonica	NA		Os05g0476200	OsR498G0511038100.01.T02	DNA replication licensing factor MCM3
maker-5-augustus-gene-245.46-mRNA-1	Japonica	Indica		Os05g0476400	OsR498G0511039400.01.T01	CHALLAH-LIKE 1, EPIDERMAL PATTERNING FACTOR-LIKE protein 5
maker-5-augustus-gene-245.48-mRNA-1	Japonica	NA		Os05g0477500		
maker-5-augustus-gene-245.51-mRNA-1	Japonica	NA		Os05g0477600	OsR498G0511044800.01.T01	Expansin
maker-5-augustus-gene-245.53-mRNA-1	Japonica	Japonica		Os05g0477800	OsR498G0511045600.01.T01	STAS domain-containing protein
maker-5-augustus-gene-246.40-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os05g0478300	OsR498G0511047500.01.T01	Protein kinase domain-containing protein (Fragment)
maker-5-augustus-gene-246.42-mRNA-1	Japonica	NA		Os06g0607300		Transposable element protein, putative
maker-5-augustus-gene-246.44-mRNA-1	Japonica	NA			OsR498G0511048600.01.T01	WRKY domain-containing protein (Fragment)
maker-5-augustus-gene-246.46-mRNA-1	Japonica	NA			OsR498G0203341500.01.T01	
maker-5-augustus-gene-246.48-mRNA-1	Japonica	Japonica	NBS-TM	Os05g0479700	OsR498G0511050000.01.T01	NBS-LRR disease resistance protein homologue-like
maker-5-augustus-gene-246.50-mRNA-1	Japonica	NA		Os05g0479900	OsR498G0511051000.01.T03	Protein ENHANCED DISEASE RESISTANCE 4
maker-5-augustus-gene-247.0-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0511051300.01.T01	Serine/threonine-protein kinase STN8 chloroplastic
maker-5-augustus-gene-247.24-mRNA-1	Japonica	NA		Os05g0481800	OsR498G0511057700.01.T01	Pentatricopeptide repeat-containing protein
maker-5-augustus-gene-247.33-mRNA-1	Japonica	NA		Os05g0481400	OsR498G0511055600.01.T01	TF-B3 domain-containing protein
maker-5-augustus-gene-247.37-mRNA-1	Japonica	NA		Os05g0481500	OsR498G0511056600.01.T03	KH domain-containing protein SPIN1
maker-5-augustus-gene-247.44-mRNA-1	Japonica	NA			OsR498G0511057600.01.T01	Heat-inducible transcription repressor
maker-5-augustus-gene-248.50-mRNA-1	Japonica	NA		Os05g0482400	OsR498G0511060700.01.T01	
maker-5-augustus-gene-248.52-mRNA-1	Japonica	NA		Os05g0482600	OsR498G0511061500.01.T02	WD40/YVTN repeat-like-containing domain containing protein
maker-5-augustus-gene-248.59-mRNA-1	Japonica	NA		Os05g0482700	OsR498G0511061800.01.T03	2,3-bisphosphoglycerate-independent phosphoglycerate mutase
maker-5-augustus-gene-249.0-mRNA-1	Japonica	NA		Os08g0514300	OsR498G0408819000.01.T01	Ulp1 protease family, C-terminal catalytic domain containing protein, expres
maker-5-augustus-gene-249.12-mRNA-1	Japonica	NA			OsR498G0511073400.01.T02	Hexosyltransferase
maker-5-augustus-gene-249.15-mRNA-1	Japonica	Indica		Os01g0816700	OsR498G0511074200.01.T01	L-ascorbate oxidase like
maker-5-augustus-gene-249.2-mRNA-1	Japonica	NA		Os05g0485300	OsR498G0511072500.01.T01	TLC domain-containing protein (Fragment)
maker-5-augustus-gene-25.37-mRNA-1	Japonica	Indica	Kinase-TM	Os11g0271100	OsR498G0509721500.01.T06	Mitogen-activated protein kinase
maker-5-augustus-gene-25.45-mRNA-1	Japonica	NA		Os05g0144100	OsR498G0509722700.01.T01	Transducin family protein / WD-40 repeat family protein
maker-5-augustus-gene-25.50-mRNA-1	Japonica	NA		Os05g0144400	OsR498G0509723500.01.T01	Serine/threonine-protein phosphatase
maker-5-augustus-gene-25.60-mRNA-1	Japonica	NA			OsR498G0509722200.01.T01	DUF295 domain-containing protein (Fragment)
maker-5-augustus-gene-25.61-mRNA-1	Japonica	Indica		Os05g0143800	OsR498G0509722400.01.T01	Indole-3-acetic acid-amido synthetase
maker-5-augustus-gene-25.66-mRNA-1	Japonica	NA				Putative membrane-bound O-acyltransferase C24H6.01c
maker-5-augustus-gene-25.71-mRNA-1	Japonica	NA			OsR498G0509723000.01.T01	Ribosome biogenesis protein NOP53
maker-5-augustus-gene-25.76-mRNA-1	Japonica	NA		Os05g0144300	OsR498G0509723200.01.T03	Chromatin complex subunit A
maker-5-augustus-gene-25.80-mRNA-1	Japonica	NA		Os05g0144800	OsR498G0509724600.01.T02	General transcription and DNA repair factor IIH helicase subunit XPD
maker-5-augustus-gene-250.0-mRNA-1	Japonica	NA			OsR498G0511076100.01.T01	NOT transcription complex subunit like
maker-5-augustus-gene-250.15-mRNA-1	Japonica	NA				Protein BREAST CANCER SUSCEPTIBILITY 1-like protein
maker-5-augustus-gene-250.20-mRNA-1	Japonica	NA		Os05g0486700	OsR498G0511077000.01.T02	TRASH domain-containing protein
maker-5-augustus-gene-250.4-mRNA-1	Japonica	NA			OsR498G0511077300.01.T01	
maker-5-augustus-gene-250.6-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os05g0486100	OsR498G0511075400.01.T01	Putative leucine-rich repeat receptor-like protein kinase
maker-5-augustus-gene-251.0-mRNA-1	Japonica	NA		Os05g0487300	OsR498G0511077900.01.T01	Transmembrane protein 135
maker-5-augustus-gene-251.15-mRNA-1	Japonica	NA		Os05g0488100	OsR498G0511079200.01.T02	
maker-5-augustus-gene-251.18-mRNA-1	Japonica	NA		Os05g0488600	OsR498G0511079800.01.T01	HTH myb-type domain-containing protein
maker-5-augustus-gene-251.2-mRNA-1	Japonica	Japonica		Os05g0488000	OsR498G0511078900.01.T01	RBR-type E3 ubiquitin transferase
maker-5-augustus-gene-251.24-mRNA-1	Japonica	NA		Os05g0489600	OsR498G0511081600.01.T01	ADP-ribosylation factor A1B
maker-5-augustus-gene-251.4-mRNA-1	Japonica	NA		Os05g0488900	OsR498G0511080300.01.T01	NADH-cytochrome b5 reductase
maker-5-augustus-gene-251.8-mRNA-1	Japonica	NA		Os05g0489000	OsR498G0511080700.01.T04	Type I inositol polyphosphate 5-phosphatase 10
maker-5-augustus-gene-252.40-mRNA-1	Japonica	NA		Os05g0489700	OsR498G0511082300.01.T04	ABSCISIC ACID-INSENSITIVE 5-like protein 2
maker-5-augustus-gene-252.48-mRNA-1	Japonica	NA		Os05g0490200	OsR498G0511083300.01.T01	Endoplasmic reticulum vesicle transporter
maker-5-augustus-gene-252.54-mRNA-1	Japonica	NA		Os05g0489800	OsR498G0511082600.01.T01	Centromeric histone 3
maker-5-augustus-gene-252.57-mRNA-1	Japonica	NA	Kinase-TM	Os05g0489900	OsR498G0511082800.01.T01	Calcium and calmodulin-dependent kinase
maker-5-augustus-gene-252.59-mRNA-1	Japonica	Japonica		Os05g0490300	OsR498G0511083600.01.T04	F-box domain-containing protein
maker-5-augustus-gene-252.61-mRNA-1	Japonica	NA			OsR498G0511085400.01.T04	UV radiation resistance-associated gene protein isoform X2
maker-5-augustus-gene-252.64-mRNA-1	Japonica	Indica		Os05g0490600	OsR498G0511085600.01.T01	Transcription factor GAMYB
maker-5-augustus-gene-252.67-mRNA-1	Japonica	Indica		Os01g0811100	OsR498G0511086400.01.T01	Proteasome endopeptidase complex
maker-5-augustus-gene-252.72-mRNA-1	Japonica	NA		Os05g0490900	OsR498G0511086600.01.T01	Dimethylaniline monooxygenase [N-oxide-forming] 1
maker-5-augustus-gene-252.74-mRNA-1	Japonica	NA		Os05g0491000	OsR498G0511087000.01.T03	Probable calcium-binding protein CML9
maker-5-augustus-gene-252.76-mRNA-1	Japonica	NA		Os05g0491100	OsR498G0511087400.01.T01	Calmodulin
maker-5-augustus-gene-252.78-mRNA-1	Japonica	NA		Os05g0491200	OsR498G0511087600.01.T02	5'-AMP-activated protein kinase beta subunit
maker-5-augustus-gene-252.82-mRNA-1	Japonica	NA	LRR-TM	Os05g0491400	OsR498G0511088200.01.T01	Somatic embryoproteinsis receptor kinase 5
maker-5-augustus-gene-252.84-mRNA-1	Japonica	NA		Os05g0491500	OsR498G0511088400.01.T03	HTH myb-type domain-containing protein
maker-5-augustus-gene-253.36-mRNA-1	Japonica	Indica		Os01g0279900	OsR498G0511090500.01.T01	Transcription factor PERANTHIA

maker-5-augustus-gene-253.38-mRNA-1	Japonica	NA	Kinase-TM	Os05g0493100	OsR498G0511092300.01.T01	Cysteine-rich receptor-like protein kinase 25
maker-5-augustus-gene-253.41-mRNA-1	Japonica	NA		Os05g0493500	OsR498G0511092900.01.T01	Cyclin laZm
maker-5-augustus-gene-253.45-mRNA-1	Japonica	NA		Os05g0493800	OsR498G0511094300.01.T01	Auxin-induced protein 5NG4 (Fragment)
maker-5-augustus-gene-253.48-mRNA-1	Japonica	NA		Os05g0494000	OsR498G0511095500.01.T02	Coumaroyl shikimate 3-hydroxylase 1
maker-5-augustus-gene-253.51-mRNA-1	Japonica	NA	Kinase-TM	Os05g0491900	OsR498G0511090200.01.T01	Calcium-dependent protein kinase 34
maker-5-augustus-gene-253.54-mRNA-1	Japonica	Japonica		Os05g0493600	OsR498G0511093400.01.T02	Glycosyltransferase
maker-5-augustus-gene-253.56-mRNA-1	Japonica	NA		Os05g0493500	OsR498G0511094800.01.T01	Cyclin N-terminal domain-containing protein
maker-5-augustus-gene-254.0-mRNA-1	Japonica	NA		Os05g0494100	OsR498G0511095700.01.T06	dr1-associated corepressor
maker-5-augustus-gene-254.16-mRNA-1	Japonica	NA		Os05g0495600	OsR498G0511099700.01.T01	Calcium-transporting ATPase
maker-5-augustus-gene-254.21-mRNA-1	Japonica	Japonica		Os05g0495700	OsR498G0511100700.01.T01	Glycerol-3-phosphate dehydrogenase
maker-5-augustus-gene-254.24-mRNA-1	Japonica	NA		Os05g0495900	OsR498G0511101500.01.T01	Glucan endo-1,3-beta-glucosidase GVI
maker-5-augustus-gene-254.26-mRNA-1	Japonica	Indica		Os05g0494200	OsR498G0511096000.01.T01	Cysteine proteinase inhibitor
maker-5-augustus-gene-254.5-mRNA-1	Japonica	NA			OsR498G0511098300.01.T01	Transcription elongation factor spt6
maker-5-augustus-gene-255.47-mRNA-1	Japonica	NA		Os05g0496100		Eukaryotic translation initiation factor 3 subunit J
maker-5-augustus-gene-255.49-mRNA-1	Japonica	Indica		Os06g0668200	OsR498G0511102000.01.T03	Phosphoglycerate kinase
maker-5-augustus-gene-255.55-mRNA-1	Japonica	NA		Os05g0496400	OsR498G0511102600.01.T02	Metacaspase-4
maker-5-augustus-gene-255.56-mRNA-1	Japonica	Japonica		Os05g0496500	OsR498G0511102600.01.T01	Metacaspase-6
maker-5-augustus-gene-256.48-mRNA-1	Japonica	Indica		Os05g0497650	OsR498G0511106300.01.T01	Putative E3 ubiquitin-protein ligase RING1a
maker-5-augustus-gene-256.53-mRNA-1	Japonica	NA		Os05g0497675	OsR498G0511106500.01.T02	S-adenosyl-L-methionine-dependent methyltransferase
maker-5-augustus-gene-256.57-mRNA-1	Japonica	NA		Os05g0498300	OsR498G0511109100.01.T03	DNA mismatch repair
maker-5-augustus-gene-256.62-mRNA-1	Japonica	NA		Os05g0498400	OsR498G0511109500.01.T05	Eukaryotic translation initiation factor 1
maker-5-augustus-gene-256.70-mRNA-1	Japonica	NA				
maker-5-augustus-gene-256.73-mRNA-1	Japonica	NA		Os05g0497700	OsR498G0511106800.01.T03	Glyoxysomal processing protease glyoxysomal
maker-5-augustus-gene-256.81-mRNA-1	Japonica	NA			OsR498G0511109800.01.T02	Myosin heavy chain-related
maker-5-augustus-gene-256.82-mRNA-1	Japonica	NA		Os05g0498700	OsR498G0511110800.01.T03	DCD domain protein isoform 1
maker-5-augustus-gene-256.86-mRNA-1	Japonica	NA	Kinase-TM	Os05g0498900	OsR498G0511111400.01.T01	probable serine/threonine-protein kinase PBL23
maker-5-augustus-gene-257.51-mRNA-1	Japonica	Indica		Os09g0497500	OsR498G0511111700.01.T01	Vignain
maker-5-augustus-gene-257.53-mRNA-1	Japonica	NA		Os05g0499300	OsR498G0511112100.01.T01	Peroxidase
maker-5-augustus-gene-257.55-mRNA-1	Japonica	NA		Os05g0499400	OsR498G0511112500.01.T01	Peroxidase
maker-5-augustus-gene-257.57-mRNA-1	Japonica	Japonica		Os05g0500500	OsR498G0511115300.01.T01	22.3 kDa class VI heat shock protein isoform X2
maker-5-augustus-gene-257.59-mRNA-1	Japonica	Indica		Os05g0501200	OsR498G0511117700.01.T02	BHLH domain-containing protein
maker-5-augustus-gene-257.60-mRNA-1	Japonica	NA		Os05g0501200	OsR498G0511117700.01.T04	Transcription factor bHLH123 isoform B
maker-5-augustus-gene-257.67-mRNA-1	Japonica	NA			OsR498G0511112800.01.T01	Pheromone shutdown, TraB
maker-5-augustus-gene-257.72-mRNA-1	Japonica	NA		Os05g0500900	OsR498G0511116600.01.T01	Indole-3-acetic acid-amido synthetase
maker-5-augustus-gene-258.0-mRNA-1	Japonica	NA	Kinase-TM	Os05g0501400	OsR498G0511118500.01.T04	Serine/threonine-protein kinase
maker-5-augustus-gene-258.11-mRNA-1	Japonica	Indica		Os01g0780800	OsR498G0511122100.01.T01	SAND domain-containing protein
maker-5-augustus-gene-258.13-mRNA-1	Japonica	NA		Os05g0501300	OsR498G0511118000.01.T01	NAD(P)H dehydrogenase (quinone)
maker-5-augustus-gene-258.15-mRNA-1	Japonica	NA		Os05g0493500	OsR498G0511118400.01.T01	Cyclin laZm
maker-5-augustus-gene-258.19-mRNA-1	Japonica	NA				SPOROCTELESS-like EAR-containing protein 1
maker-5-augustus-gene-258.21-mRNA-1	Japonica	NA		Os05g0502500	OsR498G0511122000.01.T03	Diphthamide biosynthesis protein 3
maker-5-augustus-gene-258.25-mRNA-1	Japonica	NA		Os05g0502800	OsR498G0511122400.01.T01	H/ACA ribonucleoprotein complex non-core subunit NAF1
maker-5-augustus-gene-258.5-mRNA-1	Japonica	NA	LRR-TM	Os05g0501600	OsR498G0511119100.01.T01	Dynein light chain 1, axonemal
maker-5-augustus-gene-258.8-mRNA-1	Japonica	NA		Os05g0502000	OsR498G0511120900.01.T02	Cyclic nucleotide-binding domain
maker-5-augustus-gene-259.27-mRNA-1	Japonica	NA		Os05g0503300	OsR498G0511123400.01.T03	Assimilatory sulfite reductase (ferredoxin)
maker-5-augustus-gene-26.0-mRNA-1	Japonica	NA			OsR498G0509725700.01.T01	RNA-binding
maker-5-augustus-gene-26.10-mRNA-1	Japonica	NA		Os05g0145700	OsR498G0509726600.01.T04	PDZ domain-containing protein
maker-5-augustus-gene-26.18-mRNA-1	Japonica	NA		Os05g0146900		PDZ domain-containing protein
maker-5-augustus-gene-26.2-mRNA-1	Japonica	NA		Os05g0145400	OsR498G0509726000.01.T02	Fibronectin type-III domain-containing protein (Fragment)
maker-5-augustus-gene-261.14-mRNA-1	Japonica	Japonica		Os05g0506100	OsR498G0511141000.01.T01	DUF569 domain-containing protein (Fragment)
maker-5-augustus-gene-261.16-mRNA-1	Japonica	Japonica		Os05g0506400	OsR498G0511141600.01.T01	RING-type domain-containing protein
maker-5-augustus-gene-261.19-mRNA-1	Japonica	Japonica		Os05g0506500	OsR498G0511141800.01.T01	Gdsl esterase/lipase
maker-5-augustus-gene-261.22-mRNA-1	Japonica	NA		Os05g0506600	OsR498G0511142200.01.T01	GDSL esterase/lipase
maker-5-augustus-gene-261.24-mRNA-1	Japonica	NA		Os05g0506700	OsR498G0511142400.01.T01	GDSL esterase/lipase
maker-5-augustus-gene-261.25-mRNA-1	Japonica	Indica		Os05g0506600	OsR498G0511142400.01.T01	GDSL esterase/lipase
maker-5-augustus-gene-261.3-mRNA-1	Japonica	NA			OsR498G0511141300.01.T02	Protein RNA-directed DNA methylation 3
maker-5-augustus-gene-261.30-mRNA-1	Japonica	Indica		Os05g0506600	OsR498G0511143000.01.T01	GDSL esterase/lipase
maker-5-augustus-gene-261.32-mRNA-1	Japonica	Japonica		Os05g0506900	OsR498G0101111400.01.T01	Brix domain-containing protein 1
maker-5-augustus-gene-262.0-mRNA-1	Japonica	NA		Os05g0508300	OsR498G0511153900.01.T02	low-temperature-induced cysteine proteinase
maker-5-augustus-gene-262.3-mRNA-1	Japonica	NA		Os05g0508400	OsR498G0511154100.01.T02	Mannose-binding lectin
maker-5-augustus-gene-262.6-mRNA-1	Japonica	Japonica		Os05g0508500	OsR498G0511154300.01.T02	Thioredoxin H-type
maker-5-augustus-gene-263.38-mRNA-1	Japonica	Indica		Os05g0508700	OsR498G0511155300.01.T01	MATH domain-containing protein

maker-5-augustus-gene-263.44-mRNA-1	Japonica	NA		Os05g0508800	OsR498G0511155500.01.T01	Toxin PezT
maker-5-augustus-gene-263.50-mRNA-1	Japonica	NA		Os05g0509200	OsR498G0511158100.01.T01	NADH-ubiquinone oxidoreductase 24 kDa subunit
maker-5-augustus-gene-263.54-mRNA-1	Japonica	NA			OsR498G0511158300.01.T02	TRUD domain-containing protein (Fragment)
maker-5-augustus-gene-263.61-mRNA-1	Japonica	NA		Os05g0509400	OsR498G0511158600.01.T03	CRC domain-containing protein TSO1
maker-5-augustus-gene-263.65-mRNA-1	Japonica	NA		Os05g0509500	OsR498G0511158800.01.T01	Signal recognition particle 54 kDa protein 2
maker-5-augustus-gene-263.67-mRNA-1	Japonica	NA		Os05g0509700	OsR498G0511160200.01.T03	Mitochondrially targeted single-stranded DNA binding protein
maker-5-augustus-gene-263.70-mRNA-1	Japonica	NA		Os05g0509900	OsR498G0511160600.01.T03	Transcription initiation factor IIF subunit beta
maker-5-augustus-gene-263.72-mRNA-1	Japonica	NA		Os05g0510200	OsR498G0511161200.01.T01	Outer membrane OMP85 family protein isoform 5
maker-5-augustus-gene-264.0-mRNA-1	Japonica	NA		Os05g0510300	OsR498G0511161300.01.T02	USP domain-containing protein (Fragment)
maker-5-augustus-gene-264.10-mRNA-1	Japonica	NA		Os05g0511500	OsR498G0511166900.01.T04	Lipoyl synthase, chloroplastic
maker-5-augustus-gene-264.14-mRNA-1	Japonica	NA		Os05g0511700	OsR498G0511167100.01.T04	Putative rRNA methylase YtqB
maker-5-augustus-gene-264.18-mRNA-1	Japonica	Indica		Os03g0770800	OsR498G0511162600.01.T01	Xyloglucan glycosyltransferase 12
maker-5-augustus-gene-264.28-mRNA-1	Japonica	NA	Kinase	Os05g0511400	OsR498G0511165600.01.T06	AGC (cAMP-dependent cGMP-dependent and protein kinase C) kinase family
maker-5-augustus-gene-264.3-mRNA-1	Japonica	Indica		Os05g0510700	OsR498G0511162300.01.T02	BSD domain-containing protein
maker-5-augustus-gene-264.35-mRNA-1	Japonica	NA			OsR498G0511167400.01.T01	Serpin (Serine protease inhibitor)
maker-5-augustus-gene-264.37-mRNA-1	Japonica	NA		Os05g0512000	OsR498G0511167800.01.T02	Protein BREAST CANCER SUSCEPTIBILITY 1 like
maker-5-augustus-gene-264.6-mRNA-1	Japonica	NA		Os05g0511000	OsR498G0511164300.01.T03	TLC domain-containing protein (Fragment)
maker-5-augustus-gene-265.41-mRNA-1	Japonica	NA		Os05g0512200	OsR498G0511168700.01.T02	Lysine-tRNA ligase
maker-5-augustus-gene-265.45-mRNA-1	Japonica	NA		Os05g0513100	OsR498G0511172100.01.T01	TCP transcription factor
maker-5-augustus-gene-265.46-mRNA-1	Japonica	NA		Os05g0513200	OsR498G0511173100.01.T01	FCP1 homology domain-containing protein (Fragment)
maker-5-augustus-gene-265.52-mRNA-1	Japonica	NA		Os05g0513300	OsR498G0511173300.01.T01	Basic salivary proline-rich protein 2 isoform X1
maker-5-augustus-gene-265.55-mRNA-1	Japonica	NA		Os05g0513400	OsR498G0511173500.01.T01	Probable magnesium transporter
maker-5-augustus-gene-265.60-mRNA-1	Japonica	NA		Os05g0513800	OsR498G0511174900.01.T02	rac-like GTP-binding protein ARAC7
maker-5-augustus-gene-265.65-mRNA-1	Japonica	Indica		Os05g0512400	OsR498G0511169600.01.T01	BAG family molecular chaperone regulator 8 chloroplastic
maker-5-augustus-gene-265.67-mRNA-1	Japonica	NA		Os05g0512500	OsR498G0511169800.01.T01	Chromatin modification-related protein EAF7 (Fragment)
maker-5-augustus-gene-265.71-mRNA-1	Japonica	Japonica		Os05g0513700	OsR498G0511174200.01.T01	Beta-arabinofuranosyltransferase RAY1
maker-5-augustus-gene-266.0-mRNA-1	Japonica	NA		Os05g0514300	OsR498G0511176500.01.T07	Tubby-like F-box protein 10
maker-5-augustus-gene-266.10-mRNA-1	Japonica	NA				Prolyl aminopeptidase
maker-5-augustus-gene-266.8-mRNA-1	Japonica	NA		Os05g0515200	OsR498G0511179700.01.T02	Putative ferulate 5-hydroxylase
maker-5-augustus-gene-267.0-mRNA-1	Japonica	Indica		Os05g0515400	OsR498G0511180700.01.T01	Auxin response factor
maker-5-augustus-gene-267.14-mRNA-1	Japonica	Japonica	Kinase-TM	Os05g0516400	OsR498G0511182900.01.T01	Proline-rich receptor-like protein kinase PERK1
maker-5-augustus-gene-267.16-mRNA-1	Japonica	NA		Os05g0516600	OsR498G0511183500.01.T01	Ras-related protein Rab7
maker-5-augustus-gene-267.21-mRNA-1	Japonica	NA		Os05g0516900	OsR498G0511184300.01.T05	Lazarus
maker-5-augustus-gene-267.25-mRNA-1	Japonica	NA		Os05g0517200	OsR498G0511185500.01.T01	Trehalose-phosphatase
maker-5-augustus-gene-267.27-mRNA-1	Japonica	NA		Os05g0517400	OsR498G0511185700.01.T01	
maker-5-augustus-gene-267.29-mRNA-1	Japonica	NA		Os05g0517800	OsR498G0511186300.01.T01	Potassium-transporting ATPase A chain (Fragment)
maker-5-augustus-gene-267.31-mRNA-1	Japonica	Indica		Os05g0517900	OsR498G0511186500.01.T01	Cyclic phosphodiesterase
maker-5-augustus-gene-267.33-mRNA-1	Japonica	NA			OsR498G0511181800.01.T01	NAC domain-containing protein
maker-5-augustus-gene-267.35-mRNA-1	Japonica	NA		Os05g0516800	OsR498G0511184000.01.T01	Ras-related protein RIC2
maker-5-augustus-gene-267.37-mRNA-1	Japonica	NA				Folate gamma-glutamyl hydrolase
maker-5-augustus-gene-267.42-mRNA-1	Japonica	Japonica		Os05g0517600	OsR498G0511186200.01.T01	Non-symbiotic hemoglobin
maker-5-augustus-gene-267.5-mRNA-1	Japonica	NA		Os05g0515500	OsR498G0511180900.01.T01	O-methyltransferase ZRP4
maker-5-augustus-gene-267.9-mRNA-1	Japonica	Indica		Os01g0752800	OsR498G0511181900.01.T03	Casein kinase substrate, phosphoprotein PP28
maker-5-augustus-gene-268.0-mRNA-1	Japonica	NA		Os05g0518200	OsR498G0511187500.01.T01	
maker-5-augustus-gene-268.2-mRNA-1	Japonica	NA			OsR498G0511190900.01.T02	Alpha,alpha-trehalose-phosphate synthase
maker-5-augustus-gene-268.9-mRNA-1	Japonica	NA		Os05g0518300	OsR498G0511188200.01.T01	Anther-specific proline-rich protein APG
maker-5-augustus-gene-269.10-mRNA-1	Japonica	NA		Os05g0520300	OsR498G0511197500.01.T01	GATA transcription factor
maker-5-augustus-gene-269.12-mRNA-1	Japonica	NA		Os05g0519300	OsR498G0511194400.01.T01	Plant-specific domain TIGR01615 family protein expressed
maker-5-augustus-gene-269.14-mRNA-1	Japonica	NA		Os05g0519400	OsR498G0511195200.01.T01	Vesicle-fusing ATPase
maker-5-augustus-gene-269.20-mRNA-1	Japonica	NA		Os05g0519500	OsR498G0511195400.01.T04	Periodic tryptophan protein 2
maker-5-augustus-gene-269.23-mRNA-1	Japonica	NA		Os05g0519700	OsR498G0511196000.01.T01	Heat shock protein 101
maker-5-augustus-gene-269.25-mRNA-1	Japonica	NA		Os05g0519900	OsR498G0511196600.01.T02	Dolichyl-diphosphooligosaccharide--protein glycotransferase
maker-5-augustus-gene-269.29-mRNA-1	Japonica	Indica		Os05g0520100	OsR498G0511197000.01.T01	Nuclear pore complex protein NUP35
maker-5-augustus-gene-269.33-mRNA-1	Japonica	NA		Os05g0520200	OsR498G0511197200.01.T02	Aminoacyl-tRNA hydrolase
maker-5-augustus-gene-27.41-mRNA-1	Japonica	NA			OsR498G0509732900.01.T03	MI domain-containing protein (Fragment)
maker-5-augustus-gene-27.65-mRNA-1	Japonica	NA			OsR498G0509732600.01.T01	BRCT domain-containing DNA repair protein
maker-5-augustus-gene-27.68-mRNA-1	Japonica	NA			OsR498G0509733200.01.T02	Putative calcium-binding protein CML22
maker-5-augustus-gene-27.71-mRNA-1	Japonica	NA		Os05g0147400	OsR498G0509733400.01.T01	T-complex protein 1 subunit epsilon
maker-5-augustus-gene-27.80-mRNA-1	Japonica	NA		Os05g0148500		Coiled-coil domain-containing protein SCD2
maker-5-augustus-gene-270.31-mRNA-1	Japonica	NA		Os05g0520700		BTB domain-containing protein
maker-5-augustus-gene-270.35-mRNA-1	Japonica	NA		Os05g0521500	OsR498G0511203500.01.T02	ATP-dependent protease La (LON) domain-containing protein-like

maker-5-augustus-gene-270.40-mRNA-1	Japonica	NA		Os05g0521600	OsR498G0511203700.01.T01	Pectinesterase
maker-5-augustus-gene-270.43-mRNA-1	Japonica	NA			OsR498G0511205300.01.T01	
maker-5-augustus-gene-270.45-mRNA-1	Japonica	NA				Kinesin motor domain-containing protein
maker-5-augustus-gene-270.52-mRNA-1	Japonica	NA				Pseudo histidine-containing phosphotransfer protein 5
maker-5-augustus-gene-270.54-mRNA-1	Japonica	NA		Os05g0521900	OsR498G0511204600.01.T03	IQ-domain 25
maker-5-augustus-gene-271.0-mRNA-1	Japonica	NA		Os05g0522500	OsR498G0511206700.01.T01	Phosphotransferase
maker-5-augustus-gene-271.11-mRNA-1	Japonica	NA		Os05g0523300	OsR498G0511208200.01.T01	Auxin-responsive protein IAA18
maker-5-augustus-gene-271.7-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os01g0742400	OsR498G0511207000.01.T01	Protein kinase family protein with leucine-rich repeat domain
maker-5-augustus-gene-271.9-mRNA-1	Japonica	NA		Os05g0523100		
maker-5-augustus-gene-272.40-mRNA-1	Japonica	Indica		Os05g0524100	OsR498G0511211300.01.T01	Oxidative stress 3
maker-5-augustus-gene-272.42-mRNA-1	Japonica	Japonica		Os05g0524300	OsR498G0101962600.01.T01	Mitochondrial-processing peptidase subunit alpha
maker-5-augustus-gene-272.44-mRNA-1	Japonica	NA		Os05g0524400	OsR498G0511212100.01.T01	ATP-dependent 6-phosphofructokinase
maker-5-augustus-gene-272.49-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os05g0524500	OsR498G0511212300.01.T01	Putative receptor like protein kinase
maker-5-augustus-gene-272.52-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os05g0524600	OsR498G0511212900.01.T03	Putative serine/threonine-specific receptor protein kinase
maker-5-augustus-gene-272.63-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os05g0525000	OsR498G0511214700.01.T01	Putative serine/threonine-specific receptor protein kinase
maker-5-augustus-gene-272.65-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os05g0525550	OsR498G0511214700.01.T01	Putative receptor like protein kinase
maker-5-augustus-gene-272.68-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os05g0525600	OsR498G0511215100.01.T01	Putative leucine-rich repeat receptor-like protein kinase
maker-5-augustus-gene-272.71-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os05g0525550	OsR498G0511215300.01.T01	Putative serine/threonine-specific receptor protein kinase
maker-5-augustus-gene-272.78-mRNA-1	Japonica	NA		Os05g0526200	OsR498G0511216500.01.T01	Calcium homeostasis regulator
maker-5-augustus-gene-272.80-mRNA-1	Japonica	NA		Os05g0524200	OsR498G0511211600.01.T01	Dual specificity protein phosphatase DSP8
maker-5-augustus-gene-273.0-mRNA-1	Japonica	NA				F-box domain-containing protein
maker-5-augustus-gene-273.16-mRNA-1	Japonica	NA		Os05g0528200	OsR498G0511222400.01.T01	50S ribosomal protein L20, chloroplastic
maker-5-augustus-gene-273.18-mRNA-1	Japonica	NA			OsR498G0511222600.01.T01	Glandular trichome-specific WRKY 1
maker-5-augustus-gene-273.20-mRNA-1	Japonica	NA			OsR498G0511223000.01.T01	Flavin-containing monooxygenase
maker-5-augustus-gene-273.3-mRNA-1	Japonica	NA		Os05g0526400	OsR498G0511217000.01.T02	
maker-5-augustus-gene-273.7-mRNA-1	Japonica	NA		Os05g0527600		UDPGT domain-containing protein
maker-5-augustus-gene-28.0-mRNA-1	Japonica	Indica		Os05g0148900	OsR498G0509736900.01.T05	Glutathione transferase
maker-5-augustus-gene-28.10-mRNA-1	Japonica	NA			OsR498G0509739300.01.T01	CAP10 domain-containing protein (Fragment)
maker-5-augustus-gene-28.14-mRNA-1	Japonica	NA		Os05g0149800	OsR498G0509740100.01.T01	Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit gamma
maker-5-augustus-gene-28.2-mRNA-1	Japonica	Indica		Os05g0148900	OsR498G0509736900.01.T01	Glutathione transferase
maker-5-augustus-gene-28.20-mRNA-1	Japonica	NA			OsR498G0509740300.01.T05	Anaphase-promoting complex subunit 7
maker-5-augustus-gene-28.25-mRNA-1	Japonica	NA		Os05g0150300	OsR498G0509741900.01.T02	Chromatin-remodeling complex ATPase chain
maker-5-augustus-gene-28.33-mRNA-1	Japonica	NA		Os05g0149600	OsR498G0509739800.01.T01	Cullin-1
maker-5-augustus-gene-28.39-mRNA-1	Japonica	Indica		Os05g0150000	OsR498G0509740600.01.T01	Pyridoxal phosphate homeostasis protein
maker-5-augustus-gene-28.44-mRNA-1	Japonica	NA		Os05g0150400	OsR498G0509742200.01.T03	Double-stranded RNA-binding protein 3
maker-5-augustus-gene-28.46-mRNA-1	Japonica	NA			OsR498G0509742600.01.T05	Transport inhibitor response 1
maker-5-augustus-gene-28.5-mRNA-1	Japonica	Japonica		Os05g0149200	OsR498G0509738100.01.T01	PWWP domain-containing protein (Fragment)
maker-5-augustus-gene-28.8-mRNA-1	Japonica	NA		Os05g0149400	OsR498G0509738700.01.T01	1-aminocyclopropane-1-carboxylic acid oxidase
maker-5-augustus-gene-282.58-mRNA-1	Japonica	Japonica		Os05g0545900	OsR498G0511285100.01.T01	
maker-5-augustus-gene-282.70-mRNA-1	Japonica	NA			OsR498G0511285500.01.T01	
maker-5-augustus-gene-282.74-mRNA-1	Japonica	NA		Os05g0547850	OsR498G0511286400.01.T01	Double-stranded DNA-binding family protein
maker-5-augustus-gene-286.17-mRNA-1	Japonica	NA		Os05g0554500	OsR498G0511313100.01.T02	CDP-diacylglycerol--serine O-phosphatidyltransferase 2
maker-5-augustus-gene-289.40-mRNA-1	Japonica	NA		Os05g0559300		Elongation factor Ts isoform 1
maker-5-augustus-gene-289.46-mRNA-1	Japonica	NA		Os05g0559400	OsR498G0511331000.01.T04	Auxin-responsive protein IAA5
maker-5-augustus-gene-289.50-mRNA-1	Japonica	NA		Os05g0559900	OsR498G0511332400.01.T05	Golgin candidate 5
maker-5-augustus-gene-29.0-mRNA-1	Japonica	NA		Os05g0150700	OsR498G0509743900.01.T01	HMA domain-containing protein (Fragment)
maker-5-augustus-gene-29.11-mRNA-1	Japonica	NA		Os05g0152400	OsR498G0509750100.01.T02	beta-glucuronosyltransferase GlcAT14A-like
maker-5-augustus-gene-29.13-mRNA-1	Japonica	NA		Os05g0150600		ATP-dependent DNA helicase
maker-5-augustus-gene-29.18-mRNA-1	Japonica	Indica		Os05g0150900	OsR498G0509745600.01.T01	Histidine--tRNA ligase
maker-5-augustus-gene-29.24-mRNA-1	Japonica	NA		Os05g0151000	OsR498G0509746000.01.T01	DNA-directed RNA polymerase subunit
maker-5-augustus-gene-29.30-mRNA-1	Japonica	NA		Os05g0151300	OsR498G0509747400.01.T01	Rubber elongation factor
maker-5-augustus-gene-29.32-mRNA-1	Japonica	NA		Os05g0151400	OsR498G0509747600.01.T01	Translocase of chloroplast 159 chloroplastic
maker-5-augustus-gene-29.4-mRNA-1	Japonica	Japonica		Os05g0150800	OsR498G0509745300.01.T01	Methenyltetrahydrofolate cyclohydrolase
maker-5-augustus-gene-29.7-mRNA-1	Japonica	NA		Os05g0151100		Desiccation-related protein PCC13-62
maker-5-augustus-gene-29.9-mRNA-1	Japonica	NA			OsR498G0101163300.01.T01	RNA polymerase archaeal subunit P/eukaryotic subunit RPABC
maker-5-augustus-gene-294.76-mRNA-1	Japonica	NA			OsR498G0511370300.01.T01	CTP synthase (glutamine hydrolyzing)
maker-5-augustus-gene-297.59-mRNA-1	Japonica	Indica		Os05g0575400	OsR498G0511388300.01.T02	FBD domain-containing protein
maker-5-augustus-gene-299.26-mRNA-1	Japonica	NA		Os05g0579600	OsR498G0511401000.01.T02	SANT domain-containing protein
maker-5-augustus-gene-299.28-mRNA-1	Japonica	Indica		Os05g0579600	OsR498G0511401400.01.T01	Transcription factor RADIALIS
maker-5-augustus-gene-299.30-mRNA-1	Japonica	NA		Os05g0580000	OsR498G0511403400.01.T04	Glucose-1-phosphate adenyllyltransferase large subunit, chloroplastic/amyloplast
maker-5-augustus-gene-299.6-mRNA-1	Japonica	Japonica		Os05g0579500	OsR498G0511400500.01.T01	

maker-5-augustus-gene-299.8-mRNA-1	Japonica	NA		Os05g0579800	OsR498G0511401700.01.T03	Anaphase-promoting complex subunit 10
maker-5-augustus-gene-3.24-mRNA-1	Japonica	NA		Os05g0106200	OsR498G0509573300.01.T01	
maker-5-augustus-gene-30.0-mRNA-1	Japonica	NA		Os05g0153000	OsR498G0509751300.01.T07	HP domain-containing protein
maker-5-augustus-gene-30.11-mRNA-1	Japonica	NA		Os05g0153300	OsR498G0509752400.01.T01	Triacylglycerol lipase-like 1
maker-5-augustus-gene-30.15-mRNA-1	Japonica	NA		Os05g0153600		PH domain-containing protein (Fragment)
maker-5-augustus-gene-30.4-mRNA-1	Japonica	NA				UBC core domain-containing protein (Fragment)
maker-5-augustus-gene-30.9-mRNA-1	Japonica	Japonica		Os05g0153800	OsR498G0509696100.01.T04	ABC transporter B family member 4
maker-5-augustus-gene-300.30-mRNA-1	Japonica	NA		Os05g0580500	OsR498G0511404300.01.T01	Sister chromatid cohesion 1 protein 1
maker-5-augustus-gene-300.37-mRNA-1	Japonica	Japonica		Os05g0581100	OsR498G0511373800.01.T01	Rab3 GTPase-activating protein non-catalytic subunit
maker-5-augustus-gene-300.45-mRNA-1	Japonica	NA			OsR498G0511405400.01.T02	
maker-5-augustus-gene-300.47-mRNA-1	Japonica	NA			OsR498G0511406000.01.T01	
maker-5-augustus-gene-300.50-mRNA-1	Japonica	NA		Os05g0581900	OsR498G0511408600.01.T03	Carbohydrate-binding X8 domain superfamily protein, putative isoform 1
maker-5-augustus-gene-300.52-mRNA-1	Japonica	NA		Os05g0582100	OsR498G0511409600.01.T02	Protein REDUCED WALL ACETYLATION 3
maker-5-augustus-gene-301.0-mRNA-1	Japonica	Indica		Os12g0271700	OsR498G0511410300.01.T01	All-trans-nonaprenyl-diphosphate synthase
maker-5-augustus-gene-301.16-mRNA-1	Japonica	NA			OsR498G0511411800.01.T01	WRKY domain class transcription factor
maker-5-augustus-gene-301.19-mRNA-1	Japonica	NA		Os05g0583900	OsR498G0511415200.01.T01	Pentatricopeptide repeat-containing protein
maker-5-augustus-gene-301.4-mRNA-1	Japonica	Indica	Kinase-TM	Os01g0629900	OsR498G0511410500.01.T01	Mitogen-activated protein kinase
maker-5-augustus-gene-301.9-mRNA-1	Japonica	NA		Os05g0583500	OsR498G0511413900.01.T01	Phox-associated domain
maker-5-augustus-gene-302.0-mRNA-1	Japonica	Indica		Os05g0584900	OsR498G0511420500.01.T02	S-type anion channel SLAH2
maker-5-augustus-gene-302.14-mRNA-1	Japonica	NA	Kinase-TM	Os05g0585500	OsR498G0511422000.01.T02	Calcium-dependent protein kinase 1 isoform A
maker-5-augustus-gene-302.19-mRNA-1	Japonica	Indica		Os05g0585700	OsR498G0511422400.01.T02	
maker-5-augustus-gene-302.2-mRNA-1	Japonica	NA		Os05g0585400	OsR498G0511421500.01.T05	Probable protein ABIL1
maker-5-augustus-gene-302.21-mRNA-1	Japonica	NA		Os05g0585900	OsR498G0511423000.01.T02	Mitochondrial adenine nucleotide transporter like
maker-5-augustus-gene-302.7-mRNA-1	Japonica	NA		Os05g0584600	OsR498G0511418600.01.T02	AAA domain-containing protein (Fragment)
maker-5-augustus-gene-303.0-mRNA-1	Japonica	NA		Os05g0586200	OsR498G0511425100.01.T02	Jasmonic acid-amido synthetase JAR1
maker-5-augustus-gene-303.12-mRNA-1	Japonica	NA				Plastid transcriptionally active 14
maker-5-augustus-gene-303.17-mRNA-1	Japonica	NA			OsR498G0511425600.01.T01	Transcription factor FAMA like
maker-5-augustus-gene-303.19-mRNA-1	Japonica	NA		Os05g0587000	OsR498G0511427800.01.T01	Pectin lyase-like superfamily protein (Fragment)
maker-5-augustus-gene-303.2-mRNA-1	Japonica	NA		Os05g0586400	OsR498G0511425700.01.T01	Extra-large G-protein-like
maker-5-augustus-gene-303.23-mRNA-1	Japonica	NA		Os05g0587100	OsR498G0511428000.01.T01	Protein-serine/threonine phosphatase
maker-5-augustus-gene-303.27-mRNA-1	Japonica	Indica		Os05g0587300	OsR498G0511428600.01.T01	Inactive TPR repeat-containing thioredoxin TTL3
maker-5-augustus-gene-303.32-mRNA-1	Japonica	NA		Os05g0587400	OsR498G0511430200.01.T03	
maker-5-augustus-gene-303.4-mRNA-1	Japonica	NA		Os05g0586500	OsR498G0511426100.01.T01	probable GABA transporter 2
maker-5-augustus-gene-303.6-mRNA-1	Japonica	NA		Os05g0586600	OsR498G0511426300.01.T02	RNA polymerase sigma factor sigE like
maker-5-augustus-gene-303.9-mRNA-1	Japonica	Japonica		Os05g0586700	OsR498G0511426500.01.T01	RNA polymerase sigma factor sigE, chloroplastic/mitochondrial
maker-5-augustus-gene-304.43-mRNA-1	Japonica	NA			OsR498G0511430900.01.T01	CRC domain-containing protein
maker-5-augustus-gene-304.45-mRNA-1	Japonica	NA		Os05g0589000	OsR498G0511434300.01.T01	Bifunctional dihydroflavonol 4-reductase/flavanone 4-reductase isoform 1
maker-5-augustus-gene-304.51-mRNA-1	Japonica	Indica		Os05g0589200	OsR498G0511434500.01.T06	RNA polymerase sigma factor sigC like
maker-5-augustus-gene-304.58-mRNA-1	Japonica	NA		Os05g0589600	OsR498G0511435300.01.T01	RGG repeats nuclear RNA binding protein A
maker-5-augustus-gene-304.61-mRNA-1	Japonica	NA			OsR498G0511430400.01.T02	IENR2 domain-containing protein (Fragment)
maker-5-augustus-gene-304.65-mRNA-1	Japonica	Indica		Os05g0587700	OsR498G0511430600.01.T02	Protein trichome birefringence
maker-5-augustus-gene-304.69-mRNA-1	Japonica	Indica		Os01g0612500	OsR498G0511431200.01.T01	Acyl-protein thioesterase 2
maker-5-augustus-gene-304.73-mRNA-1	Japonica	NA		Os05g0588200		Protein PARTING DANCERS homolog
maker-5-augustus-gene-304.75-mRNA-1	Japonica	NA		Os05g0588500	OsR498G0511432600.01.T01	Bidirectional sugar transporter SWEET
maker-5-augustus-gene-304.77-mRNA-1	Japonica	NA				Paired amphipathic helix protein Sin3
maker-5-augustus-gene-304.83-mRNA-1	Japonica	NA		Os05g0588850	OsR498G0511434000.01.T01	Adenosinetriphosphatase
maker-5-augustus-gene-304.85-mRNA-1	Japonica	Indica		Os01g0605100	OsR498G0511434200.01.T01	Adenosinetriphosphatase
maker-5-augustus-gene-304.89-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0511435600.01.T05	Protein kinase protein with adenine nucleotide alpha hydrolase-like domain
maker-5-augustus-gene-305.39-mRNA-1	Japonica	NA		Os05g0590100	OsR498G0511436300.01.T01	Phosphatidylinositol 4-kinase type 2-beta
maker-5-augustus-gene-305.41-mRNA-1	Japonica	NA				
maker-5-augustus-gene-305.43-mRNA-1	Japonica	NA		Os05g0591600	OsR498G0511441300.01.T01	Cytokinin riboside 5'-monophosphate phosphoribohydrolase LOG
maker-5-augustus-gene-305.47-mRNA-1	Japonica	NA		Os05g0590300	OsR498G0511436800.01.T01	AB hydrolase-1 domain-containing protein
maker-5-augustus-gene-306.0-mRNA-1	Japonica	NA			OsR498G0511443700.01.T01	SHSP domain-containing protein
maker-5-augustus-gene-306.13-mRNA-1	Japonica	NA		Os05g0592500	OsR498G0511445300.01.T07	Serine/threonine-protein phosphatase 6 regulatory subunit 2
maker-5-augustus-gene-306.19-mRNA-1	Japonica	NA		Os05g0591900	OsR498G0511443400.01.T04	Hypersensitive-induced response protein 1
maker-5-augustus-gene-306.2-mRNA-1	Japonica	NA		Os05g0592300	OsR498G0511444700.01.T03	Cysteine dioxygenase
maker-5-augustus-gene-306.22-mRNA-1	Japonica	NA		Os05g0592100	OsR498G0511444000.01.T01	ATP-dependent Clp protease proteolytic subunit
maker-5-augustus-gene-306.27-mRNA-1	Japonica	NA		Os05g0592600	OsR498G0511445600.01.T02	Translation initiation factor IF-2
maker-5-augustus-gene-306.32-mRNA-1	Japonica	NA		Os05g0592800	OsR498G0511446600.01.T01	Protein-serine/threonine phosphatase
maker-5-augustus-gene-306.36-mRNA-1	Japonica	NA		Os05g0593100	OsR498G0511447000.01.T01	V-type proton ATPase subunit C
maker-5-augustus-gene-306.42-mRNA-1	Japonica	NA		Os05g0593200	OsR498G0511447200.01.T01	V-type proton ATPase subunit C

maker-5-augustus-gene-306.44-mRNA-1	Japonica	NA				Chromatin modification-related protein EAF1 A
maker-5-augustus-gene-306.51-mRNA-1	Japonica	NA				Casein kinase I isoform delta-like
maker-5-augustus-gene-306.8-mRNA-1	Japonica	NA		Os05g0592400	OsR498G0511445100.01.T02	DNA damage-binding protein 1
maker-5-augustus-gene-31.16-mRNA-1	Japonica	NA				
maker-5-augustus-gene-31.23-mRNA-1	Japonica	NA		Os05g0154800	OsR498G0509767300.01.T01	U1 small nuclear ribonucleoprotein A/U2 small nuclear ribonucleoprotein B
maker-5-augustus-gene-31.26-mRNA-1	Japonica	NA	LRR-TM	Os05g0154300	OsR498G0509763000.01.T01	Putative receptor protein kinase TMK1
maker-5-augustus-gene-31.28-mRNA-1	Japonica	NA		Os05g0154500	OsR498G0509766400.01.T01	Gamma-tubulin complex component
maker-5-augustus-gene-31.35-mRNA-1	Japonica	NA		Os05g0154900	OsR498G0509767600.01.T01	Mediator of RNA polymerase II transcription subunit like
maker-5-augustus-gene-32.0-mRNA-1	Japonica	NA		Os05g0155100	OsR498G0509768100.01.T01	60S ribosomal protein l18
maker-5-augustus-gene-32.11-mRNA-1	Japonica	NA		Os05g0156200	OsR498G0509772300.01.T01	Pollen-specific LRR extensin-like protein
maker-5-augustus-gene-32.20-mRNA-1	Japonica	NA		Os05g0155000	OsR498G0509768000.01.T04	3-hydroxyacyl-CoA dehydrogenase
maker-5-augustus-gene-32.26-mRNA-1	Japonica	NA		Os05g0155200	OsR498G0509768400.01.T02	Ethylene receptor
maker-5-augustus-gene-32.29-mRNA-1	Japonica	NA		Os05g0155500	OsR498G0509769800.01.T01	Importin subunit alpha
maker-5-augustus-gene-32.3-mRNA-1	Japonica	NA		Os05g0155300	OsR498G0509768700.01.T01	NifU-like protein 4 mitochondrial
maker-5-augustus-gene-32.34-mRNA-1	Japonica	NA		Os05g0156300	OsR498G0509772600.01.T02	Protein disulfide-isomerase
maker-5-augustus-gene-32.40-mRNA-1	Japonica	NA		Os05g0156600	OsR498G0509773400.01.T02	Tubulin gamma chain
maker-5-augustus-gene-32.7-mRNA-1	Japonica	NA		Os05g0155700	OsR498G0509769900.01.T01	Heparan-alpha-glucosaminide N-acetyltransferase isoform C
maker-5-augustus-gene-33.0-mRNA-1	Japonica	Indica		Os01g0337600	OsR498G0509774100.01.T01	SMK-1 domain-containing protein
maker-5-augustus-gene-33.19-mRNA-1	Japonica	NA			OsR498G0509777500.01.T02	SWIB domain-containing protein
maker-5-augustus-gene-33.21-mRNA-1	Japonica	Indica		Os01g0337900	OsR498G0509773600.01.T02	Dihydrolipoyl dehydrogenase
maker-5-augustus-gene-33.26-mRNA-1	Japonica	NA		Os05g0155900	OsR498G0509774400.01.T01	H(+)-exporting diphosphatase
maker-5-augustus-gene-33.28-mRNA-1	Japonica	NA		Os05g0157200	OsR498G0509774800.01.T01	Usp domain-containing protein
maker-5-augustus-gene-33.31-mRNA-1	Japonica	NA		Os05g0157300	OsR498G0509775000.01.T02	ABC transporter E family member 2 like (Fragment)
maker-5-augustus-gene-33.5-mRNA-1	Japonica	NA		Os05g0158200	OsR498G0509780300.01.T01	
maker-5-augustus-gene-33.8-mRNA-1	Japonica	Japonica		Os05g0157600	OsR498G0509776500.01.T01	
maker-5-augustus-gene-34.22-mRNA-1	Japonica	NA		Os05g0158200	OsR498G0509780300.01.T01	
maker-5-augustus-gene-34.28-mRNA-1	Japonica	NA		Os05g0158400	OsR498G0509781100.01.T01	
maker-5-augustus-gene-34.33-mRNA-1	Japonica	NA		Os05g0158600	OsR498G0509783500.01.T01	Gibberellin 2-beta-dioxygenase 1
maker-5-augustus-gene-34.35-mRNA-1	Japonica	Japonica		Os05g0159000	OsR498G0509784700.01.T01	E3 ubiquitin-protein ligase UPL6
maker-5-augustus-gene-34.41-mRNA-1	Japonica	NA		Os05g0159100	OsR498G0509784900.01.T02	Golgi apparatus membrane protein TVP23
maker-5-augustus-gene-34.45-mRNA-1	Japonica	NA		Os05g0158500	OsR498G0509781400.01.T02	Carboxypeptidase
maker-5-augustus-gene-34.50-mRNA-1	Japonica	NA		Os05g0159200	OsR498G0509785200.01.T01	Putative lipolytic protein (Fragment)
maker-5-augustus-gene-34.52-mRNA-1	Japonica	NA				GDSL esterase/lipase
maker-5-augustus-gene-35.0-mRNA-1	Japonica	Indica		Os01g0328700	OsR498G0509787700.01.T01	Dihydrolipoyl dehydrogenase
maker-5-augustus-gene-35.15-mRNA-1	Japonica	NA				
maker-5-augustus-gene-35.16-mRNA-1	Japonica	NA		Os05g0160600	OsR498G0509791800.01.T01	
maker-5-augustus-gene-35.6-mRNA-1	Japonica	NA			OsR498G0509791800.01.T05	
maker-5-augustus-gene-35.8-mRNA-1	Japonica	NA		Os05g0160800	OsR498G0509792300.01.T01	DNA polymerase epsilon subunit B
maker-5-augustus-gene-36.36-mRNA-1	Japonica	NA		Os05g0161200	OsR498G0509792700.01.T01	GTP diphosphokinase
maker-5-augustus-gene-36.39-mRNA-1	Japonica	NA		Os05g0161400	OsR498G0509792900.01.T06	GTP diphosphokinase
maker-5-augustus-gene-36.44-mRNA-1	Japonica	NA		Os05g0161500	OsR498G0509793900.01.T01	GTP diphosphokinase
maker-5-augustus-gene-36.48-mRNA-1	Japonica	NA			OsR498G0509797500.01.T01	Arginyl-tRNA synthetase
maker-5-augustus-gene-36.63-mRNA-1	Japonica	NA		Os05g0162600		Arginine/serine-rich splicing factor
maker-5-augustus-gene-36.69-mRNA-1	Japonica	NA		Os05g0163100	OsR498G0509797800.01.T01	PHD finger protein ALFIN-LIKE 2-like
maker-5-augustus-gene-36.72-mRNA-1	Japonica	NA			OsR498G0509798200.01.T01	Pre-mRNA-processing-splicing factor 8A
maker-5-augustus-gene-37.12-mRNA-1	Japonica	NA		Os05g0163700	OsR498G0509800400.01.T02	Acyl-coenzyme A oxidase 4 peroxisomal
maker-5-augustus-gene-37.18-mRNA-1	Japonica	NA			OsR498G0509803000.01.T01	PDZ domain-containing protein
maker-5-augustus-gene-37.20-mRNA-1	Japonica	NA			OsR498G0509803400.01.T01	PDZ domain-containing protein
maker-5-augustus-gene-37.22-mRNA-1	Japonica	NA		Os05g0164800	OsR498G0509804000.01.T02	Zinc transporter 6 chloroplastic
maker-5-augustus-gene-37.24-mRNA-1	Japonica	NA		Os05g0164900	OsR498G0509804600.01.T01	DCD domain-containing protein (Fragment)
maker-5-augustus-gene-37.3-mRNA-1	Japonica	NA		Os05g0164100	OsR498G0509801900.01.T06	6-phosphofructo-2-kinase/fructose-26-bisphosphatase
maker-5-augustus-gene-37.9-mRNA-1	Japonica	NA		Os05g0163400	OsR498G0509799000.01.T04	E3 ubiquitin-protein ligase MBR1
maker-5-augustus-gene-38.32-mRNA-1	Japonica	Japonica		Os05g0165400	OsR498G0509807300.01.T05	Phosphatidylinositol N-acetylglucosaminyltransferase
maker-5-augustus-gene-38.35-mRNA-1	Japonica	Japonica		Os05g0165450	OsR498G0509807600.01.T01	LOB domain-containing protein 13
maker-5-augustus-gene-39.0-mRNA-1	Japonica	NA		Os05g0168400	OsR498G0509820300.01.T01	Putative NT domain of poly(A) polymerase and terminal uridylyl transferase
maker-5-augustus-gene-39.14-mRNA-1	Japonica	NA		Os05g0168300	OsR498G0509820000.01.T02	5-amino-6-(5-phospho-D-ribitylamino)uracil phosphatase, chloroplastic
maker-5-augustus-gene-39.20-mRNA-1	Japonica	NA		Os05g0168700	OsR498G0509822000.01.T03	TPT domain-containing protein
maker-5-augustus-gene-39.26-mRNA-1	Japonica	NA		Os05g0169000	OsR498G0509823000.01.T01	Thioredoxin H-type like
maker-5-augustus-gene-39.3-mRNA-1	Japonica	NA		Os05g0169100	OsR498G0509823300.01.T02	60S ribosomal protein L10
maker-5-augustus-gene-4.40-mRNA-1	Japonica	Japonica		Os05g0107700	OsR498G0102771100.01.T01	Transcription initiation factor IIA subunit 2
maker-5-augustus-gene-4.44-mRNA-1	Japonica	NA		Os05g0107900	OsR498G0509577900.01.T03	Drought-induced 19

maker-5-augustus-gene-4.55-mRNA-1	Japonica	Indica		Os05g0106900	OsR498G0509576000.01.T01	F-box domain-containing protein
maker-5-augustus-gene-4.58-mRNA-1	Japonica	Indica		Os05g0107000	OsR498G0509576200.01.T01	Pentatricopeptide repeat
maker-5-augustus-gene-4.60-mRNA-1	Japonica	NA		Os05g0107600	OsR498G0509577000.01.T01	ABC transporter D family member 1 like
maker-5-augustus-gene-40.0-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os01g0170300	OsR498G0509825300.01.T01	Mitogen-activated protein kinase kinase
maker-5-augustus-gene-40.11-mRNA-1	Japonica	NA		Os05g0171300	OsR498G0509832300.01.T01	Adenine nucleotide transporter BT1 chloroplastic/mitochondrial
maker-5-augustus-gene-41.9-mRNA-1	Japonica	NA			OsR498G0509838800.01.T01	
maker-5-augustus-gene-45.16-mRNA-1	Japonica	NA		Os05g0176100	OsR498G0509847200.01.T01	Cellulose synthase
maker-5-augustus-gene-45.9-mRNA-1	Japonica	Japonica		Os05g0177000	OsR498G0509849900.01.T01	F-box domain-containing protein (Fragment)
maker-5-augustus-gene-46.40-mRNA-1	Japonica	Japonica		Os05g0178000	OsR498G0509852900.01.T01	NPH3 domain-containing protein (Fragment)
maker-5-augustus-gene-46.42-mRNA-1	Japonica	NA			OsR498G0509856500.01.T01	Pre-mRNA-splicing factor 38
maker-5-augustus-gene-46.47-mRNA-1	Japonica	NA		Os05g0178100	OsR498G0509853400.01.T01	GA 3beta-hydroxylase
maker-5-augustus-gene-46.49-mRNA-1	Japonica	NA		Os05g0178600	OsR498G0509854200.01.T01	Auxin-responsive protein (Fragment)
maker-5-augustus-gene-47.29-mRNA-1	Japonica	NA		Os05g0179800	OsR498G0509864300.01.T03	nuclear ubiquitous casein and cyclin-dependent kinase substrate 1-like isofo
maker-5-augustus-gene-47.32-mRNA-1	Japonica	NA		Os05g0179300	OsR498G0509860600.01.T01	3'-N-debenzoyl-2'-deoxytaxol N-benzoyltransferase
maker-5-augustus-gene-47.34-mRNA-1	Japonica	NA				
maker-5-augustus-gene-47.36-mRNA-1	Japonica	Japonica		Os05g0179900	OsR498G0509865400.01.T01	Glycosyltransferase
maker-5-augustus-gene-48.0-mRNA-1	Japonica	NA		Os05g0181000	OsR498G0509868500.01.T01	Heat shock protein 4
maker-5-augustus-gene-48.15-mRNA-1	Japonica	Indica		Os01g0183633	OsR498G0509869000.01.T01	Ribosomal protein L18ae family
maker-5-augustus-gene-48.3-mRNA-1	Japonica	NA		Os05g0180400	OsR498G0509867000.01.T01	MAR-binding filament-like protein 1
maker-5-augustus-gene-48.6-mRNA-1	Japonica	Indica		Os05g0180500	OsR498G0509867200.01.T02	FLZ-type domain-containing protein (Fragment)
maker-5-augustus-gene-48.9-mRNA-1	Japonica	NA		Os05g0180600	OsR498G0509867800.01.T06	Phosphatidylinositol 3-kinase
maker-5-augustus-gene-49.0-mRNA-1	Japonica	NA		Os05g0182500	OsR498G0509872900.01.T03	Ubiquitin-fold modifier-conjugating enzyme
maker-5-augustus-gene-49.13-mRNA-1	Japonica	NA		Os05g0182100	OsR498G0509872400.01.T02	Protein SLOW GREEN 1 chloroplastic
maker-5-augustus-gene-49.16-mRNA-1	Japonica	NA			OsR498G0509872600.01.T01	Hypoxanthine phosphoribosyltransferase
maker-5-augustus-gene-5.49-mRNA-1	Japonica	Indica		Os07g0573600	OsR498G0509580700.01.T01	Nucleotide excision repair, TFIIH, subunit TTDA
maker-5-augustus-gene-5.50-mRNA-1	Japonica	NA		Os05g0108600	OsR498G0509580900.01.T01	Xylem cysteine proteinase 1
maker-5-augustus-gene-5.52-mRNA-1	Japonica	NA		Os05g0108800	OsR498G0509581100.01.T01	Cytochrome b5 heme-binding domain-containing protein
maker-5-augustus-gene-5.55-mRNA-1	Japonica	NA		Os09g0120100	OsR498G0916711900.01.T01	
maker-5-augustus-gene-5.58-mRNA-1	Japonica	NA		Os05g0110300	OsR498G0509585100.01.T03	Putative 3-beta hydroxysteroid dehydrogenase/isomerase protein
maker-5-augustus-gene-5.61-mRNA-1	Japonica	NA		Os05g0108000	OsR498G0509578200.01.T02	H/ACA ribonucleoprotein complex subunit 4
maker-5-augustus-gene-5.65-mRNA-1	Japonica	NA		Os05g0108100	OsR498G0509578400.01.T02	Lysine ketoglutarate reductase trans-splicing related 1
maker-5-augustus-gene-5.70-mRNA-1	Japonica	NA				Mutator-like transposase
maker-5-augustus-gene-5.74-mRNA-1	Japonica	Indica		Os01g0971900	OsR498G0509582000.01.T02	Pumilio 2 like
maker-5-augustus-gene-53.11-mRNA-1	Japonica	NA		Os05g0187600		Aspartic proteinase nepenthesin-1
maker-5-augustus-gene-53.20-mRNA-1	Japonica	NA			OsR498G0509900800.01.T01	Derlin
maker-5-augustus-gene-54.37-mRNA-1	Japonica	NA		Os05g0188500	OsR498G0509902300.01.T01	SCD domain-containing protein (Fragment)
maker-5-augustus-gene-54.45-mRNA-1	Japonica	NA		Os05g0188600	OsR498G0509903100.01.T01	Nodulin homeobox
maker-5-augustus-gene-54.53-mRNA-1	Japonica	NA		Os05g0188800	OsR498G0509903500.01.T02	Ubiquinone biosynthesis protein COQ4 homolog, mitochondrial
maker-5-augustus-gene-54.56-mRNA-1	Japonica	Japonica		Os05g0188900	OsR498G0509907200.01.T01	Stem 28 kDa glycoprotein (Fragment)
maker-5-augustus-gene-56.9-mRNA-1	Japonica	NA			OsR498G0509916000.01.T03	Cullin, N-terminal
maker-5-augustus-gene-6.0-mRNA-1	Japonica	NA		Os05g0110500	OsR498G0509585700.01.T01	DEAD-box ATP-dependent RNA helicase
maker-5-augustus-gene-6.15-mRNA-1	Japonica	NA			OsR498G0509589100.01.T02	Metallothionein-like protein 2C
maker-5-augustus-gene-6.18-mRNA-1	Japonica	NA			OsR498G0509589700.01.T01	Pyruvate dehydrogenase phosphatase
maker-5-augustus-gene-6.20-mRNA-1	Japonica	Indica		Os01g0974500	OsR498G0509591700.01.T03	Pectin acetylsterase
maker-5-augustus-gene-6.26-mRNA-1	Japonica	NA		Os05g0110600	OsR498G0509586000.01.T01	Rab5-interacting protein family
maker-5-augustus-gene-6.28-mRNA-1	Japonica	NA		Os05g0110700	OsR498G0509586200.01.T01	Kinetochore protein spc25
maker-5-augustus-gene-6.35-mRNA-1	Japonica	NA		Os05g0111100	OsR498G0509588400.01.T02	Mitochondrial import inner membrane translocase subunit TIM9
maker-5-augustus-gene-6.37-mRNA-1	Japonica	NA		Os05g0112000	OsR498G0509592000.01.T01	E3 ubiquitin-protein ligase XB3
maker-5-augustus-gene-6.4-mRNA-1	Japonica	Indica		Os05g0110800	OsR498G0509586500.01.T01	PGR5-like protein 1A, chloroplastic
maker-5-augustus-gene-6.41-mRNA-1	Japonica	Indica		Os05g0112200	OsR498G0509593800.01.T01	Dof zinc finger protein 5
maker-5-augustus-gene-6.8-mRNA-1	Japonica	NA		Os05g0111000	OsR498G0509588100.01.T01	Replication protein A subunit
maker-5-augustus-gene-67.23-mRNA-1	Japonica	NA		Os05g0209400	OsR498G0509996500.01.T01	NUDIX hydrolase domain
maker-5-augustus-gene-67.25-mRNA-1	Japonica	NA		Os05g0209500	OsR498G0509996700.01.T01	Transmembrane protein, putative
maker-5-augustus-gene-67.27-mRNA-1	Japonica	NA		Os05g0209600	OsR498G0509997700.01.T01	GDSL esterase/lipase
maker-5-augustus-gene-67.34-mRNA-1	Japonica	NA		Os05g0209100	OsR498G0509995400.01.T01	alpha-1,2-Mannosidase
maker-5-augustus-gene-68.1-mRNA-1	Japonica	NA		Os05g0210100	OsR498G0509999700.01.T02	GDSL esterase/lipase
maker-5-augustus-gene-68.10-mRNA-1	Japonica	Japonica		Os05g0210500	OsR498G0510001000.01.T02	TIMELESS domain-containing protein
maker-5-augustus-gene-68.14-mRNA-1	Japonica	NA		Os05g0211100	OsR498G0510002400.01.T01	Obtusifolii 14-alpha demethylase
maker-5-augustus-gene-68.3-mRNA-1	Japonica	NA		Os05g0210400	OsR498G0510000700.01.T01	GdsI esterelipase
maker-5-augustus-gene-68.5-mRNA-1	Japonica	Indica		Os05g0210600	OsR498G0510001300.01.T02	TPR repeat-containing thioredoxin TTL1
maker-5-augustus-gene-69.29-mRNA-1	Japonica	Japonica		Os05g0212200	OsR498G0510003400.01.T04	Brassinosteroid LRR receptor kinase

maker-5-augustus-gene-69.32-mRNA-1	Japonica	NA		Os05g0212300	OsR498G0510004600.01.T01	Endoglucanase
maker-5-augustus-gene-69.34-mRNA-1	Japonica	NA		Os05g0212400	OsR498G0510005600.01.T05	Putative helicase with zinc finger domain
maker-5-augustus-gene-69.39-mRNA-1	Japonica	NA				Replication protein A DNA-binding subunit B
maker-5-augustus-gene-69.42-mRNA-1	Japonica	NA		Os05g0212900	OsR498G0510009000.01.T01	Putative chalcone synthase
maker-5-augustus-gene-69.44-mRNA-1	Japonica	Indica		Os05g0212900	OsR498G0510010200.01.T01	Putative chalcone synthase
maker-5-augustus-gene-7.43-mRNA-1	Japonica	Indica		Os05g0113000	OsR498G0509597100.01.T01	ACT domain-containing protein ACR9
maker-5-augustus-gene-7.46-mRNA-1	Japonica	NA		Os05g0113300	OsR498G0509597500.01.T01	Cation/H(+) antiporter like
maker-5-augustus-gene-7.48-mRNA-1	Japonica	NA		Os05g0113400	OsR498G0509597700.01.T01	Actin-depolymerizing factor 7
maker-5-augustus-gene-7.50-mRNA-1	Japonica	NA		Os05g0113500	OsR498G0509598000.01.T02	BRI1-KD interacting protein 130
maker-5-augustus-gene-7.52-mRNA-1	Japonica	NA		Os05g0114000	OsR498G0509597400.01.T02	Inorganic diphosphatase
maker-5-augustus-gene-73.33-mRNA-1	Japonica	NA				HAT-like transposase
maker-5-augustus-gene-78.37-mRNA-1	Japonica	NA			OsR498G0510073600.01.T02	BHLH domain-containing protein
maker-5-augustus-gene-8.0-mRNA-1	Japonica	NA			OsR498G0509600700.01.T01	Tyrosine sulfotransferase-like protein
maker-5-augustus-gene-8.14-mRNA-1	Japonica	NA			OsR498G0509598400.01.T01	Type I inositol polyphosphate 5-phosphatase
maker-5-augustus-gene-8.16-mRNA-1	Japonica	NA		Os05g0114500	OsR498G0509600600.01.T01	28 kDa ribonucleoprotein, chloroplastic
maker-5-augustus-gene-8.3-mRNA-1	Japonica	NA			OsR498G0509601700.01.T01	Myb-related protein MYBAS2
maker-5-augustus-gene-8.5-mRNA-1	Japonica	NA		Os05g0115100	OsR498G0509604700.01.T01	probable basic-leucine zipper transcription factor R
maker-5-augustus-gene-8.7-mRNA-1	Japonica	Japonica		Os05g0115600	OsR498G0509605500.01.T01	DUF569 domain-containing protein
maker-5-augustus-gene-8.9-mRNA-1	Japonica	NA		Os05g0115700	OsR498G0509605700.01.T01	UDP-galactose/UDP-glucose transporter 5
maker-5-augustus-gene-80.0-mRNA-1	Japonica	NA		Os05g0230600	OsR498G0510081500.01.T01	ER membrane protein complex subunit 1
maker-5-augustus-gene-80.11-mRNA-1	Japonica	NA		Os05g0232200	OsR498G0510087900.01.T04	
maker-5-augustus-gene-80.16-mRNA-1	Japonica	Indica		Os05g0230900	OsR498G0510083800.01.T01	Glyoxalase I
maker-5-augustus-gene-80.21-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0510084400.01.T01	Glyoxalase I
maker-5-augustus-gene-80.23-mRNA-1	Japonica	NA		Os05g0231900	OsR498G0510087000.01.T01	Peroxidase
maker-5-augustus-gene-80.6-mRNA-1	Japonica	Indica		Os01g0231000	OsR498G0510083100.01.T03	Auxin-responsive protein (Fragment)
maker-5-augustus-gene-80.9-mRNA-1	Japonica	NA		Os05g0231700	OsR498G0510086700.01.T02	Aquaporin TIP4-1
maker-5-augustus-gene-81.0-mRNA-1	Japonica	NA		Os05g0232500	OsR498G0510088700.01.T01	Putative ubiquitin-onjugating enzyme E2
maker-5-augustus-gene-81.10-mRNA-1	Japonica	NA		Os01g0722550		HAT dimerization domain-containing protein / transposase-related
maker-5-augustus-gene-81.4-mRNA-1	Japonica	NA			OsR498G0510091900.01.T02	WRKY domain-containing protein (Fragment)
maker-5-augustus-gene-81.6-mRNA-1	Japonica	NA			OsR498G0612347800.01.T01	DUF223 domain-containing protein
maker-5-augustus-gene-82.0-mRNA-1	Japonica	NA		Os05g0234700		TTF-type zinc finger protein with HAT dimerization domain
maker-5-augustus-gene-82.3-mRNA-1	Japonica	NA				Transposon protein, putative, CACTA, En/Spm sub-class
maker-5-augustus-gene-82.6-mRNA-1	Japonica	NA		Os05g0233900		HAT family dimerisation domain containing protein, expressed
maker-5-augustus-gene-83.15-mRNA-1	Japonica	NA		Os05g0235300	OsR498G0510103900.01.T10	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-83.26-mRNA-1	Japonica	NA				Nucleosome assembly protein 1
maker-5-augustus-gene-83.29-mRNA-1	Japonica	NA		Os05g0235800	OsR498G0510105500.01.T01	DNA helicase
maker-5-augustus-gene-84.38-mRNA-1	Japonica	Indica		Os05g0237100	OsR498G0510107300.01.T04	Cyclin N-terminal domain-containing protein (Fragment)
maker-5-augustus-gene-84.44-mRNA-1	Japonica	NA	Kinase-TM	Os05g0237400	OsR498G0510107900.01.T01	Serine/threonine-protein kinase D6PKL1
maker-5-augustus-gene-84.46-mRNA-1	Japonica	NA		Os05g0237200		Cytochrome b561 and DOMON domain-containing protein isoform B
maker-5-augustus-gene-84.48-mRNA-1	Japonica	NA			OsR498G0510107600.01.T01	Cytochrome b561 and DOMON domain-containing protein
maker-5-augustus-gene-84.55-mRNA-1	Japonica	Japonica		Os05g0237700	OsR498G0612375300.01.T06	Terpene cyclase/mutase family member
maker-5-augustus-gene-85.0-mRNA-1	Japonica	NA		Os05g0238200	OsR498G0510111700.01.T02	RING-type E3 ubiquitin transferase
maker-5-augustus-gene-85.11-mRNA-1	Japonica	Indica		Os08g0127100	OsR498G0510111400.01.T01	Lysine histidine transporter like
maker-5-augustus-gene-85.13-mRNA-1	Japonica	NA			OsR498G0510118600.01.T01	Retrotransposon protein, putative, Ty3-gypsy subclass
maker-5-augustus-gene-85.3-mRNA-1	Japonica	NA			OsR498G0510115900.01.T01	
maker-5-augustus-gene-85.5-mRNA-1	Japonica	NA			OsR498G0510117300.01.T01	
maker-5-augustus-gene-85.8-mRNA-1	Japonica	NA			OsR498G0510118100.01.T06	
maker-5-augustus-gene-86.0-mRNA-1	Japonica	NA		Os05g0241200	OsR498G0510124100.01.T01	Triose phosphate/phosphate translocator TPT chloroplastic
maker-5-augustus-gene-86.11-mRNA-1	Japonica	NA		Os05g0241000	OsR498G0510123000.01.T02	WPP domain-interacting tail-anchored protein 1
maker-5-augustus-gene-86.13-mRNA-1	Japonica	NA		Os05g0241400	OsR498G0510125200.01.T02	Profilin
maker-5-augustus-gene-86.6-mRNA-1	Japonica	NA	NBS-TM	Os05g0240200	OsR498G0510120000.01.T03	TOPLLESS-related 1 isoform 2
maker-5-augustus-gene-87.2-mRNA-1	Japonica	NA		Os05g0243300	OsR498G0510127200.01.T04	Large subunit ribosomal protein L13
maker-5-augustus-gene-87.4-mRNA-1	Japonica	NA			OsR498G0510127600.01.T02	Large subunit ribosomal protein L13
maker-5-augustus-gene-87.7-mRNA-1	Japonica	Indica		Os05g0243300	OsR498G0510127600.01.T02	Ribosomal protein L13
maker-5-augustus-gene-88.0-mRNA-1	Japonica	NA		Os05g0244500	OsR498G0510128200.01.T02	Mannan endo-1,4-beta-mannosidase
maker-5-augustus-gene-88.1-mRNA-1	Japonica	NA		Os05g0244500	OsR498G0510128200.01.T04	Mannan endo-1,4-beta-mannosidase
maker-5-augustus-gene-88.10-mRNA-1	Japonica	NA		Os05g0244700	OsR498G0510128800.01.T01	D-amino-acid transaminase, chloroplastic isoform X1
maker-5-augustus-gene-88.8-mRNA-1	Japonica	Japonica		Os05g0244600	OsR498G0510128400.01.T01	OB-fold nucleic acid binding domain containing protein
maker-5-augustus-gene-89.0-mRNA-1	Japonica	NA	Kinase-LRR-TM			Putative leucine-rich repeat receptor-like protein kinase
maker-5-augustus-gene-89.4-mRNA-1	Japonica	NA		Os05g0245300	OsR498G0510129800.01.T01	
maker-5-augustus-gene-89.6-mRNA-1	Japonica	NA		Os05g0246300	OsR498G0510131000.01.T01	Expansin-B2 like

maker-5-augustus-gene-9.42-mRNA-1	Japonica	NA			OsR498G0509609100.01.T01	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P-related
maker-5-augustus-gene-9.45-mRNA-1	Japonica	NA		Os05g0117500	OsR498G0509610300.01.T01	NUDIX hydrolase domain
maker-5-augustus-gene-9.51-mRNA-1	Japonica	NA		Os05g0117600	OsR498G0509610500.01.T01	E3 UFM1-protein ligase 1 like
maker-5-augustus-gene-9.57-mRNA-1	Japonica	NA		Os05g0117798	OsR498G0509611500.01.T02	Kinesin-like protein KIN-5A
maker-5-augustus-gene-9.64-mRNA-1	Japonica	NA		Os05g0115900	OsR498G0509606200.01.T04	Beta-N-acetylhexosaminidase
maker-5-augustus-gene-9.70-mRNA-1	Japonica	NA		Os05g0116000	OsR498G0509606600.01.T01	Glutelin type-D-1
maker-5-augustus-gene-9.72-mRNA-1	Japonica	Indica		Os05g0116100	OsR498G0509606800.01.T01	Dehydroascorbate reductase
maker-5-augustus-gene-9.76-mRNA-1	Japonica	Indica		Os05g0116500	OsR498G0509608800.01.T01	
maker-5-augustus-gene-9.78-mRNA-1	Japonica	Indica		Os05g0117864	OsR498G0509611800.01.T02	Nuclear factor
maker-5-augustus-gene-90.0-mRNA-1	Japonica	NA		Os05g0247800	OsR498G0510138100.01.T01	Xylanase inhibitor protein XIP
maker-5-augustus-gene-90.1-mRNA-1	Japonica	NA		Os05g0248300		
maker-5-augustus-gene-90.3-mRNA-1	Japonica	NA		Os05g0247900	OsR498G0510138800.01.T02	Switch 2
maker-5-augustus-gene-91.0-mRNA-1	Japonica	NA				CCHC-type domain-containing protein
maker-5-augustus-gene-91.1-mRNA-1	Japonica	Indica		Os05g0250101	OsR498G0510143400.01.T01	DUF1618 domain-containing protein (Fragment)
maker-5-augustus-gene-91.2-mRNA-1	Japonica	Japonica		Os05g0249100	OsR498G0510145600.01.T01	
maker-5-augustus-gene-92.37-mRNA-1	Japonica	NA		Os11g0704000	OsR498G1120768100.01.T01	selenoprotein H
maker-5-augustus-gene-92.40-mRNA-1	Japonica	NA		Os05g0251400	OsR498G0510151900.01.T01	
maker-5-augustus-gene-92.43-mRNA-1	Japonica	NA		Os05g0250101		DUF1618 domain-containing protein (Fragment)
maker-5-augustus-gene-92.46-mRNA-1	Japonica	Indica		Os05g0251300	OsR498G0510147800.01.T01	DUF1618 domain-containing protein (Fragment)
maker-5-augustus-gene-92.48-mRNA-1	Japonica	NA		Os05g0251300	OsR498G0510151800.01.T01	DUF1618 domain-containing protein (Fragment)
maker-5-augustus-gene-92.50-mRNA-1	Japonica	NA		Os05g0250700		NB-ARC domain, putative
maker-5-augustus-gene-92.53-mRNA-1	Japonica	Japonica		Os05g0251300	OsR498G0510151800.01.T01	DUF1618 domain-containing protein (Fragment)
maker-5-augustus-gene-93.0-mRNA-1	Japonica	NA		Os12g0468900	OsR498G0713579700.01.T01	Cell wall protein-like
maker-5-augustus-gene-93.2-mRNA-1	Japonica	NA		Os05g0251900	OsR498G0510154600.01.T01	Putative metal-nicotianamine transporter YSL3
maker-5-augustus-gene-93.5-mRNA-1	Japonica	NA		Os05g0252000	OsR498G0510155000.01.T01	Putative metal-nicotianamine transporter YSL3
maker-5-augustus-gene-93.7-mRNA-1	Japonica	NA		Os05g0252100	OsR498G0510155400.01.T01	Lipase, putative, expressed
maker-5-augustus-gene-93.9-mRNA-1	Japonica	NA				Transposon protein, putative, CACTA, En/Spm sub-class, expressed
maker-5-augustus-gene-94.42-mRNA-1	Japonica	Indica		Os05g0257100	OsR498G0510160500.01.T03	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-94.45-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os04g0291900	OsR498G0510160500.01.T05	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-95.0-mRNA-1	Japonica	NA		Os05g0255600	OsR498G0510164300.01.T01	Thioredoxin domain-containing protein 9
maker-5-augustus-gene-95.16-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os04g0291900	OsR498G0510174900.01.T02	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-95.6-mRNA-1	Japonica	NA			OsR498G0510164700.01.T03	HAT transposon superfamily isoform 2
maker-5-augustus-gene-95.9-mRNA-1	Japonica	NA		Os05g0256000	OsR498G0510166100.01.T02	Eukaryotic translation initiation factor 3 subunit I
maker-5-augustus-gene-96.0-mRNA-1	Japonica	NA		Os11g0500100		HAT dimerization domain-containing protein / transposase-related
maker-5-augustus-gene-96.10-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os05g0257100	OsR498G0510172500.01.T03	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-96.3-mRNA-1	Japonica	Indica	LRR-TM	Os05g0257100	OsR498G0510169700.01.T01	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-96.6-mRNA-1	Japonica	Indica	Kinase-TM	Os08g0203400	OsR498G0510169900.01.T02	Non-specific serine/threonine protein kinase
maker-6-augustus-gene-1.33-mRNA-1	Japonica	NA				Acyl-CoA N-acyltransferase with RING/FYVE/PHD-type zinc finger domain
maker-6-augustus-gene-1.37-mRNA-1	Japonica	NA			OsR498G0611466700.01.T06	Acyl-CoA N-acyltransferase with RING/FYVE/PHD-type zinc finger domain
maker-6-augustus-gene-1.41-mRNA-1	Japonica	NA		Os06g0101100	OsR498G0611466900.01.T01	Protein N-lysine methyltransferase METTL21A isoform A
maker-6-augustus-gene-1.43-mRNA-1	Japonica	Indica		Os06g0101800	OsR498G0611468800.01.T01	NAC transcription factor
maker-6-augustus-gene-100.4-mRNA-1	Japonica	NA			OsR498G0612153800.01.T01	PGG domain-containing protein (Fragment)
maker-6-augustus-gene-100.6-mRNA-1	Japonica	Indica		Os06g0286146	OsR498G0612154200.01.T01	PGG domain-containing protein (Fragment)
maker-6-augustus-gene-102.41-mRNA-1	Japonica	NA	CC-NBS-TM			NBS-LRR
maker-6-augustus-gene-102.42-mRNA-1	Japonica	NA	NBS-TM			Disease resistance protein RPM1
maker-6-augustus-gene-102.49-mRNA-1	Japonica	NA	NBS-TM		OsR498G0612165900.01.T03	Disease resistance protein RPM1
maker-6-augustus-gene-104.0-mRNA-1	Japonica	NA			OsR498G0612170100.01.T02	Usp domain-containing protein (Fragment)
maker-6-augustus-gene-104.4-mRNA-1	Japonica	Indica		Os06g0293100	OsR498G0612174700.01.T01	PGG domain-containing protein
maker-6-augustus-gene-104.6-mRNA-1	Japonica	NA	Kinase-TM	Os06g0291600	OsR498G0612170400.01.T02	serine/threonine-protein kinase D6PK
maker-6-augustus-gene-104.8-mRNA-1	Japonica	NA		Os06g0291800		Embryogenesis transmembrane protein
maker-6-augustus-gene-105.11-mRNA-1	Japonica	NA		Os06g0294600	OsR498G0612180200.01.T01	Cytochrome P450 family protein, expressed
maker-6-augustus-gene-105.5-mRNA-1	Japonica	Japonica		Os06g0293500	OsR498G0612176400.01.T01	
maker-6-augustus-gene-105.7-mRNA-1	Japonica	Japonica		Os06g0294000	OsR498G0612178800.01.T02	
maker-6-augustus-gene-105.9-mRNA-1	Japonica	NA		Os06g0294300	OsR498G0612179200.01.T01	Putative NBS-LRR type R protein (Pi2 R gene)
maker-6-augustus-gene-106.0-mRNA-1	Japonica	NA			OsR498G0612180900.01.T01	F-box domain-containing protein
maker-6-augustus-gene-106.10-mRNA-1	Japonica	Japonica		Os06g0296500	OsR498G1222153000.01.T01	Zeamatin
maker-6-augustus-gene-106.13-mRNA-1	Japonica	Indica		Os06g0294200	OsR498G0612180400.01.T01	Embryogenesis transmembrane protein-like
maker-6-augustus-gene-106.15-mRNA-1	Japonica	Japonica		Os06g0295500	OsR498G0612183000.01.T01	
maker-6-augustus-gene-106.17-mRNA-1	Japonica	Indica		Os06g0296200	OsR498G0612185200.01.T02	
maker-6-augustus-gene-106.19-mRNA-1	Japonica	Japonica		Os06g0296700	OsR498G0612185600.01.T01	Embryogenesis transmembrane protein-like
maker-6-augustus-gene-106.3-mRNA-1	Japonica	NA			OsR498G0612183500.01.T01	Embryogenesis transmembrane protein-like

maker-6-augustus-gene-106.6-mRNA-1	Japonica	NA				
maker-6-augustus-gene-106.8-mRNA-1	Japonica	NA				Embryogenesis transmembrane protein-like
maker-6-augustus-gene-107.0-mRNA-1	Japonica	NA		Os06g0297700	OsR498G0612190700.01.T02	Transmembrane protein 245
maker-6-augustus-gene-107.13-mRNA-1	Japonica	NA				Mitotic checkpoint serine/threonine-protein kinase BUB1
maker-6-augustus-gene-107.2-mRNA-1	Japonica	NA		Os06g0297800	OsR498G0612190900.01.T05	C2 calcium-dependent membrane targeting
maker-6-augustus-gene-107.7-mRNA-1	Japonica	Indica		Os02g0724500	OsR498G0612189800.01.T01	TPT domain-containing protein (Fragment)
maker-6-augustus-gene-108.40-mRNA-1	Japonica	Japonica		Os06g0298300	OsR498G0100204400.01.T01	Pentatricopeptide repeat-containing protein
maker-6-augustus-gene-108.42-mRNA-1	Japonica	Indica		Os06g0298400	OsR498G0612192700.01.T02	WW domain-containing protein
maker-6-augustus-gene-108.48-mRNA-1	Japonica	NA		Os06g0298200	OsR498G0612192000.01.T01	Zinc finger protein CONSTANS-LIKE 9
maker-6-augustus-gene-108.54-mRNA-1	Japonica	NA		Os06g0298500	OsR498G0612193200.01.T02	Protein translocase subunit SecA like
maker-6-augustus-gene-108.58-mRNA-1	Japonica	NA		Os06g0299100	OsR498G0612194600.01.T01	Hydroxysteroid dehydrogenase-like protein 1
maker-6-augustus-gene-108.60-mRNA-1	Japonica	Japonica		Os06g0299200	OsR498G0612197200.01.T01	Putative b-keto acyl reductase
maker-6-augustus-gene-108.62-mRNA-1	Japonica	NA		Os06g0299300	OsR498G0612197200.01.T01	Very-long-chain 3-oxoacyl-CoA reductase 1-like
maker-6-augustus-gene-109.36-mRNA-1	Japonica	NA			OsR498G0612202900.01.T01	WD40, G-beta domain containing family protein, family
maker-6-augustus-gene-109.45-mRNA-1	Japonica	NA		Os06g0300000	OsR498G0612200000.01.T01	Putative steroid dehydrogenase 4
maker-6-augustus-gene-109.46-mRNA-1	Japonica	Indica		Os06g0300000	OsR498G0612200600.01.T01	Putative b-keto acyl reductase
maker-6-augustus-gene-109.53-mRNA-1	Japonica	NA		Os06g0300300	OsR498G0612201000.01.T01	Vesicle transport protein (Fragment)
maker-6-augustus-gene-109.55-mRNA-1	Japonica	Indica		Os06g0300500	OsR498G0612202000.01.T01	Steroid nuclear receptor ligand-binding
maker-6-augustus-gene-109.60-mRNA-1	Japonica	NA		Os06g0300600	OsR498G0612202200.01.T01	Ribosomal protein L46
maker-6-augustus-gene-109.63-mRNA-1	Japonica	NA		Os06g0301000	OsR498G0612204600.01.T01	E3 ubiquitin-protein ligase synoviolin
maker-6-augustus-gene-109.67-mRNA-1	Japonica	Indica		Os04g0470300	OsR498G0612204800.01.T02	Protein FATTY ACID EXPORT 1 chloroplastic
maker-6-augustus-gene-110.30-mRNA-1	Japonica	NA		Os06g0301300	OsR498G0612205500.01.T05	Proteasome activator subunit 4
maker-6-augustus-gene-110.40-mRNA-1	Japonica	Japonica		Os06g0303200	OsR498G0612210100.01.T01	BURP domain-containing protein
maker-6-augustus-gene-110.42-mRNA-1	Japonica	NA		Os06g0301400	OsR498G0612205800.01.T01	
maker-6-augustus-gene-111.0-mRNA-1	Japonica	Japonica		Os06g0303400	OsR498G0815345200.01.T05	Aconitate hydratase
maker-6-augustus-gene-112.49-mRNA-1	Japonica	Indica		Os06g0303800	OsR498G0612215900.01.T01	GPI-anchored protein LLG2
maker-6-augustus-gene-112.53-mRNA-1	Japonica	NA		Os06g0304500	OsR498G0612217900.01.T05	Putative crm domain-containing protein, chloroplastic
maker-6-augustus-gene-113.0-mRNA-1	Japonica	NA				Peptidase A1 domain-containing protein (Fragment)
maker-6-augustus-gene-113.1-mRNA-1	Japonica	Indica		Os06g0306300	OsR498G0612221100.01.T01	Peroxidase
maker-6-augustus-gene-114.35-mRNA-1	Japonica	NA		Os06g0308000	OsR498G0612226900.01.T01	Peptidylprolyl isomerase
maker-6-augustus-gene-114.41-mRNA-1	Japonica	Japonica		Os06g0308200	OsR498G0612227900.01.T02	Ribosomal protein L15
maker-6-augustus-gene-114.45-mRNA-1	Japonica	NA		Os06g0308800	OsR498G0612229300.01.T01	LYST-interacting protein 5-like protein
maker-6-augustus-gene-114.49-mRNA-1	Japonica	NA		Os06g0307900	OsR498G0612226600.01.T03	
maker-6-augustus-gene-114.53-mRNA-1	Japonica	NA		Os06g0308100	OsR498G0612227400.01.T02	Protein-tyrosine-phosphatase IBR5
maker-6-augustus-gene-114.57-mRNA-1	Japonica	NA		Os06g0308300	OsR498G0612228200.01.T01	65-kDa microtubule-associated protein 1
maker-6-augustus-gene-114.63-mRNA-1	Japonica	NA		Os06g0309000	OsR498G0612230200.01.T03	Putative RING zinc finger domain superfamily protein isoform 1
maker-6-augustus-gene-114.67-mRNA-1	Japonica	NA			OsR498G0612230200.01.T04	BPI2 domain-containing protein
maker-6-augustus-gene-115.9-mRNA-1	Japonica	NA			OsR498G0612243600.01.T01	Protein O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase 2-like
maker-6-augustus-gene-116.0-mRNA-1	Japonica	NA		Os06g0311300	OsR498G0612244900.01.T02	RING-type E3 ubiquitin transferase
maker-6-augustus-gene-116.4-mRNA-1	Japonica	NA				Mannan endo-1,4-beta-mannosidase
maker-6-augustus-gene-116.6-mRNA-1	Japonica	NA			OsR498G0612246200.01.T01	Anthranilate O-methyltransferase 1
maker-6-augustus-gene-117.31-mRNA-1	Japonica	NA			OsR498G0612252400.01.T01	Anthranilate O-methyltransferase 1
maker-6-augustus-gene-117.33-mRNA-1	Japonica	NA		Os06g0313440	OsR498G0612253000.01.T03	Jasmonate o-methyltransferase
maker-6-augustus-gene-117.34-mRNA-1	Japonica	Indica		Os06g0313440	OsR498G0612253000.01.T03	Salicylate O-methyltransferase
maker-6-augustus-gene-117.39-mRNA-1	Japonica	NA				
maker-6-augustus-gene-118.23-mRNA-1	Japonica	Indica		Os06g0313900	OsR498G0612257800.01.T01	Myosin heavy chain-like
maker-6-augustus-gene-118.25-mRNA-1	Japonica	NA		Os06g0314600	OsR498G0612260200.01.T02	Salicylate O-methyltransferase
maker-6-augustus-gene-118.28-mRNA-1	Japonica	NA		Os06g0315000	OsR498G0612261200.01.T01	Jasmonate O-methyltransferase
maker-6-augustus-gene-118.31-mRNA-1	Japonica	Indica		Os06g0315000	OsR498G0612262400.01.T01	Salicylate O-methyltransferase
maker-6-augustus-gene-119.0-mRNA-1	Japonica	NA		Os07g0642600	OsR498G0714844000.01.T03	TFIIS N-terminal domain-containing protein
maker-6-augustus-gene-119.3-mRNA-1	Japonica	NA		Os06g0316000		
maker-6-augustus-gene-119.5-mRNA-1	Japonica	NA		Os06g0316100	OsR498G0612263300.01.T01	Adhesin FhaB
maker-6-augustus-gene-119.7-mRNA-1	Japonica	NA		Os06g0316300	OsR498G0612264100.01.T01	Pericardin
maker-6-augustus-gene-120.0-mRNA-1	Japonica	Indica		Os06g0316800	OsR498G0612266700.01.T01	
maker-6-augustus-gene-120.12-mRNA-1	Japonica	Japonica		Os06g0316800	OsR498G0612264800.01.T01	Keratin 9
maker-6-augustus-gene-120.14-mRNA-1	Japonica	NA		Os06g0318300	OsR498G0612270800.01.T01	RHO protein GDP dissociation inhibitor
maker-6-augustus-gene-120.2-mRNA-1	Japonica	NA		Os06g0317400	OsR498G0612268100.01.T01	ctenidin-1 isoform X2
maker-6-augustus-gene-120.9-mRNA-1	Japonica	Indica		Os06g0318500	OsR498G0612271500.01.T01	Sodium/hydrogen exchanger
maker-6-augustus-gene-121.0-mRNA-1	Japonica	Indica		Os06g0318600	OsR498G0612271900.01.T02	Carboxyl-terminal-processing peptidase 3, chloroplastic
maker-6-augustus-gene-121.14-mRNA-1	Japonica	NA		Os06g0319700	OsR498G0612274100.01.T01	60S ribosomal protein L31
maker-6-augustus-gene-121.17-mRNA-1	Japonica	NA		Os06g0320100	OsR498G0612275100.01.T03	CDK5 regulatory subunit associated protein 3

maker-6-augustus-gene-121.19-mRNA-1	Japonica	NA		Os06g0320000	OsR498G0612275000.01.T01	DUF953 domain-containing protein
maker-6-augustus-gene-121.21-mRNA-1	Japonica	NA			OsR498G0612275400.01.T01	Non-cyanogenic beta-glucosidase isoform B
maker-6-augustus-gene-121.5-mRNA-1	Japonica	NA		Os06g0318700	OsR498G0612272100.01.T02	E3 ubiquitin-protein ligase makorin
maker-6-augustus-gene-121.8-mRNA-1	Japonica	NA		Os06g0319600	OsR498G0612273700.01.T05	Polynucleotide adenyllyltransferase
maker-6-augustus-gene-122.26-mRNA-1	Japonica	NA		Os06g0320500	OsR498G0612275900.01.T01	Chlorophyll a-b binding protein, chloroplastic
maker-6-augustus-gene-122.29-mRNA-1	Japonica	NA		Os06g0320700	OsR498G0612276200.01.T01	Selenoprotein O
maker-6-augustus-gene-122.32-mRNA-1	Japonica	NA			OsR498G0612276400.01.T04	zf-RVT domain-containing protein
maker-6-augustus-gene-123.24-mRNA-1	Japonica	Japonica		Os06g0322500	OsR498G0612281500.01.T01	Indole-3-acetate O-methyltransferase 1
maker-6-augustus-gene-123.26-mRNA-1	Japonica	Japonica		Os06g0323100	OsR498G0409452300.01.T01	Indole-3-acetate O-methyltransferase
maker-6-augustus-gene-124.34-mRNA-1	Japonica	Indica		Os06g0325200	OsR498G0612284500.01.T01	Inorganic phosphate transporter 1-9
maker-6-augustus-gene-124.36-mRNA-1	Japonica	NA		Os06g0325500	OsR498G0612286700.01.T04	DUF89 domain-containing protein
maker-6-augustus-gene-124.42-mRNA-1	Japonica	Indica		Os06g0324400	OsR498G0612283600.01.T01	Late embryogenesis abundant
maker-6-augustus-gene-124.44-mRNA-1	Japonica	NA		Os06g0325200	OsR498G0612285800.01.T01	Phosphate transporter
maker-6-augustus-gene-125.24-mRNA-1	Japonica	NA		Os06g0326400	OsR498G0612293700.01.T01	Pyrophosphate--fructose 6-phosphate 1-phosphotransferase subunit alpha
maker-6-augustus-gene-125.30-mRNA-1	Japonica	NA		Os06g0326500	OsR498G0612294100.01.T01	Mitochondrial glycoprotein-like
maker-6-augustus-gene-125.32-mRNA-1	Japonica	NA			OsR498G0612294900.01.T01	Acytransferase
maker-6-augustus-gene-125.37-mRNA-1	Japonica	NA		Os06g0326000	OsR498G0612291200.01.T01	AT-hook motif nuclear-localized protein (Fragment)
maker-6-augustus-gene-126.30-mRNA-1	Japonica	Indica	Kinase-TM	Os06g0328400	OsR498G0612301900.01.T02	Lectin receptor kinase 1
maker-6-augustus-gene-126.32-mRNA-1	Japonica	Indica		Os06g0327300	OsR498G0612297400.01.T01	Thioredoxin reductase NTRA
maker-6-augustus-gene-126.34-mRNA-1	Japonica	NA			OsR498G0612298000.01.T01	
maker-6-augustus-gene-127.0-mRNA-1	Japonica	NA		Os06g0328800	OsR498G0612303700.01.T02	Glycosyltransferase family 92 protein (Fragment)
maker-6-augustus-gene-127.2-mRNA-1	Japonica	Indica		Os06g0329900	OsR498G0612308100.01.T04	Caffeine synthase 1
maker-6-augustus-gene-127.7-mRNA-1	Japonica	NA				DNA binding protein-like
maker-6-augustus-gene-128.0-mRNA-1	Japonica	NA	NBS-TM PID3	Os06g0330100		Resistance protein (Fragment)
maker-6-augustus-gene-128.2-mRNA-1	Japonica	Japonica		Os06g0330400	OsR498G0612310000.01.T01	Aldehyde oxygenase (deformylating)
maker-6-augustus-gene-128.4-mRNA-1	Japonica	NA			OsR498G0612580400.01.T04	WD repeat-containing protein 7
maker-6-augustus-gene-129.0-mRNA-1	Japonica	NA		Os06g0332400	OsR498G0612560000.01.T01	Putative VHS/GAT domain containing family protein
maker-6-augustus-gene-129.11-mRNA-1	Japonica	NA		Os06g0332700	OsR498G0612559300.01.T02	CRC domain-containing protein
maker-6-augustus-gene-129.17-mRNA-1	Japonica	NA		Os06g0332900	OsR498G0612558500.01.T03	RanBP2-type domain-containing protein (Fragment)
maker-6-augustus-gene-129.6-mRNA-1	Japonica	NA		Os06g0332600	OsR498G0612559600.01.T02	
maker-6-augustus-gene-129.9-mRNA-1	Japonica	Indica		Os06g0332500	OsR498G0612559700.01.T02	Ubiquitin carrier protein E2 21 isoform 1
maker-6-augustus-gene-130.0-mRNA-1	Japonica	NA	Kinase-TM	Os06g0334300	OsR498G0612553000.01.T02	Receptor-like protein kinase HERK 1 isoform A
maker-6-augustus-gene-130.2-mRNA-1	Japonica	NA	Kinase	Os06g0334400	OsR498G0612552700.01.T02	Cyclin-dependent kinase
maker-6-augustus-gene-131.0-mRNA-1	Japonica	NA		Os06g0335500	OsR498G0612550400.01.T01	Auxin-responsive protein (Fragment)
maker-6-augustus-gene-131.4-mRNA-1	Japonica	NA		Os06g0335900	OsR498G0612548600.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-6-augustus-gene-131.6-mRNA-1	Japonica	Indica		Os06g0336200	OsR498G0612546600.01.T01	Delta tonoplast intrinsic protein 2
maker-6-augustus-gene-132.0-mRNA-1	Japonica	NA		Os06g0338200	OsR498G0612542400.01.T01	Amine oxidase
maker-6-augustus-gene-132.2-mRNA-1	Japonica	NA		Os06g0338700		Amine oxidase
maker-6-augustus-gene-132.5-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0612537000.01.T03	GPCR kinase
maker-6-augustus-gene-132.7-mRNA-1	Japonica	NA		Os06g0338900	OsR498G0612539300.01.T01	Translation initiation factor eIF-2B subunit gamma like
maker-6-augustus-gene-133.0-mRNA-1	Japonica	NA		Os06g0341300	OsR498G0612530800.01.T01	Late embryogenesis abundant protein like
maker-6-augustus-gene-133.2-mRNA-1	Japonica	NA		Os06g0341500	OsR498G0612530600.01.T01	AAI domain-containing protein (Fragment)
maker-6-augustus-gene-133.4-mRNA-1	Japonica	NA		Os06g0340200	OsR498G0612534900.01.T02	RING-CH-type domain-containing protein (Fragment)
maker-6-augustus-gene-133.7-mRNA-1	Japonica	Indica		Os02g0290500	OsR498G0612533500.01.T06	Phosphatidylinositol 4-kinase type 2-beta
maker-6-augustus-gene-133.9-mRNA-1	Japonica	Japonica		Os06g0341600	OsR498G0612529700.01.T01	
maker-6-augustus-gene-134.28-mRNA-1	Japonica	NA			OsR498G0612529400.01.T01	Calmodulin-binding protein-like
maker-6-augustus-gene-134.30-mRNA-1	Japonica	NA			OsR498G0612525600.01.T02	tRNA-uridine aminocarboxypropyltransferase
maker-6-augustus-gene-134.34-mRNA-1	Japonica	NA		Os06g0342100	OsR498G0612527300.01.T02	signal recognition particle 19 kDa protein-like
maker-6-augustus-gene-135.25-mRNA-1	Japonica	NA		Os06g0344900	OsR498G0612521200.01.T01	CUP-SHAPED COTYLEDON 2
maker-6-augustus-gene-135.27-mRNA-1	Japonica	NA		Os06g0345200	OsR498G0612517200.01.T03	Nicotianamine aminotransferase B
maker-6-augustus-gene-135.33-mRNA-1	Japonica	NA			OsR498G0612523500.01.T01	RIX1 domain-containing protein
maker-6-augustus-gene-135.35-mRNA-1	Japonica	NA				RIX1 domain-containing protein
maker-6-augustus-gene-136.0-mRNA-1	Japonica	Indica		Os06g0347100	OsR498G0612514800.01.T01	Acyl-coenzyme A oxidase 4 peroxisomal
maker-6-augustus-gene-136.3-mRNA-1	Japonica	NA		Os01g0563500		
maker-6-augustus-gene-136.5-mRNA-1	Japonica	NA				Flavin-containing monooxygenase
maker-6-augustus-gene-137.25-mRNA-1	Japonica	NA		Os06g0347100	OsR498G0612514800.01.T01	Acyl-coenzyme A oxidase 4 peroxisomal
maker-6-augustus-gene-137.27-mRNA-1	Japonica	NA			OsR498G0612513600.01.T01	
maker-6-augustus-gene-137.29-mRNA-1	Japonica	NA				MADS-box transcription factor
maker-6-augustus-gene-137.31-mRNA-1	Japonica	NA			OsR498G0612512000.01.T01	Agamous-like MADS-box protein AGL16
maker-6-augustus-gene-138.29-mRNA-1	Japonica	Indica		Os06g0348800	OsR498G0612507400.01.T01	Transcription activator like
maker-6-augustus-gene-139.37-mRNA-1	Japonica	Japonica		Os06g0349700	OsR498G0612505100.01.T01	Coniferaldehyde 5-hydroxylase

maker-6-augustus-gene-140.0-mRNA-1	Japonica	NA		Os06g0351500	OsR498G0612499400.01.T01	GD5L esterase/lipase EXL1
maker-6-augustus-gene-140.2-mRNA-1	Japonica	NA		Os06g0351700	OsR498G0612498400.01.T01	GD5L esterase/lipase EXL1
maker-6-augustus-gene-141.22-mRNA-1	Japonica	NA			OsR498G0612491500.01.T01	Histone mRNA exonuclease 1
maker-6-augustus-gene-142.42-mRNA-1	Japonica	NA		Os06g0354500	OsR498G0612489500.01.T01	Acyl-coenzyme A oxidase
maker-6-augustus-gene-142.43-mRNA-1	Japonica	NA		Os06g0354500	OsR498G0612489500.01.T03	Acyl-coenzyme A oxidase
maker-6-augustus-gene-143.0-mRNA-1	Japonica	NA		Os08g0109100	OsR498G0815049100.01.T08	Phosphoinositide phosphatase
maker-6-augustus-gene-143.10-mRNA-1	Japonica	NA			OsR498G0612483700.01.T01	NOP5NT domain-containing protein
maker-6-augustus-gene-143.2-mRNA-1	Japonica	Indica		Os08g0109400	OsR498G0612482600.01.T01	Auxin-responsive protein (Fragment)
maker-6-augustus-gene-143.7-mRNA-1	Japonica	NA		Os08g0109500	OsR498G0612482400.01.T04	Bromodomain-containing factor 2
maker-6-augustus-gene-145.0-mRNA-1	Japonica	NA		Os06g0358800	OsR498G0612466400.01.T01	Ribonuclease III domain
maker-6-augustus-gene-145.2-mRNA-1	Japonica	NA		Os06g0359400	OsR498G0612464700.01.T04	Large subunit ribosomal protein L18Ae
maker-6-augustus-gene-146.31-mRNA-1	Japonica	NA		Os06g0360300	OsR498G0612461900.01.T02	3-beta hydroxysteroid dehydrogenase/isomerase
maker-6-augustus-gene-146.34-mRNA-1	Japonica	NA			OsR498G0612461700.01.T02	
maker-6-augustus-gene-151.0-mRNA-1	Japonica	NA		Os06g0367100	OsR498G0612442200.01.T07	1,4-alpha-glucan-branching enzyme 3, chloroplastic/amyloplastic
maker-6-augustus-gene-151.8-mRNA-1	Japonica	Indica		Os06g0367500	OsR498G0612440300.01.T06	Endoplasmic reticulum transmembrane protein (Fragment)
maker-6-augustus-gene-152.10-mRNA-1	Japonica	NA	Kinase-TM	Os06g0367900	OsR498G0612439300.01.T06	Mitogen-activated protein kinase
maker-6-augustus-gene-155.35-mRNA-1	Japonica	NA		Os06g0470150	OsR498G0612426800.01.T01	Putative glycosyltransferase AGO61
maker-6-augustus-gene-155.39-mRNA-1	Japonica	NA		Os06g0470800	OsR498G0612424200.01.T05	embryonic stem cell-specific 5-hydroxymethylcytosine-binding protein isofo
maker-6-augustus-gene-156.22-mRNA-1	Japonica	NA		Os06g0471100	OsR498G0612423400.01.T03	Embryonic stem cell-specific 5-hydroxymethylcytosine-binding protein
maker-6-augustus-gene-156.25-mRNA-1	Japonica	NA		Os06g0472200	OsR498G0612388400.01.T01	Phenylcoumaran benzylic ether reductase Betv6
maker-6-augustus-gene-156.28-mRNA-1	Japonica	NA		Os06g0472400	OsR498G0612388000.01.T02	Putative aldolase-type TIM barrel, pyruvate/Phosphoenolpyruvate kinase-lik
maker-6-augustus-gene-156.31-mRNA-1	Japonica	NA		Os06g0472000	OsR498G0612389500.01.T02	Peptide-methionine (R)-S-oxide reductase
maker-6-augustus-gene-156.34-mRNA-1	Japonica	Japonica		Os06g0472600	OsR498G0612396400.01.T02	
maker-6-augustus-gene-157.33-mRNA-1	Japonica	NA		Os06g0472900	OsR498G0612399500.01.T01	Peroxidase
maker-6-augustus-gene-157.35-mRNA-1	Japonica	NA		Os02g0805600	OsR498G0204968900.01.T01	Quinone oxidoreductase
maker-6-augustus-gene-157.37-mRNA-1	Japonica	NA			OsR498G0612399800.01.T01	
maker-6-augustus-gene-157.45-mRNA-1	Japonica	Indica	Kinase-TM	Os06g0473200	OsR498G0612401000.01.T06	Mitogen-activated protein kinase kinase 3
maker-6-augustus-gene-158.23-mRNA-1	Japonica	NA			OsR498G0612404800.01.T02	FKBP12-interacting protein of 37 kDa
maker-6-augustus-gene-158.29-mRNA-1	Japonica	NA		Os06g0474500	OsR498G0612406400.01.T01	DUF239 domain-containing protein/DUF4409 domain-containing protein
maker-6-augustus-gene-158.32-mRNA-1	Japonica	Indica		Os06g0474800	OsR498G0612408600.01.T03	J domain-containing protein (Fragment)
maker-6-augustus-gene-158.36-mRNA-1	Japonica	NA			OsR498G0612408800.01.T02	Protein MICRORCHIDIA like
maker-6-augustus-gene-159.0-mRNA-1	Japonica	Japonica		Os06g0476200	OsR498G0612412710.01.T04	Phosphoglucosyltransferase (alpha-D-glucose-1,6-bisphosphate-dependent)
maker-6-augustus-gene-159.2-mRNA-1	Japonica	NA		Os06g0475400	OsR498G0612409400.01.T01	Glycosyltransferase
maker-6-augustus-gene-160.0-mRNA-1	Japonica	Indica		Os06g0357800	OsR498G0916869000.01.T01	Cell wall protein-like
maker-6-augustus-gene-161.31-mRNA-1	Japonica	NA			OsR498G0612394600.01.T01	Phenylcoumaran benzylic ether reductase Pycr5
maker-6-augustus-gene-162.34-mRNA-1	Japonica	NA			OsR498G0612383600.01.T03	SANT domain-containing protein
maker-6-augustus-gene-162.36-mRNA-1	Japonica	NA			OsR498G0612380800.01.T01	Polygalacturonase
maker-6-augustus-gene-162.38-mRNA-1	Japonica	NA		Os06g0480000	OsR498G0612387100.01.T03	RING-type E3 ubiquitin transferase
maker-6-augustus-gene-163.34-mRNA-1	Japonica	NA		Os06g0482200		Amino-acid permease BAT1
maker-6-augustus-gene-163.38-mRNA-1	Japonica	NA				Terpene cyclase/mutase family member
maker-6-augustus-gene-164.29-mRNA-1	Japonica	Japonica		Os06g0484600	OsR498G0612369200.01.T01	Protein BOLA4, chloroplastic/mitochondrial
maker-6-augustus-gene-164.32-mRNA-1	Japonica	Indica		Os06g0483900	OsR498G0612369900.01.T02	SAWADEE domain-containing protein
maker-6-augustus-gene-164.35-mRNA-1	Japonica	NA				SAWADEE domain-containing protein (Fragment)
maker-6-augustus-gene-165.0-mRNA-1	Japonica	NA		Os06g0486300	OsR498G0612366600.01.T01	Barley mlo defense gene homolog1
maker-6-augustus-gene-165.11-mRNA-1	Japonica	NA	CC-Kinase-TM	Os06g0486400	OsR498G0612365700.01.T01	Kinase superfamily protein isoform 1
maker-6-augustus-gene-165.4-mRNA-1	Japonica	NA		Os06g0486800	OsR498G0612365000.01.T01	Formate dehydrogenase, mitochondrial
maker-6-augustus-gene-165.8-mRNA-1	Japonica	NA	Kinase-TM	Os06g0486000	OsR498G0612367500.01.T02	Proline-rich receptor-like protein kinase PERK12
maker-6-augustus-gene-166.23-mRNA-1	Japonica	NA		Os06g0486900	OsR498G0612364400.01.T01	Formate dehydrogenase, mitochondrial
maker-6-augustus-gene-166.25-mRNA-1	Japonica	NA				Ubiquitin-like-specific protease 1D
maker-6-augustus-gene-167.0-mRNA-1	Japonica	Indica	Kinase	Os03g0568800	OsR498G0612359600.01.T01	Proline-rich receptor-like protein kinase PERK8
maker-6-augustus-gene-167.11-mRNA-1	Japonica	NA			OsR498G0612358500.01.T01	Phospholipid-transporting ATPase
maker-6-augustus-gene-167.19-mRNA-1	Japonica	NA		Os06g0489200	OsR498G0612355300.01.T02	SURP motif domain-containing protein
maker-6-augustus-gene-167.2-mRNA-1	Japonica	NA		Os06g0488200	OsR498G0612359200.01.T03	Myosin-11 like (Fragment)
maker-6-augustus-gene-167.7-mRNA-1	Japonica	NA		Os06g0489500	OsR498G0612354800.01.T02	CMP/dCMP-type deaminase domain-containing protein
maker-6-augustus-gene-168.35-mRNA-1	Japonica	NA		Os06g0490400	OsR498G0612351800.01.T01	Peroxidase
maker-6-augustus-gene-168.37-mRNA-1	Japonica	Indica		Os06g0490700	OsR498G0612350400.01.T04	
maker-6-augustus-gene-168.42-mRNA-1	Japonica	NA			OsR498G0612347800.01.T01	DUF223 domain-containing protein
maker-6-augustus-gene-169.0-mRNA-1	Japonica	NA				
maker-6-augustus-gene-169.3-mRNA-1	Japonica	Indica		Os06g0492700	OsR498G0612341000.01.T01	Dynein light chain
maker-6-augustus-gene-169.7-mRNA-1	Japonica	NA		Os06g0492900	OsR498G0612339600.01.T02	Putative ribosomal RNA apurinic site specific lyase
maker-6-augustus-gene-169.9-mRNA-1	Japonica	NA				

maker-6-augustus-gene-170.0-mRNA-1	Japonica	NA			OsR498G1120085000.01.T01	Retrotransposon, putative, centromere-specific
maker-6-augustus-gene-170.2-mRNA-1	Japonica	NA		Os06g0493600	OsR498G0612335000.01.T02	Phosphate transporter PHO1 like 1
maker-6-augustus-gene-172.21-mRNA-1	Japonica	NA			OsR498G0612326200.01.T01	Zinc finger CCHC domain-containing protein 8
maker-6-augustus-gene-172.26-mRNA-1	Japonica	Indica		Os06g0495800	OsR498G0612326000.01.T01	Plant-specific domain TIGR01570 family protein
maker-6-augustus-gene-172.29-mRNA-1	Japonica	NA		Os06g0496000	OsR498G0612324600.01.T01	LSM14 domain-containing protein
maker-6-augustus-gene-172.31-mRNA-1	Japonica	NA				
maker-6-augustus-gene-173.0-mRNA-1	Japonica	NA	Kinase-TM			Liguleless narrow
maker-6-augustus-gene-173.10-mRNA-1	Japonica	Japonica		Os06g0497600	OsR498G0612317500.01.T03	
maker-6-augustus-gene-173.5-mRNA-1	Japonica	NA		Os06g0497200	OsR498G0612318600.01.T03	5-epiaristolochene 1,3-dihydroxylase
maker-6-augustus-gene-173.7-mRNA-1	Japonica	NA		Os06g0497400	OsR498G0612318000.01.T01	SHSP domain-containing protein
maker-6-augustus-gene-174.20-mRNA-1	Japonica	NA				Alpha-glucan water dikinase 1 chloroplastic
maker-6-augustus-gene-174.28-mRNA-1	Japonica	NA		Os06g0498500	OsR498G0612315800.01.T01	Nucleolar complex protein 3
maker-6-augustus-gene-174.32-mRNA-1	Japonica	NA		Os06g0498900	OsR498G0612313400.01.T01	GTP-binding protein BRASSINAZOLE INSENSITIVE PALE GREEN 2 chloroplastic
maker-6-augustus-gene-174.34-mRNA-1	Japonica	NA		Os06g0498800	OsR498G0612314100.01.T01	Mother of FT and TFL1
maker-6-augustus-gene-175.32-mRNA-1	Japonica	NA			OsR498G0612313000.01.T04	
maker-6-augustus-gene-175.38-mRNA-1	Japonica	NA			OsR498G0612310600.01.T06	
maker-6-augustus-gene-175.40-mRNA-1	Japonica	NA		Os06g0499500	OsR498G0612311300.01.T02	Indole-3-acetic acid-amido synthetase GH3.6
maker-6-augustus-gene-175.42-mRNA-1	Japonica	NA		Os06g0499900	OsR498G0612310700.01.T01	Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase
maker-6-augustus-gene-175.49-mRNA-1	Japonica	NA		Os06g0500300	OsR498G0612310300.01.T01	Trithorax group protein osa-like
maker-6-augustus-gene-175.51-mRNA-1	Japonica	Indica		Os06g0497200	OsR498G0612310100.01.T01	5-epiaristolochene 1,3-dihydroxylase
maker-6-augustus-gene-177.29-mRNA-1	Japonica	NA		Os06g0502600		Transducin family protein/WD-40 repeat family protein
maker-6-augustus-gene-177.33-mRNA-1	Japonica	NA		Os06g0503400	OsR498G0612564600.01.T01	Reticulon-like protein (Fragment)
maker-6-augustus-gene-177.36-mRNA-1	Japonica	Indica		Os11g0481200	OsR498G0612567100.01.T01	O-fucosyltransferase family protein (Fragment)
maker-6-augustus-gene-178.0-mRNA-1	Japonica	Japonica		Os06g0503600	OsR498G0612582000.01.T04	
maker-6-augustus-gene-179.30-mRNA-1	Japonica	NA		Os06g0505400	OsR498G0612586100.01.T01	Membrane peptidase
maker-6-augustus-gene-179.35-mRNA-1	Japonica	NA		Os06g0506000	OsR498G0612587500.01.T01	Plastid division protein PDV
maker-6-augustus-gene-179.39-mRNA-1	Japonica	NA				HEAT repeat-containing protein 5A
maker-6-augustus-gene-179.47-mRNA-1	Japonica	NA		Os06g0506200	OsR498G0612588000.01.T03	TPT domain-containing protein
maker-6-augustus-gene-179.51-mRNA-1	Japonica	Indica		Os02g0261100	OsR498G0612589000.01.T02	Ubiquitin-fold modifier-conjugating enzyme
maker-6-augustus-gene-180.30-mRNA-1	Japonica	NA		Os06g0507400	OsR498G0612592600.01.T02	BTB/POZ domain-containing protein POB1
maker-6-augustus-gene-180.36-mRNA-1	Japonica	NA		Os06g0508700	OsR498G0612595200.01.T01	Methionyl-tRNA synthetase
maker-6-augustus-gene-181.0-mRNA-1	Japonica	NA			OsR498G0612926500.01.T01	Exopolysaccharuronase
maker-6-augustus-gene-181.2-mRNA-1	Japonica	NA			OsR498G0612596000.01.T03	Mitogen-activated protein kinase
maker-6-augustus-gene-181.5-mRNA-1	Japonica	Indica		Os06g0512700	OsR498G0612598800.01.T01	Thionin
maker-6-augustus-gene-187.2-mRNA-1	Japonica	NA		Os06g0513943	OsR498G0612604400.01.T01	Thionin
maker-6-augustus-gene-188.0-mRNA-1	Japonica	NA			OsR498G0101949000.01.T01	
maker-6-augustus-gene-189.0-mRNA-1	Japonica	NA				
maker-6-augustus-gene-190.27-mRNA-1	Japonica	Indica		Os06g0520600	OsR498G0612625900.01.T02	MI domain-containing protein
maker-6-augustus-gene-190.33-mRNA-1	Japonica	NA				Serine carboxypeptidase family protein, expressed
maker-6-augustus-gene-191.0-mRNA-1	Japonica	NA		Os06g0521200	OsR498G0612633100.01.T01	Peroxidase
maker-6-augustus-gene-191.2-mRNA-1	Japonica	NA				Putative harbinger transposase-derived protein
maker-6-augustus-gene-191.5-mRNA-1	Japonica	NA		Os06g0521400	OsR498G0612633800.01.T01	Peroxidase
maker-6-augustus-gene-191.7-mRNA-1	Japonica	NA		Os06g0521500	OsR498G0612634000.01.T01	Peroxidase
maker-6-augustus-gene-192.0-mRNA-1	Japonica	NA		Os06g0521900	OsR498G0612635600.01.T01	Peroxidase
maker-6-augustus-gene-192.2-mRNA-1	Japonica	NA		Os06g0522300	OsR498G0612636600.01.T01	Peroxidase
maker-6-augustus-gene-193.34-mRNA-1	Japonica	Japonica		Os06g0523800	OsR498G0510328400.01.T03	Crooked neck
maker-6-augustus-gene-193.37-mRNA-1	Japonica	NA		Os06g0524300	OsR498G0612644700.01.T02	Extra-large G-protein-like
maker-6-augustus-gene-193.41-mRNA-1	Japonica	NA		Os06g0524400	OsR498G0612645500.01.T01	Protein trichome birefringence-like
maker-6-augustus-gene-193.47-mRNA-1	Japonica	NA		Os12g0512200		Transposon protein, putative, Mariner sub-class
maker-6-augustus-gene-194.39-mRNA-1	Japonica	NA	NBS-TM			Disease resistance protein RPP13
maker-6-augustus-gene-194.41-mRNA-1	Japonica	NA		Os06g0526100	OsR498G0612650500.01.T01	Transcription factor SPEECHLESS
maker-6-augustus-gene-194.43-mRNA-1	Japonica	Japonica		Os06g0525000	OsR498G0612647000.01.T02	PHD finger protein like
maker-6-augustus-gene-195.0-mRNA-1	Japonica	NA		Os06g0527100	OsR498G0612664900.01.T01	Cyclic nucleotide-gated ion channel 1
maker-6-augustus-gene-195.23-mRNA-1	Japonica	NA		Os06g0528300		Absciscic acid receptor like
maker-6-augustus-gene-195.5-mRNA-1	Japonica	NA		Os06g0527100	OsR498G0612666700.01.T02	Cyclic nucleotide-gated calmodulin-binding ion channel
maker-6-augustus-gene-195.9-mRNA-1	Japonica	NA		Os06g0528600	OsR498G0612669900.01.T06	PABS domain-containing protein (Fragment)
maker-6-augustus-gene-197.10-mRNA-1	Japonica	Indica		Os06g0531200	OsR498G0612678800.01.T01	Class I glutamine amidotransferase-like superfamily protein isoform 1
maker-6-augustus-gene-197.4-mRNA-1	Japonica	NA		Os06g0531000	OsR498G0612677900.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-6-augustus-gene-197.9-mRNA-1	Japonica	NA		Os06g0530700	OsR498G0612676800.01.T03	tRNA-intron lyase
maker-6-augustus-gene-198.21-mRNA-1	Japonica	NA		Os06g0531600	OsR498G0612679600.01.T01	GDSL esterase/lipase
maker-6-augustus-gene-198.23-mRNA-1	Japonica	Indica		Os10g0128400	OsR498G0612680000.01.T05	

maker-6-augustus-gene-198.25-mRNA-1	Japonica	NA		Os06g0531900	OsR498G0612680600.01.T01	GD5L esterase/lipase
maker-6-augustus-gene-2.36-mRNA-1	Japonica	NA		Os06g0102100	OsR498G0611469100.01.T01	3,9-dihydroxypterocarpan 6A-monooxygenase
maker-6-augustus-gene-2.38-mRNA-1	Japonica	Indica		Os06g0102300	OsR498G0611469300.01.T01	Glutathione gamma-glutamylcysteinyltransferase
maker-6-augustus-gene-2.44-mRNA-1	Japonica	Japonica		Os06g0102600	OsR498G0611470700.01.T02	Sec-independent protein translocase protein TATB, chloroplastic
maker-6-augustus-gene-2.46-mRNA-1	Japonica	NA		Os06g0102700	OsR498G0611470900.01.T02	RING-type E3 ubiquitin transferase
maker-6-augustus-gene-2.50-mRNA-1	Japonica	NA		Os06g0102750		U-box domain-containing protein 14
maker-6-augustus-gene-2.56-mRNA-1	Japonica	NA			OsR498G0611471500.01.T01	Helicase C-terminal domain-containing protein
maker-6-augustus-gene-2.62-mRNA-1	Japonica	NA		Os06g0103500	OsR498G0611472700.01.T01	Acyl-coenzyme A oxidase
maker-6-augustus-gene-2.67-mRNA-1	Japonica	NA		Os06g0103600	OsR498G0611472900.01.T09	Glycine--tRNA ligase
maker-6-augustus-gene-2.82-mRNA-1	Japonica	NA		Os06g0103300	OsR498G0611472200.01.T04	Homogentisate 1,2-dioxygenase
maker-6-augustus-gene-2.87-mRNA-1	Japonica	NA			OsR498G0611472600.01.T01	Integrator complex subunit 9-like protein
maker-6-augustus-gene-2.89-mRNA-1	Japonica	NA		Os06g0103700	OsR498G0611473200.01.T01	Glutaminy-peptide cyclotransferase
maker-6-augustus-gene-200.44-mRNA-1	Japonica	NA			OsR498G0612689500.01.T01	DEAD-box ATP-dependent RNA helicase 27
maker-6-augustus-gene-200.46-mRNA-1	Japonica	Japonica		Os06g0696900	OsR498G0612692700.01.T01	Macro domain-containing protein VPA0103
maker-6-augustus-gene-200.49-mRNA-1	Japonica	NA				NAD-dependent malic enzyme 1
maker-6-augustus-gene-201.0-mRNA-1	Japonica	NA		Os06g0538000	OsR498G0612698700.01.T01	T-complex protein 1 subunit gamma
maker-6-augustus-gene-201.10-mRNA-1	Japonica	NA		Os08g0118100	OsR498G0204699100.01.T01	ACT domain repeat 8
maker-6-augustus-gene-205.38-mRNA-1	Japonica	NA			OsR498G0612718500.01.T01	Large subunit ribosomal protein L1
maker-6-augustus-gene-205.50-mRNA-1	Japonica	NA		Os06g0546500	OsR498G0612719200.01.T01	Peroxidase
maker-6-augustus-gene-206.0-mRNA-1	Japonica	NA	Kinase-TM	Os06g0547900	OsR498G0612721100.01.T02	Non-specific serine/threonine protein kinase
maker-6-augustus-gene-207.44-mRNA-1	Japonica	NA		Os06g0551500	OsR498G0612730300.01.T02	
maker-6-augustus-gene-207.48-mRNA-1	Japonica	NA		Os06g0550000	OsR498G0612727000.01.T01	60S ribosomal protein L11
maker-6-augustus-gene-208.19-mRNA-1	Japonica	NA		Os06g0552300	OsR498G0612733300.01.T01	BES1/BZR1 like protein 4
maker-6-augustus-gene-208.23-mRNA-1	Japonica	NA		Os06g0552400	OsR498G0612733600.01.T03	FYVE-type domain-containing protein (Fragment)
maker-6-augustus-gene-208.27-mRNA-1	Japonica	NA		Os06g0552900	OsR498G0612736000.01.T01	
maker-6-augustus-gene-208.29-mRNA-1	Japonica	Indica		Os02g0232000	OsR498G0612737600.01.T01	Heat stress transcription factor
maker-6-augustus-gene-208.31-mRNA-1	Japonica	NA		Os06g0553200	OsR498G0612738400.01.T01	Meiosis 5
maker-6-augustus-gene-209.0-mRNA-1	Japonica	NA			OsR498G0612746500.01.T02	Kinesin motor domain-containing protein
maker-6-augustus-gene-209.10-mRNA-1	Japonica	Indica		Os06g0554800	OsR498G0612746800.01.T03	ABC-2 and Plant PDR ABC-type transporter family protein isoform 1
maker-6-augustus-gene-209.8-mRNA-1	Japonica	Indica		Os06g0553800	OsR498G0612742200.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-6-augustus-gene-210.0-mRNA-1	Japonica	Indica		Os02g0229000	OsR498G0612749100.01.T01	40S ribosomal protein S24
maker-6-augustus-gene-210.12-mRNA-1	Japonica	NA		Os06g0556300		F-box domain-containing protein (Fragment)
maker-6-augustus-gene-210.3-mRNA-1	Japonica	NA		Os06g0556000	OsR498G0612751100.01.T01	Amino acid permease
maker-6-augustus-gene-210.6-mRNA-1	Japonica	Indica		Os06g0556600	OsR498G0612752700.01.T01	Major pollen allergen Lol p 11
maker-6-augustus-gene-210.8-mRNA-1	Japonica	NA		Os06g0555500	OsR498G0612749400.01.T01	tRNA A64-2'-O-ribosylphosphate transferase isoform X1
maker-6-augustus-gene-211.0-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os06g0557100	OsR498G0612756500.01.T04	Protein kinase family protein with leucine-rich repeat domain
maker-6-augustus-gene-211.2-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os06g0557700	OsR498G0612758100.01.T01	Serine/threonine protein kinase
maker-6-augustus-gene-212.0-mRNA-1	Japonica	NA		Os06g0559400	OsR498G0612763700.01.T01	
maker-6-augustus-gene-212.10-mRNA-1	Japonica	NA			OsR498G0612763600.01.T02	Acid phosphatase Class B
maker-6-augustus-gene-212.12-mRNA-1	Japonica	NA				NAC domain-containing protein 8
maker-6-augustus-gene-212.15-mRNA-1	Japonica	NA		Os06g0560400	OsR498G0612766200.01.T02	DUF862 domain-containing protein
maker-6-augustus-gene-212.2-mRNA-1	Japonica	NA		Os06g0560000	OsR498G0612764700.01.T01	Solute carrier family 40 member 1
maker-6-augustus-gene-212.6-mRNA-1	Japonica	NA		Os06g0558700	OsR498G0612762400.01.T03	Polynucleotide adenyllyltransferase
maker-6-augustus-gene-213.0-mRNA-1	Japonica	NA		Os06g0560700	OsR498G0612766900.01.T01	Anther-specific proline-rich protein APG
maker-6-augustus-gene-213.2-mRNA-1	Japonica	NA		Os06g0561000	OsR498G0612767700.01.T05	Inositol oxygenase
maker-6-augustus-gene-214.25-mRNA-1	Japonica	NA		Os06g0561800		ATP-binding cassette sub-family C member 8
maker-6-augustus-gene-214.29-mRNA-1	Japonica	NA		Os06g0562300		Homeobox domain-containing protein (Fragment)
maker-6-augustus-gene-214.32-mRNA-1	Japonica	NA		Os06g0562600	OsR498G0612773400.01.T01	T-complex protein 1 subunit epsilon
maker-6-augustus-gene-214.37-mRNA-1	Japonica	NA			OsR498G0612773600.01.T02	ATP/GTP-binding protein family
maker-6-augustus-gene-215.0-mRNA-1	Japonica	NA		Os06g0563300	OsR498G0612775700.01.T02	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B
maker-6-augustus-gene-215.14-mRNA-1	Japonica	NA		Os06g0564500	OsR498G0612777500.01.T02	PALP domain-containing protein
maker-6-augustus-gene-215.18-mRNA-1	Japonica	Indica		Os06g0564500	OsR498G0612785600.01.T01	PALP domain-containing protein
maker-6-augustus-gene-215.20-mRNA-1	Japonica	NA		Os06g0564700	OsR498G0612786600.01.T01	PALP domain-containing protein
maker-6-augustus-gene-215.4-mRNA-1	Japonica	NA			OsR498G0612778200.01.T05	Linoleic acid1
maker-6-augustus-gene-215.9-mRNA-1	Japonica	NA		Os06g0563000	OsR498G0612774000.01.T01	Pollen-specific protein SF21
maker-6-augustus-gene-216.30-mRNA-1	Japonica	NA		Os06g0565200	OsR498G0612788300.01.T01	Heat shock transcription factor
maker-6-augustus-gene-216.35-mRNA-1	Japonica	NA			OsR498G0102498700.01.T01	
maker-6-augustus-gene-216.37-mRNA-1	Japonica	NA		Os09g0258800		Ulp1 protease family, C-terminal catalytic domain containing protein
maker-6-augustus-gene-216.41-mRNA-1	Japonica	NA			OsR498G0612791100.01.T03	Phospholipid-transporting ATPase
maker-6-augustus-gene-216.48-mRNA-1	Japonica	Indica		Os06g0566100	OsR498G0612791500.01.T01	Heterogeneous nuclear ribonucleoprotein 1
maker-6-augustus-gene-216.54-mRNA-1	Japonica	NA			OsR498G0612792100.01.T02	Zinc transporter 4, chloroplastic

maker-6-augustus-gene-216.59-mRNA-1	Japonica	Indica		Os03g0180700	OsR498G0612787000.01.T03	UDP-glycosyltransferase TURAN
maker-6-augustus-gene-216.71-mRNA-1	Japonica	NA		Os06g0565100	OsR498G0612787800.01.T01	Thromboxane-A synthase
maker-6-augustus-gene-216.73-mRNA-1	Japonica	Japonica		Os06g0565300	OsR498G0612788600.01.T01	High mobility group nucleosome-binding domain-containing protein 5
maker-6-augustus-gene-216.75-mRNA-1	Japonica	NA		Os09g0258900		
maker-6-augustus-gene-217.2-mRNA-1	Japonica	NA			OsR498G0612796300.01.T01	L-ascorbate oxidase
maker-6-augustus-gene-217.5-mRNA-1	Japonica	NA			OsR498G0305907400.01.T01	
maker-6-augustus-gene-217.6-mRNA-1	Japonica	NA		Os02g0616600	OsR498G0407741700.01.T02	
maker-6-augustus-gene-218.43-mRNA-1	Japonica	Indica		Os06g0567900	OsR498G0612796500.01.T03	L-ascorbate oxidase
maker-6-augustus-gene-218.49-mRNA-1	Japonica	Indica		Os06g0568000	OsR498G0612796800.01.T01	Transmembrane 9 superfamily member
maker-6-augustus-gene-218.51-mRNA-1	Japonica	NA		Os06g0568200	OsR498G0612797000.01.T01	Vacuolar ATP synthase subunit B
maker-6-augustus-gene-218.62-mRNA-1	Japonica	NA		Os06g0569500	OsR498G0612799200.01.T01	Ent-kaurene oxidase 2
maker-6-augustus-gene-219.28-mRNA-1	Japonica	Japonica		Os06g0570950	OsR498G0612803900.01.T01	BHLH domain-containing protein (Fragment)
maker-6-augustus-gene-219.31-mRNA-1	Japonica	NA				Threonine synthase 1 chloroplastic
maker-6-augustus-gene-219.34-mRNA-1	Japonica	Indica		Os06g0570100	OsR498G0612801600.01.T01	Ent-kaurene oxidase 2
maker-6-augustus-gene-219.35-mRNA-1	Japonica	NA				
maker-6-augustus-gene-219.40-mRNA-1	Japonica	NA		Os06g0570100	OsR498G0612801000.01.T01	Ent-kaurene oxidase
maker-6-augustus-gene-219.44-mRNA-1	Japonica	Indica		Os06g0571100	OsR498G0612804400.01.T03	Histone deacetylase
maker-6-augustus-gene-219.48-mRNA-1	Japonica	NA		Os06g0571400	OsR498G0612805400.01.T01	Eukaryotic elongation factor 1 gamma
maker-6-augustus-gene-220.0-mRNA-1	Japonica	NA		Os06g0573600	OsR498G0612810100.01.T01	Beta-galactosidase 4
maker-6-augustus-gene-220.7-mRNA-1	Japonica	NA			OsR498G0612807200.01.T01	Cytokinin dehydrogenase
maker-6-augustus-gene-220.9-mRNA-1	Japonica	NA		Os06g0572400	OsR498G0612807400.01.T01	Senescence-associated protein 5
maker-6-augustus-gene-221.0-mRNA-1	Japonica	NA			OsR498G0612811700.01.T02	Coclaurine N-methyltransferase
maker-6-augustus-gene-221.10-mRNA-1	Japonica	NA			OsR498G0612810800.01.T01	Aminocyclopropane-1-carboxylate oxidase
maker-6-augustus-gene-221.12-mRNA-1	Japonica	NA	Kinase-TM	Os06g0574200	OsR498G0612812000.01.T01	E3 ubiquitin ligase
maker-6-augustus-gene-221.16-mRNA-1	Japonica	NA			OsR498G0612813200.01.T01	Transcriptional elongation regulator MINYO
maker-6-augustus-gene-221.19-mRNA-1	Japonica	NA		Os06g0574900	OsR498G0612815400.01.T01	
maker-6-augustus-gene-221.5-mRNA-1	Japonica	NA		Os06g0574500	OsR498G0612814100.01.T01	Serine/threonine-protein phosphatase
maker-6-augustus-gene-222.44-mRNA-1	Japonica	NA		Os05g0219300		Zinc finger BED domain-containing protein DAYSLEEPER
maker-6-augustus-gene-223.32-mRNA-1	Japonica	NA		Os06g0576900	OsR498G0612827900.01.T01	von Willebrand factor type A domain-like
maker-6-augustus-gene-223.34-mRNA-1	Japonica	NA			OsR498G0612829500.01.T01	Low-affinity cation transporter
maker-6-augustus-gene-223.38-mRNA-1	Japonica	NA			OsR498G0612829700.01.T01	
maker-6-augustus-gene-223.39-mRNA-1	Japonica	NA		Os06g0578100	OsR498G0612825400.01.T01	von Willebrand factor type A domain-like
maker-6-augustus-gene-224.21-mRNA-1	Japonica	NA		Os06g0581300	OsR498G0612834500.01.T01	Phospho-N-acetylmuramoyl-pentapeptide-transferase
maker-6-augustus-gene-224.26-mRNA-1	Japonica	NA		Os06g0581000	OsR498G0612832000.01.T01	Nitrate transporter 1.2
maker-6-augustus-gene-224.30-mRNA-1	Japonica	NA	Kinase-LRR-TM			LRR receptor-like serine/threonine-protein kinase EFR
maker-6-augustus-gene-225.34-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os12g0498650	OsR498G0612836400.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-225.37-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os06g0587900	OsR498G0612837400.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-228.0-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os06g0586150	OsR498G0612846900.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-228.1-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0612847900.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-228.11-mRNA-1	Japonica	Indica		Os06g0587100	OsR498G0612847800.01.T01	Putative J domain-containing protein C3E7.11c
maker-6-augustus-gene-228.8-mRNA-1	Japonica	NA			OsR498G0612846200.01.T01	GRF-type domain-containing protein
maker-6-augustus-gene-229.0-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0612851100.01.T02	Leucine-rich repeat protein kinase family protein
maker-6-augustus-gene-230.0-mRNA-1	Japonica	NA	Kinase-LRR-TM			Protein kinase domain-containing protein (Fragment)
maker-6-augustus-gene-230.4-mRNA-1	Japonica	NA				
maker-6-augustus-gene-231.0-mRNA-1	Japonica	NA			OsR498G0102056900.01.T01	L10-interacting MYB domain-containing protein-like
maker-6-augustus-gene-231.4-mRNA-1	Japonica	NA		Os06g0589500	OsR498G0612857700.01.T01	
maker-6-augustus-gene-231.9-mRNA-1	Japonica	NA		Os06g0589300	OsR498G0612857000.01.T01	ABC transporter domain-containing protein (Fragment)
maker-6-augustus-gene-232.45-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0612858300.01.T01	Leucine-rich repeat protein kinase family protein
maker-6-augustus-gene-232.49-mRNA-1	Japonica	NA			OsR498G0612863100.01.T06	Putative NADP-retinol dehydrogenase
maker-6-augustus-gene-232.54-mRNA-1	Japonica	NA		Os06g0590500	OsR498G0612863300.01.T01	t-SNARE coiled-coil homology domain-containing protein (Fragment)
maker-6-augustus-gene-232.58-mRNA-1	Japonica	Japonica		Os06g0591400	OsR498G0612866100.01.T01	
maker-6-augustus-gene-232.60-mRNA-1	Japonica	NA				Polyadenylate-binding protein
maker-6-augustus-gene-233.50-mRNA-1	Japonica	Indica		Os01g0591000	OsR498G0612870300.01.T01	Aldedh domain-containing protein (Fragment)
maker-6-augustus-gene-233.53-mRNA-1	Japonica	NA		Os06g0593100	OsR498G0612871100.01.T01	UDP-galactose transporter
maker-6-augustus-gene-233.56-mRNA-1	Japonica	NA		Os06g0591600	OsR498G0612867200.01.T01	Two-on-two hemoglobin-3
maker-6-augustus-gene-234.0-mRNA-1	Japonica	NA				ATP-dependent caseinolytic (Clp) protease/crotonase family protein
maker-6-augustus-gene-234.7-mRNA-1	Japonica	Indica		Os06g0595800	OsR498G0612878300.01.T01	Acyl transferase 7
maker-6-augustus-gene-235.30-mRNA-1	Japonica	NA		Os06g0597000	OsR498G0612881500.01.T01	Auxin-responsive protein (Fragment)
maker-6-augustus-gene-235.32-mRNA-1	Japonica	NA		Os06g0597200	OsR498G0612881900.01.T02	Protein-serine/threonine phosphatase
maker-6-augustus-gene-236.51-mRNA-1	Japonica	NA		Os06g0598900	OsR498G0612886000.01.T01	serine-threonine kinase receptor-associated protein isoform X1
maker-6-augustus-gene-237.23-mRNA-1	Japonica	NA		Os06g0600100	OsR498G0612887100.01.T01	26S proteasome regulatory particle triple-A ATPase subunit6

maker-6-augustus-gene-237.25-mRNA-1	Japonica	NA		Os06g0600301	OsR498G0612887300.01.T01	GTP-binding nuclear protein Ran-3
maker-6-augustus-gene-237.30-mRNA-1	Japonica	NA		Os06g0601000	OsR498G0612890300.01.T02	Overexpressor of cationic peroxidase
maker-6-augustus-gene-237.33-mRNA-1	Japonica	NA		Os06g0600700	OsR498G0612889800.01.T03	Plant Tudor-like RNA-binding protein
maker-6-augustus-gene-238.31-mRNA-1	Japonica	Indica		Os09g0422500	OsR498G0612891900.01.T01	Cellulose synthase A catalytic subunit 7
maker-6-augustus-gene-238.32-mRNA-1	Japonica	NA			OsR498G0612891900.01.T01	Cellulose synthase A catalytic subunit 7
maker-6-augustus-gene-238.35-mRNA-1	Japonica	Indica		Os06g0602200	OsR498G0306739200.01.T01	Expressed protein, having alternative splicing products
maker-6-augustus-gene-238.42-mRNA-1	Japonica	NA		Os06g0602600	OsR498G0612893900.01.T01	Alba domain-containing protein (Fragment)
maker-6-augustus-gene-238.44-mRNA-1	Japonica	Indica		Os03g0692000	OsR498G0612895100.01.T01	beta-glucuronosyltransferase GlcAT14A-like
maker-6-augustus-gene-238.47-mRNA-1	Japonica	Indica		Os05g0171300	OsR498G0612894200.01.T03	Adenine nucleotide transporter BT1 chloroplastic/mitochondrial
maker-6-augustus-gene-238.49-mRNA-1	Japonica	Japonica		Os06g0602900	OsR498G0612895400.01.T01	NADP-dependent alkenal double bond reductase
maker-6-augustus-gene-238.52-mRNA-1	Japonica	NA		Os06g0603000	OsR498G0612895800.01.T01	Heme oxygenase
maker-6-augustus-gene-239.0-mRNA-1	Japonica	NA		Os06g0604100		
maker-6-augustus-gene-239.11-mRNA-1	Japonica	NA		Os06g0603600	OsR498G0612897800.01.T01	SPX domain-containing protein 1
maker-6-augustus-gene-239.15-mRNA-1	Japonica	Indica		Os02g0202000	OsR498G0612899800.01.T01	AP domain containing transcription factor
maker-6-augustus-gene-239.17-mRNA-1	Japonica	NA		Os06g0604200	OsR498G0612900400.01.T01	Phospholipase D
maker-6-augustus-gene-239.2-mRNA-1	Japonica	NA		Os06g0604300	OsR498G0612901100.01.T01	Phospholipase D
maker-6-augustus-gene-239.4-mRNA-1	Japonica	NA		Os06g0604400	OsR498G0612901700.01.T01	Phospholipase D
maker-6-augustus-gene-239.6-mRNA-1	Japonica	NA		Os06g0604500	OsR498G0612902300.01.T02	Calcium-binding mitochondrial carrier protein like
maker-6-augustus-gene-239.9-mRNA-1	Japonica	NA		Os06g0604600	OsR498G0612903300.01.T02	
maker-6-augustus-gene-240.27-mRNA-1	Japonica	NA			OsR498G0612904700.01.T01	
maker-6-augustus-gene-240.29-mRNA-1	Japonica	NA		Os06g0605300		Ac-like transposase THELMA13
maker-6-augustus-gene-240.31-mRNA-1	Japonica	NA			OsR498G0612905500.01.T01	
maker-6-augustus-gene-240.33-mRNA-1	Japonica	Indica		Os02g0200900	OsR498G0612908900.01.T02	EIN3-binding F-box protein 1
maker-6-augustus-gene-240.35-mRNA-1	Japonica	NA			OsR498G0612906800.01.T01	transcription factor MYB101
maker-6-augustus-gene-240.40-mRNA-1	Japonica	NA	Kinase-TM	Os06g0606000	OsR498G0612909400.01.T01	Non-specific serine/threonine protein kinase
maker-6-augustus-gene-241.0-mRNA-1	Japonica	NA		Os06g0606700		Equilibrative nucleotide transporter 8-like
maker-6-augustus-gene-241.1-mRNA-1	Japonica	NA		Os06g0606700		Equilibrative nucleotide transporter 8-like
maker-6-augustus-gene-241.12-mRNA-1	Japonica	NA		Os06g0607000	OsR498G0612912700.01.T01	Glucan endo-1,3-beta-glucosidase 14
maker-6-augustus-gene-241.18-mRNA-1	Japonica	Indica		Os02g0200000	OsR498G0612914400.01.T03	Phosphatidylinositol/phosphatidylcholine transfer protein SFH2-like
maker-6-augustus-gene-241.6-mRNA-1	Japonica	NA			OsR498G0612911700.01.T05	
maker-6-augustus-gene-242.38-mRNA-1	Japonica	NA		Os06g0607700	OsR498G0612914900.01.T01	ABC transporter G family member
maker-6-augustus-gene-242.40-mRNA-1	Japonica	NA		Os06g0607800	OsR498G0612915100.01.T01	26S proteasome regulatory particle triple-A ATPase subunit4
maker-6-augustus-gene-242.43-mRNA-1	Japonica	NA		Os06g0607900	OsR498G0612915300.01.T01	C2 and GRAM domain-containing protein (Fragment)
maker-6-augustus-gene-242.45-mRNA-1	Japonica	NA		Os06g0608401	OsR498G0612916700.01.T01	Dolichol phosphate-mannose biosynthesis regulatory protein
maker-6-augustus-gene-242.47-mRNA-1	Japonica	NA		Os06g0608500	OsR498G0612916900.01.T02	Vacuolar protein sorting-associated protein 1
maker-6-augustus-gene-242.52-mRNA-1	Japonica	NA		Os06g0608600	OsR498G0612917100.01.T04	Vesicle transport protein (Fragment)
maker-6-augustus-gene-242.55-mRNA-1	Japonica	NA		Os06g0608700	OsR498G0612917100.01.T05	Fructose-bisphosphate aldolase
maker-6-augustus-gene-242.57-mRNA-1	Japonica	NA		Os06g0607300		HGWP repeat containing protein-like
maker-6-augustus-gene-242.59-mRNA-1	Japonica	Japonica		Os06g0607400	OsR498G0510566200.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-6-augustus-gene-242.62-mRNA-1	Japonica	Indica		Os06g0608100	OsR498G0612916400.01.T01	
maker-6-augustus-gene-242.67-mRNA-1	Japonica	NA		Os06g0608300	OsR498G0612916600.01.T01	U5 small nuclear ribonucleoprotein component CLO like
maker-6-augustus-gene-242.71-mRNA-1	Japonica	NA		Os06g0608800	OsR498G0612917400.01.T01	E3 ubiquitin-protein ligase RGLG1
maker-6-augustus-gene-243.26-mRNA-1	Japonica	Indica		Os02g0198700	OsR498G0612919100.01.T01	Subtilisin-like protease
maker-6-augustus-gene-243.28-mRNA-1	Japonica	Indica		Os02g0198300	OsR498G0612919300.01.T02	ADP-ribosylation factor GTPase-activating protein AGD12
maker-6-augustus-gene-243.33-mRNA-1	Japonica	NA		Os06g0609500	OsR498G0612919500.01.T05	MYB-CC type transfactor
maker-6-augustus-gene-243.36-mRNA-1	Japonica	Indica		Os06g0609800	OsR498G0612920500.01.T01	Serine/arginine repetitive matrix protein 2
maker-6-augustus-gene-243.40-mRNA-1	Japonica	Indica		Os06g0609900	OsR498G0612920700.01.T01	
maker-6-augustus-gene-243.42-mRNA-1	Japonica	NA		Os06g0610800	OsR498G0612924300.01.T02	Aspartic proteinase nepenthesin-1
maker-6-augustus-gene-243.45-mRNA-1	Japonica	NA		Os06g0609600	OsR498G0612919800.01.T02	probable calcium-binding protein CML21
maker-6-augustus-gene-243.48-mRNA-1	Japonica	NA		Os06g0609700	OsR498G0612920200.01.T02	Alpha/beta-Hydrolases superfamily protein
maker-6-augustus-gene-243.52-mRNA-1	Japonica	Japonica		Os06g0610100	OsR498G0612921400.01.T01	Bifunctional monodehydroascorbate reductase and carbonic anhydrase nec
maker-6-augustus-gene-243.54-mRNA-1	Japonica	NA			OsR498G0612924200.01.T01	
maker-6-augustus-gene-244.0-mRNA-1	Japonica	NA		Os06g0611000	OsR498G0612924700.01.T01	65-kDa microtubule-associated protein 1
maker-6-augustus-gene-244.14-mRNA-1	Japonica	NA		Os06g0612300		TRANSPARENT TESTA 1 protein, putative
maker-6-augustus-gene-244.16-mRNA-1	Japonica	NA			OsR498G0612925000.01.T01	IQ-domain 33
maker-6-augustus-gene-244.19-mRNA-1	Japonica	NA			OsR498G0612925600.01.T01	
maker-6-augustus-gene-244.21-mRNA-1	Japonica	NA		Os01g0711800	OsR498G0612927600.01.T02	Nucleosome assembly protein 1
maker-6-augustus-gene-244.24-mRNA-1	Japonica	NA		Os01g0711400	OsR498G0612928200.01.T02	Glycine dehydrogenase (aminomethyl-transferring)
maker-6-augustus-gene-244.3-mRNA-1	Japonica	NA		Os06g0611400	OsR498G0612926500.01.T01	Exopolygalacturonase-like
maker-6-augustus-gene-244.5-mRNA-1	Japonica	NA		Os06g0611500	OsR498G0612926900.01.T01	Group 13 grass pollen allergen (Fragment)
maker-6-augustus-gene-244.7-mRNA-1	Japonica	Indica		Os01g0712700	OsR498G0612927300.01.T01	Cytidine deaminase

maker-6-augustus-gene-244.8-mRNA-1	Japonica	NA				DNA-directed RNA polymerase subunit
maker-6-augustus-gene-245.38-mRNA-1	Japonica	NA		Os06g0613400	OsR498G0612934500.01.T01	Gamma response gene 1
maker-6-augustus-gene-245.40-mRNA-1	Japonica	NA		Os06g0613800	OsR498G0612936500.01.T02	
maker-6-augustus-gene-245.45-mRNA-1	Japonica	Japonica		Os06g0612900	OsR498G0612933600.01.T02	
maker-6-augustus-gene-245.50-mRNA-1	Japonica	NA			OsR498G0612933800.01.T01	AbfB domain-containing protein
maker-6-augustus-gene-245.54-mRNA-1	Japonica	Japonica		Os06g0613100	OsR498G0612934200.01.T01	Pentatricopeptide repeat-containing protein mitochondrial-like
maker-6-augustus-gene-245.57-mRNA-1	Japonica	NA			OsR498G0612935600.01.T01	Transcription factor bHLH48 isoform A
maker-6-augustus-gene-245.63-mRNA-1	Japonica	NA		Os06g0613600	OsR498G0612935800.01.T01	3,9-dihydroxypterocarpan 6A-monooxygenase
maker-6-augustus-gene-246.28-mRNA-1	Japonica	NA		Os06g0614300	OsR498G0612938100.01.T03	TBCC domain-containing protein 1
maker-6-augustus-gene-246.34-mRNA-1	Japonica	NA		Os06g0614100	OsR498G0612937400.01.T01	Transcription factor TGAL11
maker-6-augustus-gene-247.27-mRNA-1	Japonica	NA		Os01g0346501		Transposon protein, putative, CACTA, En/Spm sub-class
maker-6-augustus-gene-248.0-mRNA-1	Japonica	NA		Os06g0618000	OsR498G0612959500.01.T01	Elongation factor Ts, mitochondrial
maker-6-augustus-gene-248.10-mRNA-1	Japonica	Indica		Os06g0617800	OsR498G0612958800.01.T01	Ribose-phosphate diphosphokinase
maker-6-augustus-gene-248.15-mRNA-1	Japonica	NA		Os06g0618100	OsR498G0612959800.01.T01	C3H-type transcription factor (Fragment)
maker-6-augustus-gene-248.17-mRNA-1	Japonica	NA			OsR498G0612960000.01.T02	Protein N-terminal asparagine amidohydrolase
maker-6-augustus-gene-248.2-mRNA-1	Japonica	NA			OsR498G0612960300.01.T01	Transmembrane protein, putative
maker-6-augustus-gene-248.4-mRNA-1	Japonica	Indica		Os06g0618600	OsR498G0612960500.01.T04	Reduced growth phenotype protein 1
maker-6-augustus-gene-249.57-mRNA-1	Japonica	Japonica	NBS-TM	Os06g0619000	OsR498G0612961500.01.T01	Putative disease resistance protein RGA3
maker-6-augustus-gene-249.59-mRNA-1	Japonica	NA		Os06g0620600	OsR498G0612964900.01.T01	Integral membrane HRF1 family protein
maker-6-augustus-gene-249.63-mRNA-1	Japonica	Japonica	LRR-TM	Os06g0621500	OsR498G0612965800.01.T01	NAF domain-containing protein
maker-6-augustus-gene-250.30-mRNA-1	Japonica	NA		Os06g0621900	OsR498G0612967500.01.T01	Expansin
maker-6-augustus-gene-250.32-mRNA-1	Japonica	NA		Os06g0622300	OsR498G0612968500.01.T02	AT-rich interactive domain-containing protein 3
maker-6-augustus-gene-250.36-mRNA-1	Japonica	NA		Os06g0622700	OsR498G0612970100.01.T01	BZIP transcription factor
maker-6-augustus-gene-250.39-mRNA-1	Japonica	NA			OsR498G0612970500.01.T05	SEC7 domain-containing protein
maker-6-augustus-gene-250.44-mRNA-1	Japonica	NA	LRR-TM	Os06g0621500		Putative disease resistance RPP13-like protein 1
maker-6-augustus-gene-250.46-mRNA-1	Japonica	NA		Os06g0622000		CW-type domain-containing protein
maker-6-augustus-gene-250.55-mRNA-1	Japonica	NA			OsR498G0612969400.01.T05	Cell division cycle protein B
maker-6-augustus-gene-251.30-mRNA-1	Japonica	NA		Os06g0624100	OsR498G0612975700.01.T01	Subtilisin-like serine protease
maker-6-augustus-gene-251.35-mRNA-1	Japonica	Indica		Os06g0624700	OsR498G0612976300.01.T01	Glycosyltransferase family 92 protein (Fragment)
maker-6-augustus-gene-251.37-mRNA-1	Japonica	NA		Os06g0622900	OsR498G0612970800.01.T06	RRM domain-containing protein
maker-6-augustus-gene-251.42-mRNA-1	Japonica	NA			OsR498G0612971600.01.T01	NAD-dependent epimerase/dehydratase
maker-6-augustus-gene-251.44-mRNA-1	Japonica	NA		Os06g0623200	OsR498G0612971600.01.T02	Dihydroflavonol-4-reductase
maker-6-augustus-gene-251.46-mRNA-1	Japonica	NA		Os06g0623300	OsR498G0612971800.01.T01	Epimerase domain-containing protein
maker-6-augustus-gene-251.51-mRNA-1	Japonica	NA		Os06g0623600	OsR498G0612972800.01.T02	Epimerase domain-containing protein
maker-6-augustus-gene-252.13-mRNA-1	Japonica	NA		Os06g0625900	OsR498G0612983000.01.T01	Potassium transporter
maker-6-augustus-gene-252.2-mRNA-1	Japonica	Indica		Os02g0192500	OsR498G0612982500.01.T02	Glucomannan 4-beta-mannosyltransferase
maker-6-augustus-gene-254.17-mRNA-1	Japonica	Indica		Os04g0483700	OsR498G0612992800.01.T01	J domain-containing protein
maker-6-augustus-gene-255.0-mRNA-1	Japonica	NA		Os03g0168000	OsR498G0612996700.01.T01	Sugar transport protein-like
maker-6-augustus-gene-255.4-mRNA-1	Japonica	Indica		Os10g0330600	OsR498G0612997600.01.T01	Beta-galactosidase 14
maker-6-augustus-gene-256.2-mRNA-1	Japonica	Japonica		Os06g0630300	OsR498G0613010200.01.T01	Selenocysteine methyltransferase-like isoform X1
maker-6-augustus-gene-258.33-mRNA-1	Japonica	NA		Os06g0633800	OsR498G0613017700.01.T02	Sodium-coupled neutral amino acid transporter 1
maker-6-augustus-gene-258.40-mRNA-1	Japonica	NA			OsR498G0613018900.01.T01	
maker-6-augustus-gene-258.42-mRNA-1	Japonica	NA		Os06g0634200		WIYLD domain-containing protein
maker-6-augustus-gene-258.47-mRNA-1	Japonica	NA		Os06g0633300		Phytosulfokines 1
maker-6-augustus-gene-258.49-mRNA-1	Japonica	NA		Os06g0634100		nuclear intron maturase 4, mitochondrial
maker-6-augustus-gene-259.0-mRNA-1	Japonica	NA			OsR498G0613020500.01.T01	UDP-glucose-fructose-phosphate glucosyltransferase
maker-6-augustus-gene-259.17-mRNA-1	Japonica	NA		Os06g0634600	OsR498G0613020400.01.T02	Plant UBX domain-containing protein 4
maker-6-augustus-gene-259.2-mRNA-1	Japonica	NA		Os01g0823000		
maker-6-augustus-gene-259.20-mRNA-1	Japonica	NA		Os06g0635200	OsR498G0613021200.01.T01	Extracellular ligand-gated ion channel
maker-6-augustus-gene-259.22-mRNA-1	Japonica	NA			OsR498G0613022200.01.T01	Myzus persicae-induced lipase 1
maker-6-augustus-gene-259.27-mRNA-1	Japonica	Japonica		Os06g0635500	OsR498G0613022800.01.T01	Glutathione S-transferase T3-like
maker-6-augustus-gene-259.9-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os02g0190500	OsR498G0613020200.01.T02	Putative STRUBBELUG family receptor protein kinase
maker-6-augustus-gene-260.30-mRNA-1	Japonica	NA			OsR498G0613024300.01.T01	AvrRpt-cleavage domain-containing protein
maker-6-augustus-gene-260.32-mRNA-1	Japonica	NA	Kinase	Os06g0636600	OsR498G0613026300.01.T03	Serine/threonine-protein kinase
maker-6-augustus-gene-260.36-mRNA-1	Japonica	NA		Os06g0636700	OsR498G0613026600.01.T01	GDSL esterase/lipase
maker-6-augustus-gene-261.38-mRNA-1	Japonica	NA				Zinc finger (CCCH-type) protein-like
maker-6-augustus-gene-261.44-mRNA-1	Japonica	Indica		Os06g0638200	OsR498G0613032100.01.T01	UPF0047 protein YjbQ
maker-6-augustus-gene-261.49-mRNA-1	Japonica	NA				Exostosin domain-containing protein (Fragment)
maker-6-augustus-gene-261.60-mRNA-1	Japonica	NA		Os06g0638100	OsR498G0613031800.01.T01	Protein TIC 21, chloroplastic isoform A
maker-6-augustus-gene-261.62-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0613032800.01.T01	Leucine-rich repeat protein kinase family protein isoform 2
maker-6-augustus-gene-261.64-mRNA-1	Japonica	NA		Os06g0638700	OsR498G0613033400.01.T04	Cyclase-like protein 2 isoform A

maker-6-augustus-gene-261.68-mRNA-1	Japonica	NA			OsR498G0613033600.01.T01	Calcium-binding protein-like
maker-6-augustus-gene-261.71-mRNA-1	Japonica	NA				E3 ubiquitin-protein ligase march6-like protein (Fragment)
maker-6-augustus-gene-261.76-mRNA-1	Japonica	NA			OsR498G0613034000.01.T02	Floral homeotic protein like
maker-6-augustus-gene-261.82-mRNA-1	Japonica	NA		Os06g0639600	OsR498G0613037000.01.T02	Elongator component
maker-6-augustus-gene-262.42-mRNA-1	Japonica	NA		Os06g0639800	OsR498G0613037900.01.T01	Premnaspirodiene oxygenase
maker-6-augustus-gene-262.43-mRNA-1	Japonica	Indica		Os06g0639800	OsR498G0613038100.01.T01	Premnaspirodiene oxygenase
maker-6-augustus-gene-265.57-mRNA-1	Japonica	NA			OsR498G0613055400.01.T06	Transcription initiation factor TFIID subunit 1
maker-6-augustus-gene-265.61-mRNA-1	Japonica	NA		Os06g0646000	OsR498G0613055600.01.T01	Methyltransferase-like
maker-6-augustus-gene-268.31-mRNA-1	Japonica	NA		Os06g0651600	OsR498G0613075200.01.T03	Protein-serine/threonine phosphatase
maker-6-augustus-gene-276.53-mRNA-1	Japonica	NA		Os06g0664800	OsR498G0613123100.01.T01	Octamer-binding transcription factor
maker-6-augustus-gene-278.60-mRNA-1	Japonica	NA		Os11g0205500	OsR498G1119581200.01.T01	
maker-6-augustus-gene-28.44-mRNA-1	Japonica	NA			OsR498G0611642400.01.T01	VWFA domain-containing protein
maker-6-augustus-gene-288.13-mRNA-1	Japonica	NA		Os06g0687600	OsR498G0613211900.01.T02	Protein IRREGULAR XYLEM 15
maker-6-augustus-gene-288.15-mRNA-1	Japonica	NA		Os06g0687800	OsR498G0613212500.01.T03	EH domain-containing protein 1
maker-6-augustus-gene-288.19-mRNA-1	Japonica	NA			OsR498G0613212900.01.T01	Glycosyltransferases
maker-6-augustus-gene-288.2-mRNA-1	Japonica	Indica		Os06g0686400	OsR498G0613207700.01.T01	AAI domain-containing protein (Fragment)
maker-6-augustus-gene-288.24-mRNA-1	Japonica	Indica		Os02g0158800	OsR498G0613210800.01.T02	O-fucosyltransferase family protein (Fragment)
maker-6-augustus-gene-288.3-mRNA-1	Japonica	NA				Putative mitochondrial intermediate peptidase mitochondrial
maker-6-augustus-gene-288.30-mRNA-1	Japonica	NA			OsR498G0613211000.01.T02	Putative methyltransferase PMT9
maker-6-augustus-gene-288.33-mRNA-1	Japonica	Indica		Os06g0687700	OsR498G0613212200.01.T01	T-complex protein 1 subunit eta
maker-6-augustus-gene-288.8-mRNA-1	Japonica	NA			OsR498G0613211300.01.T02	U2 small nuclear ribonucleoprotein B
maker-6-augustus-gene-289.52-mRNA-1	Japonica	NA		Os06g0688100	OsR498G0613211300.01.T02	RNA polymerase I-specific transcription initiation factor RRN3
maker-6-augustus-gene-289.65-mRNA-1	Japonica	NA			OsR498G0613214400.01.T02	Cysteine-rich receptor-like protein kinase 10 isoform X1
maker-6-augustus-gene-289.68-mRNA-1	Japonica	Indica	Kinase-TM	Os06g0693000	OsR498G0613215600.01.T01	Cysteine-rich receptor-like protein kinase 19
maker-6-augustus-gene-289.74-mRNA-1	Japonica	NA		Os06g0690700	OsR498G0613217600.01.T01	Chloroplast heavy metal P-type ATPase
maker-6-augustus-gene-290.0-mRNA-1	Japonica	NA		Os06g0691000	OsR498G0613218600.01.T01	DNA repair protein REV1
maker-6-augustus-gene-290.5-mRNA-1	Japonica	NA		Os06g0691400	OsR498G0613219600.01.T01	IAA-amino acid hydrolase
maker-6-augustus-gene-291.44-mRNA-1	Japonica	NA	Kinase-TM	Os06g0693000	OsR498G0613226300.01.T03	Cysteine-rich receptor-like protein kinase 19
maker-6-augustus-gene-291.52-mRNA-1	Japonica	NA				
maker-6-augustus-gene-291.54-mRNA-1	Japonica	NA		Os06g0693500	OsR498G0613228100.01.T01	Cytoplasmic 60S subunit biogenesis factor REI1 homolog 1
maker-6-augustus-gene-291.57-mRNA-1	Japonica	NA			OsR498G0613228300.01.T05	
maker-6-augustus-gene-291.61-mRNA-1	Japonica	NA	Kinase	Os06g0693900		Cyclin dependent protein kinase
maker-6-augustus-gene-291.63-mRNA-1	Japonica	NA		Os06g0694100	OsR498G0613229300.01.T02	Tel2 interacting protein 2
maker-6-augustus-gene-291.66-mRNA-1	Japonica	NA		Os06g0694500	OsR498G0613230500.01.T01	NFU domain protein 3 isoform 6
maker-6-augustus-gene-291.69-mRNA-1	Japonica	NA	LRR-TM	Os06g0692700	OsR498G0613225200.01.T03	Tyrosine-sulfated glycopeptide receptor 1
maker-6-augustus-gene-291.71-mRNA-1	Japonica	NA		Os06g0692800	OsR498G0613225600.01.T02	Ternary complex factor MIP1-like
maker-6-augustus-gene-291.76-mRNA-1	Japonica	NA			OsR498G0613227800.01.T03	Replication factor A protein 2
maker-6-augustus-gene-291.81-mRNA-1	Japonica	NA		Os06g0694000	OsR498G0613229200.01.T02	Adagio-like protein 1
maker-6-augustus-gene-291.83-mRNA-1	Japonica	NA		Os06g0694400	OsR498G0613230200.01.T01	DNA-binding WRKY
maker-6-augustus-gene-291.85-mRNA-1	Japonica	NA		Os06g0694800	OsR498G0613231400.01.T01	La-related protein 6 isoform 1
maker-6-augustus-gene-292.0-mRNA-1	Japonica	NA		Os06g0695200	OsR498G0613232300.01.T01	Peroxidase
maker-6-augustus-gene-292.2-mRNA-1	Japonica	NA		Os06g0695400	OsR498G0613232700.01.T01	Peroxidase
maker-6-augustus-gene-292.4-mRNA-1	Japonica	NA		Os06g0695500	OsR498G0613233900.01.T01	Peroxidase
maker-6-augustus-gene-292.6-mRNA-1	Japonica	NA		Os06g0695200	OsR498G0613232600.01.T01	Peroxidase
maker-6-augustus-gene-292.8-mRNA-1	Japonica	NA		Os06g0695600	OsR498G0613234400.01.T01	E3 ubiquitin-protein ligase Arkadia
maker-6-augustus-gene-293.39-mRNA-1	Japonica	Indica		Os06g0696400	OsR498G0613237300.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-6-augustus-gene-293.43-mRNA-1	Japonica	Indica		Os04g0604900	OsR498G0613237900.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-6-augustus-gene-293.45-mRNA-1	Japonica	NA		Os06g0696600	OsR498G0613238700.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-6-augustus-gene-296.33-mRNA-1	Japonica	Indica		Os06g0701300	OsR498G0613255000.01.T01	Putative aarF domain-containing protein kinase
maker-6-augustus-gene-298.18-mRNA-1	Japonica	Indica		Os06g0703800	OsR498G0613267900.01.T01	Chaperone binding,ATPase activators
maker-6-augustus-gene-299.69-mRNA-1	Japonica	NA				Histone acetyltransferase
maker-6-augustus-gene-3.32-mRNA-1	Japonica	Indica		Os06g0103800	OsR498G0611473500.01.T02	Membrane protein of ER body 2
maker-6-augustus-gene-3.36-mRNA-1	Japonica	NA				AAI domain-containing protein (Fragment)
maker-6-augustus-gene-3.37-mRNA-1	Japonica	NA		Os06g0103900	OsR498G0611474200.01.T02	Methyltransferase
maker-6-augustus-gene-3.39-mRNA-1	Japonica	NA		Os06g0104000	OsR498G0611474400.01.T03	Aminopeptidase
maker-6-augustus-gene-3.42-mRNA-1	Japonica	NA		Os06g0104200	OsR498G0611474800.01.T01	Secondary wall NAC master switch
maker-6-augustus-gene-3.44-mRNA-1	Japonica	NA		Os06g0104300	OsR498G0611475400.01.T01	Monocopper oxidase-like protein SKU5
maker-6-augustus-gene-3.47-mRNA-1	Japonica	Indica		Os06g0104400	OsR498G0611475800.01.T01	BAG family molecular chaperone regulator 7
maker-6-augustus-gene-305.45-mRNA-1	Japonica	NA		Os06g0717600	OsR498G0613309900.01.T01	NEP1-interacting protein 1
maker-6-augustus-gene-305.67-mRNA-1	Japonica	NA		Os06g0717800	OsR498G0613310200.01.T01	Protein-serine/threonine phosphatase
maker-6-augustus-gene-307.57-mRNA-1	Japonica	Indica		Os06g0724800	OsR498G0613327500.01.T01	Transcription factor bHLH93

maker-6-augustus-gene-32.7-mRNA-1	Japonica	NA		Os06g0161800	OsR498G0611669500.01.T01	DUF569 domain-containing protein
maker-6-augustus-gene-35.62-mRNA-1	Japonica	NA		Os06g0168600	OsR498G0611687800.01.T02	Ribonucleoside-diphosphate reductase
maker-6-augustus-gene-35.67-mRNA-1	Japonica	NA	Kinase-TM	Os06g0168800	OsR498G0611688600.01.T01	Mitogen-activated protein kinase kinase
maker-6-augustus-gene-36.10-mRNA-1	Japonica	NA			OsR498G0714849700.01.T01	L10-interacting MYB domain-containing protein
maker-6-augustus-gene-36.20-mRNA-1	Japonica	NA				DUF569 domain-containing protein
maker-6-augustus-gene-36.5-mRNA-1	Japonica	NA		Os06g0161900	OsR498G0611693600.01.T02	DUF569 domain-containing protein
maker-6-augustus-gene-37.14-mRNA-1	Japonica	Indica		Os06g0161900	OsR498G0204888100.01.T01	DUF569 domain-containing protein
maker-6-augustus-gene-37.18-mRNA-1	Japonica	NA		Os06g0171900	OsR498G0611698300.01.T03	WD repeat containing protein
maker-6-augustus-gene-37.22-mRNA-1	Japonica	NA		Os06g0172000	OsR498G0611698500.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
maker-6-augustus-gene-37.24-mRNA-1	Japonica	NA			OsR498G0611699500.01.T01	Fertility restorer-like
maker-6-augustus-gene-37.26-mRNA-1	Japonica	Indica		Os06g0172600	OsR498G0611699900.01.T01	
maker-6-augustus-gene-37.32-mRNA-1	Japonica	NA				Fanconi-associated nuclease
maker-6-augustus-gene-4.38-mRNA-1	Japonica	NA		Os06g0105500	OsR498G0611478100.01.T01	Protein arginine N-methyltransferase
maker-6-augustus-gene-4.44-mRNA-1	Japonica	NA		Os06g0105900	OsR498G0611479500.01.T03	Chorismate synthase
maker-6-augustus-gene-4.49-mRNA-1	Japonica	NA		Os06g0106000	OsR498G0611479700.01.T01	Septum site-determining protein minD like, chloroplastic
maker-6-augustus-gene-4.51-mRNA-1	Japonica	NA				
maker-6-augustus-gene-4.53-mRNA-1	Japonica	Indica		Os06g0107000	OsR498G0611482700.01.T01	DUF862 domain-containing protein
maker-6-augustus-gene-4.56-mRNA-1	Japonica	Indica		Os06g0107100	OsR498G0611482900.01.T01	Putative membrane protein Yjcl
maker-6-augustus-gene-4.66-mRNA-1	Japonica	NA			OsR498G0611478600.01.T02	Protein transport protein sec16
maker-6-augustus-gene-4.71-mRNA-1	Japonica	NA		Os06g0105700	OsR498G0611478800.01.T02	SANT domain-containing protein
maker-6-augustus-gene-4.75-mRNA-1	Japonica	NA		Os06g0105800	OsR498G0611479000.01.T02	HTH myb-type domain-containing protein (Fragment)
maker-6-augustus-gene-4.82-mRNA-1	Japonica	NA				
maker-6-augustus-gene-4.85-mRNA-1	Japonica	NA		Os06g0106800	OsR498G0611482000.01.T01	probable polygalacturonase
maker-6-augustus-gene-41.33-mRNA-1	Japonica	NA		Os06g0182400	OsR498G0611729300.01.T06	Metallophos domain-containing protein
maker-6-augustus-gene-41.37-mRNA-1	Japonica	NA		Os06g0182500	OsR498G0611729500.01.T03	LIM domain-containing protein isoform 1
maker-6-augustus-gene-41.44-mRNA-1	Japonica	Japonica		Os06g0182100	OsR498G0611728600.01.T01	DUF862 domain-containing protein (Fragment)
maker-6-augustus-gene-41.46-mRNA-1	Japonica	NA			OsR498G0611729000.01.T01	1,3-beta-glucan synthase
maker-6-augustus-gene-42.22-mRNA-1	Japonica	NA		Os06g0184300	OsR498G0611735600.01.T01	Ubiquitin carboxyl-terminal hydrolase
maker-6-augustus-gene-42.3-mRNA-1	Japonica	NA			OsR498G0611732400.01.T01	Sensor protein gacS
maker-6-augustus-gene-45.0-mRNA-1	Japonica	NA		Os06g0187900	OsR498G0611747100.01.T08	Serine/arginine-rich splicing factor 7
maker-6-augustus-gene-45.16-mRNA-1	Japonica	NA			OsR498G0611748000.01.T01	Glutamate receptor
maker-6-augustus-gene-45.19-mRNA-1	Japonica	NA				Ionotropic glutamate receptor
maker-6-augustus-gene-46.21-mRNA-1	Japonica	NA				PBPc domain-containing protein
maker-6-augustus-gene-46.23-mRNA-1	Japonica	NA		Os06g0190700	OsR498G0611753200.01.T01	PBPc domain-containing protein (Fragment)
maker-6-augustus-gene-47.42-mRNA-1	Japonica	Japonica		Os06g0191200	OsR498G0611754700.01.T01	DNA-dependent metalloprotease
maker-6-augustus-gene-47.44-mRNA-1	Japonica	NA		Os06g0191700	OsR498G0611757300.01.T01	Secologanin synthase
maker-6-augustus-gene-47.46-mRNA-1	Japonica	NA		Os06g0192100	OsR498G0611758700.01.T01	Glycosyltransferase
maker-6-augustus-gene-47.48-mRNA-1	Japonica	NA			OsR498G0611759700.01.T02	Pre-mRNA-splicing factor ATP-dependent RNA helicase DEAH10
maker-6-augustus-gene-47.52-mRNA-1	Japonica	NA		Os06g0192600	OsR498G0611759900.01.T01	26S protease regulatory subunit 7 homolog A
maker-6-augustus-gene-47.57-mRNA-1	Japonica	NA		Os06g0190700	OsR498G0611753200.01.T01	PBPc domain-containing protein (Fragment)
maker-6-augustus-gene-47.60-mRNA-1	Japonica	NA		Os06g0190800	OsR498G0611753600.01.T01	Glutamate receptor
maker-6-augustus-gene-47.62-mRNA-1	Japonica	NA		Os06g0191800	OsR498G0611757600.01.T01	Secologanin synthase
maker-6-augustus-gene-47.64-mRNA-1	Japonica	Indica	CC-Kinase-TM	Os02g0787200	OsR498G0611757800.01.T01	U-box domain-containing protein 35-like isoform X2
maker-6-augustus-gene-47.67-mRNA-1	Japonica	NA		Os06g0192400	OsR498G0611759200.01.T01	Hexosyltransferase
maker-6-augustus-gene-48.32-mRNA-1	Japonica	NA		Os06g0192900	OsR498G0611762100.01.T02	Lysine-ketoglutarate reductase/saccharopine dehydrogenase bifunctional e
maker-6-augustus-gene-48.36-mRNA-1	Japonica	NA		Os06g0194000	OsR498G0611765100.01.T01	EREBP transcription factor
maker-6-augustus-gene-48.38-mRNA-1	Japonica	NA		Os06g0194400	OsR498G0611769500.01.T01	TF-B3 domain-containing protein (Fragment)
maker-6-augustus-gene-48.42-mRNA-1	Japonica	NA		Os06g0193000	OsR498G0611762600.01.T01	UBC core domain-containing protein (Fragment)
maker-6-augustus-gene-48.46-mRNA-1	Japonica	NA		Os06g0193300	OsR498G0611763000.01.T01	Myophilin like
maker-6-augustus-gene-48.49-mRNA-1	Japonica	NA		Os06g0193400	OsR498G0611763200.01.T03	Transcription factor bHLH82
maker-6-augustus-gene-49.4-mRNA-1	Japonica	NA		Os06g0194900	OsR498G0611772600.01.T05	Sucrose synthase
maker-6-augustus-gene-5.52-mRNA-1	Japonica	Indica		Os06g0107600	OsR498G0611484500.01.T02	Auxin-induced protein 5NG4
maker-6-augustus-gene-5.56-mRNA-1	Japonica	NA			OsR498G0611486100.01.T05	MADS-box domain-containing protein
maker-6-augustus-gene-5.64-mRNA-1	Japonica	NA		Os06g0108900	OsR498G0611487900.01.T01	Bell-like homeodomain protein (Fragment)
maker-6-augustus-gene-5.69-mRNA-1	Japonica	NA		Os06g0109200	OsR498G0611490100.01.T01	
maker-6-augustus-gene-5.72-mRNA-1	Japonica	NA		Os06g0109300	OsR498G0611490300.01.T01	Auxin-induced protein 5NG4
maker-6-augustus-gene-5.75-mRNA-1	Japonica	NA	NBS-TM	Os06g0109400	OsR498G0611490500.01.T01	Cell division control protein C
maker-6-augustus-gene-5.78-mRNA-1	Japonica	NA		Os06g0107700	OsR498G0611484800.01.T01	Ferredoxin--NADP reductase, chloroplastic
maker-6-augustus-gene-5.82-mRNA-1	Japonica	Japonica		Os03g0596800	OsR498G0611486000.01.T01	TF-B3 domain-containing protein
maker-6-augustus-gene-5.85-mRNA-1	Japonica	Indica		Os01g0274500	OsR498G0611486400.01.T01	Expansin
maker-6-augustus-gene-5.87-mRNA-1	Japonica	Japonica		Os06g0109100	OsR498G0611488400.01.T02	RING-H2 zinc finger protein RHA1a

maker-6-augustus-gene-52.50-mRNA-1	Japonica	NA	Kinase-TM	Os06g0202900	OsR498G0611804800.01.T01	Serinethreonine-protein kinase
maker-6-augustus-gene-57.0-mRNA-1	Japonica	NA			OsR498G0611835900.01.T01	
maker-6-augustus-gene-6.36-mRNA-1	Japonica	Indica		Os06g0109600	OsR498G0611491500.01.T02	Adenylate kinase
maker-6-augustus-gene-6.42-mRNA-1	Japonica	NA		Os06g0110000	OsR498G0611493500.01.T01	Ent-kaurenoic acid oxidase
maker-6-augustus-gene-6.45-mRNA-1	Japonica	NA		Os06g0110100	OsR498G0611493700.01.T01	Protein-tyrosine-phosphatase
maker-6-augustus-gene-6.49-mRNA-1	Japonica	NA				Putative acyl-activating enzyme 19
maker-6-augustus-gene-6.58-mRNA-1	Japonica	Indica		Os06g0111300	OsR498G0611495800.01.T01	Pentatricopeptide (PPR) repeat-containing protein-like
maker-6-augustus-gene-6.65-mRNA-1	Japonica	NA		Os06g0111400	OsR498G0611496000.01.T01	Guanine nucleotide-binding protein alpha-2 subunit
maker-6-augustus-gene-65.0-mRNA-1	Japonica	NA		Os06g0223300	OsR498G0611883700.01.T01	MADS-box protein AGL66
maker-6-augustus-gene-65.5-mRNA-1	Japonica	NA		Os06g0222900	OsR498G0611882800.01.T02	IPPC domain-containing protein (Fragment)
maker-6-augustus-gene-66.6-mRNA-1	Japonica	NA		Os06g0223700	OsR498G0611885200.01.T01	FLZ-type domain-containing protein (Fragment)
maker-6-augustus-gene-7.0-mRNA-1	Japonica	NA		Os06g0112200	OsR498G0611500300.01.T01	Methylthioadenosine/S-adenosyl homocysteine nucleosidase
maker-6-augustus-gene-7.10-mRNA-1	Japonica	NA		Os06g0112700	OsR498G0611501300.01.T01	Transcription factor like
maker-6-augustus-gene-7.13-mRNA-1	Japonica	NA		Os06g0111800	OsR498G0611497000.01.T02	Cellulose synthase
maker-6-augustus-gene-7.15-mRNA-1	Japonica	NA		Os06g0112100	OsR498G0611498800.01.T02	Bark storage protein like
maker-6-augustus-gene-7.19-mRNA-1	Japonica	NA			OsR498G0611502200.01.T01	1,3-beta-glucan synthase
maker-6-augustus-gene-7.4-mRNA-1	Japonica	NA		Os06g0112300	OsR498G0611500500.01.T01	TF-B3 domain-containing protein (Fragment)
maker-6-augustus-gene-7.6-mRNA-1	Japonica	NA		Os06g0112400	OsR498G0611500700.01.T02	Binding partner of like (Fragment)
maker-6-augustus-gene-73.0-mRNA-1	Japonica	NA		Os06g0236300	OsR498G0611960900.01.T01	Protein-serine/threonine phosphatase
maker-6-augustus-gene-73.10-mRNA-1	Japonica	NA		Os06g0236600	OsR498G0611962200.01.T01	Cyclin N-terminal domain-containing protein (Fragment)
maker-6-augustus-gene-73.13-mRNA-1	Japonica	NA			OsR498G0611963200.01.T01	Ankyrin repeat domain-containing protein, chloroplastic
maker-6-augustus-gene-73.15-mRNA-1	Japonica	NA		Os06g0237200	OsR498G0611964000.01.T03	DNA polymerase lambda
maker-6-augustus-gene-73.2-mRNA-1	Japonica	NA			OsR498G0611962900.01.T03	tRNA (guanine-N(7))-methyltransferase
maker-6-augustus-gene-73.20-mRNA-1	Japonica	Japonica		Os06g0237300	OsR498G0611964200.01.T01	LIM zinc-binding domain-containing protein
maker-6-augustus-gene-73.24-mRNA-1	Japonica	NA			OsR498G0611964400.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-6-augustus-gene-73.27-mRNA-1	Japonica	NA	LRR		OsR498G0611964800.01.T03	NLR family CARD domain-containing protein 3
maker-6-augustus-gene-73.30-mRNA-1	Japonica	Indica		Os02g0741100	OsR498G0611965600.01.T01	Chaperone protein dnaJ 16
maker-6-augustus-gene-73.36-mRNA-1	Japonica	NA		Os06g0237900	OsR498G0611966600.01.T02	alpha-1,2-Mannosidase
maker-6-augustus-gene-73.5-mRNA-1	Japonica	NA		Os06g0237100	OsR498G0611963700.01.T01	Thiol-disulfide oxidoreductase DCC
maker-6-augustus-gene-74.0-mRNA-1	Japonica	NA			OsR498G0611970100.01.T02	Methyltransferase gidB, putative
maker-6-augustus-gene-74.14-mRNA-1	Japonica	Indica		Os06g0239700	OsR498G0611972500.01.T02	O-fucosyltransferase family protein
maker-6-augustus-gene-74.20-mRNA-1	Japonica	Japonica		Os06g0238700	OsR498G0611969400.01.T01	F-box/WD repeat-containing protein sel-10-like
maker-6-augustus-gene-74.5-mRNA-1	Japonica	NA		Os06g0239500	OsR498G0611971500.01.T01	Amino acid permease, putative isoform 1
maker-6-augustus-gene-74.8-mRNA-1	Japonica	NA			OsR498G0611972300.01.T02	O-fucosyltransferase family protein (Fragment)
maker-6-augustus-gene-75.33-mRNA-1	Japonica	Japonica		Os06g0240900	OsR498G0611973800.01.T01	Anthranilate O-methyltransferase 1
maker-6-augustus-gene-75.37-mRNA-1	Japonica	NA	Kinase-TM	Os06g0241100	OsR498G0713492600.01.T02	G-type lectin S-receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-75.39-mRNA-1	Japonica	NA			OsR498G0611974000.01.T01	Benzoate carboxyl methyltransferase
maker-6-augustus-gene-75.41-mRNA-1	Japonica	NA			OsR498G0611974200.01.T01	Inactive anthranilate O-methyltransferase 1
maker-6-augustus-gene-76.26-mRNA-1	Japonica	NA		Os10g0399700		Cystathionine gamma-synthase, chloroplastic
maker-6-augustus-gene-76.28-mRNA-1	Japonica	Indica		Os06g0240900	OsR498G0611977000.01.T01	Benzoate carboxyl methyltransferase
maker-6-augustus-gene-76.31-mRNA-1	Japonica	NA			OsR498G0611977800.01.T01	Anthranilate O-methyltransferase 1
maker-6-augustus-gene-77.25-mRNA-1	Japonica	NA		Os06g0244100	OsR498G0611981300.01.T04	
maker-6-augustus-gene-77.34-mRNA-1	Japonica	NA		Os06g0244000	OsR498G0611980400.01.T02	Benzoate carboxyl methyltransferase
maker-6-augustus-gene-77.38-mRNA-1	Japonica	Japonica		Os06g0244200	OsR498G0611981600.01.T03	RING-type domain-containing protein
maker-6-augustus-gene-79.35-mRNA-1	Japonica	Indica		Os06g0248400	OsR498G0611999900.01.T02	Poly [ADP-ribose] polymerase
maker-6-augustus-gene-8.42-mRNA-1	Japonica	Japonica		Os06g0113600	OsR498G0611504100.01.T02	DUF295 domain-containing protein
maker-6-augustus-gene-8.57-mRNA-1	Japonica	NA		Os06g0113500	OsR498G0611504000.01.T01	DUF295 domain-containing protein
maker-6-augustus-gene-8.58-mRNA-1	Japonica	NA		Os06g0113900	OsR498G0611505200.01.T01	
maker-6-augustus-gene-8.60-mRNA-1	Japonica	Indica		Os06g0113950	OsR498G0611505600.01.T01	
maker-6-augustus-gene-8.63-mRNA-1	Japonica	NA		Os06g0114000	OsR498G0611505800.01.T02	RuBisCO large subunit-binding protein subunit beta
maker-6-augustus-gene-82.21-mRNA-1	Japonica	NA			OsR498G0612021100.01.T03	Chromatin structure-remodeling complex protein SYD
maker-6-augustus-gene-82.26-mRNA-1	Japonica	NA		Os06g0255300	OsR498G0612021100.01.T01	SnAC domain-containing protein
maker-6-augustus-gene-82.38-mRNA-1	Japonica	Japonica		Os06g0255000	OsR498G0612020800.01.T03	2-oxoglutarate-dependent dioxygenase
maker-6-augustus-gene-82.40-mRNA-1	Japonica	Japonica		Os06g0255100	OsR498G0612021000.01.T01	Fe2OG dioxygenase domain-containing protein
maker-6-augustus-gene-83.19-mRNA-1	Japonica	NA		Os06g0256800	OsR498G0612029500.01.T01	Signal recognition particle 19 kDa family protein
maker-6-augustus-gene-83.26-mRNA-1	Japonica	NA		Os06g0256900	OsR498G0612029800.01.T02	Endoglucanase
maker-6-augustus-gene-83.30-mRNA-1	Japonica	NA			OsR498G0612031200.01.T02	Signal recognition particle 9 kDa protein (Fragment)
maker-6-augustus-gene-84.41-mRNA-1	Japonica	NA		Os06g0258000	OsR498G0612033300.01.T01	Myb factor
maker-6-augustus-gene-84.43-mRNA-1	Japonica	NA		Os06g0258900	OsR498G0612038100.01.T01	Ketose-bisphosphate aldolase class-II family protein isoform 1
maker-6-augustus-gene-84.50-mRNA-1	Japonica	NA			OsR498G0612038400.01.T01	1-phosphatidylinositol-3-phosphate 5-kinase
maker-6-augustus-gene-85.0-mRNA-1	Japonica	NA		Os06g0260000	OsR498G0612043200.01.T01	Tify domain-containing protein

maker-6-augustus-gene-88.32-mRNA-1	Japonica	NA		Os06g0264300	OsR498G0612055700.01.T01	Ubiquitin receptor RAD23
maker-6-augustus-gene-88.38-mRNA-1	Japonica	NA		Os06g0264500	OsR498G0612057700.01.T01	Peptide transporter PTR5
maker-6-augustus-gene-88.41-mRNA-1	Japonica	NA		Os06g0264800	OsR498G0612058800.01.T01	CAAD domain-containing protein
maker-6-augustus-gene-88.44-mRNA-1	Japonica	NA		Os06g0264900	OsR498G0612059200.01.T03	Carbon catabolite repressor protein 4 homolog 3
maker-6-augustus-gene-89.8-mRNA-1	Japonica	Indica		Os06g0265400	OsR498G0612061600.01.T03	BZIP transcription factor family protein isoform 1
maker-6-augustus-gene-90.26-mRNA-1	Japonica	NA			OsR498G0612065500.01.T02	Autophagy 2
maker-6-augustus-gene-92.10-mRNA-1	Japonica	NA		Os06g0273500	OsR498G0612083900.01.T01	Leaf senescence protein-like
maker-6-augustus-gene-92.8-mRNA-1	Japonica	Japonica		Os06g0273200	OsR498G0612083700.01.T01	Leaf senescence protein-like
maker-6-augustus-gene-98.0-mRNA-1	Japonica	NA		Os06g0283200	OsR498G0612142500.01.T01	PHD and RING finger domain-containing protein 1
maker-6-augustus-gene-99.26-mRNA-1	Japonica	NA		Os06g0284800	OsR498G0612148900.01.T01	Movement protein binding protein 2C
maker-6-augustus-gene-99.29-mRNA-1	Japonica	NA		Os06g0284200	OsR498G0612146400.01.T03	O-fucosyltransferase family protein
maker-7-augustus-gene-101.32-mRNA-1	Japonica	NA				
maker-7-augustus-gene-101.36-mRNA-1	Japonica	NA			OsR498G0713989900.01.T01	PlsC domain-containing protein
maker-7-augustus-gene-102.37-mRNA-1	Japonica	NA		Os07g0280200	OsR498G0713992100.01.T01	4-coumarate--CoA ligase-like 9
maker-7-augustus-gene-103.36-mRNA-1	Japonica	Indica		Os07g0282300	OsR498G0713994900.01.T01	Aldehyde oxidase/xanthine dehydrogenase molybdopterin binding protein
maker-7-augustus-gene-103.43-mRNA-1	Japonica	NA		Os07g0281000	OsR498G0713993000.01.T01	Zinc finger CCH domain-containing protein 4
maker-7-augustus-gene-104.23-mRNA-1	Japonica	NA		Os07g0282300	OsR498G0713994900.01.T01	Aldehyde oxidase/xanthine dehydrogenase molybdopterin binding protein
maker-7-augustus-gene-104.28-mRNA-1	Japonica	NA	Kinase-TM	Os07g0283125	OsR498G0713999800.01.T01	Putative receptor-type protein kinase LRK1
maker-7-augustus-gene-104.29-mRNA-1	Japonica	NA		Os07g0283200	OsR498G0713999800.01.T05	Transmembrane isoform 2
maker-7-augustus-gene-106.28-mRNA-1	Japonica	NA		Os07g0285200	OsR498G0714008000.01.T01	FBD domain-containing protein (Fragment)
maker-7-augustus-gene-106.30-mRNA-1	Japonica	Indica		Os07g0285700	OsR498G0714008200.01.T01	FBD domain-containing protein (Fragment)
maker-7-augustus-gene-106.32-mRNA-1	Japonica	Japonica		Os07g0285700	OsR498G0714008400.01.T01	FBD domain-containing protein (Fragment)
maker-7-augustus-gene-106.34-mRNA-1	Japonica	NA		Os07g0286100		FBD domain-containing protein
maker-7-augustus-gene-107.27-mRNA-1	Japonica	NA		Os07g0287000	OsR498G0714014300.01.T02	FBD domain-containing protein (Fragment)
maker-7-augustus-gene-107.29-mRNA-1	Japonica	NA			OsR498G0714014500.01.T06	Tetratricopeptide repeat (TPR)-like superfamily protein
maker-7-augustus-gene-107.30-mRNA-1	Japonica	NA		Os07g0287100	OsR498G0714014500.01.T06	Tetratricopeptide repeat-like superfamily protein isoform 2
maker-7-augustus-gene-107.43-mRNA-1	Japonica	NA		Os06g0357800	OsR498G0408344700.01.T01	Cell wall protein-like
maker-7-augustus-gene-107.44-mRNA-1	Japonica	NA		Os01g0719300	OsR498G0101906500.01.T04	STAS domain-containing protein (Fragment)
maker-7-augustus-gene-108.0-mRNA-1	Japonica	NA			OsR498G0509629200.01.T01	
maker-7-augustus-gene-108.6-mRNA-1	Japonica	NA				Ulp1 protease family, C-terminal catalytic domain containing protein, expres
maker-7-augustus-gene-108.8-mRNA-1	Japonica	NA			OsR498G0714022200.01.T01	
maker-7-augustus-gene-109.0-mRNA-1	Japonica	NA		Os07g0290800	OsR498G0714024700.01.T01	Chloroplast inner membrane import protein Tic22
maker-7-augustus-gene-109.11-mRNA-1	Japonica	Indica		Os07g0293000	OsR498G0714029400.01.T01	4-hydroxyphenylacetaldehyde oxime monooxygenase
maker-7-augustus-gene-109.3-mRNA-1	Japonica	NA			OsR498G1120154400.01.T01	Putative proteophosphoglycan ppg3
maker-7-augustus-gene-109.9-mRNA-1	Japonica	Indica		Os03g0848400	OsR498G0714026200.01.T01	Endoplasmic reticulum transmembrane protein (Fragment)
maker-7-augustus-gene-110.0-mRNA-1	Japonica	NA		Os07g0292800	OsR498G0714030900.01.T01	TRASH domain-containing protein (Fragment)
maker-7-augustus-gene-110.3-mRNA-1	Japonica	Japonica		Os07g0293000	OsR498G0714031400.01.T01	4-hydroxyphenylacetaldehyde oxime monooxygenase
maker-7-augustus-gene-111.29-mRNA-1	Japonica	NA		Os07g0294800	OsR498G0714035300.01.T01	Nucleotide-diphospho-sugar transferase family protein
maker-7-augustus-gene-111.31-mRNA-1	Japonica	NA		Os07g0295400	OsR498G0714037500.01.T01	nuclear pore complex protein NUP54
maker-7-augustus-gene-111.36-mRNA-1	Japonica	NA		Os07g0295000	OsR498G0714035600.01.T02	S-adenosylmethionine carrier 1 chloroplastic/mitochondrial
maker-7-augustus-gene-111.40-mRNA-1	Japonica	NA		Os07g0295200	OsR498G0714035800.01.T02	DUF167 domain-containing protein
maker-7-augustus-gene-112.24-mRNA-1	Japonica	NA		Os07g0296800	OsR498G0714040700.01.T01	
maker-7-augustus-gene-112.26-mRNA-1	Japonica	Indica		Os09g0272250	OsR498G0714041500.01.T01	
maker-7-augustus-gene-112.29-mRNA-1	Japonica	NA				Zn-dependent exopeptidase superfamily protein
maker-7-augustus-gene-112.37-mRNA-1	Japonica	NA		Os07g0296200	OsR498G0714040200.01.T01	Transcription initiation factor TFIID subunit 15
maker-7-augustus-gene-113.0-mRNA-1	Japonica	NA		Os07g0297100	OsR498G0714042700.01.T01	MATH domain-containing protein (Fragment)
maker-7-augustus-gene-113.10-mRNA-1	Japonica	Japonica		Os07g0298100	OsR498G0714044000.01.T01	Actin cytoskeleton-regulatory complex protein pan1-like
maker-7-augustus-gene-113.8-mRNA-1	Japonica	NA		Os10g0521100	OsR498G1019058200.01.T02	Actin-depolymerizing factor
maker-7-augustus-gene-114.26-mRNA-1	Japonica	NA		Os07g0299600	OsR498G0714051300.01.T03	
maker-7-augustus-gene-114.28-mRNA-1	Japonica	Indica		Os07g0298900	OsR498G0714047000.01.T01	HMA domain-containing protein (Fragment)
maker-7-augustus-gene-114.30-mRNA-1	Japonica	NA		Os07g0299800	OsR498G0714051800.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
maker-7-augustus-gene-115.22-mRNA-1	Japonica	NA		Os07g0300200	OsR498G0714052900.01.T04	Auxin efflux carrier
maker-7-augustus-gene-115.24-mRNA-1	Japonica	NA				Aspartate kinase
maker-7-augustus-gene-115.29-mRNA-1	Japonica	NA		Os07g0301200	OsR498G0714055800.01.T01	DEAD-box ATP-dependent RNA helicase
maker-7-augustus-gene-115.33-mRNA-1	Japonica	NA	Kinase-TM	Os07g0301550	OsR498G0714056600.01.T01	Receptor-like serine/threonine-protein kinase
maker-7-augustus-gene-119.0-mRNA-1	Japonica	Indica		Os07g0404300	OsR498G0714065600.01.T01	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase
maker-7-augustus-gene-120.23-mRNA-1	Japonica	NA		Os07g0405100	OsR498G0714070300.01.T08	WD40 domain-containing protein/LisH domain-containing protein
maker-7-augustus-gene-122.29-mRNA-1	Japonica	Indica		Os08g0110700	OsR498G0714075300.01.T10	Phospholipase SGR2
maker-7-augustus-gene-122.35-mRNA-1	Japonica	NA		Os07g0406300	OsR498G0714073200.01.T01	Glucose-6-phosphate 1-dehydrogenase
maker-7-augustus-gene-122.40-mRNA-1	Japonica	NA		Os07g0406800	OsR498G0714075800.01.T04	DNA primase large subunit
maker-7-augustus-gene-123.24-mRNA-1	Japonica	NA			OsR498G0407881700.01.T01	Transposon protein, putative, Mutator sub-class, expressed

maker-7-augustus-gene-123.28-mRNA-1	Japonica	NA		Os07g0408100	OsR498G0714079000.01.T04	Protein ROOT INITIATION DEFECTIVE like
maker-7-augustus-gene-123.29-mRNA-1	Japonica	Indica		Os07g0408100	OsR498G0714079000.01.T06	Protein ROOT INITIATION DEFECTIVE 3
maker-7-augustus-gene-123.40-mRNA-1	Japonica	NA		Os07g0408500	OsR498G0714081800.01.T01	Rho GTPase-activating protein gacA
maker-7-augustus-gene-123.43-mRNA-1	Japonica	NA		Os07g0408700	OsR498G0714083200.01.T01	PABs domain-containing protein (Fragment)
maker-7-augustus-gene-124.0-mRNA-1	Japonica	NA		Os07g0409100	OsR498G0714084300.01.T01	Calcium-dependent lipid-binding (CaLB domain) family protein isoform 1
maker-7-augustus-gene-124.10-mRNA-1	Japonica	NA		Os07g0409700	OsR498G0714086600.01.T03	Tim44 domain-containing protein (Fragment)
maker-7-augustus-gene-124.16-mRNA-1	Japonica	NA		Os07g0409900	OsR498G0714087400.01.T03	Calcium-dependent protein kinase
maker-7-augustus-gene-124.24-mRNA-1	Japonica	NA		Os07g0410100	OsR498G0714088800.01.T02	Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase
maker-7-augustus-gene-125.33-mRNA-1	Japonica	NA		Os07g0412400	OsR498G0714096700.01.T02	Adenylate kinase isoenzyme 6 homolog
maker-7-augustus-gene-125.35-mRNA-1	Japonica	NA		Os07g0411300	OsR498G0714094200.01.T01	Type III polyketide synthase B
maker-7-augustus-gene-125.37-mRNA-1	Japonica	NA		Os07g0412100	OsR498G0714096400.01.T03	Starch synthase, chloroplastic/amyloplastic
maker-7-augustus-gene-126.24-mRNA-1	Japonica	NA		Os07g0413700	OsR498G0714097100.01.T06	Poly [ADP-ribose] polymerase
maker-7-augustus-gene-126.31-mRNA-1	Japonica	NA			OsR498G0306095100.01.T01	Root cap protein 1-like
maker-7-augustus-gene-127.36-mRNA-1	Japonica	NA	Kinase-TM			Non-specific serine/threonine protein kinase (Fragment)
maker-7-augustus-gene-127.38-mRNA-1	Japonica	NA		Os07g0414200	OsR498G0714098600.01.T04	Methyltransferase family protein isoform 1
maker-7-augustus-gene-127.47-mRNA-1	Japonica	Indica		Os07g0414800	OsR498G0714099400.01.T02	F-actin-capping protein subunit alpha
maker-7-augustus-gene-127.52-mRNA-1	Japonica	Japonica		Os07g0415600	OsR498G1018346900.01.T03	Transposon protein, putative, CACTA, En/Spm sub-class, expressed
maker-7-augustus-gene-128.0-mRNA-1	Japonica	NA			OsR498G0714104400.01.T02	Fatty acyl-CoA reductase
maker-7-augustus-gene-128.5-mRNA-1	Japonica	NA			OsR498G0714105800.01.T01	Fatty acyl-CoA reductase
maker-7-augustus-gene-129.0-mRNA-1	Japonica	NA		Os07g0418200	OsR498G0714111500.01.T02	ATG8-interacting protein 1
maker-7-augustus-gene-129.2-mRNA-1	Japonica	Japonica		Os07g0418500	OsR498G0714821100.01.T01	Secologanin synthase
maker-7-augustus-gene-129.5-mRNA-1	Japonica	NA			OsR498G0714110600.01.T04	probable alpha-1,6-mannosyltransferase MNN10
maker-7-augustus-gene-129.8-mRNA-1	Japonica	NA		Os07g0418000	OsR498G0714111400.01.T02	
maker-7-augustus-gene-130.33-mRNA-1	Japonica	Indica		Os07g0419300	OsR498G0714117100.01.T01	Thaumatococcus-like protein 1a
maker-7-augustus-gene-130.42-mRNA-1	Japonica	NA			OsR498G0714119900.01.T02	
maker-7-augustus-gene-130.44-mRNA-1	Japonica	Japonica		Os07g0418500	OsR498G0714821100.01.T01	Secologanin synthase
maker-7-augustus-gene-131.0-mRNA-1	Japonica	NA				Heteroglycan glucosidase 1
maker-7-augustus-gene-132.0-mRNA-1	Japonica	NA				Heteroglycan glucosidase 1
maker-7-augustus-gene-132.12-mRNA-1	Japonica	Japonica		Os07g0422100	OsR498G0714130100.01.T01	Plasma membrane associated protein-1
maker-7-augustus-gene-132.4-mRNA-1	Japonica	Indica		Os10g0195600	OsR498G0714128500.01.T01	Benzyl alcohol O-benzoyltransferase
maker-7-augustus-gene-132.6-mRNA-1	Japonica	NA				Clu domain-containing protein
maker-7-augustus-gene-133.0-mRNA-1	Japonica	NA			OsR498G0714131300.01.T01	Neprosin domain-containing protein
maker-7-augustus-gene-134.27-mRNA-1	Japonica	NA		Os07g0424400	OsR498G0714136000.01.T01	Cellulose synthase
maker-7-augustus-gene-134.35-mRNA-1	Japonica	Indica		Os07g0425000	OsR498G0714138800.01.T01	Folate-biotin transporter
maker-7-augustus-gene-137.0-mRNA-1	Japonica	NA		Os07g0429700	OsR498G0714151500.01.T02	
maker-7-augustus-gene-137.2-mRNA-1	Japonica	NA		Os07g0429500		
maker-7-augustus-gene-141.42-mRNA-1	Japonica	Indica		Os07g0435300	OsR498G0714154900.01.T01	Photosystem I reaction center subunit IV A
maker-7-augustus-gene-141.44-mRNA-1	Japonica	NA		Os06g0255700	OsR498G0714154400.01.T02	Putative DNA helicase chromatin remodeling SNF2 family
maker-7-augustus-gene-141.50-mRNA-1	Japonica	NA		Os07g0434700	OsR498G0714154600.01.T02	Methionine aminopeptidase
maker-7-augustus-gene-141.55-mRNA-1	Japonica	NA		Os07g0435100	OsR498G0714154800.01.T01	26S proteasome non-ATPase regulatory subunit A
maker-7-augustus-gene-142.0-mRNA-1	Japonica	NA		Os07g0435400	OsR498G0714155200.01.T02	Ribosome biogenesis protein BOP1 homolog
maker-7-augustus-gene-142.5-mRNA-1	Japonica	Indica		Os07g0436000	OsR498G0714157400.01.T01	Ankyrin repeat-containing protein isoform 1
maker-7-augustus-gene-143.41-mRNA-1	Japonica	Indica	Kinase-TM	Os07g0438500	OsR498G0714165300.01.T03	Putative serine/threonine-protein kinase SIS8 isoform A
maker-7-augustus-gene-143.47-mRNA-1	Japonica	NA		Os07g0438600	OsR498G0714165500.01.T01	Inhibitor I9 domain-containing protein
maker-7-augustus-gene-143.49-mRNA-1	Japonica	NA		Os02g0480100	OsR498G0203809600.01.T03	ATP-dependent DNA helicase
maker-7-augustus-gene-144.0-mRNA-1	Japonica	NA			OsR498G0714165900.01.T01	TLDc domain-containing protein
maker-7-augustus-gene-144.2-mRNA-1	Japonica	NA		Os07g0438800	OsR498G0714166700.01.T02	Protein PHOSPHATE STARVATION RESPONSE 2
maker-7-augustus-gene-144.7-mRNA-1	Japonica	NA		Os07g0439700		
maker-7-augustus-gene-144.9-mRNA-1	Japonica	NA				RNA-binding KH domain-containing protein PEPPER-like
maker-7-augustus-gene-145.26-mRNA-1	Japonica	NA		Os07g0442000	OsR498G0714170700.01.T02	FBD domain-containing protein
maker-7-augustus-gene-146.25-mRNA-1	Japonica	NA		Os07g0442900	OsR498G0714174300.01.T01	
maker-7-augustus-gene-147.0-mRNA-1	Japonica	Indica		Os10g0473400	OsR498G0714179800.01.T03	Non-lysosomal glucosylceramidase
maker-7-augustus-gene-148.2-mRNA-1	Japonica	Indica		Os02g0622400	OsR498G0714182300.01.T02	GLTP domain-containing protein
maker-7-augustus-gene-148.4-mRNA-1	Japonica	NA		Os07g0446000	OsR498G0714182900.01.T01	ROP-INTERACTIVE CRIB MOTIF-CONTAINING protein 6
maker-7-augustus-gene-148.6-mRNA-1	Japonica	NA		Os07g0445600	OsR498G0714181800.01.T01	COP1-interacting protein-related
maker-7-augustus-gene-149.22-mRNA-1	Japonica	NA		Os07g0446100	OsR498G0714183600.01.T01	E3 ubiquitin-protein ligase XBO34
maker-7-augustus-gene-149.26-mRNA-1	Japonica	Japonica		Os07g0446900	OsR498G0714188400.01.T01	
maker-7-augustus-gene-149.28-mRNA-1	Japonica	Japonica		Os07g0447000	OsR498G0714190000.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-7-augustus-gene-150.25-mRNA-1	Japonica	NA		Os07g0447800	OsR498G0714191700.01.T02	Phosphoglucosyltransferase (alpha-D-glucose-1,6-bisphosphate-dependent)
maker-7-augustus-gene-150.33-mRNA-1	Japonica	Indica		Os07g0448100	OsR498G0714192500.01.T01	Aquaporin
maker-7-augustus-gene-150.52-mRNA-1	Japonica	NA		Os07g0448800	OsR498G0714195500.01.T01	Aquaporin

maker-7-augustus-gene-150.56-mRNA-1	Japonica	NA				Mitochondrial pyruvate carrier
maker-7-augustus-gene-151.0-mRNA-1	Japonica	Indica		Os04g0524300	OsR498G0714197200.01.T01	Two-component response regulator ORR5
maker-7-augustus-gene-151.2-mRNA-1	Japonica	NA		Os07g0450000	OsR498G0714196800.01.T02	60S ribosomal protein L44
maker-7-augustus-gene-152.27-mRNA-1	Japonica	NA			OsR498G0714199900.01.T01	Alpha-galactosidase
maker-7-augustus-gene-152.31-mRNA-1	Japonica	NA		Os07g0452400	OsR498G0714200500.01.T01	Exonuclease
maker-7-augustus-gene-152.34-mRNA-1	Japonica	NA			OsR498G0714201700.01.T02	
maker-7-augustus-gene-152.36-mRNA-1	Japonica	Indica		Os06g0279950	OsR498G0714198600.01.T01	
maker-7-augustus-gene-152.40-mRNA-1	Japonica	NA		Os07g0452500	OsR498G0714200800.01.T01	ORMDL family
maker-7-augustus-gene-153.0-mRNA-1	Japonica	NA		Os07g0453400		
maker-7-augustus-gene-153.2-mRNA-1	Japonica	NA			OsR498G0714202000.01.T01	Prefoldin chaperone subunit family protein
maker-7-augustus-gene-154.19-mRNA-1	Japonica	NA			OsR498G0714209500.01.T01	Heterogeneous nuclear ribonucleoprotein Q
maker-7-augustus-gene-154.25-mRNA-1	Japonica	NA				
maker-7-augustus-gene-154.28-mRNA-1	Japonica	NA		Os07g0454700	OsR498G0714212500.01.T02	Trafficking protein particle complex subunit
maker-7-augustus-gene-154.32-mRNA-1	Japonica	NA		Os03g0240900	OsR498G0305547000.01.T01	Misato Segment II tubulin-like domain
maker-7-augustus-gene-154.37-mRNA-1	Japonica	NA		Os01g0858000	OsR498G0102370200.01.T01	AT hook motif-containing protein-like
maker-7-augustus-gene-154.47-mRNA-1	Japonica	Indica		Os07g0455100	OsR498G0714213200.01.T03	Protein prenyltransferase superfamily protein
maker-7-augustus-gene-155.28-mRNA-1	Japonica	NA		Os07g0456700	OsR498G0714218100.01.T04	Endo-1,4-beta-xylanase A-like
maker-7-augustus-gene-155.32-mRNA-1	Japonica	NA		Os07g0456400	OsR498G0714217600.01.T04	Peroxisomal membrane protein 11-4-like
maker-7-augustus-gene-155.36-mRNA-1	Japonica	NA			OsR498G0714217800.01.T03	Phosphatidylinositol/phosphatidylcholine transfer protein SFH11
maker-7-augustus-gene-155.40-mRNA-1	Japonica	NA				
maker-7-augustus-gene-156.0-mRNA-1	Japonica	NA		Os07g0457300	OsR498G0714219700.01.T01	Putative acyclic terpene utilization
maker-7-augustus-gene-156.11-mRNA-1	Japonica	NA		Os07g0458800	OsR498G0714228700.01.T01	Serine/threonine-protein kinase
maker-7-augustus-gene-156.17-mRNA-1	Japonica	NA	LRR-NBS-TM		OsR498G0714220800.01.T01	NB-ARC domain, putative
maker-7-augustus-gene-156.8-mRNA-1	Japonica	Indica		Os07g0458500	OsR498G0714228300.01.T03	EXPERA domain-containing protein (Fragment)
maker-7-augustus-gene-157.28-mRNA-1	Japonica	NA		Os07g0459400	OsR498G0714230100.01.T03	Ultraviolet-B receptor UVR8
maker-7-augustus-gene-157.32-mRNA-1	Japonica	NA			OsR498G0714230100.01.T07	F-box domain-containing protein
maker-7-augustus-gene-157.34-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0714229400.01.T02	ABC1 domain-containing protein (Fragment)
maker-7-augustus-gene-157.39-mRNA-1	Japonica	Indica		Os05g0168200	OsR498G0714233600.01.T01	
maker-7-augustus-gene-158.0-mRNA-1	Japonica	NA		Os01g0962100	OsR498G0102744500.01.T02	
maker-7-augustus-gene-158.2-mRNA-1	Japonica	NA			OsR498G0714236700.01.T01	WRKY transcription factor
maker-7-augustus-gene-158.4-mRNA-1	Japonica	NA		Os07g0461500	OsR498G0714239200.01.T01	Clathrin light chain
maker-7-augustus-gene-158.6-mRNA-1	Japonica	Indica		Os07g0461600	OsR498G0714239400.01.T09	Glutamate--cysteine ligase
maker-7-augustus-gene-159.0-mRNA-1	Japonica	Japonica		Os07g0461700	OsR498G0714240500.01.T01	FAR1 domain-containing protein
maker-7-augustus-gene-159.10-mRNA-1	Japonica	NA		Os07g0463400	OsR498G0714245100.01.T05	Ring zinc finger protein-like
maker-7-augustus-gene-159.14-mRNA-1	Japonica	Indica		Os07g0461900	OsR498G0509663100.01.T03	Acetylornithine aminotransferase, mitochondrial
maker-7-augustus-gene-159.2-mRNA-1	Japonica	NA			OsR498G0714242300.01.T01	GTPase activating protein-like
maker-7-augustus-gene-159.26-mRNA-1	Japonica	NA		Os07g0463100	OsR498G0714244000.01.T01	DNA-directed RNA polymerases I
maker-7-augustus-gene-159.4-mRNA-1	Japonica	NA		Os07g0462700	OsR498G0714242700.01.T01	4HBT domain-containing protein
maker-7-augustus-gene-159.6-mRNA-1	Japonica	NA		Os07g0464200	OsR498G0714248200.01.T01	Acetylserotonin O-methyltransferase 3
maker-7-augustus-gene-159.8-mRNA-1	Japonica	NA				AAI domain-containing protein
maker-7-augustus-gene-160.37-mRNA-1	Japonica	NA			OsR498G1221160700.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-7-augustus-gene-160.40-mRNA-1	Japonica	NA		Os07g0464600	OsR498G0714249900.01.T01	ABC transporter B family member 28
maker-7-augustus-gene-160.46-mRNA-1	Japonica	Indica		Os07g0462700	OsR498G0714245400.01.T01	4HBT domain-containing protein
maker-7-augustus-gene-160.49-mRNA-1	Japonica	NA		Os07g0463600	OsR498G0714245600.01.T01	trans-resveratrol di-O-methyltransferase-like isoform X2
maker-7-augustus-gene-160.52-mRNA-1	Japonica	NA		Os07g0464200	OsR498G0714248200.01.T01	Eugenol O-methyltransferase (Fragment)
maker-7-augustus-gene-161.24-mRNA-1	Japonica	NA			OsR498G0714252700.01.T01	Sterol 14-demethylase
maker-7-augustus-gene-161.26-mRNA-1	Japonica	Indica		Os07g0527900	OsR498G0714254700.01.T01	GDSL esterase/lipase
maker-7-augustus-gene-162.27-mRNA-1	Japonica	NA		Os07g0466200	OsR498G0714254900.01.T06	2-phosphoglycerate kinase, putative, expressed
maker-7-augustus-gene-162.38-mRNA-1	Japonica	NA		Os07g0466300	OsR498G0714255400.01.T01	Ubiquitin-related modifier 1 homolog
maker-7-augustus-gene-162.40-mRNA-1	Japonica	NA		Os07g0467200	OsR498G0714258600.01.T01	2 iron, 2 sulfur cluster binding protein
maker-7-augustus-gene-163.21-mRNA-1	Japonica	NA		Os07g0467500	OsR498G0714259700.01.T01	Growth-regulating factor like
maker-7-augustus-gene-163.24-mRNA-1	Japonica	NA			OsR498G0714260700.01.T01	S-acyltransferase
maker-7-augustus-gene-163.29-mRNA-1	Japonica	NA			OsR498G0714260900.01.T03	DNA-directed primase/polymerase protein isoform X2
maker-7-augustus-gene-163.33-mRNA-1	Japonica	NA			OsR498G0714260200.01.T01	TVP38/TMEM64 family membrane protein slr0305 family
maker-7-augustus-gene-165.37-mRNA-1	Japonica	NA		Os07g0468800	OsR498G0611686100.01.T01	Proteasome endopeptidase complex
maker-7-augustus-gene-165.39-mRNA-1	Japonica	NA			OsR498G0714263100.01.T02	Thylakoid membrane phosphoprotein 14 kDa, chloroplastic
maker-7-augustus-gene-166.27-mRNA-1	Japonica	NA		Os07g0470700	OsR498G0714267700.01.T01	probable plastid-lipid-associated protein 12, chloroplastic
maker-7-augustus-gene-166.33-mRNA-1	Japonica	NA	Kinase-TM	Os07g0471000	OsR498G0714268500.01.T01	Serine/threonine-protein kinase/endoribonuclease IRE1a
maker-7-augustus-gene-166.38-mRNA-1	Japonica	NA		Os12g0468900	OsR498G0916869000.01.T01	Cell wall protein-like
maker-7-augustus-gene-166.40-mRNA-1	Japonica	NA		Os07g0471100	OsR498G0714269100.01.T01	Putative histone-lysine N-methyltransferase chromatin remodeling SET fami
maker-7-augustus-gene-166.45-mRNA-1	Japonica	NA				Piwi domain-containing protein

maker-7-augustus-gene-167.27-mRNA-1	Japonica	NA		Os07g0471900	OsR498G0714273300.01.T01	BHLH domain-containing protein (Fragment)
maker-7-augustus-gene-167.31-mRNA-1	Japonica	NA			OsR498G0714274900.01.T04	zf-LSD1 domain-containing protein
maker-7-augustus-gene-167.33-mRNA-1	Japonica	NA				
maker-7-augustus-gene-167.38-mRNA-1	Japonica	Indica	Kinase-TM	Os07g0472400	OsR498G0714275700.01.T01	probable serine/threonine-protein kinase sky1
maker-7-augustus-gene-167.41-mRNA-1	Japonica	NA		Os07g0472500	OsR498G0714276100.01.T01	Golgi-localized GRIP domain-containing protein isoform 1
maker-7-augustus-gene-167.48-mRNA-1	Japonica	NA			OsR498G0714274000.01.T03	Pentatricopeptide repeat-containing protein
maker-7-augustus-gene-167.49-mRNA-1	Japonica	NA		Os07g0472300	OsR498G0714275200.01.T01	
maker-7-augustus-gene-168.0-mRNA-1	Japonica	NA		Os07g0474300	OsR498G0714282100.01.T01	Group 2 truncated hemoglobin Yjbl-like
maker-7-augustus-gene-168.2-mRNA-1	Japonica	Indica		Os12g0267200	OsR498G0714282700.01.T03	(S)-tetrahydroprotoberberine N-methyltransferase
maker-7-augustus-gene-168.8-mRNA-1	Japonica	Japonica		Os07g0513300	OsR498G0100612800.01.T01	Transposable element protein, putative, MuDR
maker-7-augustus-gene-169.27-mRNA-1	Japonica	NA				AAI domain-containing protein
maker-7-augustus-gene-169.29-mRNA-1	Japonica	NA		Os07g0475000	OsR498G0714283900.01.T01	Rhomboid domain-containing protein
maker-7-augustus-gene-169.31-mRNA-1	Japonica	NA		Os07g0475400	OsR498G0714285400.01.T01	
maker-7-augustus-gene-169.35-mRNA-1	Japonica	Indica	Kinase-TM	Os07g0475900	OsR498G0714289000.01.T01	serine/threonine-protein kinase STY46 isoform X2
maker-7-augustus-gene-170.11-mRNA-1	Japonica	NA		Os07g0476500	OsR498G0714294200.01.T03	Peptidyl-prolyl cis-trans isomerase
maker-7-augustus-gene-170.16-mRNA-1	Japonica	NA		Os07g0477000	OsR498G0714295000.01.T02	RNA polymerase Rpb7 N-terminal domain-containing protein
maker-7-augustus-gene-170.3-mRNA-1	Japonica	NA				RNA polymerase-associated protein CTR9-like
maker-7-augustus-gene-171.26-mRNA-1	Japonica	NA		Os07g0479100	OsR498G0714302100.01.T07	NEP1-interacting protein 2
maker-7-augustus-gene-171.30-mRNA-1	Japonica	NA		Os07g0479200	OsR498G0714302300.01.T01	Mannose-P-dolichol utilization defect 1 protein homolog
maker-7-augustus-gene-171.36-mRNA-1	Japonica	NA		Os07g0479300	OsR498G0714302800.01.T01	Carboxypeptidase
maker-7-augustus-gene-171.42-mRNA-1	Japonica	Indica		Os03g0108400	OsR498G0714303800.01.T01	Vacuolar protein sorting-associated protein 1
maker-7-augustus-gene-171.48-mRNA-1	Japonica	Indica		Os07g0479600	OsR498G0714304000.01.T02	DUF4050 domain-containing protein (Fragment)
maker-7-augustus-gene-172.0-mRNA-1	Japonica	Indica		Os10g0545500	OsR498G0714307700.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-7-augustus-gene-172.11-mRNA-1	Japonica	NA			OsR498G0714308700.01.T02	Sn1-specific diacylglycerol lipase alpha
maker-7-augustus-gene-172.14-mRNA-1	Japonica	NA	LRR-NBS-TM	Os07g0481300	OsR498G0714308900.01.T01	Putative disease resistance protein RGA3
maker-7-augustus-gene-172.16-mRNA-1	Japonica	NA		Os07g0481100	OsR498G0714308600.01.T01	Rop guanine nucleotide exchange factor 3
maker-7-augustus-gene-172.3-mRNA-1	Japonica	Japonica		Os07g0480900	OsR498G0714308100.01.T01	probable cysteine protease RD19D
maker-7-augustus-gene-172.5-mRNA-1	Japonica	NA		Os07g0481000	OsR498G0714308300.01.T04	Zinc finger MYND domain-containing protein 15
maker-7-augustus-gene-173.0-mRNA-1	Japonica	NA	CC-NBS-TM	Os07g0481400	OsR498G0714309200.01.T01	Putative NB-ARC domain-containing protein (Fragment)
maker-7-augustus-gene-174.0-mRNA-1	Japonica	NA		Os07g0483400	OsR498G0714311900.01.T01	Filamin A-interacting protein
maker-7-augustus-gene-174.3-mRNA-1	Japonica	NA		Os07g0482975	OsR498G0714310200.01.T01	Cytochrome P450 family protein, expressed
maker-7-augustus-gene-174.4-mRNA-1	Japonica	Indica		Os07g0483050	OsR498G0714310200.01.T01	Cytochrome P450 family protein, expressed
maker-7-augustus-gene-175.26-mRNA-1	Japonica	NA		Os07g0484200	OsR498G0714314300.01.T01	actin-depolymerizing factor
maker-7-augustus-gene-175.35-mRNA-1	Japonica	Japonica		Os07g0484700	OsR498G0408431700.01.T02	MYB transcription factor 31-D
maker-7-augustus-gene-175.44-mRNA-1	Japonica	Japonica		Os07g0484300	OsR498G0714314610.01.T04	E3 ubiquitin protein like
maker-7-augustus-gene-175.50-mRNA-1	Japonica	NA		Os07g0484800	OsR498G0714316600.01.T01	Adenine phosphoribosyltransferase
maker-7-augustus-gene-175.54-mRNA-1	Japonica	NA		Os07g0485100	OsR498G0714317800.01.T01	Carbon-nitrogen hydrolase
maker-7-augustus-gene-176.0-mRNA-1	Japonica	NA			OsR498G0714319700.01.T01	Asparaginyl-tRNA synthetase, chloroplastic/mitochondrial
maker-7-augustus-gene-176.12-mRNA-1	Japonica	NA		Os07g0486500	OsR498G0714323300.01.T01	Rho-GAP domain-containing protein (Fragment)
maker-7-augustus-gene-176.16-mRNA-1	Japonica	Indica		Os07g0485500	OsR498G0714320000.01.T01	
maker-7-augustus-gene-176.19-mRNA-1	Japonica	Indica		Os07g0485600	OsR498G0714320400.01.T02	p53 and DNA damage-regulated protein 1
maker-7-augustus-gene-176.22-mRNA-1	Japonica	NA		Os07g0486100	OsR498G0714321600.01.T02	
maker-7-augustus-gene-176.4-mRNA-1	Japonica	NA			OsR498G0714321300.01.T02	DNA mismatch repair protein MSH4
maker-7-augustus-gene-177.0-mRNA-1	Japonica	Japonica		Os07g0486700	OsR498G0714323900.01.T01	Glycosyltransferase
maker-7-augustus-gene-177.3-mRNA-1	Japonica	NA	Kinase-TM	Os07g0487400		Receptor protein kinase-like protein
maker-7-augustus-gene-178.0-mRNA-1	Japonica	NA			OsR498G0714327900.01.T01	Fatty acyl-CoA reductase
maker-7-augustus-gene-178.6-mRNA-1	Japonica	NA		Os07g0489000	OsR498G0714327600.01.T01	AAI domain-containing protein
maker-7-augustus-gene-190.32-mRNA-1	Japonica	NA		Os07g0509600	OsR498G0714401700.01.T01	rRNA adenine N(6)-methyltransferase
maker-7-augustus-gene-190.45-mRNA-1	Japonica	NA		Os07g0509800	OsR498G0714402400.01.T01	Thioredoxin-independent 5'-adenyllysulfate reductase
maker-7-augustus-gene-191.29-mRNA-1	Japonica	NA		Os07g0510200	OsR498G0714404300.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-7-augustus-gene-192.26-mRNA-1	Japonica	NA			OsR498G0714412700.01.T04	Bromo domain-containing protein
maker-7-augustus-gene-194.31-mRNA-1	Japonica	NA	CC-Kinase-TM	Os07g0515100	OsR498G0714421000.01.T03	Calcium-dependent protein kinase
maker-7-augustus-gene-195.37-mRNA-1	Japonica	Indica		Os07g0515700	OsR498G0714424710.01.T03	
maker-7-augustus-gene-200.44-mRNA-1	Japonica	NA		Os07g0525900	OsR498G0714469600.01.T01	Bisdemethoxycurcumin synthase
maker-7-augustus-gene-203.10-mRNA-1	Japonica	Indica		Os07g0531700	OsR498G0714487700.01.T01	NUC153 domain-containing protein (Fragment)
maker-7-augustus-gene-203.27-mRNA-1	Japonica	NA		Os07g0531600	OsR498G0714487600.01.T01	Glycerol-3-phosphate O-acyltransferase 3/4
maker-7-augustus-gene-204.0-mRNA-1	Japonica	NA			OsR498G0714489900.01.T01	PGG domain-containing protein (Fragment)
maker-7-augustus-gene-204.5-mRNA-1	Japonica	Indica		Os07g0532500	OsR498G0714492200.01.T02	Ankyrin repeat protein-like
maker-7-augustus-gene-205.7-mRNA-1	Japonica	NA	Kinase		OsR498G0714495300.01.T01	G-type lectin 5-receptor-like serine/threonine-protein kinase
maker-7-augustus-gene-206.4-mRNA-1	Japonica	NA	Kinase-TM	Os07g0537000	OsR498G0714501700.01.T01	Receptor-like serine-threonine protein kinase
maker-7-augustus-gene-206.5-mRNA-1	Japonica	NA	Kinase-TM			G-type lectin 5-receptor-like serine/threonine-protein kinase

maker-7-augustus-gene-207.55-mRNA-1	Japonica	Indica	CC-Kinase-TM	Os07g0538400	OsR498G0714507100.01.T01	Cysteine-rich receptor-like protein kinase 6
maker-7-augustus-gene-207.62-mRNA-1	Japonica	NA	Kinase-TM	Os07g0537500	OsR498G0714502600.01.T01	Cysteine-rich receptor-like protein kinase 6
maker-7-augustus-gene-207.81-mRNA-1	Japonica	NA				Glucan endo-1,3-beta-D-glucosidase
maker-7-augustus-gene-208.31-mRNA-1	Japonica	Indica	Kinase-TM	Os07g0537900	OsR498G0714510100.01.T01	Cysteine-rich receptor-like protein kinase 8
maker-7-augustus-gene-208.38-mRNA-1	Japonica	Japonica		Os07g0539900	OsR498G0714510800.01.T02	Glucan endo-1,3-beta-D-glucosidase
maker-7-augustus-gene-209.24-mRNA-1	Japonica	NA		Os07g0541500	OsR498G0714517300.01.T03	Receptor-like serine-threonine protein kinase
maker-7-augustus-gene-209.33-mRNA-1	Japonica	NA	Kinase-TM			Cysteine-rich receptor-like protein kinase 25 isoform C
maker-7-augustus-gene-209.7-mRNA-1	Japonica	Indica	Kinase-TM	Os07g0541500	OsR498G0714517300.01.T01	Cysteine-rich receptor kinase
maker-7-augustus-gene-21.37-mRNA-1	Japonica	NA		Os07g0147500	OsR498G0713510500.01.T02	Photosystem II 10 kDa polypeptide, chloroplastic
maker-7-augustus-gene-21.41-mRNA-1	Japonica	Indica		Os07g0147500	OsR498G0713510700.01.T01	Photosystem II 10 kDa polypeptide, chloroplastic
maker-7-augustus-gene-21.44-mRNA-1	Japonica	Indica		Os09g0133700	OsR498G0713511300.01.T04	GlcNAc kinase
maker-7-augustus-gene-21.47-mRNA-1	Japonica	NA		Os07g0148200	OsR498G0713512500.01.T01	Anthocyanidin 3-O-glucosyltransferase
maker-7-augustus-gene-21.48-mRNA-1	Japonica	NA			OsR498G0713515100.01.T01	187-kDa microtubule-associated protein AIR9
maker-7-augustus-gene-21.56-mRNA-1	Japonica	NA		Os07g0148900	OsR498G0713515500.01.T01	Photosystem I reaction center subunit psaK, chloroplastic
maker-7-augustus-gene-21.59-mRNA-1	Japonica	NA		Os07g0147800	OsR498G0713511600.01.T05	WPP domain-associated protein
maker-7-augustus-gene-21.62-mRNA-1	Japonica	NA		Os07g0147900	OsR498G0713512200.01.T01	Ferredoxin--NADP reductase, chloroplastic
maker-7-augustus-gene-210.35-mRNA-1	Japonica	NA	Kinase-TM			Pkinase domain-containing protein/Stress-antifung domain-containing prote
maker-7-augustus-gene-210.39-mRNA-1	Japonica	NA		Os07g0542900	OsR498G0714521300.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-7-augustus-gene-210.41-mRNA-1	Japonica	NA		Os07g0543100	OsR498G0714521700.01.T02	Beta-amylase
maker-7-augustus-gene-210.44-mRNA-1	Japonica	Indica	Kinase-TM	Os07g0542400	OsR498G0714520000.01.T01	Cysteine-rich receptor-like protein kinase 15
maker-7-augustus-gene-210.56-mRNA-1	Japonica	NA		Os07g0543000	OsR498G0714521600.01.T02	Transcription factor like
maker-7-augustus-gene-211.0-mRNA-1	Japonica	NA		Os07g0543200	OsR498G0714522100.01.T01	Beta-amylase
maker-7-augustus-gene-211.11-mRNA-1	Japonica	NA		Os07g0545400	OsR498G0714525700.01.T01	
maker-7-augustus-gene-211.13-mRNA-1	Japonica	NA		Os07g0544900	OsR498G0714524800.01.T02	54S ribosomal protein L24, mitochondrial
maker-7-augustus-gene-211.15-mRNA-1	Japonica	NA		Os07g0545500	OsR498G0714526000.01.T01	Formin-like protein 11
maker-7-augustus-gene-211.2-mRNA-1	Japonica	Japonica		Os07g0543500	OsR498G0714522500.01.T01	Saposin B-type domain-containing protein
maker-7-augustus-gene-211.5-mRNA-1	Japonica	NA		Os07g0544800	OsR498G0714524300.01.T01	Oxygen-evolving enhancer protein like
maker-7-augustus-gene-211.7-mRNA-1	Japonica	NA		Os07g0545100	OsR498G0714525100.01.T01	Putative GPI inositol-deacylase C
maker-7-augustus-gene-211.9-mRNA-1	Japonica	NA		Os07g0545300	OsR498G0714525300.01.T01	
maker-7-augustus-gene-212.34-mRNA-1	Japonica	NA			OsR498G0714527700.01.T02	Pentatricopeptide repeat-containing protein chloroplastic
maker-7-augustus-gene-212.39-mRNA-1	Japonica	NA		Os07g0546000	OsR498G0714527900.01.T01	Isopentenyl-diphosphate Delta-isomerase II, chloroplastic
maker-7-augustus-gene-212.43-mRNA-1	Japonica	NA		Os07g0546100	OsR498G0714528100.01.T03	HAT dimerization domain-containing protein
maker-7-augustus-gene-212.50-mRNA-1	Japonica	NA		Os07g0546200		
maker-7-augustus-gene-212.52-mRNA-1	Japonica	NA		Os07g0546600	OsR498G0714530800.01.T02	Glutamate receptor 3.4-like
maker-7-augustus-gene-212.57-mRNA-1	Japonica	NA			OsR498G0714531000.01.T02	60S ribosomal protein L38
maker-7-augustus-gene-213.32-mRNA-1	Japonica	NA		Os07g0548300	OsR498G0714533900.01.T02	Pentatricopeptide repeat-containing protein, chloroplastic
maker-7-augustus-gene-213.37-mRNA-1	Japonica	NA		Os07g0548800	OsR498G0714534700.01.T01	Protein kinase family protein / WD-40 repeat family protein
maker-7-augustus-gene-213.40-mRNA-1	Japonica	NA		Os07g0548100		
maker-7-augustus-gene-213.42-mRNA-1	Japonica	Japonica		Os07g0548100	OsR498G0714534100.01.T01	
maker-7-augustus-gene-213.44-mRNA-1	Japonica	Japonica		Os07g0548100	OsR498G0714533800.01.T01	
maker-7-augustus-gene-213.47-mRNA-1	Japonica	Indica		Os07g0548900	OsR498G0714535000.01.T01	Proteasome inhibitor
maker-7-augustus-gene-214.10-mRNA-1	Japonica	NA		Os07g0549800	OsR498G0714537100.01.T01	Glycine-rich RNA-binding protein 4
maker-7-augustus-gene-214.12-mRNA-1	Japonica	NA		Os07g0550600	OsR498G0714539100.01.T01	Benzyl alcohol O-benzoyltransferase
maker-7-augustus-gene-214.14-mRNA-1	Japonica	NA		Os07g0549200	OsR498G0714535600.01.T01	protein THYLAKOID ASSEMBLY 8-like, chloroplastic
maker-7-augustus-gene-214.16-mRNA-1	Japonica	Japonica		Os10g0388500	OsR498G0714536000.01.T02	
maker-7-augustus-gene-214.18-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0714538800.01.T02	Non-specific serine/threonine protein kinase (Fragment)
maker-7-augustus-gene-214.21-mRNA-1	Japonica	NA	Kinase-TM	Os07g0550900	OsR498G0714541400.01.T01	Serine/threonine-protein kinase
maker-7-augustus-gene-214.25-mRNA-1	Japonica	NA	Kinase-TM	Os07g0551300	OsR498G0714542600.01.T02	Serine/threonine-protein kinase
maker-7-augustus-gene-215.42-mRNA-1	Japonica	Indica		Os07g0551500	OsR498G0714543800.01.T01	Probable mixed-linked glucan synthase 9
maker-7-augustus-gene-215.43-mRNA-1	Japonica	NA		Os07g0551700	OsR498G0714545000.01.T01	Cellulose synthase-like CslF8
maker-7-augustus-gene-216.0-mRNA-1	Japonica	Indica		Os07g0449100	OsR498G0714550700.01.T02	Mitochondrial pyruvate carrier
maker-7-augustus-gene-216.3-mRNA-1	Japonica	NA		Os07g0553400	OsR498G0714548600.01.T01	Mixed-linked glucan synthase 4
maker-7-augustus-gene-216.5-mRNA-1	Japonica	NA			OsR498G0714552200.01.T02	Protein PLANT CADMIUM RESISTANCE 8
maker-7-augustus-gene-217.11-mRNA-1	Japonica	NA				F-box domain-containing protein
maker-7-augustus-gene-218.0-mRNA-1	Japonica	NA		Os07g0557500	OsR498G0714563100.01.T02	Lysine-specific demethylase MJM25
maker-7-augustus-gene-218.17-mRNA-1	Japonica	NA		Os07g0557400	OsR498G0714563000.01.T01	Equilibrative nucleoside transporter
maker-7-augustus-gene-218.26-mRNA-1	Japonica	Japonica		Os07g0557700	OsR498G0714563600.01.T01	Acidic phospholipase A2
maker-7-augustus-gene-218.28-mRNA-1	Japonica	NA		Os07g0558000	OsR498G0714565000.01.T04	ABC1 family protein mitochondrial
maker-7-augustus-gene-218.3-mRNA-1	Japonica	NA				
maker-7-augustus-gene-218.5-mRNA-1	Japonica	NA				F-box domain-containing protein (Fragment)
maker-7-augustus-gene-218.7-mRNA-1	Japonica	NA		Os07g0557100	OsR498G0714561800.01.T02	Equilibrative nucleotide transporter like

maker-7-augustus-gene-219.0-mRNA-1	Japonica	NA		Os07g0558800	OsR498G0714569100.01.T01	Vesicle-associated protein 4-2
maker-7-augustus-gene-219.12-mRNA-1	Japonica	NA		Os07g0558300	OsR498G0714567400.01.T01	Putative PAP-specific phosphatase, mitochondrial
maker-7-augustus-gene-219.15-mRNA-1	Japonica	NA		Os07g0558400	OsR498G0714568000.01.T01	Chlorophyll a-b binding protein, chloroplastic
maker-7-augustus-gene-219.17-mRNA-1	Japonica	NA		Os07g0558500	OsR498G0714568200.01.T02	Protein THYLAKOID FORMATION 1 chloroplastic
maker-7-augustus-gene-219.20-mRNA-1	Japonica	NA		Os07g0559400	OsR498G0714569800.01.T01	Putative thioredoxin-like, immunoglobulin-like protein
maker-7-augustus-gene-219.22-mRNA-1	Japonica	NA		Os07g0559700	OsR498G0714570800.01.T01	Sugar carrier protein C
maker-7-augustus-gene-219.25-mRNA-1	Japonica	NA		Os07g0560300	OsR498G0714572400.01.T02	Vacuolar protein 8
maker-7-augustus-gene-219.6-mRNA-1	Japonica	NA		Os07g0558100	OsR498G0714565800.01.T01	MYB transcription factor
maker-7-augustus-gene-219.8-mRNA-1	Japonica	Japonica		Os07g0558200	OsR498G0714567400.01.T01	Putative PAP-specific phosphatase, mitochondrial
maker-7-augustus-gene-22.4-mRNA-1	Japonica	NA		Os07g0149300		
maker-7-augustus-gene-22.7-mRNA-1	Japonica	Indica		Os07g0149900	OsR498G0713518200.01.T01	Carbohydrate-binding X8 domain superfamily protein isoform 1
maker-7-augustus-gene-22.9-mRNA-1	Japonica	NA		Os07g0150100	OsR498G0713518400.01.T01	Early-responsive to dehydration stress protein (ERD4) isoform 1
maker-7-augustus-gene-220.2-mRNA-1	Japonica	NA		Os07g0561300	OsR498G0714575800.01.T01	F-box protein SKIP27
maker-7-augustus-gene-221.51-mRNA-1	Japonica	NA		Os07g0562900		Ribosomal RNA small subunit methyltransferase H
maker-7-augustus-gene-221.53-mRNA-1	Japonica	NA			OsR498G0714581100.01.T03	D-erythro-sphingosine kinase/ diacylglycerol kinase
maker-7-augustus-gene-221.60-mRNA-1	Japonica	Indica		Os07g0562800	OsR498G0714579000.01.T01	Myosin-2
maker-7-augustus-gene-222.37-mRNA-1	Japonica	NA			OsR498G0714581900.01.T01	B3 domain-containing transcription factor VAL3
maker-7-augustus-gene-222.45-mRNA-1	Japonica	NA		Os07g0563600		
maker-7-augustus-gene-222.47-mRNA-1	Japonica	NA		Os07g0563700	OsR498G0714583500.01.T01	Elongator complex protein 1
maker-7-augustus-gene-222.49-mRNA-1	Japonica	NA				
maker-7-augustus-gene-222.53-mRNA-1	Japonica	NA		Os07g0564400		
maker-7-augustus-gene-222.60-mRNA-1	Japonica	NA		Os07g0564500	OsR498G0714585900.01.T02	Internal alternative NAD(P)H-ubiquinone oxidoreductase
maker-7-augustus-gene-222.62-mRNA-1	Japonica	NA		Os07g0563400	OsR498G0714582200.01.T01	Cotton fiber expressed protein 1
maker-7-augustus-gene-222.64-mRNA-1	Japonica	NA		Os07g0563800	OsR498G0714583800.01.T01	ADP-ribosylation factor GTPase-activating protein AGD5
maker-7-augustus-gene-223.43-mRNA-1	Japonica	NA		Os07g0565600	OsR498G0714589500.01.T01	Peptidylprolyl isomerase
maker-7-augustus-gene-223.49-mRNA-1	Japonica	NA		Os07g0564600	OsR498G0714586200.01.T03	Secretory carrier-associated membrane protein 1
maker-7-augustus-gene-223.55-mRNA-1	Japonica	NA			OsR498G0714586800.01.T02	HOPM interactor 7
maker-7-augustus-gene-223.63-mRNA-1	Japonica	NA		Os07g0564800	OsR498G0714587200.01.T02	Bromodomain 4
maker-7-augustus-gene-223.66-mRNA-1	Japonica	NA		Os07g0565000	OsR498G0714587200.01.T05	40S ribosomal protein S11
maker-7-augustus-gene-223.71-mRNA-1	Japonica	NA		Os07g0565300	OsR498G0714588000.01.T02	Bromo domain-containing protein
maker-7-augustus-gene-223.74-mRNA-1	Japonica	NA	Kinase-LRR-TM		OsR498G0714588200.01.T01	Protein kinase domain-containing protein
maker-7-augustus-gene-223.81-mRNA-1	Japonica	NA			OsR498G0714589200.01.T01	Polyamine oxidase 3
maker-7-augustus-gene-224.38-mRNA-1	Japonica	NA			OsR498G0714593700.01.T01	Obtusifoliol 14-alpha demethylase
maker-7-augustus-gene-224.40-mRNA-1	Japonica	NA				CYSTM domain-containing protein (Fragment)
maker-7-augustus-gene-224.42-mRNA-1	Japonica	NA		Os07g0566200	OsR498G0714591800.01.T05	Pyruvate dehydrogenase phosphatase
maker-7-augustus-gene-224.48-mRNA-1	Japonica	Indica	TIR	Os07g0566800	OsR498G0714593200.01.T01	TIR domain-containing protein (Fragment)
maker-7-augustus-gene-224.50-mRNA-1	Japonica	Japonica		Os07g0567300	OsR498G0714594400.01.T01	Putative glycosyltransferase, DXD sugar-binding, alpha 1,4-glycosyltransferase
maker-7-augustus-gene-224.56-mRNA-1	Japonica	NA			OsR498G0714594600.01.T01	Cytochrome c domain-containing protein (Fragment)
maker-7-augustus-gene-225.38-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os07g0568100	OsR498G0714596100.01.T01	Nodulation receptor kinase A
maker-7-augustus-gene-225.41-mRNA-1	Japonica	Japonica		Os07g0569000	OsR498G0714601100.01.T01	
maker-7-augustus-gene-225.44-mRNA-1	Japonica	NA		Os07g0568000	OsR498G0714596000.01.T01	Exocyst complex component 8
maker-7-augustus-gene-225.49-mRNA-1	Japonica	NA		Os07g0568200	OsR498G0714596400.01.T01	SANT domain-containing protein (Fragment)
maker-7-augustus-gene-225.52-mRNA-1	Japonica	NA			OsR498G0714597400.01.T01	GRAS domain-containing protein
maker-7-augustus-gene-225.57-mRNA-1	Japonica	Indica		Os07g0568500	OsR498G0714597800.01.T03	Calcium-dependent protein kinase 20
maker-7-augustus-gene-225.59-mRNA-1	Japonica	NA		Os07g0568600	OsR498G0714598000.01.T01	Calcium-dependent protein kinase
maker-7-augustus-gene-225.64-mRNA-1	Japonica	NA		Os07g0568900	OsR498G0714600800.01.T02	
maker-7-augustus-gene-225.67-mRNA-1	Japonica	NA		Os07g0569100	OsR498G0714601400.01.T02	Remorin like
maker-7-augustus-gene-226.25-mRNA-1	Japonica	NA			OsR498G0714602700.01.T01	Zinc finger transcription factor
maker-7-augustus-gene-226.27-mRNA-1	Japonica	NA		Os07g0570700	OsR498G0714604900.01.T01	Ribosome-recycling factor, chloroplastic
maker-7-augustus-gene-226.32-mRNA-1	Japonica	NA		Os07g0569600	OsR498G0714602000.01.T04	Chaperonin-like RbcX protein 2, chloroplastic
maker-7-augustus-gene-226.34-mRNA-1	Japonica	NA				Zinc-metallopeptidase, peroxisomal
maker-7-augustus-gene-226.40-mRNA-1	Japonica	NA		Os07g0570300	OsR498G0714603600.01.T02	Insulin-degrading enzyme-like 1 peroxisomal
maker-7-augustus-gene-226.49-mRNA-1	Japonica	NA		Os07g0570300	OsR498G0714603600.01.T02	Zinc-metallopeptidase, peroxisomal
maker-7-augustus-gene-226.52-mRNA-1	Japonica	Indica		Os07g0570300	OsR498G0714604000.01.T02	Insulinase (Peptidase family M16) family protein isoform 1
maker-7-augustus-gene-226.56-mRNA-1	Japonica	Indica		Os07g0570550	OsR498G0714604600.01.T01	Phytocyanin domain-containing protein
maker-7-augustus-gene-227.0-mRNA-1	Japonica	NA			OsR498G0714608700.01.T01	INNER NO OUTER
maker-7-augustus-gene-227.11-mRNA-1	Japonica	NA		Os07g0572500	OsR498G0714610900.01.T01	F-box domain containing protein-like
maker-7-augustus-gene-227.12-mRNA-1	Japonica	Indica		Os07g0571100	OsR498G0714606400.01.T05	Protein TIME FOR COFFEE
maker-7-augustus-gene-227.27-mRNA-1	Japonica	NA		Os07g0571900	OsR498G0714609200.01.T01	Pre-mRNA-splicing factor 18
maker-7-augustus-gene-228.0-mRNA-1	Japonica	NA		Os07g0572600	OsR498G0714611100.01.T01	O-fucosyltransferase family protein (Fragment)
maker-7-augustus-gene-228.2-mRNA-1	Japonica	NA	Kinase-TM	Os07g0572800	OsR498G0714612300.01.T06	Serine/threonine-protein kinase WNK1

maker-7-augustus-gene-229.43-mRNA-1	Japonica	NA	NBS	Os07g0573100	OsR498G0714613100.01.T02	Adenylyl-sulfate kinase
maker-7-augustus-gene-229.52-mRNA-1	Japonica	NA		Os07g0573400	OsR498G0714613900.01.T02	Neprosin 1
maker-7-augustus-gene-229.57-mRNA-1	Japonica	Japonica		Os07g0574633	OsR498G0714617700.01.T01	Ubiquitin-like domain-containing protein
maker-7-augustus-gene-229.59-mRNA-1	Japonica	NA		Os07g0574800	OsR498G0714619100.01.T01	Tubulin alpha chain
maker-7-augustus-gene-229.63-mRNA-1	Japonica	NA		Os07g0573600	OsR498G0714614400.01.T01	RNA polymerase II transcription factor B subunit 5
maker-7-augustus-gene-229.65-mRNA-1	Japonica	NA		Os07g0573700	OsR498G0714614600.01.T01	Nucleotide-sugar transporter
maker-7-augustus-gene-229.70-mRNA-1	Japonica	NA		Os07g0573800	OsR498G0714615200.01.T01	Root border cell-specific protein (Fragment)
maker-7-augustus-gene-229.75-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os07g0574100	OsR498G0714615800.01.T01	Receptor-kinase isolog
maker-7-augustus-gene-23.19-mRNA-1	Japonica	NA			OsR498G0713525900.01.T01	Inositol transporter like
maker-7-augustus-gene-23.23-mRNA-1	Japonica	NA		Os07g0151300	OsR498G0713526100.01.T01	melanoma-associated antigen 2
maker-7-augustus-gene-23.25-mRNA-1	Japonica	Japonica		Os07g0151700	OsR498G0713527500.01.T01	
maker-7-augustus-gene-23.27-mRNA-1	Japonica	Indica		Os07g0151800	OsR498G0713527200.01.T01	
maker-7-augustus-gene-230.0-mRNA-1	Japonica	NA			OsR498G0714621300.01.T05	Pheophytinase, chloroplastic
maker-7-augustus-gene-230.10-mRNA-1	Japonica	NA		Os07g0575100	OsR498G0714619800.01.T01	Importin-5 isoform A
maker-7-augustus-gene-230.17-mRNA-1	Japonica	NA		Os07g0575500	OsR498G0714620200.01.T01	Beta-N-acetylhexosaminidase
maker-7-augustus-gene-230.5-mRNA-1	Japonica	NA		Os07g0575900	OsR498G0714621700.01.T01	Vacuolar protein sorting-associated protein 62
maker-7-augustus-gene-230.7-mRNA-1	Japonica	NA		Os07g0576000	OsR498G0714621900.01.T01	Homogentisate solanesyltransferase chloroplastic
maker-7-augustus-gene-231.48-mRNA-1	Japonica	NA		Os07g0577600	OsR498G0714623900.01.T01	Chlorophyll a-b binding protein, chloroplastic
maker-7-augustus-gene-231.53-mRNA-1	Japonica	NA			OsR498G0714624100.01.T01	Succinate--CoA ligase [ADP-forming] subunit alpha-1 mitochondrial
maker-7-augustus-gene-231.56-mRNA-1	Japonica	NA		Os07g0578200	OsR498G0714626700.01.T03	Major facilitator superfamily domain-containing protein 12
maker-7-augustus-gene-231.62-mRNA-1	Japonica	NA		Os07g0577900	OsR498G0714625600.01.T01	t-SNARE coiled-coil homology domain-containing protein (Fragment)
maker-7-augustus-gene-232.0-mRNA-1	Japonica	NA		Os07g0578600	OsR498G0714628300.01.T01	5-formyltetrahydrofolate cycloligase
maker-7-augustus-gene-232.16-mRNA-1	Japonica	NA		Os07g0580900	OsR498G0714634400.01.T03	Geranyl diphosphate synthase large subunit
maker-7-augustus-gene-232.18-mRNA-1	Japonica	NA		Os07g0581000	OsR498G0714634800.01.T01	Bi-functional UDP-rhamnose/UDP-galactose transporter
maker-7-augustus-gene-232.4-mRNA-1	Japonica	NA		Os07g0578800	OsR498G0714628800.01.T03	Pentatricopeptide repeat-containing protein, mitochondrial
maker-7-augustus-gene-233.41-mRNA-1	Japonica	NA		Os06g0186900	OsR498G0611743800.01.T01	RuvB-like helicase
maker-7-augustus-gene-233.43-mRNA-1	Japonica	NA				
maker-7-augustus-gene-233.50-mRNA-1	Japonica	NA		Os07g0581700	OsR498G0714639300.01.T01	Homeodomain leucine zipper protein class 1
maker-7-augustus-gene-233.52-mRNA-1	Japonica	NA		Os07g0582400	OsR498G0714641300.01.T01	Polyol transporter 5
maker-7-augustus-gene-233.55-mRNA-1	Japonica	NA		Os07g0582500	OsR498G0714641600.01.T01	Polyol transporter 5
maker-7-augustus-gene-233.57-mRNA-1	Japonica	NA		Os07g0582850	OsR498G0714642200.01.T01	MFS domain-containing protein
maker-7-augustus-gene-234.0-mRNA-1	Japonica	NA		Os07g0583200	OsR498G0714643900.01.T01	Mitochondrial transcription termination factor
maker-7-augustus-gene-234.11-mRNA-1	Japonica	Indica		Os07g0584200	OsR498G0714647700.01.T01	BTB/POZ domain-containing protein At5g48130
maker-7-augustus-gene-234.14-mRNA-1	Japonica	NA		Os07g0584500	OsR498G0714649100.01.T01	RNA-binding (RRM/RBD/RNP motifs) family protein
maker-7-augustus-gene-234.16-mRNA-1	Japonica	NA			OsR498G0714644200.01.T01	Zinc finger CCCH domain-containing protein 18
maker-7-augustus-gene-234.20-mRNA-1	Japonica	Japonica		Os07g0583500	OsR498G0714645200.01.T04	rRNA N-glycosidase
maker-7-augustus-gene-234.23-mRNA-1	Japonica	NA		Os07g0583700	OsR498G0714646200.01.T01	WRKY17 transcription factor
maker-7-augustus-gene-234.3-mRNA-1	Japonica	NA			OsR498G0714644900.01.T01	GRF zinc finger family protein
maker-7-augustus-gene-234.5-mRNA-1	Japonica	NA			OsR498G0714646900.01.T02	Yippee domain-containing protein
maker-7-augustus-gene-234.9-mRNA-1	Japonica	NA	Kinase	Os07g0584100	OsR498G0714647100.01.T01	probable serine/threonine-protein kinase WNK11
maker-7-augustus-gene-235.0-mRNA-1	Japonica	NA		Os07g0584900	OsR498G0714650500.01.T01	U-box domain-containing protein 4
maker-7-augustus-gene-235.11-mRNA-1	Japonica	NA		Os07g0585250	OsR498G0714652400.01.T01	AAI domain-containing protein
maker-7-augustus-gene-235.19-mRNA-1	Japonica	NA		Os07g0585800	OsR498G0714655400.01.T01	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial
maker-7-augustus-gene-235.23-mRNA-1	Japonica	Indica		Os01g0593100	OsR498G0714656200.01.T02	A-kinase anchor protein like (Fragment)
maker-7-augustus-gene-235.27-mRNA-1	Japonica	Indica		Os07g0586100	OsR498G0714656600.01.T02	Gdsl esteraselipase
maker-7-augustus-gene-235.8-mRNA-1	Japonica	NA				CYSTM domain-containing protein
maker-7-augustus-gene-236.32-mRNA-1	Japonica	Indica		Os07g0586500	OsR498G0714657900.01.T03	SUMO-activating enzyme subunit
maker-7-augustus-gene-236.41-mRNA-1	Japonica	Japonica		Os07g0586200	OsR498G0714656800.01.T02	GDLS esterase/lipase
maker-7-augustus-gene-236.44-mRNA-1	Japonica	NA		Os07g0586700	OsR498G0714663400.01.T01	GIY-YIG domain-containing protein
maker-7-augustus-gene-236.46-mRNA-1	Japonica	NA		Os07g0587100	OsR498G0714663400.01.T01	Glycosyltransferase
maker-7-augustus-gene-236.48-mRNA-1	Japonica	NA			OsR498G0714663800.01.T01	NPH3 domain-containing protein (Fragment)
maker-7-augustus-gene-237.32-mRNA-1	Japonica	NA		Os07g0588000	OsR498G0714667100.01.T03	Interferon-related developmental regulator family protein / IFRD protein family
maker-7-augustus-gene-237.38-mRNA-1	Japonica	NA		Os07g0588200	OsR498G0714668100.01.T01	Formin-like protein 13
maker-7-augustus-gene-237.40-mRNA-1	Japonica	Japonica		Os07g0588300	OsR498G0714668300.01.T01	
maker-7-augustus-gene-237.43-mRNA-1	Japonica	NA		Os07g0588500	OsR498G0714669100.01.T02	Mitotic checkpoint protein like
maker-7-augustus-gene-237.49-mRNA-1	Japonica	NA		Os03g0793100	OsR498G1119421100.01.T02	Glycosyltransferases
maker-7-augustus-gene-237.52-mRNA-1	Japonica	NA			OsR498G0714668600.01.T01	Transcription factor bHLH84 like
maker-7-augustus-gene-238.0-mRNA-1	Japonica	Japonica		Os07g0589400	OsR498G0714672700.01.T01	Protein ANTHESIS POMOTING FACTOR 1
maker-7-augustus-gene-238.6-mRNA-1	Japonica	NA			OsR498G0714678500.01.T01	
maker-7-augustus-gene-239.14-mRNA-1	Japonica	Indica		Os07g0593200	OsR498G0714684600.01.T02	SWIM-type domain-containing protein (Fragment)
maker-7-augustus-gene-239.2-mRNA-1	Japonica	NA				WPP domain-containing protein 2

maker-7-augustus-gene-239.4-mRNA-1	Japonica	NA			OsR498G0714687300.01.T01	
maker-7-augustus-gene-239.7-mRNA-1	Japonica	NA		Os07g0592200		Aspartic proteinase-like protein 2
maker-7-augustus-gene-239.9-mRNA-1	Japonica	NA		Os07g0592300	OsR498G0714682000.01.T03	Peptidase A1 domain-containing protein
maker-7-augustus-gene-240.35-mRNA-1	Japonica	NA		Os07g0595800	OsR498G0714690500.01.T02	Putative transcriptional regulator UXT
maker-7-augustus-gene-240.39-mRNA-1	Japonica	NA		Os07g0598900	OsR498G0714702700.01.T04	COBW domain-containing protein 1
maker-7-augustus-gene-240.43-mRNA-1	Japonica	NA				Flavonoid 3'-monooxygenase
maker-7-augustus-gene-240.45-mRNA-1	Japonica	NA			OsR498G0714689400.01.T01	cobW domain-containing protein
maker-7-augustus-gene-240.47-mRNA-1	Japonica	Indica		Os07g0595700	OsR498G0714690400.01.T01	
maker-7-augustus-gene-240.49-mRNA-1	Japonica	NA			OsR498G0714691200.01.T01	S-acyltransferase
maker-7-augustus-gene-240.55-mRNA-1	Japonica	NA			OsR498G0714692000.01.T05	Formin-like protein 20 isoform I (Fragment)
maker-7-augustus-gene-240.62-mRNA-1	Japonica	NA	Kinase	Os07g0596600	OsR498G0714693400.01.T01	Putative serine/threonine-protein kinase
maker-7-augustus-gene-240.65-mRNA-1	Japonica	NA		Os07g0596900	OsR498G0714695200.01.T01	WRKY transcription factor
maker-7-augustus-gene-241.0-mRNA-1	Japonica	NA			OsR498G0714696100.01.T01	Mitochondrial saccharopine dehydrogenase
maker-7-augustus-gene-241.17-mRNA-1	Japonica	NA		Os07g0597000	OsR498G0714695600.01.T02	Eukaryotic translation initiation factor 5A
maker-7-augustus-gene-241.21-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os07g0597200	OsR498G0714696400.01.T01	Leucine-rich repeat transmembrane protein kinase
maker-7-augustus-gene-241.24-mRNA-1	Japonica	NA		Os07g0598400	OsR498G0714700600.01.T01	heparanase-like protein 2
maker-7-augustus-gene-241.26-mRNA-1	Japonica	NA		Os07g0598500	OsR498G0714700800.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-7-augustus-gene-241.8-mRNA-1	Japonica	NA		Os07g0598300	OsR498G0714700300.01.T01	Helicase ATP-binding domain-containing protein
maker-7-augustus-gene-242.39-mRNA-1	Japonica	NA			OsR498G0714702700.01.T05	COBW domain-containing protein 1
maker-7-augustus-gene-242.44-mRNA-1	Japonica	NA		Os07g0599000	OsR498G0714702900.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-7-augustus-gene-242.47-mRNA-1	Japonica	NA		Os07g0600700	OsR498G0714708100.01.T01	X8 domain-containing protein
maker-7-augustus-gene-243.44-mRNA-1	Japonica	NA		Os07g0601000	OsR498G0714708800.01.T01	Epimerase domain-containing protein
maker-7-augustus-gene-243.47-mRNA-1	Japonica	Japonica		Os07g0601100	OsR498G0714709000.01.T01	Epimerase domain-containing protein
maker-7-augustus-gene-243.48-mRNA-1	Japonica	NA		Os07g0601100	OsR498G0714709000.01.T01	Epimerase domain-containing protein
maker-7-augustus-gene-243.51-mRNA-1	Japonica	Indica		Os07g0602000	OsR498G0714710800.01.T01	Dihydroflavonol-4-reductase
maker-7-augustus-gene-243.54-mRNA-1	Japonica	NA		Os07g0602000	OsR498G0714711200.01.T01	Epimerase domain-containing protein
maker-7-augustus-gene-244.33-mRNA-1	Japonica	Indica		Os07g0602900	OsR498G0714715000.01.T01	Ninja-family protein 6
maker-7-augustus-gene-244.40-mRNA-1	Japonica	NA		Os07g0603300	OsR498G0714717400.01.T02	Transcription initiation factor IIB
maker-7-augustus-gene-245.31-mRNA-1	Japonica	Indica		Os07g0603600	OsR498G0714720100.01.T01	Methylesterase 11, chloroplastic
maker-7-augustus-gene-245.34-mRNA-1	Japonica	NA		Os07g0603700	OsR498G0714720500.01.T01	Cytochrome P450, family 78, subfamily A, polypeptide 10 (Fragment)
maker-7-augustus-gene-245.36-mRNA-1	Japonica	NA		Os07g0603800	OsR498G0714721100.01.T03	Peptide transporter PTR2
maker-7-augustus-gene-245.40-mRNA-1	Japonica	Indica		Os07g0604000	OsR498G0714722100.01.T05	Probable 6-phosphogluconolactonase
maker-7-augustus-gene-245.46-mRNA-1	Japonica	Japonica		Os07g0604600	OsR498G0714724100.01.T01	
maker-7-augustus-gene-245.50-mRNA-1	Japonica	NA		Os07g0604800	OsR498G0714724500.01.T01	UDP-arabinopyranose mutase
maker-7-augustus-gene-245.53-mRNA-1	Japonica	NA				COBRA-like protein 5
maker-7-augustus-gene-247.44-mRNA-1	Japonica	NA				Dead box ATP-dependent RNA helicase
maker-7-augustus-gene-247.53-mRNA-1	Japonica	Indica		Os07g0607700	OsR498G0714733700.01.T03	Alkyl transferase
maker-7-augustus-gene-247.55-mRNA-1	Japonica	NA			OsR498G0714734700.01.T03	Acidic leucine-rich nuclear phosphoprotein 32-related protein 1
maker-7-augustus-gene-247.60-mRNA-1	Japonica	Japonica		Os07g0606900	OsR498G0714731400.01.T01	Translation initiation factor IF-2-like
maker-7-augustus-gene-247.63-mRNA-1	Japonica	NA			OsR498G0714732800.01.T03	
maker-7-augustus-gene-247.66-mRNA-1	Japonica	NA		Os07g0607400	OsR498G0714733400.01.T02	Pectinesterase
maker-7-augustus-gene-247.69-mRNA-1	Japonica	NA		Os07g0607500	OsR498G0714733600.01.T01	ATP-dependent Clp protease proteolytic subunit
maker-7-augustus-gene-247.70-mRNA-1	Japonica	NA			OsR498G0714733600.01.T02	
maker-7-augustus-gene-247.75-mRNA-1	Japonica	NA		Os07g0608200	OsR498G0714735400.01.T02	CCAAT-binding transcription factor B
maker-7-augustus-gene-248.38-mRNA-1	Japonica	Indica		Os07g0608300	OsR498G0714736100.01.T03	Alpha/beta hydrolase domain-containing protein WAV2
maker-7-augustus-gene-248.42-mRNA-1	Japonica	NA		Os07g0608400	OsR498G0714736300.01.T01	PHD finger protein ALFIN-LIKE 5, N-terminally processed like
maker-7-augustus-gene-248.46-mRNA-1	Japonica	NA		Os07g0608800	OsR498G0714737100.01.T01	Peroxisome biogenesis factor
maker-7-augustus-gene-248.50-mRNA-1	Japonica	NA		Os07g0608500	OsR498G0714736800.01.T01	KH type-2 domain-containing protein (Fragment)
maker-7-augustus-gene-248.55-mRNA-1	Japonica	Indica		Os07g0608700	OsR498G0714737000.01.T01	Small nuclear ribonucleoprotein G
maker-7-augustus-gene-249.0-mRNA-1	Japonica	NA		Os07g0609766	OsR498G0714738100.01.T01	Armadillo repeat-containing protein LFR
maker-7-augustus-gene-249.4-mRNA-1	Japonica	NA		Os07g0611600	OsR498G0714741100.01.T01	DNA-directed RNA polymerase III subunit
maker-7-augustus-gene-250.0-mRNA-1	Japonica	Indica		Os07g0611700	OsR498G0714741500.01.T02	
maker-7-augustus-gene-250.12-mRNA-1	Japonica	NA		Os07g0614000	OsR498G0714747900.01.T01	Strictosidine synthase
maker-7-augustus-gene-250.13-mRNA-1	Japonica	Indica		Os07g0614000	OsR498G0714748500.01.T01	Strictosidine synthase
maker-7-augustus-gene-250.24-mRNA-1	Japonica	NA		Os07g0612400	OsR498G0714741800.01.T02	Catalytic/ hydrolase
maker-7-augustus-gene-250.25-mRNA-1	Japonica	NA		Os07g0612500	OsR498G0714742400.01.T01	
maker-7-augustus-gene-250.28-mRNA-1	Japonica	NA			OsR498G0714743600.01.T01	GTP diphosphokinase
maker-7-augustus-gene-250.3-mRNA-1	Japonica	NA		Os07g0613300	OsR498G0714744100.01.T04	Exportin-T
maker-7-augustus-gene-250.32-mRNA-1	Japonica	NA		Os07g0614100	OsR498G0714748200.01.T02	Proteasome endopeptidase complex
maker-7-augustus-gene-250.8-mRNA-1	Japonica	NA	Kinase-TM	Os07g0613500	OsR498G0714745300.01.T02	Serine/threonine-protein kinase RPK
maker-7-augustus-gene-251.36-mRNA-1	Japonica	Japonica		Os07g0614400	OsR498G0714749700.01.T01	Dof zinc finger protein like

maker-7-augustus-gene-251.39-mRNA-1	Japonica	NA			OsR498G0714750700.01.T01	Transmembrane protein like
maker-7-augustus-gene-251.42-mRNA-1	Japonica	NA		Os07g0615200	OsR498G0714752500.01.T05	Tify domain-containing protein
maker-7-augustus-gene-251.45-mRNA-1	Japonica	NA		Os07g0615400	OsR498G0714753100.01.T01	Apoptosis-promoting RNA-binding protein TIA-1/TIAR (RRM superfamily)
maker-7-augustus-gene-251.54-mRNA-1	Japonica	NA		Os07g0616000	OsR498G0714754700.01.T03	Erect panical 2
maker-7-augustus-gene-251.58-mRNA-1	Japonica	NA		Os07g0614500	OsR498G0714750200.01.T01	Translational elongation factor 1 subunit Bbeta
maker-7-augustus-gene-251.61-mRNA-1	Japonica	Indica		Os03g0406100	OsR498G0714751200.01.T04	SPX domain-containing protein 6
maker-7-augustus-gene-251.63-mRNA-1	Japonica	NA		Os07g0615500	OsR498G0714753400.01.T01	FLZ-type domain-containing protein
maker-7-augustus-gene-251.67-mRNA-1	Japonica	NA		Os07g0616200	OsR498G0714755000.01.T01	Beta-ketoacyl-[acyl-carrier-protein] synthase I
maker-7-augustus-gene-252.31-mRNA-1	Japonica	NA		Os07g0616800	OsR498G0714758500.01.T02	Sucrose synthase
maker-7-augustus-gene-252.33-mRNA-1	Japonica	NA		Os07g0616900	OsR498G0714758700.01.T01	FYVE-type domain-containing protein
maker-7-augustus-gene-252.36-mRNA-1	Japonica	NA		Os07g0616600	OsR498G0714756800.01.T01	40S ribosomal protein SA
maker-7-augustus-gene-252.41-mRNA-1	Japonica	NA		Os07g0617000	OsR498G0714759000.01.T01	Ethylene signal transcription factor
maker-7-augustus-gene-252.43-mRNA-1	Japonica	Indica		Os07g0617800	OsR498G0714762200.01.T01	Alanine aminotransferase
maker-7-augustus-gene-253.31-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os07g0618400	OsR498G0714763500.01.T01	Protein STRUBBELIG-RECEPTOR FAMILY 7
maker-7-augustus-gene-253.38-mRNA-1	Japonica	NA		Os07g0618500	OsR498G0714763700.01.T06	6-hydroxymethyl-7,8-dihydropterin pyrophosphokinase
maker-7-augustus-gene-253.40-mRNA-1	Japonica	NA		Os07g0618600	OsR498G0714763900.01.T01	Lateral signaling target protein
maker-7-augustus-gene-253.44-mRNA-1	Japonica	NA		Os07g0618800	OsR498G0714764300.01.T01	Calcium-binding protein CML20
maker-7-augustus-gene-253.49-mRNA-1	Japonica	NA		Os07g0619100	OsR498G0714765100.01.T02	Protein WEAK CHLOROPLAST MOVEMENT UNDER BLUE LIGHT 1
maker-7-augustus-gene-252.33-mRNA-1	Japonica	NA				DDT domain-containing protein
maker-7-augustus-gene-254.0-mRNA-1	Japonica	NA		Os07g0620300	OsR498G0714770500.01.T02	Adaptor protein complex 4 subunit u
maker-7-augustus-gene-254.14-mRNA-1	Japonica	Indica		Os07g0619800	OsR498G0714768800.01.T02	Calcium dependent protein kinase 5
maker-7-augustus-gene-254.19-mRNA-1	Japonica	NA		Os07g0620400	OsR498G0714770800.01.T01	ADP-ribosylation factor-related protein 1
maker-7-augustus-gene-254.22-mRNA-1	Japonica	NA		Os07g0620800	OsR498G0714772200.01.T02	Cyclin N-terminal domain-containing protein
maker-7-augustus-gene-254.26-mRNA-1	Japonica	NA			OsR498G0714773600.01.T03	RNA helicase
maker-7-augustus-gene-254.28-mRNA-1	Japonica	NA			OsR498G0714773800.01.T01	Cytochrome c oxidase subunit
maker-7-augustus-gene-254.6-mRNA-1	Japonica	Indica		Os07g0621300	OsR498G0714773300.01.T01	GRAM domain-containing protein
maker-7-augustus-gene-254.9-mRNA-1	Japonica	Indica		Os07g0619700	OsR498G0714768600.01.T02	Zinc finger CCH domain-containing protein 62
maker-7-augustus-gene-255.26-mRNA-1	Japonica	NA	Kinase-TM			Serine/threonine-protein kinase SRK2C
maker-7-augustus-gene-255.34-mRNA-1	Japonica	NA		Os07g0622300		Glycosyltransferase
maker-7-augustus-gene-255.37-mRNA-1	Japonica	Japonica		Os07g0623200	OsR498G0306074200.01.T01	HMA domain-containing protein (Fragment)
maker-7-augustus-gene-255.40-mRNA-1	Japonica	NA		Os07g0623300	OsR498G0714779900.01.T06	Serine/arginine-rich splicing factor 2
maker-7-augustus-gene-255.45-mRNA-1	Japonica	NA		Os07g0622200	OsR498G0714775600.01.T01	Phospho-2-dehydro-3-deoxyheptonate aldolase
maker-7-augustus-gene-255.51-mRNA-1	Japonica	NA			OsR498G0714779000.01.T02	Calmodulin-binding transcription activator 1
maker-7-augustus-gene-255.57-mRNA-1	Japonica	Indica		Os07g0623400	OsR498G0714780200.01.T03	Transcription elongation factor SPT4 isogeny 2
maker-7-augustus-gene-255.61-mRNA-1	Japonica	NA		Os07g0623600	OsR498G0714780600.01.T01	N-lysine methyltransferase SEE1
maker-7-augustus-gene-256.0-mRNA-1	Japonica	NA		Os07g0624600	OsR498G0714783700.01.T01	Trehalose 6-phosphate phosphatase
maker-7-augustus-gene-256.2-mRNA-1	Japonica	NA		Os07g0624100		BED zinc finger family protein, expressed
maker-7-augustus-gene-256.7-mRNA-1	Japonica	NA			OsR498G0714785000.01.T03	Adenylate kinase
maker-7-augustus-gene-257.42-mRNA-1	Japonica	Indica		Os07g0626200	OsR498G0714789300.01.T01	SAP domain-containing protein (Fragment)
maker-7-augustus-gene-257.46-mRNA-1	Japonica	Indica		Os07g0626300	OsR498G0714789500.01.T01	UV radiation resistance protein/autophagy-related protein 14
maker-7-augustus-gene-257.52-mRNA-1	Japonica	NA		Os07g0626400	OsR498G0714789700.01.T01	J domain-containing protein (Fragment)
maker-7-augustus-gene-257.53-mRNA-1	Japonica	NA			OsR498G0714792500.01.T03	E3 ubiquitin-protein ligase RKP
maker-7-augustus-gene-257.73-mRNA-1	Japonica	NA			OsR498G0714793500.01.T01	RRM domain-containing protein
maker-7-augustus-gene-257.75-mRNA-1	Japonica	NA		Os07g0627300	OsR498G0714794700.01.T02	HTH myb-type domain-containing protein
maker-7-augustus-gene-257.79-mRNA-1	Japonica	NA		Os07g0627400	OsR498G0714795100.01.T01	
maker-7-augustus-gene-257.81-mRNA-1	Japonica	NA		Os07g0625800	OsR498G0714788600.01.T01	AAI domain-containing protein
maker-7-augustus-gene-257.83-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os07g0626500	OsR498G0714790400.01.T01	Inactive receptor kinase
maker-7-augustus-gene-257.86-mRNA-1	Japonica	NA		Os07g0626600	OsR498G0714791600.01.T01	Histone acetyltransferase
maker-7-augustus-gene-258.0-mRNA-1	Japonica	NA		Os07g0627700	OsR498G0714796200.01.T04	Aldehyde oxygenase (deformylating)
maker-7-augustus-gene-258.11-mRNA-1	Japonica	NA		Os07g0628500	OsR498G0714798000.01.T02	Transcription factor bHLH47
maker-7-augustus-gene-258.14-mRNA-1	Japonica	NA		Os07g0628600	OsR498G0714798400.01.T01	Origin of replication complex subunit like
maker-7-augustus-gene-258.17-mRNA-1	Japonica	NA	Kinase-TM	Os07g0628700	OsR498G0714798600.01.T01	Cysteine-rich receptor-like protein kinase 8
maker-7-augustus-gene-258.21-mRNA-1	Japonica	NA	Kinase-TM	Os07g0628900	OsR498G0714798800.01.T02	Non-specific serine/threonine protein kinase
maker-7-augustus-gene-258.26-mRNA-1	Japonica	Indica		Os08g0437200	OsR498G0714799400.01.T01	MYB domain class transcription factor
maker-7-augustus-gene-258.3-mRNA-1	Japonica	NA		Os07g0627800	OsR498G0714796600.01.T01	Developmentally-regulated G-protein 3
maker-7-augustus-gene-258.9-mRNA-1	Japonica	NA			OsR498G0714796800.01.T01	RRM domain-containing protein
maker-7-augustus-gene-259.47-mRNA-1	Japonica	NA		Os07g0630400	OsR498G0714803500.01.T01	Ribonuclease 1
maker-7-augustus-gene-259.49-mRNA-1	Japonica	NA			OsR498G0714804100.01.T01	
maker-7-augustus-gene-259.51-mRNA-1	Japonica	Indica		Os07g0630900	OsR498G0714805300.01.T01	Putative mannan synthase 7
maker-7-augustus-gene-259.56-mRNA-1	Japonica	NA		Os07g0631100	OsR498G0714805700.01.T01	Transcription elongation factor 1 homolog
maker-7-augustus-gene-259.59-mRNA-1	Japonica	NA		Os07g0631000	OsR498G0714805600.01.T01	Defective in cullin neddylation protein (Fragment)

maker-7-augustus-gene-259.64-mRNA-1	Japonica	NA		Os07g0631300		
maker-7-augustus-gene-260.44-mRNA-1	Japonica	NA		Os07g0631900	OsR498G0714808700.01.T01	Ribonucleoprotein A, chloroplastic
maker-7-augustus-gene-260.51-mRNA-1	Japonica	NA		Os07g0632700	OsR498G0714810900.01.T01	Transmembrane emp24 domain-containing protein 10
maker-7-augustus-gene-260.54-mRNA-1	Japonica	Japonica		Os07g0633000	OsR498G0714811700.01.T01	RRM domain-containing protein
maker-7-augustus-gene-260.58-mRNA-1	Japonica	NA		Os07g0633200	OsR498G0714812300.01.T01	Arginine/serine-rich splicing factor SCL25B transcript IV
maker-7-augustus-gene-260.62-mRNA-1	Japonica	NA		Os07g0633400	OsR498G0714813700.01.T01	IQ domain-containing protein IQM6
maker-7-augustus-gene-260.64-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0714811200.01.T01	serine/threonine-protein kinase STY8-like isoform X1
maker-7-augustus-gene-260.70-mRNA-1	Japonica	NA		Os07g0633100	OsR498G0714812000.01.T02	Glucan endo-1,3-beta-D-glucosidase
maker-7-augustus-gene-260.72-mRNA-1	Japonica	NA		Os07g0633500	OsR498G0714814000.01.T01	Dead box ATP-dependent RNA helicase
maker-7-augustus-gene-260.74-mRNA-1	Japonica	Japonica		Os07g0634000	OsR498G0714815000.01.T01	SNARE associated Golgi protein family
maker-7-augustus-gene-261.0-mRNA-1	Japonica	NA		Os07g0634200	OsR498G0714816100.01.T02	Ras-related protein ARA-4
maker-7-augustus-gene-261.11-mRNA-1	Japonica	Indica		Os07g0635200	OsR498G0714820100.01.T01	Secologanin synthase
maker-7-augustus-gene-261.13-mRNA-1	Japonica	NA		Os07g0635500	OsR498G0714821100.01.T01	Secologanin synthase
maker-7-augustus-gene-261.15-mRNA-1	Japonica	NA			OsR498G0917123900.01.T01	
maker-7-augustus-gene-261.18-mRNA-1	Japonica	NA		Os07g0635700	OsR498G0714821700.01.T01	Secologanin synthase
maker-7-augustus-gene-261.2-mRNA-1	Japonica	NA		Os07g0634600	OsR498G0714817700.01.T01	Pectin acetylesterase
maker-7-augustus-gene-261.21-mRNA-1	Japonica	Indica		Os07g0634100	OsR498G0714815200.01.T01	TSL-kinase interacting protein 1
maker-7-augustus-gene-261.24-mRNA-1	Japonica	NA		Os07g0634300	OsR498G0714816400.01.T01	Low temperature viability protein, expressed
maker-7-augustus-gene-261.26-mRNA-1	Japonica	NA		Os07g0634400	OsR498G0714816600.01.T01	Phosphate metabolism protein 8-like
maker-7-augustus-gene-261.8-mRNA-1	Japonica	NA			OsR498G0714819100.01.T01	Transcription factor MYB86
maker-7-augustus-gene-262.0-mRNA-1	Japonica	NA		Os07g0636200	OsR498G0714823900.01.T01	Putative calcium/calmodulin-dependent protein kinase chromatin remodeling
maker-7-augustus-gene-262.14-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0714826500.01.T04	Non-specific serine/threonine protein kinase
maker-7-augustus-gene-262.20-mRNA-1	Japonica	NA			OsR498G0714826900.01.T01	J domain-containing protein
maker-7-augustus-gene-262.24-mRNA-1	Japonica	NA		Os07g0637400	OsR498G0714828500.01.T01	Novel plant snare
maker-7-augustus-gene-262.30-mRNA-1	Japonica	NA		Os07g0637200	OsR498G0714827200.01.T01	Putative endonuclease or glycosyl hydrolase
maker-7-augustus-gene-262.32-mRNA-1	Japonica	NA		Os07g0637300	OsR498G0714827600.01.T01	Protein-serine/threonine kinase
maker-7-augustus-gene-262.39-mRNA-1	Japonica	NA		Os07g0637500	OsR498G0714828800.01.T02	Serine/threonine-protein kinase Haspin
maker-7-augustus-gene-263.44-mRNA-1	Japonica	NA		Os07g0638400	OsR498G0714831300.01.T01	Peroxioredoxin
maker-7-augustus-gene-263.46-mRNA-1	Japonica	NA		Os07g0638500	OsR498G0714831500.01.T01	Dirigent protein (Fragment)
maker-7-augustus-gene-263.47-mRNA-1	Japonica	NA			OsR498G0714830200.01.T01	Kinesin-like protein KIN-12E
maker-7-augustus-gene-263.56-mRNA-1	Japonica	NA			OsR498G0714834000.01.T01	4-coumarate--CoA ligase-like 8
maker-7-augustus-gene-264.0-mRNA-1	Japonica	NA		Os07g0639800	OsR498G0714835900.01.T01	Eukaryotic translation initiation factor 6
maker-7-augustus-gene-264.10-mRNA-1	Japonica	NA		Os07g0640200	OsR498G0714836700.01.T01	Xylulose kinase
maker-7-augustus-gene-264.15-mRNA-1	Japonica	NA		Os07g0640900	OsR498G0714838300.01.T02	Heat stress transcription factor B-4
maker-7-augustus-gene-264.20-mRNA-1	Japonica	NA		Os07g0639500		Peroxidase
maker-7-augustus-gene-264.21-mRNA-1	Japonica	NA		Os07g0639600	OsR498G0714835000.01.T04	Pyroglutamate carboxylate peptidase
maker-7-augustus-gene-264.26-mRNA-1	Japonica	NA			OsR498G0714836200.01.T02	dTMP kinase
maker-7-augustus-gene-264.30-mRNA-1	Japonica	NA		Os08g0522100	OsR498G0816484000.01.T04	DUF223 domain-containing protein
maker-7-augustus-gene-264.31-mRNA-1	Japonica	NA		Os08g0522100	OsR498G0714837000.01.T04	ATP-dependent DNA helicase
maker-7-augustus-gene-264.4-mRNA-1	Japonica	Indica		Os07g0640000	OsR498G0714836300.01.T01	Probable protein arginine N-methyltransferase 3
maker-7-augustus-gene-264.54-mRNA-1	Japonica	NA				O-fucosyltransferase family protein
maker-7-augustus-gene-264.57-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0366200	OsR498G0714839200.01.T01	Calcium/calmodulin-dependent serine/threonine-protein kinase 1
maker-7-augustus-gene-264.63-mRNA-1	Japonica	NA		Os07g0641600	OsR498G0714840200.01.T01	Protein N-lysine methyltransferase METTL21A
maker-7-augustus-gene-264.67-mRNA-1	Japonica	Indica		Os07g0641800	OsR498G0714840600.01.T01	Chaperonin 10 isoform 1
maker-7-augustus-gene-264.8-mRNA-1	Japonica	NA		Os07g0640100	OsR498G0714836500.01.T01	LYR family of Fe/S cluster biogenesis protein
maker-7-augustus-gene-265.41-mRNA-1	Japonica	NA		Os07g0642300	OsR498G0714842300.01.T03	Trafficking protein particle complex subunit
maker-7-augustus-gene-265.46-mRNA-1	Japonica	Japonica		Os07g0642400	OsR498G0714842500.01.T01	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin
maker-7-augustus-gene-265.48-mRNA-1	Japonica	NA		Os07g0642800	OsR498G0714844300.01.T01	Stomatal closure-related actin-binding protein 1
maker-7-augustus-gene-265.53-mRNA-1	Japonica	Indica		Os09g0557300	OsR498G0714841600.01.T01	
maker-7-augustus-gene-265.55-mRNA-1	Japonica	NA		Os07g0642200	OsR498G0714842200.01.T01	GDSL esterase/lipase
maker-7-augustus-gene-265.57-mRNA-1	Japonica	NA		Os07g0642600	OsR498G0714844000.01.T01	TFIIIS N-terminal domain-containing protein
maker-7-augustus-gene-265.62-mRNA-1	Japonica	NA		Os07g0642900	OsR498G0714844600.01.T01	Gamma carbonic anhydrase 2 mitochondrial
maker-7-augustus-gene-265.67-mRNA-1	Japonica	NA		Os07g0644000	OsR498G0714848000.01.T02	ATP synthase mitochondrial F1 complex assembly factor 2 like
maker-7-augustus-gene-266.0-mRNA-1	Japonica	NA		Os07g0644100	OsR498G0714848100.01.T01	BZIP transcription factor a
maker-7-augustus-gene-266.10-mRNA-1	Japonica	NA		Os07g0644300	OsR498G0714848600.01.T01	Pre-mRNA-splicing factor like
maker-7-augustus-gene-266.2-mRNA-1	Japonica	NA		Os07g0644200	OsR498G0714848300.01.T04	Sulfotransferase
maker-7-augustus-gene-266.4-mRNA-1	Japonica	NA		Os07g0644600	OsR498G0714848700.01.T01	11-oxo-beta-amylin 30-oxidase
maker-7-augustus-gene-267.25-mRNA-1	Japonica	NA		Os07g0645400	OsR498G0714853900.01.T01	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial
maker-7-augustus-gene-267.27-mRNA-1	Japonica	NA				Universal stress protein family protein
maker-7-augustus-gene-267.31-mRNA-1	Japonica	NA			OsR498G0714855500.01.T02	PCI domain-containing protein
maker-7-augustus-gene-267.46-mRNA-1	Japonica	NA				Non-specific serine/threonine protein kinase

maker-7-augustus-gene-267.54-mRNA-1	Japonica	NA		Os07g0645500	OsR498G0714854200.01.T01	Endo/exonuclease/phosphatase domain-containing protein (Fragment)
maker-7-augustus-gene-268.11-mRNA-1	Japonica	NA		Os07g0647900	OsR498G0714864900.01.T01	DEAD-box ATP-dependent RNA helicase
maker-7-augustus-gene-268.16-mRNA-1	Japonica	Indica		Os07g0646100	OsR498G0714855800.01.T02	Protein-serine/threonine phosphatase
maker-7-augustus-gene-268.3-mRNA-1	Japonica	NA		Os07g0647100	OsR498G0714862300.01.T01	HEAT repeat family protein, expressed
maker-7-augustus-gene-268.38-mRNA-1	Japonica	NA		Os07g0647200	OsR498G0714862600.01.T01	
maker-7-augustus-gene-268.40-mRNA-1	Japonica	NA			OsR498G0714863800.01.T02	Tim44 domain-containing protein (Fragment)
maker-7-augustus-gene-268.47-mRNA-1	Japonica	NA			OsR498G0714864200.01.T01	RING-type E3 ubiquitin transferase
maker-7-augustus-gene-268.49-mRNA-1	Japonica	Indica		Os07g0647800	OsR498G0714864800.01.T03	RING-type E3 ubiquitin transferase
maker-7-augustus-gene-268.54-mRNA-1	Japonica	NA		Os07g0648000	OsR498G0714865200.01.T01	
maker-7-augustus-gene-268.8-mRNA-1	Japonica	NA			OsR498G0714863900.01.T02	Acytochrome-C oxidase/electron carrier protein
maker-7-augustus-gene-269.36-mRNA-1	Japonica	NA			OsR498G0714865900.01.T05	Mediator of RNA polymerase II transcription subunit 12
maker-7-augustus-gene-269.44-mRNA-1	Japonica	Japonica		Os07g0649500	OsR498G0714872500.01.T01	
maker-7-augustus-gene-270.1-mRNA-1	Japonica	NA			OsR498G0714874300.01.T01	Saposin B-type domain-containing protein
maker-7-augustus-gene-270.4-mRNA-1	Japonica	NA		Os07g0543500	OsR498G0714874500.01.T01	Myb-like domain-containing protein
maker-7-augustus-gene-270.6-mRNA-1	Japonica	Japonica		Os07g0650600	OsR498G0714876300.01.T02	
maker-7-augustus-gene-271.35-mRNA-1	Japonica	NA		Os07g0651600		Retrovirus-related Pol polyprotein from transposon TNT 1-94
maker-7-augustus-gene-272.31-mRNA-1	Japonica	Japonica		Os07g0653150	OsR498G0714875500.01.T01	Saposin B-type domain-containing protein
maker-7-augustus-gene-272.33-mRNA-1	Japonica	NA		Os07g0652800		PIF-like transposase
maker-7-augustus-gene-273.22-mRNA-1	Japonica	Indica		Os07g0543500	OsR498G0714874300.01.T01	
maker-7-augustus-gene-273.24-mRNA-1	Japonica	Indica		Os07g0543500	OsR498G0714874500.01.T01	Saposin B-type domain-containing protein
maker-7-augustus-gene-273.25-mRNA-1	Japonica	Japonica		Os07g0654450	OsR498G0714876300.01.T02	
maker-7-augustus-gene-273.32-mRNA-1	Japonica	NA		Os07g0655300	OsR498G0714877700.01.T01	BTB/POZ and MATH domain-containing protein 2
maker-7-augustus-gene-273.34-mRNA-1	Japonica	NA		Os07g0655400	OsR498G0714878300.01.T01	Rhomboid-like protein 19
maker-7-augustus-gene-274.0-mRNA-1	Japonica	NA		Os07g0655500	OsR498G0714878700.01.T02	CID domain-containing protein
maker-7-augustus-gene-274.10-mRNA-1	Japonica	NA			OsR498G0714880100.01.T01	Trichome birefringence-like family
maker-7-augustus-gene-274.12-mRNA-1	Japonica	Indica		Os07g0656200	OsR498G0714880900.01.T05	Beta-glucosidase 26
maker-7-augustus-gene-274.19-mRNA-1	Japonica	NA			OsR498G0714881700.01.T01	
maker-7-augustus-gene-274.2-mRNA-1	Japonica	NA		Os07g0655600	OsR498G0714879300.01.T01	Pectinesterase
maker-7-augustus-gene-274.21-mRNA-1	Japonica	NA		Os07g0656600	OsR498G0714881900.01.T01	Structural constituent of ribosome protein
maker-7-augustus-gene-274.23-mRNA-1	Japonica	Indica		Os07g0656700	OsR498G0714882100.01.T01	R3H domain-containing protein 1 (Fragment)
maker-7-augustus-gene-274.27-mRNA-1	Japonica	NA			OsR498G0714882500.01.T01	EEF1A lysine methyltransferase 4 isoform A
maker-7-augustus-gene-274.31-mRNA-1	Japonica	Japonica		Os07g0656100	OsR498G0714880400.01.T01	Plasma-membrane choline transporter family protein isoform 2
maker-7-augustus-gene-274.37-mRNA-1	Japonica	NA		Os07g0656500	OsR498G0305849500.01.T02	Mg-chelatase H subunit (Fragment)
maker-7-augustus-gene-274.40-mRNA-1	Japonica	NA		Os07g0656900	OsR498G0714882800.01.T01	Serine carboxypeptidase II-3
maker-7-augustus-gene-274.43-mRNA-1	Japonica	NA		Os07g0657100	OsR498G0714884200.01.T02	VOC domain-containing protein (Fragment)
maker-7-augustus-gene-274.5-mRNA-1	Japonica	NA		Os07g0655900	OsR498G0714879900.01.T01	TVP38/TMEM64 family membrane protein slr0305 family
maker-7-augustus-gene-275.0-mRNA-1	Japonica	NA		Os07g0657200	OsR498G0714884300.01.T04	Protein transport protein SEC31 homolog B
maker-7-augustus-gene-275.15-mRNA-1	Japonica	NA			OsR498G0714886900.01.T01	Phospholipase A(2)
maker-7-augustus-gene-275.23-mRNA-1	Japonica	Japonica		Os07g0657600	OsR498G0714886200.01.T01	ENDO3c domain-containing protein
maker-7-augustus-gene-275.32-mRNA-1	Japonica	Indica		Os07g0658200	OsR498G0714887400.01.T05	28S ribosomal protein S9 mitochondrial
maker-7-augustus-gene-275.36-mRNA-1	Japonica	NA			OsR498G0714888000.01.T01	Glutamine amidotransferase type-2 domain-containing protein (Fragment)
maker-7-augustus-gene-275.44-mRNA-1	Japonica	NA		Os07g0658550		GTP cyclohydrolase II
maker-7-augustus-gene-275.6-mRNA-1	Japonica	NA		Os07g0657500	OsR498G0714885900.01.T01	TRAF-type zinc finger domain-containing protein 1
maker-7-augustus-gene-275.9-mRNA-1	Japonica	NA		Os07g0657900	OsR498G0714886500.01.T01	Thioredoxin reductase NTRC
maker-7-augustus-gene-276.0-mRNA-1	Japonica	NA				F-box protein SKIP5
maker-7-augustus-gene-276.13-mRNA-1	Japonica	NA			OsR498G0714890600.01.T03	GA-binding protein subunit beta-2 like
maker-7-augustus-gene-276.19-mRNA-1	Japonica	Japonica		Os07g0659400	OsR498G0714891200.01.T01	Haloacid dehalogenase-like hydrolase domain-containing protein 3
maker-7-augustus-gene-276.22-mRNA-1	Japonica	NA		Os07g0659500	OsR498G0714892200.01.T01	Condensin complex subunit 1
maker-7-augustus-gene-276.24-mRNA-1	Japonica	NA			OsR498G0714892400.01.T01	Annexin
maker-7-augustus-gene-276.36-mRNA-1	Japonica	NA			OsR498G0714894200.01.T02	RNA pseudourine synthase 6, chloroplastic
maker-7-augustus-gene-276.5-mRNA-1	Japonica	Indica		Os03g0669000	OsR498G0714893500.01.T02	DEAD-box ATP-dependent RNA helicase 10
maker-7-augustus-gene-276.9-mRNA-1	Japonica	NA		Os07g0660700	OsR498G0714894900.01.T01	WD repeat-containing protein 55
maker-7-augustus-gene-277.36-mRNA-1	Japonica	NA		Os07g0661000	OsR498G0714895100.01.T01	Adenosine deaminase
maker-7-augustus-gene-277.41-mRNA-1	Japonica	Indica		Os07g0661300	OsR498G0714896900.01.T01	Ubiquitin carboxyl-terminal hydrolase
maker-7-augustus-gene-277.54-mRNA-1	Japonica	NA		Os07g0661100	OsR498G0714895400.01.T01	GlcNAc-1-P transferase
maker-7-augustus-gene-277.64-mRNA-1	Japonica	NA		Os07g0661600	OsR498G0714899400.01.T04	ABA insensitive ring protein
maker-7-augustus-gene-278.11-mRNA-1	Japonica	NA		Os07g0664200	OsR498G0714908300.01.T01	Putative sex determination protein tasselseed 2
maker-7-augustus-gene-279.35-mRNA-1	Japonica	NA		Os07g0665900	OsR498G0714913300.01.T03	
maker-7-augustus-gene-279.37-mRNA-1	Japonica	NA			OsR498G0714915100.01.T03	
maker-7-augustus-gene-279.55-mRNA-1	Japonica	NA			OsR498G0714913200.01.T01	Chlorophyllase
maker-7-augustus-gene-279.58-mRNA-1	Japonica	Japonica		Os07g0666400	OsR498G0714915400.01.T01	

maker-7-augustus-gene-279.60-mRNA-1	Japonica	NA		Os07g0666600	OsR498G0714916000.01.T01	NAB domain-containing protein (Fragment)
maker-7-augustus-gene-28.51-mRNA-1	Japonica	NA		Os07g0161000	OsR498G0713565400.01.T01	Outer envelope protein 61
maker-7-augustus-gene-28.57-mRNA-1	Japonica	NA				
maker-7-augustus-gene-280.0-mRNA-1	Japonica	NA		Os07g0666900	OsR498G0714918300.01.T01	Sodium-hydrogen exchanger 1
maker-7-augustus-gene-280.10-mRNA-1	Japonica	NA			OsR498G0714919100.01.T01	Homeobox-leucine zipper protein ROC8
maker-7-augustus-gene-280.12-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0349200	OsR498G0714922100.01.T01	probable serine/threonine-protein kinase At1g54610
maker-7-augustus-gene-280.23-mRNA-1	Japonica	Japonica		Os07g0667100	OsR498G0714919000.01.T01	Beta-amylase
maker-7-augustus-gene-280.26-mRNA-1	Japonica	NA		Os07g0667300	OsR498G0714919400.01.T01	Zinc finger protein CONSTANS-LIKE 13
maker-7-augustus-gene-280.28-mRNA-1	Japonica	NA		Os07g0667400	OsR498G0714919600.01.T02	Kinesin-like calmodulin-binding protein-like isoform X1
maker-7-augustus-gene-280.6-mRNA-1	Japonica	NA		Os07g0667000	OsR498G0714918700.01.T01	Tubby-like F-box protein 3
maker-7-augustus-gene-281.22-mRNA-1	Japonica	Indica		Os07g0670100	OsR498G0714929900.01.T01	
maker-7-augustus-gene-281.25-mRNA-1	Japonica	NA				Autophagy-related protein 18
maker-7-augustus-gene-282.0-mRNA-1	Japonica	Japonica		Os07g0671100	OsR498G0714931700.01.T02	Uveal autoantigen with coiled-coil domains and ankyrin repeats isoform 4
maker-7-augustus-gene-282.17-mRNA-1	Japonica	NA		Os10g0111000	OsR498G0306605900.01.T01	
maker-7-augustus-gene-282.19-mRNA-1	Japonica	NA		Os07g0672500	OsR498G0714936900.01.T05	AAA domain-containing protein
maker-7-augustus-gene-282.20-mRNA-1	Japonica	NA		Os07g0672500	OsR498G0714936900.01.T01	AAA domain-containing protein
maker-7-augustus-gene-282.33-mRNA-1	Japonica	Indica		Os07g0673000	OsR498G0714938300.01.T02	T-box protein 41
maker-7-augustus-gene-282.37-mRNA-1	Japonica	NA			OsR498G0714934800.01.T02	Indole-3-acetic acid-amido synthetase
maker-7-augustus-gene-282.4-mRNA-1	Japonica	Indica		Os07g0671400	OsR498G0714933500.01.T04	HMA domain-containing protein
maker-7-augustus-gene-282.41-mRNA-1	Japonica	NA			OsR498G0714937200.01.T01	Translation initiation factor eIF-2B subunit alpha
maker-7-augustus-gene-282.43-mRNA-1	Japonica	NA		Os07g0673100	OsR498G0714938600.01.T01	Ribosome biogenesis protein NSA
maker-7-augustus-gene-282.47-mRNA-1	Japonica	NA		Os07g0673200	OsR498G0714938800.01.T02	RING-type E3 ubiquitin transferase
maker-7-augustus-gene-282.7-mRNA-1	Japonica	NA		Os07g0671700	OsR498G0714934900.01.T01	Histone-arginine methyltransferase CARM1
maker-7-augustus-gene-283.0-mRNA-1	Japonica	NA		Os07g0673400	OsR498G0714939500.01.T01	Usp domain-containing protein
maker-7-augustus-gene-283.11-mRNA-1	Japonica	NA		Os07g0674400	OsR498G0714943300.01.T01	Phylloplanin
maker-7-augustus-gene-283.13-mRNA-1	Japonica	NA		Os07g0674500	OsR498G0714943500.01.T01	Pollen Ole e 1 allergen/extensin
maker-7-augustus-gene-283.15-mRNA-1	Japonica	NA			OsR498G0714943700.01.T01	
maker-7-augustus-gene-283.2-mRNA-1	Japonica	Japonica		Os07g0673900	OsR498G0714940500.01.T04	HIG1 domain-containing protein
maker-7-augustus-gene-283.20-mRNA-1	Japonica	NA		Os07g0673500	OsR498G0714939400.01.T02	Putative pre-mRNA splicing factor SF2
maker-7-augustus-gene-283.25-mRNA-1	Japonica	NA		Os07g0674800	OsR498G0714944400.01.T01	Ethylene-responsive transcription factor RAP2-2
maker-7-augustus-gene-283.5-mRNA-1	Japonica	NA		Os07g0674100	OsR498G0714941700.01.T01	UDP-glucuronic acid decarboxylase
maker-7-augustus-gene-283.9-mRNA-1	Japonica	NA		Os07g0674200	OsR498G0714941900.01.T01	60S ribosomal protein L22-2, putative, expressed
maker-7-augustus-gene-284.24-mRNA-1	Japonica	NA				Putative acyl-CoA dehydrogenase
maker-7-augustus-gene-284.30-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0714949300.01.T02	PEK protein kinase
maker-7-augustus-gene-284.33-mRNA-1	Japonica	Indica		Os07g0676600	OsR498G0714949700.01.T05	BHLH transcription factor
maker-7-augustus-gene-284.38-mRNA-1	Japonica	NA		Os07g0675100	OsR498G0714945200.01.T01	Pectinesterase
maker-7-augustus-gene-284.40-mRNA-1	Japonica	NA			OsR498G0714947400.01.T02	Tyrosyl-tRNA synthetase
maker-7-augustus-gene-285.0-mRNA-1	Japonica	NA		Os07g0677100	OsR498G0714950500.01.T04	Peroxidase
maker-7-augustus-gene-285.1-mRNA-1	Japonica	NA		Os07g0677200	OsR498G0714950500.01.T06	Peroxidase
maker-7-augustus-gene-285.4-mRNA-1	Japonica	NA		Os07g0677900	OsR498G0714952500.01.T01	Myosin heavy chain-like
maker-7-augustus-gene-285.6-mRNA-1	Japonica	NA		Os07g0677600	OsR498G0714951400.01.T01	Peroxidase
maker-7-augustus-gene-286.29-mRNA-1	Japonica	NA		Os07g0679300	OsR498G0714959300.01.T05	Alpha-galactosidase
maker-7-augustus-gene-286.32-mRNA-1	Japonica	NA				PAP/OAS1 substrate-binding domain superfamily
maker-7-augustus-gene-286.35-mRNA-1	Japonica	Indica		Os07g0679500	OsR498G0714960400.01.T01	BZIP-type transcription factor (Fragment)
maker-7-augustus-gene-286.38-mRNA-1	Japonica	NA		Os07g0679700	OsR498G0714960800.01.T01	B3 domain-containing transcription repressor like
maker-7-augustus-gene-286.42-mRNA-1	Japonica	NA		Os07g0680000	OsR498G0714961800.01.T02	Vacuolar-sorting receptor 1
maker-7-augustus-gene-286.48-mRNA-1	Japonica	Indica		Os07g0680300	OsR498G0714962600.01.T01	Ubiquinol-cytochrome c reductase complex 6.7 kDa protein-like
maker-7-augustus-gene-286.51-mRNA-1	Japonica	NA		Os07g0680400		WRKY transcription factor 47
maker-7-augustus-gene-286.53-mRNA-1	Japonica	NA		Os07g0680500		E3 ubiquitin-protein ligase SHPRH
maker-7-augustus-gene-286.55-mRNA-1	Japonica	NA			OsR498G0714963200.01.T04	Zinc ion binding
maker-7-augustus-gene-286.59-mRNA-1	Japonica	NA		Os07g0680600	OsR498G0714963400.01.T02	Protein ENHANCED DISEASE RESISTANCE 4
maker-7-augustus-gene-287.22-mRNA-1	Japonica	Indica	Kinase	Os07g0680900	OsR498G0714963900.01.T06	Non-specific serine/threonine protein kinase
maker-7-augustus-gene-287.25-mRNA-1	Japonica	NA		Os07g0681200	OsR498G0714965700.01.T01	Acid phosphatase
maker-7-augustus-gene-287.27-mRNA-1	Japonica	NA		Os07g0681300	OsR498G0714966100.01.T01	Secologanin synthase
maker-7-augustus-gene-287.29-mRNA-1	Japonica	NA		Os07g0681500	OsR498G0714967500.01.T01	Mediator of RNA polymerase II transcription subunit 33A
maker-7-augustus-gene-287.36-mRNA-1	Japonica	NA		Os07g0681600	OsR498G0714966700.01.T03	ATP-dependent DNA helicase
maker-7-augustus-gene-287.40-mRNA-1	Japonica	NA		Os07g0681700	OsR498G0714966900.01.T03	Hexosyltransferase
maker-7-augustus-gene-287.43-mRNA-1	Japonica	NA		Os07g0682000	OsR498G0714967300.01.T03	Putative galacturonosyltransferase 7
maker-7-augustus-gene-287.45-mRNA-1	Japonica	NA		Os07g0681000	OsR498G0714964200.01.T02	Eukaryotic translation initiation factor 2 subunit beta
maker-7-augustus-gene-287.50-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os07g0681100	OsR498G0714964600.01.T02	Putative inactive receptor kinase isoform A
maker-7-augustus-gene-287.53-mRNA-1	Japonica	NA		Os07g0682400	OsR498G0714968400.01.T01	Zinc finger CCCH domain-containing protein 53

maker-7-augustus-gene-288.0-mRNA-1	Japonica	NA		Os07g0682800	OsR498G0714973300.01.T01	Apyrase
maker-7-augustus-gene-288.10-mRNA-1	Japonica	NA		Os07g0684000	OsR498G0714976700.01.T01	Stress responsive protein 1
maker-7-augustus-gene-288.26-mRNA-1	Japonica	NA		Os07g0682700	OsR498G0714973000.01.T02	
maker-7-augustus-gene-288.32-mRNA-1	Japonica	NA		Os07g0684100	OsR498G0714977000.01.T01	Thioredoxin-like 1-1 chloroplastic
maker-7-augustus-gene-288.36-mRNA-1	Japonica	NA				
maker-7-augustus-gene-288.39-mRNA-1	Japonica	NA		Os07g0684800	OsR498G0714978600.01.T02	NAC transcription factor
maker-7-augustus-gene-288.5-mRNA-1	Japonica	NA			OsR498G0714974500.01.T01	NAC domain transcription factor
maker-7-augustus-gene-288.8-mRNA-1	Japonica	NA			OsR498G0714974900.01.T01	Stress responsive protein
maker-7-augustus-gene-288.9-mRNA-1	Japonica	NA		Os07g0683900	OsR498G0714976300.01.T03	Hydroxyproline-rich glycoprotein family protein
maker-7-augustus-gene-289.0-mRNA-1	Japonica	NA		Os07g0684900	OsR498G0714981500.01.T01	Homeobox domain-containing protein (Fragment)
maker-7-augustus-gene-289.12-mRNA-1	Japonica	NA		Os07g0685000	OsR498G0714981800.01.T01	Dof-type domain-containing protein
maker-7-augustus-gene-289.13-mRNA-1	Japonica	NA		Os07g0685300	OsR498G0714982400.01.T01	HTH myb-type domain-containing protein
maker-7-augustus-gene-289.16-mRNA-1	Japonica	NA			OsR498G0714982600.01.T01	Nuclear pore complex protein NUP214
maker-7-augustus-gene-289.3-mRNA-1	Japonica	NA		Os07g0685500	OsR498G0714983100.01.T01	probable lysophospholipase BODYGUARD 4
maker-7-augustus-gene-289.5-mRNA-1	Japonica	Japonica		Os07g0685800	OsR498G0714984700.01.T01	Short-chain dehydrogenase/reductase 2
maker-7-augustus-gene-289.9-mRNA-1	Japonica	NA		Os07g0686100	OsR498G0714987100.01.T02	ABSCISIC ACID-INSENSITIVE 5-like protein 2 isoform D
maker-7-augustus-gene-29.0-mRNA-1	Japonica	NA			OsR498G0713565900.01.T01	FBD domain-containing protein
maker-7-augustus-gene-29.13-mRNA-1	Japonica	NA		Os07g0162100	OsR498G0713568400.01.T01	3-oxo-5-alpha-steroid 4-dehydrogenase family protein, putative
maker-7-augustus-gene-29.15-mRNA-1	Japonica	NA			OsR498G0713568600.01.T01	GTD-binding domain-containing protein (Fragment)
maker-7-augustus-gene-29.17-mRNA-1	Japonica	NA			OsR498G0713572400.01.T04	FAD-linked oxidases family protein isoform 1
maker-7-augustus-gene-29.2-mRNA-1	Japonica	NA		Os07g0162300	OsR498G0713568900.01.T01	Non-specific serine/threonine protein kinase
maker-7-augustus-gene-29.21-mRNA-1	Japonica	NA			OsR498G0713572600.01.T01	FBD domain-containing protein
maker-7-augustus-gene-29.9-mRNA-1	Japonica	NA		Os07g0161600	OsR498G0713566200.01.T08	Calcium-dependent protein kinase
maker-7-augustus-gene-290.46-mRNA-1	Japonica	NA		Os07g0686500	OsR498G0714989100.01.T01	BZIP transcription factor bZIP114
maker-7-augustus-gene-290.48-mRNA-1	Japonica	Indica		Os07g0686700	OsR498G0714990900.01.T01	RAD50-interacting protein 1
maker-7-augustus-gene-290.51-mRNA-1	Japonica	Indica	Kinase	Os07g0686800	OsR498G0714991100.01.T01	Putative serine/threonine-protein kinase PBL18
maker-7-augustus-gene-290.54-mRNA-1	Japonica	NA			OsR498G0714991300.01.T01	Non-reducing end alpha-L-arabinofuranosidase
maker-7-augustus-gene-290.60-mRNA-1	Japonica	Indica	Kinase-TM	Os03g0319400	OsR498G0714991900.01.T01	Non-specific serine/threonine protein kinase
maker-7-augustus-gene-290.65-mRNA-1	Japonica	NA		Os07g0687500	OsR498G0714992900.01.T01	Rhodanese-like/PpiC domain-containing protein 12, chloroplastic
maker-7-augustus-gene-290.71-mRNA-1	Japonica	NA		Os07g0687700	OsR498G0714993500.01.T06	TGA-type basic leucine zipper protein
maker-7-augustus-gene-290.74-mRNA-1	Japonica	NA		Os07g0688200	OsR498G0714995900.01.T01	Cold-and ABA-responsive R2R3 MYB transcription factor 5
maker-7-augustus-gene-290.76-mRNA-1	Japonica	NA		Os07g0686400	OsR498G0714988600.01.T01	Centromere protein-like
maker-7-augustus-gene-290.79-mRNA-1	Japonica	NA		Os07g0687100	OsR498G0714992200.01.T01	Phospholipase/carboxyhydrolase
maker-7-augustus-gene-290.84-mRNA-1	Japonica	NA		Os07g0687200	OsR498G0714992400.01.T01	Calmodulin
maker-7-augustus-gene-290.86-mRNA-1	Japonica	NA		Os07g0687300	OsR498G0714992600.01.T01	AMPKBI domain-containing protein (Fragment)
maker-7-augustus-gene-290.88-mRNA-1	Japonica	NA		Os07g0687900	OsR498G0714994000.01.T01	Hexosyltransferase
maker-7-augustus-gene-290.90-mRNA-1	Japonica	Indica		Os07g0688300	OsR498G0714996200.01.T07	Importin subunit alpha
maker-7-augustus-gene-291.1-mRNA-1	Japonica	Indica		Os07g0688500	OsR498G0714996300.01.T01	Polynucleotide adenyllyltransferase
maker-7-augustus-gene-291.11-mRNA-1	Japonica	NA		Os07g0689800	OsR498G0715003300.01.T02	J domain-containing protein
maker-7-augustus-gene-291.13-mRNA-1	Japonica	NA				Aldedh domain-containing protein (Fragment)
maker-7-augustus-gene-291.22-mRNA-1	Japonica	Japonica		Os07g0689150	OsR498G0714997800.01.T04	Aldedh domain-containing protein
maker-7-augustus-gene-291.31-mRNA-1	Japonica	Indica		Os07g0689300	OsR498G0714999400.01.T01	Lon protease homolog, mitochondrial
maker-7-augustus-gene-291.36-mRNA-1	Japonica	NA		Os07g0689900	OsR498G0715003800.01.T02	BRCT domain-containing protein (Fragment)
maker-7-augustus-gene-291.4-mRNA-1	Japonica	NA		Os07g0689400	OsR498G0714999700.01.T03	probable glutamyl endopeptidase, chloroplastic
maker-7-augustus-gene-292.30-mRNA-1	Japonica	NA		Os07g0690400	OsR498G0715004500.01.T01	PPM-type phosphatase domain-containing protein
maker-7-augustus-gene-292.34-mRNA-1	Japonica	NA			OsR498G0715004900.01.T01	BRCT domain-containing protein
maker-7-augustus-gene-292.42-mRNA-1	Japonica	Indica		Os07g0691700	OsR498G0715009300.01.T02	
maker-7-augustus-gene-292.47-mRNA-1	Japonica	Indica		Os07g0690300	OsR498G0715004000.01.T02	RING/U-box protein, putative isoform 2
maker-7-augustus-gene-292.49-mRNA-1	Japonica	NA		Os07g0691800	OsR498G0715009600.01.T01	26S proteasome regulatory subunit 4 A
maker-7-augustus-gene-293.10-mRNA-1	Japonica	NA			OsR498G0715013100.01.T02	Importin-11 isoform A
maker-7-augustus-gene-293.15-mRNA-1	Japonica	NA		Os07g0693500	OsR498G0715013300.01.T01	AMP deaminase
maker-7-augustus-gene-293.2-mRNA-1	Japonica	NA			OsR498G0715011500.01.T02	SNF2 domain-containing protein CLASSY 1
maker-7-augustus-gene-293.20-mRNA-1	Japonica	NA				V-SNARE coiled-coil homology domain-containing protein
maker-7-augustus-gene-293.26-mRNA-1	Japonica	NA		Os07g0693800	OsR498G0715015100.01.T01	Temperature-sensitive omega-3 fatty acid desaturase, chloroplastic
maker-7-augustus-gene-293.28-mRNA-1	Japonica	NA		Os07g0693900	OsR498G0715015300.01.T03	HEAT repeat-containing protein
maker-7-augustus-gene-293.35-mRNA-1	Japonica	NA		Os07g0692200	OsR498G0715011000.01.T01	AAA domain-containing protein
maker-7-augustus-gene-293.37-mRNA-1	Japonica	NA		Os07g0692800	OsR498G0715011800.01.T01	Eukaryotic translation initiation factor 2 subunit alpha like
maker-7-augustus-gene-293.39-mRNA-1	Japonica	Japonica		Os07g0693600	OsR498G0715013600.01.T01	Protein trichome birefringence-like 28
maker-7-augustus-gene-293.42-mRNA-1	Japonica	NA			OsR498G0715014400.01.T01	PHD domain-containing protein/Agnet domain-containing protein
maker-7-augustus-gene-293.44-mRNA-1	Japonica	NA		Os07g0694000	OsR498G0715015800.01.T02	Phosphoinositide phospholipase C
maker-7-augustus-gene-293.6-mRNA-1	Japonica	NA	Kinase-TM	Os07g0693000	OsR498G0715012100.01.T01	Putative inactive receptor-like protein kinase

maker-7-augustus-gene-294.0-mRNA-1	Japonica	NA		Os07g0695100	OsR498G0715020100.01.T04	Pseudo-response regulator 37 splice variant c
maker-7-augustus-gene-294.14-mRNA-1	Japonica	NA		Os07g0695900	OsR498G0715021700.01.T01	HTH myb-type domain-containing protein
maker-7-augustus-gene-294.17-mRNA-1	Japonica	NA			OsR498G0715016200.01.T01	
maker-7-augustus-gene-294.18-mRNA-1	Japonica	NA				Glycerophosphodiester phosphodiesterase
maker-7-augustus-gene-294.23-mRNA-1	Japonica	NA		Os07g0694400	OsR498G0715016800.01.T01	Glycosyltransferases
maker-7-augustus-gene-294.34-mRNA-1	Japonica	NA		Os07g0694800	OsR498G0715019000.01.T04	DUF155 domain-containing protein (Fragment)
maker-7-augustus-gene-294.38-mRNA-1	Japonica	NA		Os07g0695400	OsR498G0715020600.01.T01	NAB domain-containing protein (Fragment)
maker-7-augustus-gene-294.6-mRNA-1	Japonica	Japonica		Os07g0695700	OsR498G0715021300.01.T05	Peptide transporter family 1
maker-7-augustus-gene-294.9-mRNA-1	Japonica	NA		Os07g0695800	OsR498G0715021500.01.T01	2-oxoglutarate dehydrogenase, mitochondrial-like
maker-7-augustus-gene-30.28-mRNA-1	Japonica	NA			OsR498G0713572900.01.T01	Leucyl-tRNA synthetase
maker-7-augustus-gene-30.43-mRNA-1	Japonica	NA		Os07g0164200	OsR498G0713575100.01.T01	Chlororespiratory reduction 42
maker-7-augustus-gene-30.45-mRNA-1	Japonica	NA			OsR498G0713575700.01.T03	Alpha-1,3-glucosyltransferase
maker-7-augustus-gene-30.49-mRNA-1	Japonica	NA		Os07g0164600	OsR498G0713576300.01.T01	Mediator of RNA polymerase II transcription subunit 31
maker-7-augustus-gene-30.52-mRNA-1	Japonica	Indica		Os07g0165000	OsR498G0713578300.01.T01	Prolyl-tRNA synthetase
maker-7-augustus-gene-30.58-mRNA-1	Japonica	Japonica		Os07g0163900	OsR498G0713574400.01.T01	Selenium-binding protein-like protein
maker-7-augustus-gene-30.60-mRNA-1	Japonica	NA			OsR498G0713574600.01.T01	Small RNA methyltransferase
maker-7-augustus-gene-30.63-mRNA-1	Japonica	NA		Os07g0164100	OsR498G0713574800.01.T01	Histone deacetylase
maker-7-augustus-gene-30.67-mRNA-1	Japonica	NA		Os07g0164300	OsR498G0713575400.01.T01	t-SNARE coiled-coil homology domain-containing protein (Fragment)
maker-7-augustus-gene-30.74-mRNA-1	Japonica	NA		Os07g0164700		ATP-dependent DNA helicase
maker-7-augustus-gene-30.77-mRNA-1	Japonica	NA			OsR498G0713577800.01.T03	Indole-3-acetaldehyde oxidase
maker-7-augustus-gene-31.0-mRNA-1	Japonica	NA				
maker-7-augustus-gene-31.11-mRNA-1	Japonica	NA		Os07g0165700	OsR498G0713581400.01.T02	
maker-7-augustus-gene-31.13-mRNA-1	Japonica	NA		Os07g0166100	OsR498G0713582600.01.T01	MACPF domain-containing protein isoform A
maker-7-augustus-gene-31.2-mRNA-1	Japonica	Japonica		Os07g0165500	OsR498G0203722500.01.T01	Cytokinin inducible protein-like
maker-7-augustus-gene-31.21-mRNA-1	Japonica	NA			OsR498G0713583000.01.T01	Helicase swr-1
maker-7-augustus-gene-31.5-mRNA-1	Japonica	NA				Tetratricopeptide repeat (TPR)-containing protein
maker-7-augustus-gene-31.7-mRNA-1	Japonica	Indica		Os07g0165200	OsR498G0713578800.01.T01	Inhibitor of Bruton tyrosine kinase
maker-7-augustus-gene-32.32-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os07g0166700	OsR498G0713584300.01.T02	Leucine-rich repeat transmembrane protein kinase, putative, expressed
maker-7-augustus-gene-32.36-mRNA-1	Japonica	NA		Os07g0167000	OsR498G0713585100.01.T01	Eukaryotic translation initiation factor 3 subunit E
maker-7-augustus-gene-32.40-mRNA-1	Japonica	Indica		Os07g0167100	OsR498G0713585300.01.T01	Glutamine-dependent NAD(+) synthetase
maker-7-augustus-gene-32.46-mRNA-1	Japonica	NA		Os07g0167300	OsR498G0713585900.01.T02	
maker-7-augustus-gene-32.52-mRNA-1	Japonica	NA		Os07g0166800	OsR498G0713584800.01.T01	Ubiquitin-conjugating enzyme
maker-7-augustus-gene-32.57-mRNA-1	Japonica	NA		Os07g0167200	OsR498G0713585800.01.T01	BTB/POZ and MATH domain-containing protein 4
maker-7-augustus-gene-32.60-mRNA-1	Japonica	NA		Os07g0167500	OsR498G0713586200.01.T04	
maker-7-augustus-gene-36.44-mRNA-1	Japonica	NA		Os07g0178100	OsR498G0713624300.01.T02	Ethylene-overproduction protein 1
maker-7-augustus-gene-37.32-mRNA-1	Japonica	NA		Os07g0178600	OsR498G0713625500.01.T01	Heat shock transcription factor
maker-7-augustus-gene-37.34-mRNA-1	Japonica	NA		Os07g0178700	OsR498G0713625700.01.T01	Low molecular mass early light-inducible protein HV90, chloroplastic
maker-7-augustus-gene-37.36-mRNA-1	Japonica	NA		Os07g0178800	OsR498G0713625900.01.T01	High molecular mass early light-inducible protein HV58, chloroplastic
maker-7-augustus-gene-37.38-mRNA-1	Japonica	NA			OsR498G0713627100.01.T02	Peptidyl-prolyl cis-trans isomerase
maker-7-augustus-gene-37.43-mRNA-1	Japonica	NA		Os07g0179600		Neprosin domain-containing protein
maker-7-augustus-gene-37.46-mRNA-1	Japonica	Indica		Os01g0837500	OsR498G0713626200.01.T02	DNA helicase
maker-7-augustus-gene-37.54-mRNA-1	Japonica	Indica		Os12g0615400	OsR498G0713627400.01.T01	2-methyl-6-phytyl-1,4-hydroquinone methyltransferase, chloroplastic
maker-7-augustus-gene-37.56-mRNA-1	Japonica	NA		Os07g0179400	OsR498G0713627600.01.T01	Cytidyltransferase-like domain
maker-7-augustus-gene-37.60-mRNA-1	Japonica	Indica		Os07g0179500	OsR498G0713628000.01.T05	ENT domain-containing protein (Fragment)
maker-7-augustus-gene-38.0-mRNA-1	Japonica	Indica		Os11g0135900	OsR498G0713631300.01.T04	MFS domain-containing protein
maker-7-augustus-gene-38.15-mRNA-1	Japonica	Indica		Os07g0181500	OsR498G0713633300.01.T04	Plant-specific domain TIGR01615 family protein
maker-7-augustus-gene-38.18-mRNA-1	Japonica	NA		Os07g0181700	OsR498G0713633700.01.T01	guanylate-binding protein 5 isoform X1
maker-7-augustus-gene-38.23-mRNA-1	Japonica	Japonica		Os07g0180800	OsR498G0713631600.01.T02	RNA-binding protein 47-like
maker-7-augustus-gene-38.30-mRNA-1	Japonica	NA			OsR498G0713634000.01.T01	Sporulation-specific 71
maker-7-augustus-gene-38.32-mRNA-1	Japonica	NA		Os07g0182000		Basic leucine zipper 25
maker-7-augustus-gene-38.8-mRNA-1	Japonica	NA		Os07g0180900	OsR498G0713631700.01.T01	Ribosomal protein L4/L1 family
maker-7-augustus-gene-39.4-mRNA-1	Japonica	NA		Os07g0182100	OsR498G0713634400.01.T01	Tryptophan synthase
maker-7-augustus-gene-39.9-mRNA-1	Japonica	NA		Os07g0182400	OsR498G0713635400.01.T01	Auxin-responsive protein (Fragment)
maker-7-augustus-gene-40.44-mRNA-1	Japonica	NA			OsR498G0713637100.01.T03	DNA (cytosine-5)-methyltransferase
maker-7-augustus-gene-40.47-mRNA-1	Japonica	NA		Os07g0183200	OsR498G0713638100.01.T01	Auxin response factor
maker-7-augustus-gene-40.48-mRNA-1	Japonica	NA			OsR498G0713638300.01.T01	Auxin response factor
maker-7-augustus-gene-40.55-mRNA-1	Japonica	NA			OsR498G0713640100.01.T01	Auxin response factor
maker-7-augustus-gene-40.57-mRNA-1	Japonica	NA			OsR498G0713641900.01.T06	
maker-7-augustus-gene-40.59-mRNA-1	Japonica	NA		Os07g0184633		
maker-7-augustus-gene-40.61-mRNA-1	Japonica	NA		Os07g0184800	OsR498G0713643500.01.T01	H15 domain-containing protein
maker-7-augustus-gene-40.64-mRNA-1	Japonica	NA		Os07g0184900	OsR498G0713643700.01.T04	ATP-dependent DNA helicase 2 subunit

maker-7-augustus-gene-40.65-mRNA-1	Japonica	NA		Os07g0184900	OsR498G0713643700.01.T05	ATP-dependent DNA helicase 2 subunit KU70
maker-7-augustus-gene-40.75-mRNA-1	Japonica	NA			OsR498G0713638000.01.T01	Auxin response factor
maker-7-augustus-gene-40.77-mRNA-1	Japonica	Indica		Os03g0798600	OsR498G0713641800.01.T01	Ribosomal protein S19/S15
maker-7-augustus-gene-40.80-mRNA-1	Japonica	NA	Kinase	Os07g0185000	OsR498G0713644600.01.T01	Putative serine/threonine-protein kinase WNK9 (Fragment)
maker-7-augustus-gene-41.10-mRNA-1	Japonica	Indica		Os07g0185200	OsR498G0713645200.01.T01	START domain
maker-7-augustus-gene-41.2-mRNA-1	Japonica	NA		Os07g0185700	OsR498G0713648100.01.T01	HAUS-augin3 domain-containing protein (Fragment)
maker-7-augustus-gene-41.7-mRNA-1	Japonica	NA		Os07g0185800	OsR498G0713648500.01.T03	Associate of C-myc
maker-7-augustus-gene-42.24-mRNA-1	Japonica	Japonica		Os07g0186400	OsR498G0713651900.01.T05	Chromatin remodeling protein EBS
maker-7-augustus-gene-42.29-mRNA-1	Japonica	NA			OsR498G0713653700.01.T01	D-2-hydroxyglutarate dehydrogenase mitochondrial
maker-7-augustus-gene-42.35-mRNA-1	Japonica	NA		Os07g0187700	OsR498G0713655300.01.T01	
maker-7-augustus-gene-42.40-mRNA-1	Japonica	NA		Os07g0187300	OsR498G0713654000.01.T01	Glycine-rich RNA-binding protein RZ1C
maker-7-augustus-gene-42.45-mRNA-1	Japonica	NA	NBS-TM		OsR498G0713654200.01.T01	AAA domain-containing protein
maker-7-augustus-gene-43.44-mRNA-1	Japonica	NA		Os07g0188233	OsR498G0713658300.01.T03	Peptidylprolyl isomerase
maker-7-augustus-gene-43.48-mRNA-1	Japonica	NA		Os07g0188266	OsR498G0713658300.01.T01	Peptidylprolyl isomerase
maker-7-augustus-gene-43.51-mRNA-1	Japonica	NA		Os07g0188700	OsR498G0713658500.01.T01	Exostosin domain-containing protein
maker-7-augustus-gene-43.53-mRNA-1	Japonica	NA		Os07g0188800	OsR498G0713658700.01.T02	Methylmalonate-semialdehyde dehydrogenase (CoA acylating)
maker-7-augustus-gene-43.59-mRNA-1	Japonica	NA		Os07g0189700	OsR498G0713661100.01.T02	RING/U-box superfamily protein isoform 1
maker-7-augustus-gene-43.61-mRNA-1	Japonica	NA		Os07g0188000	OsR498G0713657800.01.T01	Eukaryotic translation initiation factor 2C
maker-7-augustus-gene-43.64-mRNA-1	Japonica	NA			OsR498G0713660200.01.T01	rRNA N-glycosidase
maker-7-augustus-gene-43.66-mRNA-1	Japonica	NA		Os07g0189800	OsR498G0713661400.01.T01	Rhomboid domain-containing protein
maker-7-augustus-gene-44.29-mRNA-1	Japonica	NA		Os07g0190000	OsR498G0713662100.01.T01	1-deoxy-D-xylulose-5-phosphate synthase
maker-7-augustus-gene-46.7-mRNA-1	Japonica	NA		Os07g0193200		protein ACCELERATED CELL DEATH 6-like
maker-7-augustus-gene-47.46-mRNA-1	Japonica	NA		Os07g0195400	OsR498G0713687600.01.T01	Phosphoacetylglucosamine mutase
maker-7-augustus-gene-48.0-mRNA-1	Japonica	NA		Os07g0197100	OsR498G0713693700.01.T01	Phosphotransferase
maker-7-augustus-gene-48.2-mRNA-1	Japonica	NA			OsR498G0713690400.01.T03	
maker-7-augustus-gene-48.4-mRNA-1	Japonica	NA		Os07g0196700		NAC domain-containing protein
maker-7-augustus-gene-48.6-mRNA-1	Japonica	NA		Os07g0197000	OsR498G0713693400.01.T01	UDPGT domain-containing protein
maker-7-augustus-gene-49.0-mRNA-1	Japonica	NA		Os07g0198300	OsR498G0713697500.01.T01	AAI domain-containing protein
maker-7-augustus-gene-49.2-mRNA-1	Japonica	NA			OsR498G0713699200.01.T05	
maker-7-augustus-gene-5.49-mRNA-1	Japonica	Indica		Os03g0764000	OsR498G0713410800.01.T02	probable N-acetyltransferase HLS1
maker-7-augustus-gene-5.51-mRNA-1	Japonica	NA			OsR498G0713411800.01.T01	Fusarium resistance protein I2C-5-like
maker-7-augustus-gene-50.0-mRNA-1	Japonica	NA			OsR498G0713699200.01.T05	
maker-7-augustus-gene-50.18-mRNA-1	Japonica	NA		Os07g0201200	OsR498G0713703700.01.T01	Glycosyltransferase
maker-7-augustus-gene-50.20-mRNA-1	Japonica	NA				
maker-7-augustus-gene-50.21-mRNA-1	Japonica	NA			OsR498G0713701100.01.T01	
maker-7-augustus-gene-50.24-mRNA-1	Japonica	NA		Os07g0200000	OsR498G0713699500.01.T01	Exocyst complex component 8 (Fragment)
maker-7-augustus-gene-50.6-mRNA-1	Japonica	NA		Os07g0200700	OsR498G0713702900.01.T08	Squalene synthase
maker-7-augustus-gene-51.42-mRNA-1	Japonica	Indica		Os07g0201500	OsR498G0713704700.01.T01	Glycosyltransferase
maker-7-augustus-gene-51.45-mRNA-1	Japonica	Indica		Os07g0201500	OsR498G0713706100.01.T01	Glycosyltransferase
maker-7-augustus-gene-51.47-mRNA-1	Japonica	Japonica		Os07g0202900	OsR498G0713708100.01.T04	28S ribosomal protein S29 mitochondrial
maker-7-augustus-gene-51.50-mRNA-1	Japonica	NA			OsR498G0713709500.01.T02	rRNA biogenesis protein rrp5
maker-7-augustus-gene-51.56-mRNA-1	Japonica	NA		Os07g0202100	OsR498G0713707000.01.T01	Dead box ATP-dependent RNA helicase, putative isoform 1
maker-7-augustus-gene-51.61-mRNA-1	Japonica	NA		Os07g0202450	OsR498G0713707600.01.T01	Mitosis protein YLS8
maker-7-augustus-gene-52.0-mRNA-1	Japonica	Japonica	Kinase-TM	Os07g0203900	OsR498G0713710700.01.T01	Proto-oncogene tyrosine-protein kinase YRK
maker-7-augustus-gene-52.11-mRNA-1	Japonica	NA			OsR498G0713714100.01.T01	Adenine phosphoribosyltransferase 1, chloroplastic-like protein
maker-7-augustus-gene-52.13-mRNA-1	Japonica	NA		Os07g0205000	OsR498G0713714100.01.T04	Cytochrome b-c1 complex subunit 7
maker-7-augustus-gene-52.16-mRNA-1	Japonica	Indica		Os06g0649500	OsR498G0713714700.01.T05	Transcription initiation factor TFIID subunit like
maker-7-augustus-gene-52.23-mRNA-1	Japonica	NA			OsR498G0713710600.01.T03	Cleavage and polyadenylation specificity factor (CPSF) A subunit protein
maker-7-augustus-gene-52.3-mRNA-1	Japonica	Japonica		Os07g0204100	OsR498G0713711700.01.T01	Thioredoxin domain-containing protein
maker-7-augustus-gene-52.5-mRNA-1	Japonica	NA		Os07g0204900	OsR498G0713713900.01.T01	Zeta-carotene desaturase
maker-7-augustus-gene-53.20-mRNA-1	Japonica	NA		Os07g0205500	OsR498G0713716300.01.T01	NEP-interacting protein 1
maker-7-augustus-gene-53.27-mRNA-1	Japonica	NA		Os07g0205700	OsR498G0713716800.01.T01	Metallopeptidase M24 family protein isoform 1
maker-7-augustus-gene-53.32-mRNA-1	Japonica	NA		Os07g0205900	OsR498G0713717000.01.T04	ARM repeat superfamily protein
maker-7-augustus-gene-53.36-mRNA-1	Japonica	NA		Os07g0206600	OsR498G0713721400.01.T01	Putative hexose transporter
maker-7-augustus-gene-53.38-mRNA-1	Japonica	Indica		Os07g0206700	OsR498G0713721600.01.T03	Methyltransferase
maker-7-augustus-gene-55.50-mRNA-1	Japonica	NA		Os07g0209100	OsR498G0713734600.01.T01	Galactinol-raffinose galactosyltransferase
maker-7-augustus-gene-55.56-mRNA-1	Japonica	NA			OsR498G0713736200.01.T01	
maker-7-augustus-gene-6.0-mRNA-1	Japonica	Japonica		Os07g0118300	OsR498G0713415700.01.T01	Golgi apparatus membrane protein TVP
maker-7-augustus-gene-6.11-mRNA-1	Japonica	Indica		Os07g0117400	OsR498G0713431000.01.T01	Fusarium resistance protein I2C-5-like
maker-7-augustus-gene-6.14-mRNA-1	Japonica	NA	Kinase-TM	Os07g0119000	OsR498G0713419000.01.T01	Mitogen-activated protein kinase kinase kinase YODA
maker-7-augustus-gene-6.5-mRNA-1	Japonica	Indica		Os07g0118800	OsR498G0713418300.01.T01	FBD domain-containing protein (Fragment)

maker-7-augustus-gene-6.8-mRNA-1	Japonica	Japonica		Os07g0118900	OsR498G0713418700.01.T01	FBD domain-containing protein
maker-7-augustus-gene-6.9-mRNA-1	Japonica	Japonica		Os07g0117000	OsR498G0713430800.01.T01	Fusarium resistance protein I2C-5-like
maker-7-augustus-gene-63.19-mRNA-1	Japonica	NA		Os07g0222200		DUF4220 domain-containing protein (Fragment)
maker-7-augustus-gene-63.21-mRNA-1	Japonica	NA		Os07g0222300	OsR498G0713790800.01.T01	Eukaryotic translation initiation factor 3 subunit E
maker-7-augustus-gene-64.0-mRNA-1	Japonica	Indica		Os07g0222700	OsR498G0713792500.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-7-augustus-gene-64.11-mRNA-1	Japonica	Indica		Os07g0223400	OsR498G0713793300.01.T03	ADP-ribosylation factor A1F
maker-7-augustus-gene-64.16-mRNA-1	Japonica	Indica		Os07g0223400	OsR498G0713793700.01.T01	ADP-ribosylation factor A1F
maker-7-augustus-gene-64.25-mRNA-1	Japonica	NA		Os01g0855400	OsR498G0102361100.01.T01	Octamer-binding transcription factor
maker-7-augustus-gene-64.4-mRNA-1	Japonica	NA		Os07g0222800	OsR498G0713792700.01.T01	Acyl carrier protein (Fragment)
maker-7-augustus-gene-64.6-mRNA-1	Japonica	NA			OsR498G0713792900.01.T01	KHG/KDPG aldolase-like
maker-7-augustus-gene-65.0-mRNA-1	Japonica	NA			OsR498G0713805100.01.T05	Tryptophan/tyrosine permease
maker-7-augustus-gene-67.0-mRNA-1	Japonica	NA		Os07g0227400	OsR498G0713819700.01.T01	KH domain-containing protein SPIN1
maker-7-augustus-gene-67.4-mRNA-1	Japonica	Japonica		Os07g0227700	OsR498G0713821100.01.T02	CUE domain-containing 5
maker-7-augustus-gene-67.9-mRNA-1	Japonica	NA			OsR498G0713821600.01.T02	ABC1 domain-containing protein (Fragment)
maker-7-augustus-gene-68.28-mRNA-1	Japonica	Japonica		Os07g0228900	OsR498G0713823200.01.T01	FBD domain-containing protein
maker-7-augustus-gene-68.29-mRNA-1	Japonica	NA		Os07g0229100	OsR498G0713823200.01.T01	F-box domain-containing protein
maker-7-augustus-gene-68.31-mRNA-1	Japonica	NA		Os07g0229200	OsR498G0713823800.01.T01	F-box domain-containing protein (Fragment)
maker-7-augustus-gene-68.33-mRNA-1	Japonica	NA		Os07g0229700	OsR498G0713824600.01.T01	Transcription elongation factor TFIIS
maker-7-augustus-gene-68.35-mRNA-1	Japonica	Indica		Os07g0229800	OsR498G0713824800.01.T03	Glycerol-3-phosphate dehydrogenase [NAD(+)], chloroplastic
maker-7-augustus-gene-68.42-mRNA-1	Japonica	Japonica		Os07g0230500	OsR498G0713825800.01.T01	Structure-specific endonuclease subunit SLX1 homolog
maker-7-augustus-gene-69.0-mRNA-1	Japonica	Indica		Os07g0231400	OsR498G0713827300.01.T01	Lysine histidine transporter 1
maker-7-augustus-gene-69.11-mRNA-1	Japonica	NA		Os07g0231900		
maker-7-augustus-gene-69.3-mRNA-1	Japonica	NA		Os07g0231800	OsR498G0713830700.01.T03	Neuronal PAS domain-containing protein 4
maker-7-augustus-gene-69.6-mRNA-1	Japonica	NA		Os07g0232200	OsR498G0713831300.01.T02	Cytochrome b5 domain-containing protein RLF
maker-7-augustus-gene-69.9-mRNA-1	Japonica	NA		Os07g0230700	OsR498G0713826600.01.T01	
maker-7-augustus-gene-7.0-mRNA-1	Japonica	Japonica		Os07g0119100	OsR498G0713419300.01.T01	
maker-7-augustus-gene-7.10-mRNA-1	Japonica	NA				NB-ARC domain-containing protein (Fragment)
maker-7-augustus-gene-7.11-mRNA-1	Japonica	Indica		Os07g0120400	OsR498G0713425000.01.T01	F-box domain-containing protein (Fragment)
maker-7-augustus-gene-7.12-mRNA-1	Japonica	Japonica		Os07g0120400	OsR498G0713425200.01.T03	F-box domain-containing protein (Fragment)
maker-7-augustus-gene-7.3-mRNA-1	Japonica	NA		Os07g0119300	OsR498G0713421700.01.T01	HTH myb-type domain-containing protein
maker-7-augustus-gene-7.39-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os07g0121200	OsR498G0713427200.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-7-augustus-gene-7.6-mRNA-1	Japonica	NA		Os07g0119400	OsR498G0713422500.01.T01	SKU5 similar 17 isoform 1
maker-7-augustus-gene-7.8-mRNA-1	Japonica	NA				
maker-7-augustus-gene-70.33-mRNA-1	Japonica	Indica	Kinase-TM	Os07g0534500	OsR498G0713832100.01.T01	Cysteine-rich receptor-like protein kinase 29
maker-7-augustus-gene-70.35-mRNA-1	Japonica	NA			OsR498G0713833100.01.T01	ZIP zinc/iron transport family protein
maker-7-augustus-gene-70.43-mRNA-1	Japonica	NA		Os07g0232900	OsR498G0713834000.01.T01	Heavy metal transporter 3
maker-7-augustus-gene-70.46-mRNA-1	Japonica	NA		Os07g0233300	OsR498G0713834800.01.T02	Alfin-like transcription factor
maker-7-augustus-gene-71.0-mRNA-1	Japonica	NA		Os07g0235800	OsR498G0713843700.01.T07	Spelt factor protein
maker-7-augustus-gene-71.5-mRNA-1	Japonica	NA			OsR498G0713839300.01.T01	
maker-7-augustus-gene-72.37-mRNA-1	Japonica	Indica		Os07g0236800	OsR498G0713849700.01.T03	Vacuolar protein sorting-associated protein 1
maker-7-augustus-gene-72.42-mRNA-1	Japonica	NA		Os07g0237100	OsR498G0713850000.01.T03	THO complex subunit 4
maker-7-augustus-gene-73.0-mRNA-1	Japonica	Japonica		Os07g0238700	OsR498G0713854700.01.T03	5'-3' exoribonuclease
maker-7-augustus-gene-73.3-mRNA-1	Japonica	Indica		Os12g0106900	OsR498G0713855000.01.T01	Kinesin-like protein KIN-UA
maker-7-augustus-gene-73.5-mRNA-1	Japonica	NA		Os07g0239200	OsR498G0713855600.01.T01	
maker-7-augustus-gene-73.7-mRNA-1	Japonica	NA		Os07g0239400	OsR498G0713855800.01.T01	RAB GTPase homolog 8A
maker-7-augustus-gene-74.0-mRNA-1	Japonica	NA		Os07g0240200	OsR498G0713858900.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-7-augustus-gene-74.2-mRNA-1	Japonica	NA		Os07g0240300	OsR498G0713859300.01.T01	Protein RETICULATA chloroplastic
maker-7-augustus-gene-74.8-mRNA-1	Japonica	NA		Os07g0240700	OsR498G0713861300.01.T01	DIMBOA UDP-glucosyltransferase BX8
maker-7-augustus-gene-75.44-mRNA-1	Japonica	NA		Os07g0241500	OsR498G0713863300.01.T01	DIMBOA UDP-glucosyltransferase BX9
maker-7-augustus-gene-75.46-mRNA-1	Japonica	NA		Os07g0241600	OsR498G0713863500.01.T01	DIMBOA UDP-glucosyltransferase BX9
maker-7-augustus-gene-75.47-mRNA-1	Japonica	NA		Os07g0241700	OsR498G0713864300.01.T01	DIMBOA UDP-glucosyltransferase BX8
maker-7-augustus-gene-75.49-mRNA-1	Japonica	NA				Putative ribosomal RNA apurinic site specific lyase
maker-7-augustus-gene-75.51-mRNA-1	Japonica	NA				F-box domain-containing protein
maker-7-augustus-gene-75.53-mRNA-1	Japonica	Indica		Os07g0243000	OsR498G0713868400.01.T01	DIMBOA UDP-glucosyltransferase BX8
maker-7-augustus-gene-76.52-mRNA-1	Japonica	NA		Os07g0244300	OsR498G0713871900.01.T01	Organic solute transporter Ost-alpha
maker-7-augustus-gene-76.56-mRNA-1	Japonica	Japonica		Os07g0244600	OsR498G0713873700.01.T02	Agmatine coumaroyltransferase
maker-7-augustus-gene-76.58-mRNA-1	Japonica	NA		Os07g0243100	OsR498G0713868800.01.T02	Mitochondrial import inner membrane translocase
maker-7-augustus-gene-76.61-mRNA-1	Japonica	NA		Os07g0243200	OsR498G0713869000.01.T03	Glucose-1-phosphate adenylyltransferase
maker-7-augustus-gene-76.66-mRNA-1	Japonica	NA		Os07g0244200	OsR498G0713871400.01.T01	Benzyl alcohol O-benzoyltransferase
maker-7-augustus-gene-76.68-mRNA-1	Japonica	NA		Os07g0244900	OsR498G0713874400.01.T01	
maker-7-augustus-gene-77.29-mRNA-1	Japonica	Indica		Os07g0245100	OsR498G0713875100.01.T04	tRNA-specific adenosine deaminase

maker-7-augustus-gene-77.38-mRNA-1	Japonica	NA		Os07g0245200	OsR498G0713875600.01.T04	Polygalacturonase
maker-7-augustus-gene-78.38-mRNA-1	Japonica	NA		Os07g0247100	OsR498G0713879500.01.T02	S-adenosyl-L-methionine-dependent methyltransferase
maker-7-augustus-gene-78.42-mRNA-1	Japonica	NA		Os07g0246600	OsR498G0713878200.01.T05	Protein transport protein SEC13 B
maker-7-augustus-gene-78.47-mRNA-1	Japonica	NA			OsR498G0713882600.01.T01	F-box domain-containing protein
maker-7-augustus-gene-79.40-mRNA-1	Japonica	NA		Os07g0249200	OsR498G0713886300.01.T01	Vesicle-associated membrane protein 724
maker-7-augustus-gene-79.43-mRNA-1	Japonica	NA		Os07g0249600	OsR498G0713887500.01.T01	mRNA-decapping enzyme-like protein (Fragment)
maker-7-augustus-gene-79.49-mRNA-1	Japonica	NA		Os07g0250300	OsR498G0713889300.01.T01	NAC domain-containing protein 40
maker-7-augustus-gene-79.52-mRNA-1	Japonica	Indica		Os07g0248800	OsR498G0713885000.01.T02	BZIP domain-containing protein
maker-7-augustus-gene-79.56-mRNA-1	Japonica	NA		Os07g0249100	OsR498G0713885800.01.T01	Pentatricopeptide repeat-containing protein isoform A
maker-7-augustus-gene-79.57-mRNA-1	Japonica	Indica		Os03g0836900	OsR498G0713887800.01.T01	IAA-amino acid hydrolase ILR1
maker-7-augustus-gene-79.59-mRNA-1	Japonica	Indica		Os07g0249800	OsR498G0713888000.01.T01	IAA-amino acid hydrolase ILR1
maker-7-augustus-gene-79.62-mRNA-1	Japonica	Indica		Os03g0836900	OsR498G0713888200.01.T01	IAA-amino acid hydrolase ILR1
maker-7-augustus-gene-79.64-mRNA-1	Japonica	NA		Os07g0250166		Glycosyltransferase
maker-7-augustus-gene-8.42-mRNA-1	Japonica	NA				WRKY domain-containing protein
maker-7-augustus-gene-8.43-mRNA-1	Japonica	NA		Os07g0122400	OsR498G0713430100.01.T01	NASP-related protein sim3
maker-7-augustus-gene-8.46-mRNA-1	Japonica	NA		Os07g0122900	OsR498G0713432100.01.T02	F-box domain-containing protein
maker-7-augustus-gene-8.49-mRNA-1	Japonica	Japonica		Os07g0123000	OsR498G0101324300.01.T01	F-box domain containing protein, expressed
maker-7-augustus-gene-8.52-mRNA-1	Japonica	Indica		Os07g0123300	OsR498G0713433200.01.T03	Plastid division protein PDV2
maker-7-augustus-gene-8.54-mRNA-1	Japonica	Indica		Os03g0769000	OsR498G0713433400.01.T01	Ternary complex factor MIP1
maker-7-augustus-gene-8.58-mRNA-1	Japonica	NA		Os07g0123500	OsR498G0713434400.01.T01	BTB domain-containing protein
maker-7-augustus-gene-81.0-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os07g0251900	OsR498G0713893500.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-7-augustus-gene-81.1-mRNA-1	Japonica	NA		Os07g0252000	OsR498G0713894700.01.T03	Probable cytosolic iron-sulfur protein assembly protein CIAO1 homolog
maker-7-augustus-gene-81.12-mRNA-1	Japonica	NA		Os07g0252800	OsR498G0713897300.01.T01	
maker-7-augustus-gene-81.14-mRNA-1	Japonica	NA		Os07g0253000	OsR498G0713898100.01.T02	
maker-7-augustus-gene-81.7-mRNA-1	Japonica	NA		Os07g0252400	OsR498G0713895900.01.T03	Cellulose synthase
maker-7-augustus-gene-82.30-mRNA-1	Japonica	NA		Os06g0602200	OsR498G0306739200.01.T01	Probable bifunctional methylthioribulose-1-phosphate dehydratase/enolase
maker-7-augustus-gene-84.0-mRNA-1	Japonica	NA		Os07g0256200	OsR498G0713912700.01.T01	RRM domain-containing protein
maker-7-augustus-gene-84.2-mRNA-1	Japonica	NA		Os07g0256700	OsR498G0713913700.01.T01	Leaf senescence protein-like
maker-7-augustus-gene-84.4-mRNA-1	Japonica	Indica		Os07g0256050	OsR498G0713911400.01.T01	Leaf senescence protein-like
maker-7-augustus-gene-84.7-mRNA-1	Japonica	NA			OsR498G0713913000.01.T01	
maker-7-augustus-gene-85.0-mRNA-1	Japonica	Japonica		Os07g0258000	OsR498G0102089900.01.T03	DUF1618 domain-containing protein (Fragment)
maker-7-augustus-gene-85.10-mRNA-1	Japonica	NA			OsR498G0713921200.01.T01	Ubiquitin carboxyl-terminal hydrolase
maker-7-augustus-gene-85.6-mRNA-1	Japonica	Indica		Os07g0258100	OsR498G0713921000.01.T02	Alanyl-tRNA-synthetase+family
maker-7-augustus-gene-86.23-mRNA-1	Japonica	NA		Os07g0258400	OsR498G0713923500.01.T04	Root-specific metal transporter
maker-7-augustus-gene-86.29-mRNA-1	Japonica	NA		Os07g0258700	OsR498G0713924700.01.T02	BTB/POZ domain-containing protein At4g08455
maker-7-augustus-gene-86.31-mRNA-1	Japonica	NA			OsR498G0713925000.01.T01	
maker-7-augustus-gene-86.34-mRNA-1	Japonica	NA		Os07g0259100	OsR498G0713926400.01.T01	Ethylene receptor
maker-7-augustus-gene-86.36-mRNA-1	Japonica	NA		Os07g0259700	OsR498G0713929600.01.T02	BTB/POZ domain-containing protein At2g13690
maker-7-augustus-gene-87.28-mRNA-1	Japonica	NA		Os07g0260300	OsR498G0713933300.01.T01	Thioredoxin domain-containing protein (Fragment)
maker-7-augustus-gene-87.32-mRNA-1	Japonica	NA		Os07g0260000		Pentatricopeptide repeat-containing protein, chloroplastic
maker-7-augustus-gene-87.36-mRNA-1	Japonica	NA		Os07g0260400	OsR498G0713933600.01.T02	Phospholipase D
maker-7-augustus-gene-87.40-mRNA-1	Japonica	NA			OsR498G0713935400.01.T01	CCT motif family protein, expressed
maker-7-augustus-gene-88.0-mRNA-1	Japonica	NA		Os07g0262200	OsR498G0713938000.01.T03	Prohibitin
maker-7-augustus-gene-89.4-mRNA-1	Japonica	NA		Os07g0264100	OsR498G0713942700.01.T04	Hydroxypyruvate reductase-like
maker-7-augustus-gene-89.7-mRNA-1	Japonica	NA	Kinase-TM			Clade IV lectin receptor kinase
maker-7-augustus-gene-9.0-mRNA-1	Japonica	NA		Os07g0124500	OsR498G0713437900.01.T03	Eukaryotic translation initiation factor 3 subunit C
maker-7-augustus-gene-9.10-mRNA-1	Japonica	NA				Phospholipase A-2-activating protein isoform A
maker-7-augustus-gene-9.17-mRNA-1	Japonica	Indica		Os07g0124100	OsR498G0713436800.01.T01	Phytosulfokine-alpha
maker-7-augustus-gene-90.30-mRNA-1	Japonica	NA		Os07g0264800	OsR498G0713943700.01.T02	Acyl-CoA N-acyltransferases super family protein
maker-7-augustus-gene-90.34-mRNA-1	Japonica	NA		Os07g0265100	OsR498G0713944100.01.T02	
maker-7-augustus-gene-91.0-mRNA-1	Japonica	NA		Os07g0265600	OsR498G0713955100.01.T01	Piwi domain-containing protein
maker-7-augustus-gene-91.1-mRNA-1	Japonica	NA			OsR498G0713955100.01.T01	Eukaryotic translation initiation factor 2c, putative isoform 1
maker-7-augustus-gene-92.3-mRNA-1	Japonica	Japonica		Os07g0267400	OsR498G1221850900.01.T02	Hydroxyproline-rich glycoprotein-like protein
maker-7-augustus-gene-95.37-mRNA-1	Japonica	NA		Os07g0269800		F-box domain-containing protein
maker-7-augustus-gene-96.27-mRNA-1	Japonica	NA		Os07g0270900	OsR498G0713968500.01.T03	t-SNARE coiled-coil homology domain-containing protein
maker-7-augustus-gene-96.32-mRNA-1	Japonica	NA		Os07g0271500	OsR498G0713970500.01.T01	Bisdemethoxycurcumin synthase
maker-7-augustus-gene-96.39-mRNA-1	Japonica	Indica		Os07g0271000	OsR498G0713969200.01.T02	Guanosine nucleotide diphosphate dissociation inhibitor
maker-7-augustus-gene-96.44-mRNA-1	Japonica	NA		Os07g0271600		
maker-7-augustus-gene-97.2-mRNA-1	Japonica	NA			OsR498G0713972700.01.T01	
maker-7-augustus-gene-97.4-mRNA-1	Japonica	Indica		Os03g0843300	OsR498G0713971400.01.T01	Salt tolerance protein II
maker-7-augustus-gene-97.5-mRNA-1	Japonica	NA			OsR498G0713977200.01.T02	Chromatin assembly factor 1 subunit FAS1

maker-7-augustus-gene-97.8-mRNA-1	Japonica	NA	NBS-TM		OsR498G0713986700.01.T02	Putative disease resistance RPP13-like protein 1
maker-7-augustus-gene-98.0-mRNA-1	Japonica	NA		Os07g0274400	OsR498G0713984800.01.T01	NADH-ubiquinone reductase complex 1 MLRQ subunit
maker-7-augustus-gene-98.10-mRNA-1	Japonica	NA		Os07g0274100	OsR498G0713985100.01.T04	Metallophos domain-containing protein (Fragment)
maker-7-augustus-gene-98.2-mRNA-1	Japonica	Indica		Os07g0274700	OsR498G0713984400.01.T01	G-box binding protein-like
maker-7-augustus-gene-98.5-mRNA-1	Japonica	NA	LRR-NBS-TM	Os07g0273700	OsR498G0713986100.01.T01	WRKY domain-containing protein
maker-7-augustus-gene-98.8-mRNA-1	Japonica	NA			OsR498G0100693500.01.T01	Transposon protein, putative, Mutator sub-class
maker-7-augustus-gene-99.0-mRNA-1	Japonica	NA		Os07g0274800	OsR498G0713984000.01.T01	Serine/threonine protein phosphatase 2A regulatory subunit
maker-7-augustus-gene-99.2-mRNA-1	Japonica	Indica		Os12g0564400	OsR498G0713983000.01.T01	PsbP domain-containing protein 1 chloroplastic
maker-7-augustus-gene-99.5-mRNA-1	Japonica	NA		Os07g0275300	OsR498G0713981800.01.T02	RING/U-box superfamily protein
maker-8-augustus-gene-1.26-mRNA-1	Japonica	NA		Os08g0100500	OsR498G0815023300.01.T06	ENHANCER OF AG-4 protein 2
maker-8-augustus-gene-1.31-mRNA-1	Japonica	NA			OsR498G0815023500.01.T01	CID domain-containing protein
maker-8-augustus-gene-1.35-mRNA-1	Japonica	Indica		Os08g0100700	OsR498G0815023900.01.T02	Basic proline-rich protein isoform X2
maker-8-augustus-gene-1.43-mRNA-1	Japonica	NA		Os08g0100800	OsR498G0815024100.01.T06	Putative homeodomain-like transcription factor superfamily protein
maker-8-augustus-gene-1.47-mRNA-1	Japonica	Indica		Os10g0188900	OsR498G0815025100.01.T01	Oxidoreductase zinc-binding dehydrogenase family protein
maker-8-augustus-gene-1.56-mRNA-1	Japonica	NA		Os08g0101800	OsR498G0815026500.01.T01	CAP10 domain-containing protein (Fragment)
maker-8-augustus-gene-1.58-mRNA-1	Japonica	Indica		Os04g0460400	OsR498G0815026700.01.T01	Casparian strip membrane protein 2
maker-8-augustus-gene-1.61-mRNA-1	Japonica	Indica		Os08g0100200	OsR498G0815022800.01.T03	ZIP metal ion transporter
maker-8-augustus-gene-1.64-mRNA-1	Japonica	Indica		Os08g0100400	OsR498G0815023200.01.T02	RING-CH-type domain-containing protein
maker-8-augustus-gene-1.71-mRNA-1	Japonica	NA				B3 DNA binding domain
maker-8-augustus-gene-1.76-mRNA-1	Japonica	NA		Os08g0101100	OsR498G0815025000.01.T02	High mobility group B protein 7
maker-8-augustus-gene-1.78-mRNA-1	Japonica	NA		Os08g0101600	OsR498G0815025800.01.T01	Single-strand DNA endonuclease 1
maker-8-augustus-gene-100.29-mRNA-1	Japonica	Indica		Os08g0260000	OsR498G0815569500.01.T04	Acyl-CoA N-acyltransferases (NAT) superfamily protein isoform 1
maker-8-augustus-gene-104.2-mRNA-1	Japonica	NA			OsR498G0815591300.01.T02	DNA-directed RNA polymerase III subunit RPC5
maker-8-augustus-gene-107.39-mRNA-1	Japonica	NA			OsR498G0612846200.01.T01	GRF-type domain-containing protein
maker-8-augustus-gene-107.41-mRNA-1	Japonica	NA		Os08g0272000	OsR498G0815603000.01.T01	Multivesicular body subunit 12B like
maker-8-augustus-gene-108.43-mRNA-1	Japonica	Japonica		Os08g0274700	OsR498G0815612100.01.T06	Sld5 domain-containing protein (Fragment)
maker-8-augustus-gene-109.3-mRNA-1	Japonica	NA				Transmembrane 9 superfamily member
maker-8-augustus-gene-11.0-mRNA-1	Japonica	NA		Os08g0118000	OsR498G0815081500.01.T01	AT-hook motif nuclear-localized protein (Fragment)
maker-8-augustus-gene-11.11-mRNA-1	Japonica	NA		Os08g0119300		
maker-8-augustus-gene-11.14-mRNA-1	Japonica	NA		Os08g0118100	OsR498G0815082600.01.T01	Amino acid binding protein, putative
maker-8-augustus-gene-11.16-mRNA-1	Japonica	Japonica		Os08g0119700	OsR498G0815087000.01.T01	CCT domain-containing protein (Fragment)
maker-8-augustus-gene-11.19-mRNA-1	Japonica	NA		Os08g0120000	OsR498G0815087400.01.T04	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial
maker-8-augustus-gene-11.4-mRNA-1	Japonica	NA		Os08g0118900	OsR498G0815084900.01.T01	Adenylate kinase
maker-8-augustus-gene-11.7-mRNA-1	Japonica	NA		Os08g0119000	OsR498G0815085300.01.T02	COP9 signalosome complex subunit 3
maker-8-augustus-gene-111.33-mRNA-1	Japonica	Japonica		Os08g0278966	OsR498G0815628300.01.T01	Splicing factor subunit
maker-8-augustus-gene-114.2-mRNA-1	Japonica	NA			OsR498G0815635100.01.T01	Reticulon domain-containing protein
maker-8-augustus-gene-12.33-mRNA-1	Japonica	NA		Os08g0120200	OsR498G0815088900.01.T03	AAA domain-containing protein
maker-8-augustus-gene-12.36-mRNA-1	Japonica	NA		Os08g0120500	OsR498G0815089600.01.T01	Neoplastic transformation suppressor Pcd4/MA-3, contains MA3 domain
maker-8-augustus-gene-12.40-mRNA-1	Japonica	NA		Os08g0120600	OsR498G0815090000.01.T01	Fructose-bisphosphate aldolase
maker-8-augustus-gene-121.43-mRNA-1	Japonica	NA		Os08g0290100	OsR498G0815665000.01.T03	Aberrant root formation protein 4
maker-8-augustus-gene-123.0-mRNA-1	Japonica	Indica		Os08g0292900	OsR498G0815676500.01.T01	Homeobox protein knotted-1-like 3 isoform B
maker-8-augustus-gene-123.5-mRNA-1	Japonica	NA	CC-NBS-TM	Os08g0293300	OsR498G0815678600.01.T02	Disease resistance protein RPM1
maker-8-augustus-gene-125.37-mRNA-1	Japonica	NA		Os08g0307500		PHD finger protein ING
maker-8-augustus-gene-127.38-mRNA-1	Japonica	NA		Os07g0165500	OsR498G0203722500.01.T01	Cytokinin inducible protein-like
maker-8-augustus-gene-127.40-mRNA-1	Japonica	NA		Os08g0305300	OsR498G0815720600.01.T05	DNA/RNA-binding domain
maker-8-augustus-gene-128.20-mRNA-1	Japonica	NA		Os08g0300200	OsR498G0815704000.01.T02	Synaptotagmin-5
maker-8-augustus-gene-128.35-mRNA-1	Japonica	NA				Fatty acyl-CoA reductase
maker-8-augustus-gene-13.46-mRNA-1	Japonica	NA		Os08g0121900	OsR498G0815093800.01.T01	Glycosyltransferase
maker-8-augustus-gene-13.48-mRNA-1	Japonica	NA		Os08g0122000	OsR498G0815094200.01.T01	Serine/threonine protein phosphatase 2A regulatory subunit
maker-8-augustus-gene-135.46-mRNA-1	Japonica	NA		Os12g0543800	OsR498G1221808400.01.T01	Putative glutathione transferase
maker-8-augustus-gene-135.57-mRNA-1	Japonica	NA			OsR498G0815745000.01.T05	CUE domain-containing protein (Fragment)
maker-8-augustus-gene-14.37-mRNA-1	Japonica	NA		Os11g0175500	OsR498G1119504300.01.T05	E3 ubiquitin-protein ligase CHFR
maker-8-augustus-gene-143.0-mRNA-1	Japonica	Indica		Os08g0150800	OsR498G0815763300.01.T01	Tyrosyl-tRNA synthetase
maker-8-augustus-gene-143.29-mRNA-1	Japonica	NA		Os08g0319900	OsR498G0815763200.01.T02	Cyclase-like protein 3
maker-8-augustus-gene-143.33-mRNA-1	Japonica	NA		Os08g0320200	OsR498G0815765000.01.T02	Oligopeptide transporter
maker-8-augustus-gene-143.7-mRNA-1	Japonica	NA				Heterogeneous nuclear ribonucleoprotein like
maker-8-augustus-gene-148.32-mRNA-1	Japonica	Japonica		Os08g0326500	OsR498G0815786100.01.T01	(1->3)-beta-glucan endohydrolase
maker-8-augustus-gene-148.34-mRNA-1	Japonica	NA		Os08g0326100	OsR498G0815784400.01.T01	Nuclear inhibitor of protein phosphatase
maker-8-augustus-gene-148.36-mRNA-1	Japonica	NA		Os08g0326400	OsR498G0815785200.01.T01	
maker-8-augustus-gene-150.35-mRNA-1	Japonica	NA		Os08g0328300	OsR498G0815792700.01.T05	ENT domain-containing protein (Fragment)
maker-8-augustus-gene-150.41-mRNA-1	Japonica	NA				DUF1618 domain-containing protein (Fragment)

maker-8-augustus-gene-152.35-mRNA-1	Japonica	Indica		Os09g0281900	OsR498G0815804700.01.T04	Mediator of RNA polymerase II transcription subunit 14
maker-8-augustus-gene-152.46-mRNA-1	Japonica	NA		Os08g0332700	OsR498G0815804200.01.T04	Dipeptidase 3 (Fragment)
maker-8-augustus-gene-153.0-mRNA-1	Japonica	NA			OsR498G0815813000.01.T01	Pre-mRNA-splicing factor ATP-dependent RNA helicase DEAH1
maker-8-augustus-gene-155.33-mRNA-1	Japonica	NA			OsR498G0815821700.01.T01	
maker-8-augustus-gene-156.24-mRNA-1	Japonica	NA			OsR498G0815825100.01.T01	Golgin subfamily A member 6-like protein 22 isoform X2
maker-8-augustus-gene-156.26-mRNA-1	Japonica	NA		Os08g0339200	OsR498G0815827700.01.T03	D-aminoacyl-tRNA deacylase-like
maker-8-augustus-gene-158.14-mRNA-1	Japonica	NA			OsR498G0101949000.01.T01	
maker-8-augustus-gene-158.6-mRNA-1	Japonica	NA		Os03g0340600		
maker-8-augustus-gene-158.8-mRNA-1	Japonica	NA	Kinase-TM	Os08g0343000	OsR498G0815840500.01.T03	Proline-rich receptor-like protein kinase PERK14 isoform X5
maker-8-augustus-gene-159.8-mRNA-1	Japonica	NA		Os08g0344100	OsR498G0815843500.01.T02	Histone deacetylase
maker-8-augustus-gene-16.0-mRNA-1	Japonica	NA		Os08g0126300	OsR498G0815102700.01.T04	Glyceraldehyde-3-phosphate dehydrogenase
maker-8-augustus-gene-16.11-mRNA-1	Japonica	Japonica	Kinase-TM	Os08g0125200	OsR498G0815100800.01.T01	Putative receptor-type protein kinase LRK1
maker-8-augustus-gene-16.13-mRNA-1	Japonica	Indica	CC-Kinase-TM	Os08g0125800	OsR498G0815100800.01.T01	Putative receptor-type protein kinase LRK1
maker-8-augustus-gene-16.6-mRNA-1	Japonica	NA		Os08g0126700	OsR498G0815103300.01.T02	Zinc finger CCCH domain-containing protein 54
maker-8-augustus-gene-161.1-mRNA-1	Japonica	Indica		Os09g0299200	OsR498G0815853100.01.T03	MYB-CC type transfactor
maker-8-augustus-gene-162.28-mRNA-1	Japonica	NA				Photosystem II PsbP, oxygen evolving complex
maker-8-augustus-gene-17.0-mRNA-1	Japonica	NA		Os08g0127100	OsR498G0815104300.01.T01	Lysine histidine transporter like
maker-8-augustus-gene-17.10-mRNA-1	Japonica	NA		Os08g0127900	OsR498G0815106300.01.T01	Legumin type B
maker-8-augustus-gene-17.15-mRNA-1	Japonica	NA		Os08g0128200	OsR498G0815107100.01.T02	Extracellular ligand-gated ion channel protein
maker-8-augustus-gene-17.17-mRNA-1	Japonica	NA		Os08g0128500	OsR498G0815107500.01.T01	Ribosomal protein L37
maker-8-augustus-gene-17.20-mRNA-1	Japonica	NA			OsR498G0815104800.01.T01	Transcription factor GTE8
maker-8-augustus-gene-17.25-mRNA-1	Japonica	NA		Os08g0127600	OsR498G0815105400.01.T01	Chloroplast J-like domain 1
maker-8-augustus-gene-17.3-mRNA-1	Japonica	NA		Os08g0127500	OsR498G0815105100.01.T01	Putative membrane protein YuiD
maker-8-augustus-gene-17.31-mRNA-1	Japonica	Indica		Os08g0128300	OsR498G0815107400.01.T02	Actin-related protein 3 isoform A
maker-8-augustus-gene-17.7-mRNA-1	Japonica	NA		Os08g0127700	OsR498G0815105500.01.T01	Pre-mRNA-splicing factor SLU7
maker-8-augustus-gene-174.0-mRNA-1	Japonica	NA		Os08g0356500	OsR498G0815875000.01.T01	
maker-8-augustus-gene-175.17-mRNA-1	Japonica	Indica		Os09g0306400	OsR498G0815877900.01.T01	BZIP transcription factor
maker-8-augustus-gene-175.20-mRNA-1	Japonica	NA		Os08g0356800	OsR498G0815877000.01.T01	
maker-8-augustus-gene-175.21-mRNA-1	Japonica	NA				BFN domain-containing protein (Fragment)
maker-8-augustus-gene-176.0-mRNA-1	Japonica	Japonica		Os08g0358800	OsR498G0815882700.01.T01	Two-component response regulator ORR12
maker-8-augustus-gene-176.12-mRNA-1	Japonica	NA		Os08g0359200	OsR498G0815885000.01.T03	Lipid phosphate phosphatase 2
maker-8-augustus-gene-176.15-mRNA-1	Japonica	NA		Os08g0359300	OsR498G0815885200.01.T02	AB hydrolase-1 domain-containing protein
maker-8-augustus-gene-176.16-mRNA-1	Japonica	NA		Os08g0359300	OsR498G0815885200.01.T02	AB hydrolase-1 domain-containing protein
maker-8-augustus-gene-176.3-mRNA-1	Japonica	NA		Os08g0359000	OsR498G0815883700.01.T01	Acclimation of photosynthesis to environment
maker-8-augustus-gene-176.8-mRNA-1	Japonica	NA		Os08g0359100	OsR498G0815884600.01.T02	Lipid phosphate phosphatase 2
maker-8-augustus-gene-177.46-mRNA-1	Japonica	NA			OsR498G0815887900.01.T01	Protein SAR DEFICIENT 1
maker-8-augustus-gene-177.48-mRNA-1	Japonica	Japonica		Os08g0451700	OsR498G0815890300.01.T01	AT-rich interactive domain-containing protein 4
maker-8-augustus-gene-177.57-mRNA-1	Japonica	NA		Os08g0359500	OsR498G0815886000.01.T01	CS domain
maker-8-augustus-gene-177.60-mRNA-1	Japonica	NA		Os08g0359600	OsR498G0815886400.01.T01	30S ribosomal protein S17, chloroplastic
maker-8-augustus-gene-177.62-mRNA-1	Japonica	NA		Os08g0360100	OsR498G0815887400.01.T01	Chloroplastic group IIA intron splicing facilitator like
maker-8-augustus-gene-178.30-mRNA-1	Japonica	Japonica		Os08g0361300	OsR498G0407773900.01.T01	SWIM-type domain-containing protein
maker-8-augustus-gene-18.0-mRNA-1	Japonica	NA		Os08g0129700	OsR498G0815111500.01.T01	Probable UDP-arabinose 4-epimerase 3
maker-8-augustus-gene-18.11-mRNA-1	Japonica	NA		Os08g0131100	OsR498G0815117900.01.T02	Flavonoid 3'-monooxygenase
maker-8-augustus-gene-18.13-mRNA-1	Japonica	NA		Os08g0130000	OsR498G0815112600.01.T02	Putative magnesium transporter CorA-like family protein-like
maker-8-augustus-gene-18.15-mRNA-1	Japonica	NA		Os08g0130100	OsR498G0815112800.01.T01	zf-LSD1 domain-containing protein (Fragment)
maker-8-augustus-gene-18.17-mRNA-1	Japonica	NA		Os08g0130300	OsR498G0815115800.01.T01	Tetratricopeptide repeat (TPR)-like superfamily protein
maker-8-augustus-gene-18.22-mRNA-1	Japonica	NA		Os08g0130400	OsR498G0815116000.01.T03	Acyl-activating enzyme 14
maker-8-augustus-gene-18.27-mRNA-1	Japonica	NA		Os08g0130500	OsR498G0815116200.01.T01	60S acidic ribosomal protein P0
maker-8-augustus-gene-18.33-mRNA-1	Japonica	NA		Os08g0130600	OsR498G0815116400.01.T02	BTB/POZ domain-containing protein At1g30440
maker-8-augustus-gene-18.5-mRNA-1	Japonica	NA		Os08g0129900	OsR498G0815112300.01.T03	Biogenesis of lysosome-related organelles complex 1 subunit 7
maker-8-augustus-gene-18.8-mRNA-1	Japonica	NA			OsR498G0815117500.01.T01	Hydroxyproline O-galactosyltransferase
maker-8-augustus-gene-186.22-mRNA-1	Japonica	Indica		Os08g0369000	OsR498G0815926300.01.T02	Nucleobase-ascorbate transporter 2
maker-8-augustus-gene-186.28-mRNA-1	Japonica	NA		Os08g0369200	OsR498G0815926700.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
maker-8-augustus-gene-186.31-mRNA-1	Japonica	NA		Os08g0369400	OsR498G0815927300.01.T01	E3 ubiquitin-protein ligase mib1
maker-8-augustus-gene-186.34-mRNA-1	Japonica	NA		Os08g0369700	OsR498G0815927700.01.T02	Iron-sulfur cluster assembly protein IscA
maker-8-augustus-gene-186.38-mRNA-1	Japonica	Indica		Os08g0369300	OsR498G0815927000.01.T02	Actin-related protein 2
maker-8-augustus-gene-186.46-mRNA-1	Japonica	NA		Os08g0369600	OsR498G0815927600.01.T02	CRC domain-containing protein
maker-8-augustus-gene-186.52-mRNA-1	Japonica	NA			OsR498G0815928000.01.T02	Carotenoid cleavage dioxygenase
maker-8-augustus-gene-187.1-mRNA-1	Japonica	Indica		Os08g0371564	OsR498G0815932400.01.T03	carotenoid 9,10(9',10')-cleavage dioxygenase 1-like
maker-8-augustus-gene-187.6-mRNA-1	Japonica	Indica		Os08g0371200	OsR498G0815932400.01.T01	Carotenoid cleavage dioxygenase
maker-8-augustus-gene-188.26-mRNA-1	Japonica	NA		Os08g0372166		

maker-8-augustus-gene-188.28-mRNA-1	Japonica	NA			OsR498G0815934200.01.T01	Carotenoid cleavage dioxygenase
maker-8-augustus-gene-188.33-mRNA-1	Japonica	NA		Os08g0372900	OsR498G0815939400.01.T01	
maker-8-augustus-gene-189.21-mRNA-1	Japonica	NA		Os08g0374000	OsR498G0815943600.01.T01	Major allergen Api g 2
maker-8-augustus-gene-189.23-mRNA-1	Japonica	NA		Os08g0374100	OsR498G0815943800.01.T01	UBC core domain-containing protein (Fragment)
maker-8-augustus-gene-19.14-mRNA-1	Japonica	NA				rRNA N-glycosidase
maker-8-augustus-gene-19.6-mRNA-1	Japonica	NA		Os08g0132600	OsR498G0815123300.01.T01	Peptidase A1 domain-containing protein (Fragment)
maker-8-augustus-gene-191.8-mRNA-1	Japonica	Indica		Os08g0358800	OsR498G0815956900.01.T01	Two-component response regulator ORR12
maker-8-augustus-gene-195.7-mRNA-1	Japonica	NA		Os08g0384900	OsR498G0815976700.01.T06	RING-CH-type domain-containing protein
maker-8-augustus-gene-2.37-mRNA-1	Japonica	NA		Os08g0103300	OsR498G0815031300.01.T05	Tubby-like F-box protein (Fragment)
maker-8-augustus-gene-2.40-mRNA-1	Japonica	NA		Os08g0102100	OsR498G0815027200.01.T01	Nicalin
maker-8-augustus-gene-2.45-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0815030200.01.T02	Serine/threonine-protein kinase STY46
maker-8-augustus-gene-2.53-mRNA-1	Japonica	NA				ACT domain-containing protein
maker-8-augustus-gene-2.55-mRNA-1	Japonica	Japonica		Os08g0103400	OsR498G0815031600.01.T05	S-acyltransferase
maker-8-augustus-gene-2.59-mRNA-1	Japonica	NA		Os08g0103500	OsR498G0815031800.01.T02	PI-PLC X domain-containing protein isoform A
maker-8-augustus-gene-20.43-mRNA-1	Japonica	NA			OsR498G0815127300.01.T01	rRNA N-glycosidase
maker-8-augustus-gene-205.0-mRNA-1	Japonica	Japonica		Os08g0402700	OsR498G1221669700.01.T01	
maker-8-augustus-gene-205.11-mRNA-1	Japonica	NA		Os08g0402800	OsR498G0816040000.01.T02	Auxin-induced protein 5NG4
maker-8-augustus-gene-205.2-mRNA-1	Japonica	NA		Os08g0403300	OsR498G0816041700.01.T01	HMA domain-containing protein (Fragment)
maker-8-augustus-gene-206.0-mRNA-1	Japonica	NA		Os08g0404000	OsR498G0816044700.01.T01	Glycosyltransferase
maker-8-augustus-gene-206.2-mRNA-1	Japonica	NA				Rpma
maker-8-augustus-gene-207.0-mRNA-1	Japonica	NA		Os08g0405700	OsR498G0816052700.01.T01	Protein SODIUM POTASSIUM ROOT DEFECTIVE 1 isoform A
maker-8-augustus-gene-207.3-mRNA-1	Japonica	Indica		Os03g0195800	OsR498G0816054900.01.T01	High affinity sulfate transporter
maker-8-augustus-gene-207.9-mRNA-1	Japonica	NA		Os10g0199200	OsR498G1018346900.01.T03	Hydroxyproline-rich glycoprotein-like
maker-8-augustus-gene-208.0-mRNA-1	Japonica	NA			OsR498G0816057100.01.T02	TrmE-type G domain-containing protein (Fragment)
maker-8-augustus-gene-208.11-mRNA-1	Japonica	NA		Os08g0407600	OsR498G0816059800.01.T01	FLZ-type domain-containing protein
maker-8-augustus-gene-208.3-mRNA-1	Japonica	NA		Os08g0407200	OsR498G0816057700.01.T04	Metal-dependent hydrolase
maker-8-augustus-gene-208.6-mRNA-1	Japonica	NA		Os08g0408200	OsR498G0816060900.01.T01	Putative WD repeat-containing protein
maker-8-augustus-gene-209.0-mRNA-1	Japonica	Indica		Os02g0753000	OsR498G0816064500.01.T01	Trehalose-6-phosphate phosphatase J
maker-8-augustus-gene-209.3-mRNA-1	Japonica	NA		Os08g0409900	OsR498G0816068700.01.T01	Carbohydrate transporter/ sugar porter/ transporter
maker-8-augustus-gene-21.34-mRNA-1	Japonica	NA		Os08g0134900	OsR498G0815131100.01.T01	
maker-8-augustus-gene-21.38-mRNA-1	Japonica	NA		Os08g0135400	OsR498G0815132500.01.T01	E3 ubiquitin-protein like
maker-8-augustus-gene-21.47-mRNA-1	Japonica	NA		Os08g0135100	OsR498G0815131800.01.T02	Sugar phosphate transporter domain containing protein
maker-8-augustus-gene-21.49-mRNA-1	Japonica	NA			OsR498G0815132200.01.T03	NHL repeat-containing protein 2
maker-8-augustus-gene-210.46-mRNA-1	Japonica	NA				S-adenosyl-L-methionine-dependent methyltransferase superfamily protein
maker-8-augustus-gene-210.52-mRNA-1	Japonica	Japonica	CC-LRR-NBS-TM	Os08g0412100	OsR498G0816076200.01.T01	Disease resistance protein RPM1
maker-8-augustus-gene-211.53-mRNA-1	Japonica	NA		Os08g0414200	OsR498G0816080700.01.T01	RING-type E3 ubiquitin transferase BRCA1
maker-8-augustus-gene-211.57-mRNA-1	Japonica	NA			OsR498G0714849700.01.T01	L10-interacting MYB domain-containing protein
maker-8-augustus-gene-212.53-mRNA-1	Japonica	NA		Os08g0416000	OsR498G0816085600.01.T03	Class I homeodomain-leucine zipper protein 5
maker-8-augustus-gene-212.62-mRNA-1	Japonica	NA			OsR498G0816087000.01.T06	RNA-binding protein 25
maker-8-augustus-gene-213.36-mRNA-1	Japonica	NA		Os08g0416900	OsR498G0816088900.01.T01	Protein CHAPERONE-LIKE PROTEIN OF POR1, chloroplastic-like
maker-8-augustus-gene-213.39-mRNA-1	Japonica	NA			OsR498G0816091700.01.T01	
maker-8-augustus-gene-213.41-mRNA-1	Japonica	Japonica		Os08g0418600	OsR498G0816092100.01.T01	
maker-8-augustus-gene-213.43-mRNA-1	Japonica	Japonica		Os08g0418600	OsR498G0816092100.01.T01	
maker-8-augustus-gene-213.45-mRNA-1	Japonica	Japonica		Os08g0419000	OsR498G0816092700.01.T02	
maker-8-augustus-gene-213.47-mRNA-1	Japonica	NA		Os08g0417000	OsR498G0816089800.01.T01	Putative 2-oxoglutarate-dependent dioxygenase
maker-8-augustus-gene-214.11-mRNA-1	Japonica	NA		Os08g0419600	OsR498G0816094900.01.T02	
maker-8-augustus-gene-214.13-mRNA-1	Japonica	NA			OsR498G0816095300.01.T01	
maker-8-augustus-gene-214.17-mRNA-1	Japonica	NA				C2H2-type domain-containing protein
maker-8-augustus-gene-214.2-mRNA-1	Japonica	NA		Os08g0419200		Flagellar associated protein
maker-8-augustus-gene-214.5-mRNA-1	Japonica	NA			OsR498G0816094300.01.T01	
maker-8-augustus-gene-214.7-mRNA-1	Japonica	NA			OsR498G0816094500.01.T01	
maker-8-augustus-gene-214.9-mRNA-1	Japonica	NA				
maker-8-augustus-gene-215.41-mRNA-1	Japonica	NA		Os08g0422000	OsR498G0816101700.01.T01	Lycopene cyclase CruP
maker-8-augustus-gene-216.32-mRNA-1	Japonica	NA		Os08g0423500	OsR498G0816105900.01.T03	Bifunctional monodehydroascorbate reductase and carbonic anhydrase nec
maker-8-augustus-gene-216.36-mRNA-1	Japonica	NA		Os08g0424100	OsR498G0816108500.01.T01	Bifunctional monodehydroascorbate reductase and carbonic anhydrase nec
maker-8-augustus-gene-216.38-mRNA-1	Japonica	NA		Os08g0424500	OsR498G0816109100.01.T03	Aminoaldehyde dehydrogenase 1
maker-8-augustus-gene-216.44-mRNA-1	Japonica	NA		Os01g0259900	OsR498G0816104600.01.T02	Mediator-associated protein 2
maker-8-augustus-gene-216.50-mRNA-1	Japonica	Indica		Os08g0424200	OsR498G0816108800.01.T01	Methylcrotonoyl-CoA carboxylase beta chain mitochondrial
maker-8-augustus-gene-217.34-mRNA-1	Japonica	NA		Os08g0425000	OsR498G0816110100.01.T01	Zinc finger, MYND-type
maker-8-augustus-gene-217.38-mRNA-1	Japonica	NA		Os08g0425100	OsR498G0816110300.01.T01	Dynamin GTPase
maker-8-augustus-gene-217.42-mRNA-1	Japonica	NA		Os08g0425200	OsR498G0816110700.01.T01	chaperonin-like RBCX protein 1, chloroplastic

maker-8-augustus-gene-217.44-mRNA-1	Japonica	NA		Os08g0425700	OsR498G0816112500.01.T01	Annexin
maker-8-augustus-gene-217.48-mRNA-1	Japonica	NA		Os08g0425800	OsR498G0816112800.01.T01	Voltage-dependent L-type calcium channel subunit
maker-8-augustus-gene-218.38-mRNA-1	Japonica	NA		Os08g0426866	OsR498G0816115300.01.T02	Probable transcription factor RL9
maker-8-augustus-gene-218.43-mRNA-1	Japonica	NA		Os08g0427300	OsR498G0816115700.01.T04	Vacuolar fusion protein CC21 homolog B
maker-8-augustus-gene-218.48-mRNA-1	Japonica	NA		Os08g0427500	OsR498G0816115900.01.T04	DNA repair protein xp-C / rad4
maker-8-augustus-gene-218.54-mRNA-1	Japonica	NA		Os08g0427700	OsR498G0816116900.01.T01	
maker-8-augustus-gene-218.56-mRNA-1	Japonica	NA		Os12g0244000	OsR498G1120216800.01.T06	
maker-8-augustus-gene-218.58-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os09g0400500	OsR498G0816116200.01.T01	Mitogen-activated protein kinase kinase kinase
maker-8-augustus-gene-218.61-mRNA-1	Japonica	Indica		Os08g0427900	OsR498G0816117600.01.T02	THO complex subunit 4
maker-8-augustus-gene-219.31-mRNA-1	Japonica	Indica		Os08g0428100	OsR498G0816118900.01.T04	F-box protein SKIP28
maker-8-augustus-gene-219.34-mRNA-1	Japonica	NA		Os08g0428200	OsR498G0816119300.01.T02	Myb factor
maker-8-augustus-gene-219.38-mRNA-1	Japonica	NA		Os08g0428400	OsR498G0816121400.01.T01	Tify domain-containing protein
maker-8-augustus-gene-219.43-mRNA-1	Japonica	NA		Os08g0428800	OsR498G0816124800.01.T01	H15 domain-containing protein
maker-8-augustus-gene-219.45-mRNA-1	Japonica	NA		Os08g0428900	OsR498G0816126000.01.T01	1-phosphatidylinositol-3-phosphate 5-kinase
maker-8-augustus-gene-22.0-mRNA-1	Japonica	Japonica		Os08g0136800	OsR498G0815134800.01.T01	Cysteine-rich repeat secretory protein 55
maker-8-augustus-gene-22.12-mRNA-1	Japonica	Indica		Os08g0137100	OsR498G0815136100.01.T01	Polycomb group protein FIE1
maker-8-augustus-gene-22.15-mRNA-1	Japonica	NA		Os08g0137300	OsR498G0815136700.01.T02	Putative DUF604-domain containing/glycosyltransferase-related family protein
maker-8-augustus-gene-22.17-mRNA-1	Japonica	NA		Os08g0137400	OsR498G0815136900.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-8-augustus-gene-22.19-mRNA-1	Japonica	NA		Os08g0137800	OsR498G0815137300.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-8-augustus-gene-22.2-mRNA-1	Japonica	NA		Os08g0137100	OsR498G0815135500.01.T01	polycomb group protein FERTILIZATION-INDEPENDENT ENDOSPERM
maker-8-augustus-gene-22.21-mRNA-1	Japonica	NA		Os08g0136300	OsR498G0815134400.01.T01	Cysteine-rich repeat secretory protein 55
maker-8-augustus-gene-22.23-mRNA-1	Japonica	NA		Os08g0136500	OsR498G0815134600.01.T01	Cysteine-rich repeat secretory protein 55
maker-8-augustus-gene-22.25-mRNA-1	Japonica	NA		Os08g0136700	OsR498G0815134800.01.T01	Cysteine-rich repeat secretory protein 55
maker-8-augustus-gene-22.7-mRNA-1	Japonica	NA		Os08g0137200	OsR498G0815135700.01.T01	Actin-related protein 4 isoform A
maker-8-augustus-gene-220.0-mRNA-1	Japonica	NA			OsR498G0305881800.01.T01	Putative far-red impaired response protein
maker-8-augustus-gene-220.11-mRNA-1	Japonica	Indica		Os09g0403300	OsR498G0816132000.01.T01	Cytokinin hydroxylase
maker-8-augustus-gene-220.3-mRNA-1	Japonica	NA		Os08g0429250	OsR498G0816128800.01.T01	Spore coat protein A
maker-8-augustus-gene-220.6-mRNA-1	Japonica	NA		Os08g0514300		
maker-8-augustus-gene-221.0-mRNA-1	Japonica	NA		Os08g0430100	OsR498G0816133300.01.T01	
maker-8-augustus-gene-221.11-mRNA-1	Japonica	NA		Os08g0431200	OsR498G0816137900.01.T02	Formin-like protein 9
maker-8-augustus-gene-221.14-mRNA-1	Japonica	Japonica		Os08g0430000	OsR498G0816132600.01.T01	Dentin sialophosphoprotein
maker-8-augustus-gene-221.2-mRNA-1	Japonica	NA		Os08g0430200	OsR498G0816133900.01.T03	Ubiquitin receptor RAD23
maker-8-augustus-gene-221.20-mRNA-1	Japonica	NA				
maker-8-augustus-gene-221.25-mRNA-1	Japonica	NA		Os08g0430500	OsR498G0816135200.01.T01	14-3-3 protein a
maker-8-augustus-gene-221.28-mRNA-1	Japonica	NA		Os08g0430600	OsR498G0816135600.01.T04	Cyanobacterial aminoacyl-tRNA synthetase, CAAD domain containing protein
maker-8-augustus-gene-221.31-mRNA-1	Japonica	NA		Os08g0430700	OsR498G0816135800.01.T01	Ultraviolet-B receptor like
maker-8-augustus-gene-221.36-mRNA-1	Japonica	NA		Os08g0431300	OsR498G0816138200.01.T02	Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase
maker-8-augustus-gene-221.9-mRNA-1	Japonica	Indica		Os09g0408500	OsR498G0816137700.01.T01	Heavy metal-associated isoprenylated plant protein 7
maker-8-augustus-gene-227.0-mRNA-1	Japonica	NA		Os08g0439100	OsR498G0816168300.01.T02	START domain
maker-8-augustus-gene-228.38-mRNA-1	Japonica	NA		Os08g0441400	OsR498G0816180100.01.T02	Cytochrome c oxidase, subunit Vlb
maker-8-augustus-gene-228.40-mRNA-1	Japonica	NA		Os08g0441600	OsR498G0816182700.01.T01	Chorismate mutase
maker-8-augustus-gene-228.52-mRNA-1	Japonica	NA		Os08g0441500	OsR498G0816180400.01.T01	Cinnamoyl CoA reductase
maker-8-augustus-gene-228.59-mRNA-1	Japonica	NA		Os08g0442000	OsR498G0816183400.01.T03	QWRF motif-containing protein 2
maker-8-augustus-gene-229.39-mRNA-1	Japonica	NA		Os08g0442300	OsR498G0816183900.01.T01	Calcineurin subunit B like
maker-8-augustus-gene-229.43-mRNA-1	Japonica	NA		Os08g0442350	OsR498G0816183900.01.T05	Myosin-binding protein 7
maker-8-augustus-gene-229.45-mRNA-1	Japonica	NA		Os08g0442400	OsR498G0816184900.01.T01	Ethylene-responsive transcription factor WRI1
maker-8-augustus-gene-229.48-mRNA-1	Japonica	NA				histone-lysine N-methyltransferase ASHR3
maker-8-augustus-gene-229.51-mRNA-1	Japonica	NA		Os08g0442200	OsR498G0816183800.01.T01	Strictosidine synthase 1
maker-8-augustus-gene-229.54-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os08g0442700	OsR498G0816185600.01.T01	Serine/threonine protein kinase
maker-8-augustus-gene-23.40-mRNA-1	Japonica	NA		Os08g0138400	OsR498G0815138700.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-8-augustus-gene-23.42-mRNA-1	Japonica	NA		Os08g0138500	OsR498G0815139000.01.T01	Transcription factor ILR3
maker-8-augustus-gene-23.45-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0815139400.01.T02	Calcium/calmodulin-regulated receptor-like protein kinase 1
maker-8-augustus-gene-23.49-mRNA-1	Japonica	NA		Os08g0138900	OsR498G0815140000.01.T01	
maker-8-augustus-gene-23.51-mRNA-1	Japonica	NA		Os08g0139000	OsR498G0815140200.01.T02	Glycine-rich RNA-binding protein 4 mitochondrial
maker-8-augustus-gene-23.54-mRNA-1	Japonica	NA		Os08g0139100	OsR498G0815140400.01.T03	Multiple organellar RNA editing factor
maker-8-augustus-gene-23.57-mRNA-1	Japonica	NA		Os08g0139200	OsR498G0815140600.01.T01	NAD(P)H dehydrogenase (quinone)
maker-8-augustus-gene-23.60-mRNA-1	Japonica	Japonica		Os06g0696900	OsR498G0815141800.01.T01	Macro domain-containing protein (Fragment)
maker-8-augustus-gene-23.62-mRNA-1	Japonica	NA			OsR498G0815142800.01.T01	Germacrene D synthase
maker-8-augustus-gene-232.51-mRNA-1	Japonica	NA		Os08g0447900	OsR498G0816205500.01.T02	Adenylyl cyclase-associated protein
maker-8-augustus-gene-232.62-mRNA-1	Japonica	NA		Os08g0448000	OsR498G0816205800.01.T02	4-coumarate--CoA ligase
maker-8-augustus-gene-233.30-mRNA-1	Japonica	NA			OsR498G0816216300.01.T02	1-phosphatidylinositol-3-phosphate 5-kinase

maker-8-augustus-gene-233.35-mRNA-1	Japonica	NA		Os08g0451000	OsR498G0816217100.01.T03	Component of oligomeric Golgi complex 3
maker-8-augustus-gene-233.41-mRNA-1	Japonica	NA			OsR498G0816218100.01.T01	Histone-lysine N-methyltransferase ATX5 (Fragment)
maker-8-augustus-gene-233.43-mRNA-1	Japonica	NA		Os08g0451400	OsR498G0816218600.01.T06	AT-rich interactive domain-containing protein 4
maker-8-augustus-gene-233.48-mRNA-1	Japonica	NA			OsR498G0816219000.01.T02	ARID domain-containing protein
maker-8-augustus-gene-233.53-mRNA-1	Japonica	NA				ARID domain-containing protein
maker-8-augustus-gene-234.0-mRNA-1	Japonica	Japonica		Os08g0451800	OsR498G0816220100.01.T01	Putative E3 ubiquitin-protein ligase ARI9
maker-8-augustus-gene-234.2-mRNA-1	Japonica	NA		Os08g0452500	OsR498G0816222500.01.T01	SAUR33-auxin-responsive SAUR family member
maker-8-augustus-gene-234.3-mRNA-1	Japonica	NA			OsR498G0816223900.01.T06	Knob associated heat shock protein 40
maker-8-augustus-gene-235.0-mRNA-1	Japonica	Indica		Os09g0437500	OsR498G0816226700.01.T01	Dormancy-associated 3
maker-8-augustus-gene-235.11-mRNA-1	Japonica	NA	Kinase		OsR498G0816229000.01.T01	Cyclin-dependent kinase C-3
maker-8-augustus-gene-235.19-mRNA-1	Japonica	Japonica		Os08g0454500	OsR498G0816230800.01.T01	Orcinol O-methyltransferase
maker-8-augustus-gene-235.2-mRNA-1	Japonica	NA		Os08g0453700	OsR498G0816228700.01.T01	Respiratory burst oxidase E
maker-8-augustus-gene-235.21-mRNA-1	Japonica	NA			OsR498G0816229000.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-8-augustus-gene-236.2-mRNA-1	Japonica	NA			OsR498G0611768000.01.T01	
maker-8-augustus-gene-237.0-mRNA-1	Japonica	NA		Os08g0457600	OsR498G0816240500.01.T01	GTP diphosphokinase
maker-8-augustus-gene-237.5-mRNA-1	Japonica	NA			OsR498G0816242100.01.T01	Methylmalonyl-CoA mutase
maker-8-augustus-gene-237.7-mRNA-1	Japonica	NA		Os08g0458200	OsR498G0816242700.01.T01	
maker-8-augustus-gene-237.9-mRNA-1	Japonica	NA	Kinase	Os08g0457400	OsR498G0816238400.01.T01	Serine/threonine-protein kinase RPK
maker-8-augustus-gene-238.42-mRNA-1	Japonica	NA		Os08g0459600	OsR498G0816247500.01.T01	12-oxo-phytyldienoic acid reductase
maker-8-augustus-gene-238.46-mRNA-1	Japonica	NA		Os08g0458600	OsR498G0816244400.01.T01	Response regulatory domain-containing protein
maker-8-augustus-gene-238.48-mRNA-1	Japonica	NA		Os08g0459100	OsR498G0816246400.01.T01	DNA repair protein rhp7
maker-8-augustus-gene-239.0-mRNA-1	Japonica	NA			OsR498G0816251800.01.T01	Cytokinin dehydrogenase
maker-8-augustus-gene-239.12-mRNA-1	Japonica	Japonica		Os08g0460900	OsR498G0816254600.01.T02	F-box domain-containing protein (Fragment)
maker-8-augustus-gene-239.14-mRNA-1	Japonica	Japonica		Os08g0461000	OsR498G0816253400.01.T03	FBD domain-containing protein (Fragment)
maker-8-augustus-gene-239.15-mRNA-1	Japonica	Japonica		Os08g0461100	OsR498G0816253600.01.T01	F-box domain-containing protein (Fragment)
maker-8-augustus-gene-239.21-mRNA-1	Japonica	Indica		Os08g0461300	OsR498G0816254600.01.T02	F-box domain-containing protein (Fragment)
maker-8-augustus-gene-239.24-mRNA-1	Japonica	Japonica		Os08g0461400	OsR498G0816254800.01.T01	F-box domain-containing protein
maker-8-augustus-gene-239.26-mRNA-1	Japonica	NA		Os08g0461700	OsR498G0816255200.01.T04	FBD domain-containing protein (Fragment)
maker-8-augustus-gene-239.3-mRNA-1	Japonica	Indica		Os08g0460700	OsR498G0816252400.01.T01	F-box domain-containing protein
maker-8-augustus-gene-239.31-mRNA-1	Japonica	Indica		Os08g0461800	OsR498G0816255600.01.T03	F-box domain-containing protein
maker-8-augustus-gene-239.34-mRNA-1	Japonica	NA		Os03g0615700	OsR498G0613178300.01.T01	GRF zinc finger family protein, expressed
maker-8-augustus-gene-239.6-mRNA-1	Japonica	Indica		Os08g0461100	OsR498G0816252800.01.T02	F-box domain-containing protein (Fragment)
maker-8-augustus-gene-24.10-mRNA-1	Japonica	Indica		Os05g0331200	OsR498G0815148400.01.T01	
maker-8-augustus-gene-24.2-mRNA-1	Japonica	NA				Vesicle-associated protein 4-2
maker-8-augustus-gene-24.5-mRNA-1	Japonica	Indica		Os08g0140700	OsR498G0815146600.01.T01	
maker-8-augustus-gene-240.0-mRNA-1	Japonica	NA		Os08g0462700	OsR498G0816257100.01.T01	BREVIS RADIX transcription factor
maker-8-augustus-gene-240.10-mRNA-1	Japonica	NA		Os08g0464000	OsR498G0816260000.01.T01	Activator heat shock protein ATPase
maker-8-augustus-gene-240.3-mRNA-1	Japonica	NA		Os08g0463900	OsR498G0816259500.01.T02	Protein EMBRYO SAC DEVELOPMENT ARREST 3 chloroplastic
maker-8-augustus-gene-240.7-mRNA-1	Japonica	NA		Os08g0462300	OsR498G0816256800.01.T01	F-box domain-containing protein
maker-8-augustus-gene-240.9-mRNA-1	Japonica	NA		Os08g0462900	OsR498G0816257600.01.T01	transmembrane protein 45A
maker-8-augustus-gene-241.0-mRNA-1	Japonica	NA			OsR498G0816262400.01.T03	Homeobox-leucine zipper protein HOX11
maker-8-augustus-gene-241.4-mRNA-1	Japonica	NA		Os08g0465800	OsR498G0816265000.01.T02	Glutamate decarboxylase
maker-8-augustus-gene-242.0-mRNA-1	Japonica	NA		Os05g0160800	OsR498G0509792300.01.T01	DNA polymerase epsilon subunit B
maker-8-augustus-gene-242.11-mRNA-1	Japonica	NA			OsR498G0816266400.01.T01	
maker-8-augustus-gene-242.13-mRNA-1	Japonica	NA		Os08g0467400	OsR498G0816272000.01.T05	IAA-alanine resistance protein 1
maker-8-augustus-gene-242.7-mRNA-1	Japonica	Indica		Os08g0467500	OsR498G0816272100.01.T03	
maker-8-augustus-gene-243.0-mRNA-1	Japonica	NA		Os08g0468100	OsR498G0816274900.01.T01	Nitrate reductase
maker-8-augustus-gene-243.11-mRNA-1	Japonica	Indica		Os09g0454300	OsR498G0816279200.01.T01	F-box/RNI-like superfamily protein isoform 1
maker-8-augustus-gene-243.3-mRNA-1	Japonica	Indica		Os08g0468400	OsR498G0816275500.01.T01	Kinetochore protein NDC
maker-8-augustus-gene-243.6-mRNA-1	Japonica	NA		Os08g0469700	OsR498G0816279900.01.T03	Phosphatidylinositol 4-phosphate 5-kinase
maker-8-augustus-gene-244.32-mRNA-1	Japonica	Indica		Os08g0423500	OsR498G0816282000.01.T01	Bifunctional monodehydroascorbate reductase and carbonic anhydrase nec
maker-8-augustus-gene-244.34-mRNA-1	Japonica	Indica		Os08g0470700	OsR498G0816284600.01.T01	Alpha carbonic anhydrase
maker-8-augustus-gene-244.37-mRNA-1	Japonica	Indica		Os09g0455200	OsR498G0816285600.01.T01	Heat shock transcription factor
maker-8-augustus-gene-245.25-mRNA-1	Japonica	NA		Os08g0471800	OsR498G0816288300.01.T04	
maker-8-augustus-gene-245.33-mRNA-1	Japonica	NA		Os08g0472600	OsR498G0816291500.01.T01	Glycoprotein 3-alpha-L-fucosyltransferase A
maker-8-augustus-gene-245.39-mRNA-1	Japonica	NA		Os08g0471900	OsR498G0816288800.01.T01	Zinc finger protein ZPR1
maker-8-augustus-gene-246.3-mRNA-1	Japonica	NA		Os08g0473600	OsR498G0816294500.01.T01	Alpha-amylase isozyme 3C
maker-8-augustus-gene-246.5-mRNA-1	Japonica	NA		Os08g0473900	OsR498G0816295500.01.T01	Alpha-amylase isozyme 3B
maker-8-augustus-gene-246.7-mRNA-1	Japonica	NA		Os08g0474100	OsR498G0816297500.01.T01	
maker-8-augustus-gene-246.8-mRNA-1	Japonica	NA		Os08g0472800	OsR498G0816292400.01.T01	Absciscic acid 8'-hydroxylase
maker-8-augustus-gene-247.52-mRNA-1	Japonica	NA			OsR498G0816301700.01.T06	Ternary complex factor MIP1, leucine-zipper

maker-8-augustus-gene-247.57-mRNA-1	Japonica	Japonica		Os08g0476100	OsR498G0917631500.01.T03	Putative ternary complex factor MIP1, leucine-zipper
maker-8-augustus-gene-247.59-mRNA-1	Japonica	NA		Os08g0476300	OsR498G0816303100.01.T02	Carbonyl reductase family member 4-like
maker-8-augustus-gene-247.61-mRNA-1	Japonica	NA				Tuliposide A-converting enzyme 2, chloroplastic
maker-8-augustus-gene-247.63-mRNA-1	Japonica	NA			OsR498G0816303400.01.T01	Metal-independent phosphoserine phosphatase
maker-8-augustus-gene-248.43-mRNA-1	Japonica	Indica		Os08g0477800	OsR498G0816307900.01.T02	PWWP domain-containing protein
maker-8-augustus-gene-248.50-mRNA-1	Japonica	NA		Os08g0477900	OsR498G0816308300.01.T01	BHLH domain-containing protein (Fragment)
maker-8-augustus-gene-248.52-mRNA-1	Japonica	NA		Os08g0476900	OsR498G0816305600.01.T01	Patatin group A-3
maker-8-augustus-gene-248.54-mRNA-1	Japonica	NA		Os08g0477100	OsR498G0816306000.01.T01	Patatin group A-3
maker-8-augustus-gene-248.56-mRNA-1	Japonica	Indica		Os03g0393900	OsR498G0816307000.01.T03	Patatin
maker-8-augustus-gene-248.61-mRNA-1	Japonica	NA		Os08g0477600	OsR498G0816307200.01.T02	Sodium channel modifier 1
maker-8-augustus-gene-248.65-mRNA-1	Japonica	NA		Os08g0478100	OsR498G0816309000.01.T04	IMPACT family member in pol 5' region
maker-8-augustus-gene-248.69-mRNA-1	Japonica	NA				ATP synthase subunit d, mitochondrial
maker-8-augustus-gene-249.32-mRNA-1	Japonica	NA		Os08g0479300	OsR498G0816314700.01.T01	D-type cyclin
maker-8-augustus-gene-249.36-mRNA-1	Japonica	NA		Os08g0478500	OsR498G0816310400.01.T01	Ubiquitin carboxyl-terminal hydrolase 17
maker-8-augustus-gene-249.42-mRNA-1	Japonica	NA		Os08g0478800	OsR498G0816313600.01.T05	Glucose-6-phosphate isomerase
maker-8-augustus-gene-25.38-mRNA-1	Japonica	NA		Os08g0143300	OsR498G0815151700.01.T01	4-coumarate--CoA ligase-like 6
maker-8-augustus-gene-25.40-mRNA-1	Japonica	NA		Os08g0143500	OsR498G0815152100.01.T01	Beta-glucuronosyltransferase GlcAT14B
maker-8-augustus-gene-25.47-mRNA-1	Japonica	NA		Os08g0143400	OsR498G0815152000.01.T01	SWIRM domain-containing protein (Fragment)
maker-8-augustus-gene-25.49-mRNA-1	Japonica	NA		Os08g0143700	OsR498G0815153200.01.T01	DUF676 domain-containing protein (Fragment)
maker-8-augustus-gene-253.28-mRNA-1	Japonica	NA		Os08g0487000	OsR498G0816347700.01.T01	
maker-8-augustus-gene-255.35-mRNA-1	Japonica	NA		Os09g0291000		PttA/En/Spm family plant transposase
maker-8-augustus-gene-259.41-mRNA-1	Japonica	NA		Os08g0497600	OsR498G0816389500.01.T01	Putative WD repeat-containing protein C2A9.03 isoform B
maker-8-augustus-gene-260.33-mRNA-1	Japonica	NA	Kinase-TM	Os08g0501500	OsR498G0816405000.01.T01	Wall-associated receptor kinase 1
maker-8-augustus-gene-261.0-mRNA-1	Japonica	Japonica	Kinase-TM	Os08g0501600	OsR498G0816405300.01.T01	Wall associated kinase
maker-8-augustus-gene-261.6-mRNA-1	Japonica	NA		Os08g0502800	OsR498G0816410700.01.T01	Upstream activation factor subunit spp27 like
maker-8-augustus-gene-262.5-mRNA-1	Japonica	NA		Os08g0504600	OsR498G0816418500.01.T02	RRM domain-containing protein
maker-8-augustus-gene-262.9-mRNA-1	Japonica	NA		Os08g0504400	OsR498G0816418200.01.T03	Putative pigment biosynthesis protein
maker-8-augustus-gene-263.34-mRNA-1	Japonica	NA		Os08g0505200	OsR498G0816422700.01.T05	Dilute domain-containing protein
maker-8-augustus-gene-263.37-mRNA-1	Japonica	NA		Os08g0506000	OsR498G0816425700.01.T03	OTU domain-containing protein
maker-8-augustus-gene-263.40-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os08g0506400	OsR498G0816427500.01.T03	Receptor protein kinase-like protein ZAR1
maker-8-augustus-gene-263.42-mRNA-1	Japonica	Indica		Os06g0319700	OsR498G0816423000.01.T01	60S ribosomal protein L31
maker-8-augustus-gene-263.44-mRNA-1	Japonica	Japonica		Os08g0506500	OsR498G0816427800.01.T03	23S rRNA methyltransferase, putative
maker-8-augustus-gene-263.47-mRNA-1	Japonica	NA				Transposable element protein, putative, MuDR
maker-8-augustus-gene-264.35-mRNA-1	Japonica	NA		Os08g0506700	OsR498G0816428500.01.T01	Transcription factor bHLH130
maker-8-augustus-gene-265.32-mRNA-1	Japonica	NA		Os08g0508600	OsR498G0816438900.01.T01	Pre-rRNA-processing protein TSR2 like
maker-8-augustus-gene-265.35-mRNA-1	Japonica	Japonica		Os08g0509100	OsR498G0816440900.01.T02	Lipoxygenase 7, chloroplastic
maker-8-augustus-gene-265.37-mRNA-1	Japonica	Japonica		Os08g0509500	OsR498G0816442300.01.T03	G patch domain-containing protein 11
maker-8-augustus-gene-265.39-mRNA-1	Japonica	Japonica		Os08g0508500	OsR498G0917724200.01.T05	JmjC domain-containing protein (Fragment)
maker-8-augustus-gene-265.41-mRNA-1	Japonica	Japonica		Os08g0508800	OsR498G0816440900.01.T02	Lipoxygenase 7, chloroplastic
maker-8-augustus-gene-265.43-mRNA-1	Japonica	Japonica		Os08g0509200	OsR498G0816441200.01.T01	Beta-glucosidase 30
maker-8-augustus-gene-265.46-mRNA-1	Japonica	Japonica		Os08g0509400	OsR498G0917725800.01.T01	Beta-glucosidase 30
maker-8-augustus-gene-265.48-mRNA-1	Japonica	NA		Os08g0509600	OsR498G0816442600.01.T01	Squamosa promoter-binding-like protein 14
maker-8-augustus-gene-266.41-mRNA-1	Japonica	NA		Os08g0510300	OsR498G0816445100.01.T01	Potassium transporter
maker-8-augustus-gene-266.44-mRNA-1	Japonica	NA		Os08g0510500		ENT domain-containing protein
maker-8-augustus-gene-266.47-mRNA-1	Japonica	Japonica		Os08g0510900	OsR498G0816446700.01.T01	ENT domain-containing protein
maker-8-augustus-gene-266.50-mRNA-1	Japonica	Japonica		Os08g0510400	OsR498G0816445400.01.T03	3-oxoacyl-[acyl-carrier-protein] reductase FabG
maker-8-augustus-gene-266.55-mRNA-1	Japonica	Japonica		Os08g0510700	OsR498G0816445800.01.T04	Bromo domain-containing protein
maker-8-augustus-gene-266.57-mRNA-1	Japonica	NA		Os08g0511200	OsR498G0816447200.01.T01	CUP-SHAPED COTYLEDON 3
maker-8-augustus-gene-267.0-mRNA-1	Japonica	NA			OsR498G0816450700.01.T01	Serine/threonine-protein kinase pakG
maker-8-augustus-gene-267.13-mRNA-1	Japonica	NA	Kinase-TM	Os08g0512600	OsR498G0816453300.01.T01	Cyclin-dependent kinase B
maker-8-augustus-gene-267.16-mRNA-1	Japonica	Japonica		Os08g0512700	OsR498G0816454300.01.T01	3-hydroxy-3-methylglutaryl coenzyme A reductase
maker-8-augustus-gene-267.19-mRNA-1	Japonica	Japonica		Os08g0512900	OsR498G0816454500.01.T01	Dethiobiotin synthetase
maker-8-augustus-gene-267.2-mRNA-1	Japonica	NA			OsR498G0816451100.01.T01	HMA domain-containing protein (Fragment)
maker-8-augustus-gene-267.21-mRNA-1	Japonica	NA				Serine/threonine-protein phosphatase
maker-8-augustus-gene-267.27-mRNA-1	Japonica	NA		Os08g0513600		Proton pump-interactor 1
maker-8-augustus-gene-267.30-mRNA-1	Japonica	NA	LRR-TM		OsR498G0816450000.01.T02	Plant intracellular Ras-group-related LRR protein 4
maker-8-augustus-gene-267.32-mRNA-1	Japonica	NA		Os08g0511800	OsR498G0816450400.01.T01	Midasin like
maker-8-augustus-gene-267.34-mRNA-1	Japonica	NA				N-acyl-L-amino-acid amidohydrolase
maker-8-augustus-gene-267.4-mRNA-1	Japonica	Japonica		Os08g0512300	OsR498G0816451300.01.T01	Geranylgeranyl transferase type-2 subunit beta
maker-8-augustus-gene-267.9-mRNA-1	Japonica	NA		Os08g0512500	OsR498G0816453100.01.T01	PsbP domain-containing protein 3 chloroplastic
maker-8-augustus-gene-268.33-mRNA-1	Japonica	NA				Squamosa promoter-binding protein-like (SBP domain) transcription factor f

maker-8-augustus-gene-268.36-mRNA-1	Japonica	Japonica	Kinase-TM	Os08g0514000	OsR498G0816459900.01.T01	L-type lectin-domain containing receptor kinase IV.2
maker-8-augustus-gene-268.38-mRNA-1	Japonica	Indica	Kinase-TM	Os06g0328400	OsR498G0816460300.01.T01	Mitogen-activated protein kinase kinase kinase
maker-8-augustus-gene-269.35-mRNA-1	Japonica	Japonica		Os08g0515700	OsR498G0917737700.01.T01	DUF547 domain-containing protein (Fragment)
maker-8-augustus-gene-269.37-mRNA-1	Japonica	NA				BTB domain-containing protein
maker-8-augustus-gene-269.39-mRNA-1	Japonica	Japonica		Os08g0516900	OsR498G0816465500.01.T01	KID-containing protein
maker-8-augustus-gene-269.41-mRNA-1	Japonica	NA		Os08g0516000		UVR domain
maker-8-augustus-gene-269.44-mRNA-1	Japonica	NA				Calcium-transporting ATPase
maker-8-augustus-gene-269.47-mRNA-1	Japonica	NA			OsR498G0816466200.01.T06	Calcium-transporting ATPase
maker-8-augustus-gene-270.0-mRNA-1	Japonica	Japonica		Os08g0517700	OsR498G0816468300.01.T03	Oxysterol-binding protein-related protein 4C-like isoform X2
maker-8-augustus-gene-270.11-mRNA-1	Japonica	Japonica		Os08g0517300	OsR498G0816466800.01.T04	Serrate RNA effector molecule
maker-8-augustus-gene-270.15-mRNA-1	Japonica	Japonica		Os08g0517500	OsR498G0202973500.01.T01	FMN-binding split barrel
maker-8-augustus-gene-270.23-mRNA-1	Japonica	Indica		Os10g0146200	OsR498G0816468600.01.T01	Pathogenesis-related protein 5
maker-8-augustus-gene-270.25-mRNA-1	Japonica	NA		Os08g0517900	OsR498G0816468800.01.T01	30S ribosomal protein like
maker-8-augustus-gene-271.31-mRNA-1	Japonica	NA			OsR498G0816477500.01.T01	DUF632 domain-containing protein
maker-8-augustus-gene-271.45-mRNA-1	Japonica	Japonica		Os08g0520000	OsR498G0917743900.01.T01	probable mitochondrial adenine nucleotide transporter BTL1
maker-8-augustus-gene-271.47-mRNA-1	Japonica	NA		Os08g0520300		Oligouridylate-binding protein 1C
maker-8-augustus-gene-272.0-mRNA-1	Japonica	Japonica		Os08g0521000	OsR498G0816482100.01.T01	
maker-8-augustus-gene-272.13-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os08g0521200	OsR498G0816482400.01.T01	Putative transferase, protein kinase RLK-Pelle-LRR-III family
maker-8-augustus-gene-272.15-mRNA-1	Japonica	Indica		Os08g0521300	OsR498G0816482800.01.T01	Ras guanine nucleotide exchange factor K
maker-8-augustus-gene-272.18-mRNA-1	Japonica	NA		Os08g0521800	OsR498G0816483800.01.T01	L-ascorbate peroxidase (Fragment)
maker-8-augustus-gene-272.2-mRNA-1	Japonica	Japonica		Os08g0521400	OsR498G0816482900.01.T05	RanBP2-type zinc finger protein
maker-8-augustus-gene-272.21-mRNA-1	Japonica	NA		Os08g0522100		ATP-dependent DNA helicase
maker-8-augustus-gene-272.32-mRNA-1	Japonica	NA		Os08g0522400		L-ascorbate peroxidase
maker-8-augustus-gene-272.36-mRNA-1	Japonica	NA		Os08g0522500	OsR498G0816484800.01.T01	Chitinase
maker-8-augustus-gene-272.9-mRNA-1	Japonica	NA		Os08g0520900		Isoamylase 1, chloroplastic
maker-8-augustus-gene-273.40-mRNA-1	Japonica	NA		Os08g0522600	OsR498G0816484900.01.T01	DnaJ-X domain-containing protein
maker-8-augustus-gene-273.46-mRNA-1	Japonica	Indica		Os08g0564800	OsR498G0816487100.01.T01	mediator of RNA polymerase II transcription subunit 15a
maker-8-augustus-gene-273.50-mRNA-1	Japonica	Japonica		Os08g0524100	OsR498G0917754500.01.T01	Type II inositol polyphosphate 5-phosphatase 15
maker-8-augustus-gene-273.53-mRNA-1	Japonica	NA		Os08g0524000	OsR498G0816489400.01.T02	Signal recognition particle receptor subunit beta
maker-8-augustus-gene-273.56-mRNA-1	Japonica	Japonica		Os08g0524200	OsR498G0816490600.01.T01	Cytochrome b561 and DOMON domain-containing protein (Fragment)
maker-8-augustus-gene-274.0-mRNA-1	Japonica	Japonica		Os08g0524600	OsR498G0816492300.01.T01	60S ribosomal protein L32
maker-8-augustus-gene-274.13-mRNA-1	Japonica	NA		Os08g0525000	OsR498G0816495600.01.T01	Ras-related protein ARA-4
maker-8-augustus-gene-274.15-mRNA-1	Japonica	NA			OsR498G0816495800.01.T01	EPIDERMAL PATTERNING FACTOR-like protein 9
maker-8-augustus-gene-274.17-mRNA-1	Japonica	NA		Os08g0525700	OsR498G0816497000.01.T01	
maker-8-augustus-gene-274.20-mRNA-1	Japonica	Japonica		Os08g0525800	OsR498G0917759000.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-8-augustus-gene-274.22-mRNA-1	Japonica	NA				Glucan endo-1,3-beta-D-glucosidase
maker-8-augustus-gene-274.3-mRNA-1	Japonica	Japonica		Os08g0524800	OsR498G0917757000.01.T01	BHLH transcription factor
maker-8-augustus-gene-274.6-mRNA-1	Japonica	Japonica		Os08g0525600	OsR498G0816496700.01.T01	Peptidylprolyl isomerase
maker-8-augustus-gene-275.28-mRNA-1	Japonica	NA				Ferredoxin-plastoquinone reductase, PGR5-like protein 1, chloroplastic
maker-8-augustus-gene-275.32-mRNA-1	Japonica	NA		Os08g0526500	OsR498G0816500100.01.T02	Ankyrin repeat and SAM domain-containing protein 6
maker-8-augustus-gene-275.35-mRNA-1	Japonica	NA				UBA domain-containing protein (Fragment)
maker-8-augustus-gene-275.50-mRNA-1	Japonica	NA		Os08g0527400		Ubiquitinyl hydrolase 1
maker-8-augustus-gene-276.11-mRNA-1	Japonica	Japonica		Os08g0527900	OsR498G0816500700.01.T02	Ubiquitinyl hydrolase 1
maker-8-augustus-gene-276.7-mRNA-1	Japonica	NA				Ubiquitinyl hydrolase 1
maker-8-augustus-gene-278.14-mRNA-1	Japonica	NA				MADS-box transcription factor 56
maker-8-augustus-gene-278.18-mRNA-1	Japonica	NA		Os08g0532400	OsR498G0816520500.01.T01	Nodulin-like domain-containing protein (Fragment)
maker-8-augustus-gene-278.20-mRNA-1	Japonica	NA		Os08g0532200	OsR498G0816520200.01.T01	Glutamate-1-semialdehyde 2,1-aminomutase, chloroplastic
maker-8-augustus-gene-278.23-mRNA-1	Japonica	NA		Os08g0532300	OsR498G0816520400.01.T01	NTF2 domain-containing protein
maker-8-augustus-gene-278.26-mRNA-1	Japonica	NA		Os08g0532700	OsR498G0816521200.01.T01	Peroxidase
maker-8-augustus-gene-278.28-mRNA-1	Japonica	NA		Os08g0532800	OsR498G0816521800.01.T01	AAI domain-containing protein
maker-8-augustus-gene-278.30-mRNA-1	Japonica	NA		Os08g0532900	OsR498G0816522000.01.T01	Transmembrane emp24 domain-containing protein 3
maker-8-augustus-gene-278.5-mRNA-1	Japonica	NA		Os08g0531600	OsR498G0816518900.01.T01	Teosinte glume architecture 1
maker-8-augustus-gene-278.8-mRNA-1	Japonica	NA		Os08g0531700	OsR498G0816519300.01.T05	Developmental protein like
maker-8-augustus-gene-279.30-mRNA-1	Japonica	NA		Os08g0533300	OsR498G0816523500.01.T01	ACT domain-containing protein ACR4
maker-8-augustus-gene-279.32-mRNA-1	Japonica	NA		Os08g0533600	OsR498G0816524700.01.T02	ACT domain repeat 6
maker-8-augustus-gene-279.36-mRNA-1	Japonica	NA		Os08g0533700	OsR498G0816524900.01.T03	Vesicle transport protein, Use
maker-8-augustus-gene-279.45-mRNA-1	Japonica	NA		Os08g0534900	OsR498G0816525300.01.T04	TOG domain-containing protein (Fragment)
maker-8-augustus-gene-280.103-mRNA-1	Japonica	NA		Os08g0535100	OsR498G0816528200.01.T01	
maker-8-augustus-gene-280.105-mRNA-1	Japonica	NA		Os08g0535200	OsR498G0816529000.01.T01	Bidirectional sugar transporter SWEET
maker-8-augustus-gene-281.20-mRNA-1	Japonica	Japonica		Os08g0535700	OsR498G0816530900.01.T01	Glycerophosphodiester phosphodiesterase
maker-8-augustus-gene-281.24-mRNA-1	Japonica	NA		Os08g0535800	OsR498G0816531500.01.T01	NAC transcription factor

maker-8-augustus-gene-281.27-mRNA-1	Japonica	NA		Os08g0536000	OsR498G0816532500.01.T01	Pyruvate dehydrogenase (acetyl-transferring)
maker-8-augustus-gene-281.31-mRNA-1	Japonica	Indica		Os08g0536100	OsR498G0816532700.01.T01	
maker-8-augustus-gene-281.36-mRNA-1	Japonica	NA		Os08g0536200	OsR498G0816532900.01.T01	
maker-8-augustus-gene-281.38-mRNA-1	Japonica	NA		Os08g0535400	OsR498G0816530400.01.T02	S-acyltransferase
maker-8-augustus-gene-281.41-mRNA-1	Japonica	Japonica		Os08g0535600	OsR498G1220874000.01.T02	Mitochondrial import inner membrane translocase subunit
maker-8-augustus-gene-281.43-mRNA-1	Japonica	NA		Os08g0536300	OsR498G0816533200.01.T01	Zinc finger, B-box
maker-8-augustus-gene-282.0-mRNA-1	Japonica	NA				NOP5NT domain-containing protein
maker-8-augustus-gene-282.2-mRNA-1	Japonica	Indica		Os09g0510500	OsR498G0816537200.01.T02	BHLH transcription factor
maker-8-augustus-gene-282.7-mRNA-1	Japonica	NA		Os08g0537600	OsR498G0816540800.01.T02	Discolored-paralog2
maker-8-augustus-gene-283.0-mRNA-1	Japonica	NA			OsR498G0816541500.01.T04	O-fucosyltransferase family protein
maker-8-augustus-gene-283.16-mRNA-1	Japonica	NA		Os08g0538600	OsR498G0816542900.01.T03	Stress up-regulated Nod 19
maker-8-augustus-gene-283.19-mRNA-1	Japonica	NA		Os08g0539300	OsR498G0816544900.01.T01	RING/U-box superfamily protein (Fragment)
maker-8-augustus-gene-283.25-mRNA-1	Japonica	NA			OsR498G0816541400.01.T01	Ubiquitin thioesterase
maker-8-augustus-gene-283.30-mRNA-1	Japonica	NA			OsR498G0816543200.01.T02	Retinoblastoma family3
maker-8-augustus-gene-283.36-mRNA-1	Japonica	NA			OsR498G0816543400.01.T01	DNA polymerase zeta processivity subunit like
maker-8-augustus-gene-283.37-mRNA-1	Japonica	NA		Os08g0538800	OsR498G0816543400.01.T03	Pentatricopeptide repeat-containing protein, chloroplastic
maker-8-augustus-gene-283.4-mRNA-1	Japonica	NA		Os08g0538000	OsR498G0816541900.01.T01	Diadenosine tetraphosphate synthetase
maker-8-augustus-gene-283.42-mRNA-1	Japonica	NA				S-acyltransferase
maker-8-augustus-gene-283.9-mRNA-1	Japonica	NA	Kinase-TM	Os08g0538300	OsR498G0816542500.01.T02	Chitin elicitor receptor kinase 1
maker-8-augustus-gene-284.0-mRNA-1	Japonica	Indica		Os09g0513000	OsR498G0816548500.01.T01	Ankyrin repeat domain-containing protein 2
maker-8-augustus-gene-284.12-mRNA-1	Japonica	NA		Os08g0540300	OsR498G0816551500.01.T01	probable E3 ubiquitin-protein ligase ARI8
maker-8-augustus-gene-284.17-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os08g0539400	OsR498G0816548000.01.T01	Resistance protein RGA2
maker-8-augustus-gene-284.19-mRNA-1	Japonica	NA				Solute carrier family 35 member F1
maker-8-augustus-gene-284.25-mRNA-1	Japonica	NA		Os08g0540400	OsR498G0816552000.01.T01	Calcium-dependent protein kinase
maker-8-augustus-gene-284.4-mRNA-1	Japonica	NA	CC-LRR-NBS-TM	Os08g0539700	OsR498G0816548900.01.T01	Brown planthopper resistance protein BPH1/9
maker-8-augustus-gene-284.6-mRNA-1	Japonica	Indica	PIBH8	Os08g0539700	OsR498G0816550100.01.T01	Brown planthopper resistance protein BPH1/9
maker-8-augustus-gene-284.7-mRNA-1	Japonica	Indica	LRR-NBS-TM	Os08g0539700	OsR498G0816550500.01.T01	Pib variant protein (Fragment)
maker-8-augustus-gene-284.9-mRNA-1	Japonica	NA		Os08g0540100	OsR498G0816550900.01.T01	Biotin synthase, mitochondrial
maker-8-augustus-gene-285.44-mRNA-1	Japonica	NA		Os08g0540500	OsR498G0816552100.01.T04	Bin3-type SAM domain-containing protein
maker-8-augustus-gene-285.49-mRNA-1	Japonica	Indica		Os08g0541400	OsR498G0816552900.01.T01	Peptidylprolyl isomerase
maker-8-augustus-gene-285.52-mRNA-1	Japonica	NA		Os08g0542100	OsR498G0816554900.01.T01	60S ribosomal protein L7
maker-8-augustus-gene-285.55-mRNA-1	Japonica	NA	LRR		OsR498G0816555300.01.T02	NB-ARC domain-containing protein
maker-8-augustus-gene-285.62-mRNA-1	Japonica	NA		Os08g0542700	OsR498G0816557100.01.T01	Ankyrin repeat
maker-8-augustus-gene-285.64-mRNA-1	Japonica	NA		Os08g0541500	OsR498G0816554000.01.T01	PHD finger protein rhinoceros-like
maker-8-augustus-gene-285.66-mRNA-1	Japonica	Indica		Os12g0628500	OsR498G0816554800.01.T02	Methionine aminopeptidase 2
maker-8-augustus-gene-286.0-mRNA-1	Japonica	NA		Os08g0542900	OsR498G0816557500.01.T01	HTH La-type RNA-binding domain-containing protein (Fragment)
maker-8-augustus-gene-286.10-mRNA-1	Japonica	NA			OsR498G0816557800.01.T01	
maker-8-augustus-gene-286.12-mRNA-1	Japonica	NA				Dynein heavy chain, cytoplasmic
maker-8-augustus-gene-286.5-mRNA-1	Japonica	Japonica		Os08g0543400	OsR498G0816559900.01.T04	Putrescine hydroxycinnamoyltransferase 1
maker-8-augustus-gene-286.8-mRNA-1	Japonica	NA		Os08g0543900	OsR498G0816562300.01.T06	probable transcription factor PosF21
maker-8-augustus-gene-287.31-mRNA-1	Japonica	NA			OsR498G0816563700.01.T02	ABC transporter domain-containing protein
maker-8-augustus-gene-287.35-mRNA-1	Japonica	NA		Os08g0544900	OsR498G0816564900.01.T03	3-hydroxy-3-methylglutaryl coenzyme A synthase
maker-8-augustus-gene-287.40-mRNA-1	Japonica	NA			OsR498G0816567100.01.T03	Pheromone shutdown, TraB
maker-8-augustus-gene-287.42-mRNA-1	Japonica	NA		Os08g0544500	OsR498G0816564000.01.T06	Nck-associated protein 1
maker-8-augustus-gene-287.45-mRNA-1	Japonica	NA		Os08g0545600		Aldehyde oxygenase (deformylating)
maker-8-augustus-gene-287.47-mRNA-1	Japonica	NA		Os08g0545800	OsR498G0816567400.01.T01	
maker-8-augustus-gene-287.49-mRNA-1	Japonica	Japonica		Os08g0546100	OsR498G0816568800.01.T01	BCL-2-associated athanogene
maker-8-augustus-gene-288.0-mRNA-1	Japonica	NA			OsR498G0816569300.01.T01	AAI domain-containing protein (Fragment)
maker-8-augustus-gene-288.14-mRNA-1	Japonica	NA		Os08g0546700	OsR498G0816570400.01.T01	RHOMBOLD-like protein (Fragment)
maker-8-augustus-gene-288.18-mRNA-1	Japonica	Japonica		Os08g0546800	OsR498G0816570600.01.T01	Heat-responsive transcription factor
maker-8-augustus-gene-288.2-mRNA-1	Japonica	NA		Os08g0547100	OsR498G0816571500.01.T01	Probable 6-phosphogluconolactonase 3, chloroplastic
maker-8-augustus-gene-288.22-mRNA-1	Japonica	NA		Os08g0546900	OsR498G0816571000.01.T01	LRAT domain-containing protein (Fragment)
maker-8-augustus-gene-288.24-mRNA-1	Japonica	NA		Os08g0547300	OsR498G0816572600.01.T01	Cytochrome P450 family 78 subfamily A polypeptide 8
maker-8-augustus-gene-288.26-mRNA-1	Japonica	NA		Os08g0547500	OsR498G0816573200.01.T01	Kinesin motor domain-containing protein
maker-8-augustus-gene-288.31-mRNA-1	Japonica	NA		Os08g0547600	OsR498G0816574600.01.T02	Protein SHORT INTERNODES
maker-8-augustus-gene-288.8-mRNA-1	Japonica	NA		Os08g0546400	OsR498G0816569600.01.T01	Plant UBX domain-containing protein 8
maker-8-augustus-gene-289.33-mRNA-1	Japonica	NA		Os08g0548200	OsR498G0816577700.01.T01	ER lumen protein-retaining receptor
maker-8-augustus-gene-289.38-mRNA-1	Japonica	NA		Os08g0548300	OsR498G0816577900.01.T01	E3 ubiquitin ligase BIG BROther-related
maker-8-augustus-gene-289.44-mRNA-1	Japonica	Indica		Os09g0536400	OsR498G0816579700.01.T02	Thaumatococcus-like protein 1b
maker-8-augustus-gene-289.48-mRNA-1	Japonica	Indica		Os08g0548000	OsR498G0816577200.01.T03	MYB transcriptional factor
maker-8-augustus-gene-289.50-mRNA-1	Japonica	NA		Os08g0549000	OsR498G0816581200.01.T01	MYB domain class transcription factor

maker-8-augustus-gene-289.52-mRNA-1	Japonica	NA		Os08g0549100	OsR498G0816581800.01.T02	Peroxisomal ascorbate peroxidase
maker-8-augustus-gene-290.0-mRNA-1	Japonica	NA		Os08g0549200	OsR498G0816581900.01.T01	SUEL-type lectin domain-containing protein
maker-8-augustus-gene-290.11-mRNA-1	Japonica	NA		Os08g0551200	OsR498G0816586500.01.T01	DUF632 domain-containing protein
maker-8-augustus-gene-290.15-mRNA-1	Japonica	NA		Os08g0549300	OsR498G0816582400.01.T01	Acyl carrier protein 3, chloroplastic
maker-8-augustus-gene-290.19-mRNA-1	Japonica	NA		Os08g0550100	OsR498G0816584000.01.T01	26S proteasome non-ATPase regulatory subunit 3
maker-8-augustus-gene-290.23-mRNA-1	Japonica	NA		Os08g0550200	OsR498G0816584200.01.T01	Protein DETOXIFICATION
maker-8-augustus-gene-290.27-mRNA-1	Japonica	NA		Os08g0550400	OsR498G0816584800.01.T01	NEP1-interacting protein 1
maker-8-augustus-gene-290.3-mRNA-1	Japonica	NA		Os08g0549600	OsR498G0816583100.01.T01	BZIP domain-containing protein
maker-8-augustus-gene-290.5-mRNA-1	Japonica	NA			OsR498G0816585300.01.T01	Glutathione transferase
maker-8-augustus-gene-290.9-mRNA-1	Japonica	NA		Os08g0550600	OsR498G0816585700.01.T01	Cation/H(+) antiporter 2
maker-8-augustus-gene-291.0-mRNA-1	Japonica	Japonica		Os08g0553000	OsR498G0816589300.01.T01	
maker-8-augustus-gene-291.1-mRNA-1	Japonica	NA		Os08g0553500	OsR498G0816589700.01.T01	
maker-8-augustus-gene-291.11-mRNA-1	Japonica	Japonica		Os08g0554300	OsR498G0816591100.01.T03	Rhamnogalacturonan endolyase
maker-8-augustus-gene-291.2-mRNA-1	Japonica	NA		Os08g0554000	OsR498G0816590700.01.T06	WD repeat-containing protein DWA2
maker-8-augustus-gene-291.20-mRNA-1	Japonica	NA				FBD domain-containing protein
maker-8-augustus-gene-291.24-mRNA-1	Japonica	NA		Os08g0552700		
maker-8-augustus-gene-291.27-mRNA-1	Japonica	NA		Os08g0553800	OsR498G0816590200.01.T02	NmrA domain-containing protein (Fragment)
maker-8-augustus-gene-291.30-mRNA-1	Japonica	NA		Os08g0554400		Indeterminate domain p1
maker-8-augustus-gene-291.6-mRNA-1	Japonica	NA			OsR498G0816590900.01.T06	O-fucosyltransferase family protein (Fragment)
maker-8-augustus-gene-292.40-mRNA-1	Japonica	NA		Os08g0554900	OsR498G0816593500.01.T01	Transmembrane 9 superfamily member
maker-8-augustus-gene-292.41-mRNA-1	Japonica	NA		Os08g0554900	OsR498G0816593500.01.T01	Transmembrane 9 superfamily member
maker-8-augustus-gene-292.42-mRNA-1	Japonica	NA		Os08g0555200	OsR498G0816594700.01.T01	Transmembrane 9 superfamily member
maker-8-augustus-gene-292.61-mRNA-1	Japonica	Indica		Os09g0557800	OsR498G0816594900.01.T02	Transmembrane 9 superfamily member
maker-8-augustus-gene-292.63-mRNA-1	Japonica	NA		Os08g0555800	OsR498G0816595900.01.T05	Multipolar spindle 1
maker-8-augustus-gene-292.68-mRNA-1	Japonica	NA		Os08g0556200	OsR498G0816597300.01.T02	7,8-dihydroneopterin aldolase
maker-8-augustus-gene-292.79-mRNA-1	Japonica	NA		Os08g0556600	OsR498G0816598500.01.T01	Fiber protein Fb14
maker-8-augustus-gene-292.83-mRNA-1	Japonica	NA		Os08g0556000	OsR498G0816597000.01.T02	YTH domain-containing family protein 1
maker-8-augustus-gene-292.88-mRNA-1	Japonica	Indica		Os08g0556300	OsR498G0816597800.01.T01	GLTP domain-containing protein
maker-8-augustus-gene-293.0-mRNA-1	Japonica	NA		Os08g0557000	OsR498G0816599700.01.T01	Protein-L-isoaspartate(D-aspartate) O-methyltransferase
maker-8-augustus-gene-293.11-mRNA-1	Japonica	NA		Os08g0557800	OsR498G0816602100.01.T01	Fatty acyl-CoA reductase
maker-8-augustus-gene-293.15-mRNA-1	Japonica	NA		Os08g0558200	OsR498G0816603500.01.T01	Thioredoxin family protein isoform 2
maker-8-augustus-gene-293.2-mRNA-1	Japonica	NA			OsR498G0816601500.01.T06	Peptidylprolyl isomerase
maker-8-augustus-gene-293.20-mRNA-1	Japonica	NA			OsR498G0816598800.01.T02	Phosphatidylinositol-3-phosphatase myotubularin-1
maker-8-augustus-gene-293.26-mRNA-1	Japonica	Indica		Os08g0557100	OsR498G0816600000.01.T01	Ribonucleoprotein, chloroplastic
maker-8-augustus-gene-293.29-mRNA-1	Japonica	NA		Os08g0557400	OsR498G0816600800.01.T01	Acid phosphatase
maker-8-augustus-gene-293.32-mRNA-1	Japonica	NA		Os08g0557900	OsR498G0816602400.01.T03	Uridine nucleosidase 1
maker-8-augustus-gene-293.35-mRNA-1	Japonica	NA		Os08g0558100	OsR498G0816602800.01.T03	Calcium-binding protein CML48
maker-8-augustus-gene-293.4-mRNA-1	Japonica	Japonica		Os08g0557600	OsR498G0917967100.01.T03	Monodehydroascorbate reductase
maker-8-augustus-gene-293.40-mRNA-1	Japonica	NA				Kinesin-like protein KIN-5C
maker-8-augustus-gene-293.45-mRNA-1	Japonica	NA		Os08g0558600	OsR498G0816605000.01.T02	Vesicle-associated membrane protein 727
maker-8-augustus-gene-293.6-mRNA-1	Japonica	NA		Os08g0557700	OsR498G0816601700.01.T01	Histidine-containing phosphotransfer protein 1
maker-8-augustus-gene-294.46-mRNA-1	Japonica	NA		Os08g0558900	OsR498G0816605700.01.T01	ATPase inhibitor, IATP, mitochondria
maker-8-augustus-gene-294.48-mRNA-1	Japonica	NA		Os08g0559200	OsR498G0816606100.01.T01	40S ribosomal protein S25
maker-8-augustus-gene-294.51-mRNA-1	Japonica	NA		Os08g0559300	OsR498G0816606900.01.T01	Probable UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase
maker-8-augustus-gene-294.57-mRNA-1	Japonica	NA		Os08g0559600	OsR498G0816607900.01.T01	dihydroxy-acid dehydratase, chloroplastic-like
maker-8-augustus-gene-294.62-mRNA-1	Japonica	NA		Os08g0559700	OsR498G0816608100.01.T04	
maker-8-augustus-gene-294.65-mRNA-1	Japonica	NA		Os08g0559900	OsR498G0816608500.01.T02	Nucleotidyltransferase family protein
maker-8-augustus-gene-294.71-mRNA-1	Japonica	NA		Os08g0560500	OsR498G0816612500.01.T01	Carboxypeptidase
maker-8-augustus-gene-294.76-mRNA-1	Japonica	NA		Os08g0558700	OsR498G0816605200.01.T01	MMtag domain-containing protein (Fragment)
maker-8-augustus-gene-294.79-mRNA-1	Japonica	Indica		Os08g0559000	OsR498G0816606000.01.T02	Copper ion binding isoform 1
maker-8-augustus-gene-294.81-mRNA-1	Japonica	Indica		Os08g0559400	OsR498G0816607600.01.T02	Peptidyl-prolyl cis-trans isomerase
maker-8-augustus-gene-294.88-mRNA-1	Japonica	Indica		Os08g0559800	OsR498G0816608400.01.T01	
maker-8-augustus-gene-294.93-mRNA-1	Japonica	Indica		Os08g0560600	OsR498G0816612800.01.T01	DnaJ subfamily C member like
maker-8-augustus-gene-295.41-mRNA-1	Japonica	NA		Os08g0561500	OsR498G0816615300.01.T01	
maker-8-augustus-gene-295.47-mRNA-1	Japonica	NA		Os08g0561900	OsR498G0816616300.01.T01	Expansin
maker-8-augustus-gene-295.49-mRNA-1	Japonica	NA		Os08g0562100	OsR498G0816616900.01.T01	Malate dehydrogenase
maker-8-augustus-gene-295.52-mRNA-1	Japonica	NA		Os08g0561600	OsR498G0816615600.01.T01	Upstream of FLC1 protein isoform X8
maker-8-augustus-gene-295.55-mRNA-1	Japonica	NA		Os08g0562200	OsR498G0816617200.01.T01	NAC transcription factor
maker-8-augustus-gene-295.58-mRNA-1	Japonica	NA		Os08g0562300		Protein SENSITIVE TO PROTON RHIZOTOXICITY like
maker-8-augustus-gene-295.59-mRNA-1	Japonica	NA		Os08g0562500	OsR498G0816619200.01.T01	BAHD acyltransferase DCR
maker-8-augustus-gene-295.61-mRNA-1	Japonica	NA			OsR498G0816619600.01.T07	Puromycin-sensitive aminopeptidase

maker-8-augustus-gene-296.0-mRNA-1	Japonica	NA			OsR498G0816620300.01.T02	
maker-8-augustus-gene-296.2-mRNA-1	Japonica	NA		Os08g0563300	OsR498G0816620200.01.T01	t-SNARE coiled-coil homology domain-containing protein (Fragment)
maker-8-augustus-gene-296.4-mRNA-1	Japonica	NA		Os08g0564100	OsR498G0816623400.01.T01	ABC transporter GCN1
maker-8-augustus-gene-297.0-mRNA-1	Japonica	NA				GTP diphosphokinase
maker-8-augustus-gene-297.15-mRNA-1	Japonica	NA		Os08g0566600	OsR498G0816632900.01.T01	Proton gradient regulation 5
maker-8-augustus-gene-297.17-mRNA-1	Japonica	NA		Os08g0566900	OsR498G0816634100.01.T04	Peroxisomal membrane protein PMP22
maker-8-augustus-gene-297.19-mRNA-1	Japonica	NA		Os08g0567000	OsR498G0816634700.01.T01	Type 1 membrane protein-like
maker-8-augustus-gene-297.2-mRNA-1	Japonica	NA		Os08g0565800	OsR498G0816631300.01.T01	Glutaredoxin-C5 chloroplastic
maker-8-augustus-gene-297.24-mRNA-1	Japonica	NA		Os08g0564800	OsR498G0816627600.01.T02	Mediator of RNA polymerase II transcription subunit 15a
maker-8-augustus-gene-297.32-mRNA-1	Japonica	NA		Os08g0566000	OsR498G0816631800.01.T01	Bifunctional TH2 protein, mitochondrial
maker-8-augustus-gene-297.35-mRNA-1	Japonica	NA		Os08g0566100	OsR498G0816632600.01.T01	Carboxyl-terminal peptidase-like
maker-8-augustus-gene-297.40-mRNA-1	Japonica	Japonica		Os08g0566700	OsR498G0816633400.01.T01	Exocyst complex component EXO84C
maker-8-augustus-gene-297.7-mRNA-1	Japonica	NA		Os08g0565900	OsR498G0816631500.01.T01	GDSL esterase/lipase
maker-8-augustus-gene-297.9-mRNA-1	Japonica	NA		Os08g0566400	OsR498G0816632700.01.T01	Ketohexokinase
maker-8-augustus-gene-3.34-mRNA-1	Japonica	NA		Os08g0104700	OsR498G0815035700.01.T02	1-phosphatidylinositol-3-phosphate 5-kinase
maker-8-augustus-gene-3.37-mRNA-1	Japonica	Indica		Os08g0106300	OsR498G0815039700.01.T01	Indole-2-monooxygenase
maker-8-augustus-gene-3.39-mRNA-1	Japonica	NA		Os08g0104100	OsR498G0815033400.01.T01	Transmembrane protein 18
maker-8-augustus-gene-3.47-mRNA-1	Japonica	NA		Os08g0105100	OsR498G0815038000.01.T02	F-box protein isoform B
maker-8-augustus-gene-3.51-mRNA-1	Japonica	NA		Os08g0105800	OsR498G0815039000.01.T01	Indole-2-monooxygenase
maker-8-augustus-gene-31.60-mRNA-1	Japonica	NA		Os08g0150500		F-box domain-containing protein
maker-8-augustus-gene-31.62-mRNA-1	Japonica	NA			OsR498G0815196000.01.T02	FBD domain-containing protein
maker-8-augustus-gene-37.16-mRNA-1	Japonica	Indica		Os08g0160300	OsR498G0815241900.01.T02	probable transcription factor KAN2
maker-8-augustus-gene-37.21-mRNA-1	Japonica	NA		Os08g0159800	OsR498G0815240600.01.T01	Zinc finger CCCH domain-containing protein 56
maker-8-augustus-gene-37.23-mRNA-1	Japonica	NA		Os08g0160000	OsR498G0815241200.01.T01	THO complex subunit 7
maker-8-augustus-gene-37.25-mRNA-1	Japonica	NA		Os08g0160500	OsR498G0815243400.01.T01	Probable mixed-linked glucan synthase 6
maker-8-augustus-gene-38.0-mRNA-1	Japonica	NA			OsR498G0815247100.01.T01	
maker-8-augustus-gene-38.10-mRNA-1	Japonica	Indica		Os05g0243300	OsR498G0815249300.01.T01	Ribosomal protein L13
maker-8-augustus-gene-38.15-mRNA-1	Japonica	NA			OsR498G0815247000.01.T01	
maker-8-augustus-gene-38.17-mRNA-1	Japonica	NA		Os08g0161500	OsR498G0815247400.01.T02	Abhydrolase domain-containing protein
maker-8-augustus-gene-38.2-mRNA-1	Japonica	NA		Os08g0161700	OsR498G0815247900.01.T01	Putative Zinc finger, CHCC-type
maker-8-augustus-gene-38.21-mRNA-1	Japonica	NA		Os08g0161800	OsR498G0815248400.01.T01	Choline-phosphate cytidylyltransferase B
maker-8-augustus-gene-38.23-mRNA-1	Japonica	Indica		Os08g0161900	OsR498G0815248600.01.T01	DnaJ protein like
maker-8-augustus-gene-38.4-mRNA-1	Japonica	NA			OsR498G0815248100.01.T01	Secretory carrier-associated membrane protein (Fragment)
maker-8-augustus-gene-38.6-mRNA-1	Japonica	Indica		Os03g0237000	OsR498G0815249100.01.T01	Transmembrane 9 superfamily member
maker-8-augustus-gene-39.0-mRNA-1	Japonica	NA		Os08g0162100	OsR498G0815251300.01.T01	Topless-related protein 1
maker-8-augustus-gene-39.13-mRNA-1	Japonica	NA		Os08g0162600	OsR498G0815253500.01.T01	Rubredoxin-1 (Fragment)
maker-8-augustus-gene-39.19-mRNA-1	Japonica	NA		Os08g0163400	OsR498G0815255900.01.T01	RNA polymerase sigma factor sigA
maker-8-augustus-gene-39.28-mRNA-1	Japonica	NA		Os08g0163100	OsR498G0306434400.01.T02	Nuf2 family protein, expressed
maker-8-augustus-gene-39.6-mRNA-1	Japonica	NA			OsR498G0815252500.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-8-augustus-gene-39.8-mRNA-1	Japonica	NA		Os08g0162500	OsR498G0815253300.01.T01	
maker-8-augustus-gene-4.44-mRNA-1	Japonica	NA		Os08g0106300	OsR498G0815040500.01.T01	Indole-2-monooxygenase
maker-8-augustus-gene-4.46-mRNA-1	Japonica	NA		Os08g0107300	OsR498G0815042100.01.T01	Putative polygalacturonase
maker-8-augustus-gene-4.49-mRNA-1	Japonica	NA		Os08g0107500	OsR498G0815042500.01.T02	Ribosome maturation protein SBDS
maker-8-augustus-gene-4.51-mRNA-1	Japonica	NA		Os08g0107600	OsR498G0815042700.01.T01	DRMBL domain-containing protein (Fragment)
maker-8-augustus-gene-4.54-mRNA-1	Japonica	NA		Os08g0107900	OsR498G0815044300.01.T02	Mago nashi family, integral exon junction complex protein
maker-8-augustus-gene-4.56-mRNA-1	Japonica	NA		Os08g0108200	OsR498G0815045300.01.T01	Chromatin assembly factor 1 subunit B
maker-8-augustus-gene-4.63-mRNA-1	Japonica	NA				GDP-mannose transporter GONST1
maker-8-augustus-gene-40.53-mRNA-1	Japonica	Japonica		Os08g0164300	OsR498G0815258700.01.T01	DUF569 domain-containing protein
maker-8-augustus-gene-40.56-mRNA-1	Japonica	NA				Deoxyribonuclease TATDN1
maker-8-augustus-gene-40.64-mRNA-1	Japonica	Japonica		Os08g0163900	OsR498G0815257600.01.T01	DUF569 domain-containing protein
maker-8-augustus-gene-40.66-mRNA-1	Japonica	NA		Os08g0164000		DUF569 domain-containing protein (Fragment)
maker-8-augustus-gene-40.69-mRNA-1	Japonica	NA		Os08g0164100	OsR498G0815258200.01.T01	DUF295 domain-containing protein (Fragment)
maker-8-augustus-gene-42.36-mRNA-1	Japonica	NA		Os08g0169100		
maker-8-augustus-gene-42.39-mRNA-1	Japonica	Japonica		Os08g0169300	OsR498G0815275500.01.T01	Putative flavonoid 7-O-methyltransferase
maker-8-augustus-gene-42.48-mRNA-1	Japonica	NA		Os08g0169800	OsR498G0815277100.01.T03	Haloacid dehalogenase-like hydrolase domain-containing protein 3
maker-8-augustus-gene-42.50-mRNA-1	Japonica	NA			OsR498G0815275800.01.T01	UDP-glycosyltransferase 85A3
maker-8-augustus-gene-42.52-mRNA-1	Japonica	NA			OsR498G0815277000.01.T01	Thyroid adenoma-associated
maker-8-augustus-gene-42.55-mRNA-1	Japonica	Indica	CC-LRR-NBS-TM	Os08g0170700	OsR498G0815277600.01.T01	NAC domain-containing protein
maker-8-augustus-gene-42.57-mRNA-1	Japonica	NA			OsR498G0815279200.01.T01	
maker-8-augustus-gene-44.8-mRNA-1	Japonica	NA			OsR498G0815293500.01.T01	
maker-8-augustus-gene-45.30-mRNA-1	Japonica	Indica		Os08g0173600	OsR498G0815296500.01.T01	

maker-8-augustus-gene-45.32-mRNA-1	Japonica	NA		Os08g0174300	OsR498G0815297700.01.T01	Anthocyanin 5-aromatic acyltransferase
maker-8-augustus-gene-45.34-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os08g0174700	OsR498G0815299300.01.T01	Non-specific serine/threonine protein kinase
maker-8-augustus-gene-45.38-mRNA-1	Japonica	NA	CC-NBS-TM		OsR498G0815299900.01.T02	Putative CC-NBS-LRR resistance protein MLA13
maker-8-augustus-gene-45.40-mRNA-1	Japonica	Japonica	Kinase-TM	Os08g0174800	OsR498G0815299300.01.T01	LRR receptor kinase BAK1
maker-8-augustus-gene-45.42-mRNA-1	Japonica	NA		Os08g0174900	OsR498G0815300300.01.T01	RNA-binding
maker-8-augustus-gene-45.44-mRNA-1	Japonica	NA		Os08g0442200	OsR498G0816183800.01.T01	Strictosidine synthase 1
maker-8-augustus-gene-45.45-mRNA-1	Japonica	Indica		Os08g0174100	OsR498G0815297600.01.T01	Phenolic glucoside malonyltransferase 2
maker-8-augustus-gene-45.47-mRNA-1	Japonica	NA		Os08g0175200	OsR498G0815301600.01.T01	Putative vacuolar protein sorting-associated protein 1st1
maker-8-augustus-gene-46.37-mRNA-1	Japonica	NA		Os08g0176100	OsR498G0815302500.01.T01	Phosphopantothenate-cysteine ligase
maker-8-augustus-gene-46.43-mRNA-1	Japonica	NA	NBS-TM			Disease resistance RPP13-like protein 4
maker-8-augustus-gene-46.46-mRNA-1	Japonica	NA		Os08g0175300	OsR498G0815301800.01.T04	White seedling2
maker-8-augustus-gene-46.47-mRNA-1	Japonica	NA		Os08g0175300	OsR498G0815302200.01.T03	DNA polymerase I B, mitochondrial
maker-8-augustus-gene-47.28-mRNA-1	Japonica	NA		Os08g0177700	OsR498G0815307300.01.T01	Sm domain-containing protein (Fragment)
maker-8-augustus-gene-47.38-mRNA-1	Japonica	NA				Plant polyA+ RNA export protein
maker-8-augustus-gene-47.43-mRNA-1	Japonica	NA			OsR498G0815304200.01.T01	Transcription factor TGA4
maker-8-augustus-gene-47.46-mRNA-1	Japonica	NA			OsR498G0815305000.01.T03	Chromatin modification-related protein EAF1 A
maker-8-augustus-gene-47.47-mRNA-1	Japonica	NA		Os08g0177300	OsR498G0815305000.01.T05	Chromatin modification-related protein EAF1 B
maker-8-augustus-gene-47.56-mRNA-1	Japonica	Indica		Os04g0635900	OsR498G0815306800.01.T01	Double-strand break repair protein MRE11
maker-8-augustus-gene-47.58-mRNA-1	Japonica	Indica		Os04g0635900	OsR498G0815307000.01.T01	Double-strand break repair protein MRE11
maker-8-augustus-gene-48.33-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0815310900.01.T05	Non-specific serine/threonine protein kinase
maker-8-augustus-gene-48.37-mRNA-1	Japonica	NA		Os08g0179900	OsR498G0815313300.01.T02	
maker-8-augustus-gene-48.40-mRNA-1	Japonica	NA			OsR498G0815313700.01.T01	Histone-lysine N-methyltransferase ATXR3
maker-8-augustus-gene-48.47-mRNA-1	Japonica	NA		Os08g0178700	OsR498G0815309600.01.T01	diacylglycerol kinase
maker-8-augustus-gene-48.53-mRNA-1	Japonica	NA		Os08g0178900	OsR498G0408688000.01.T01	NAM-associated domain-containing protein (Fragment)
maker-8-augustus-gene-48.57-mRNA-1	Japonica	NA		Os08g0179400		BHLH domain-containing protein (Fragment)
maker-8-augustus-gene-48.59-mRNA-1	Japonica	NA		Os08g0180000	OsR498G0815313600.01.T01	mRNA cap guanine-N7 methyltransferase
maker-8-augustus-gene-49.0-mRNA-1	Japonica	NA		Os08g0180300	OsR498G0815314100.01.T02	Putative SNF2-domain/RING finger domain/helicase domain protein
maker-8-augustus-gene-49.5-mRNA-1	Japonica	NA			OsR498G0815314500.01.T01	BED-type domain-containing protein
maker-8-augustus-gene-5.0-mRNA-1	Japonica	NA		Os08g0109000	OsR498G0815048900.01.T01	Target of Myb protein 1
maker-8-augustus-gene-5.10-mRNA-1	Japonica	NA				Phosphoinositide phosphatase SAC1
maker-8-augustus-gene-5.13-mRNA-1	Japonica	Japonica		Os08g0109200	OsR498G0612486200.01.T01	Succinate-semialdehyde dehydrogenase
maker-8-augustus-gene-5.17-mRNA-1	Japonica	NA		Os08g0109400	OsR498G0815049700.01.T06	Auxin-responsive protein (Fragment)
maker-8-augustus-gene-5.21-mRNA-1	Japonica	NA		Os08g0109500	OsR498G0815049900.01.T01	Bromodomain-containing factor 2
maker-8-augustus-gene-5.25-mRNA-1	Japonica	NA		Os08g0108700	OsR498G0815048200.01.T01	GLTP domain-containing protein (Fragment)
maker-8-augustus-gene-5.28-mRNA-1	Japonica	NA		Os08g0109300	OsR498G0815049400.01.T01	Adenylate kinase, chloroplastic
maker-8-augustus-gene-5.32-mRNA-1	Japonica	NA			OsR498G0612483700.01.T01	NOP5NT domain-containing protein
maker-8-augustus-gene-50.33-mRNA-1	Japonica	NA		Os08g0182400		
maker-8-augustus-gene-50.37-mRNA-1	Japonica	NA			OsR498G0815325600.01.T01	
maker-8-augustus-gene-52.0-mRNA-1	Japonica	Indica		Os04g0627000	OsR498G0815332900.01.T01	Homeobox-leucine zipper protein MERISTEM L1
maker-8-augustus-gene-52.6-mRNA-1	Japonica	NA			OsR498G0815334900.01.T04	
maker-8-augustus-gene-53.39-mRNA-1	Japonica	NA		Os08g0189500	OsR498G0815338900.01.T01	Germin-like protein 8-6
maker-8-augustus-gene-53.49-mRNA-1	Japonica	Japonica		Os08g0190700	OsR498G0815344500.01.T02	CAP-Gly domain-containing linker protein 1-like
maker-8-augustus-gene-54.16-mRNA-1	Japonica	Indica		Os03g0136900	OsR498G0815345200.01.T01	Aconitate hydratase, cytoplasmic
maker-8-augustus-gene-54.31-mRNA-1	Japonica	Indica		Os08g0192400	OsR498G0815349000.01.T01	SWR1 complex subunit 2
maker-8-augustus-gene-55.11-mRNA-1	Japonica	NA		Os08g0193600		Leucine rich repeat protein (Fragment)
maker-8-augustus-gene-55.22-mRNA-1	Japonica	Indica		Os08g0193200	OsR498G0815353200.01.T01	Putative F-box/LRR-repeat protein 23
maker-8-augustus-gene-55.24-mRNA-1	Japonica	NA		Os08g0193500	OsR498G0815353600.01.T01	Ubiquitin-protein ligase, putative, expressed
maker-8-augustus-gene-55.26-mRNA-1	Japonica	NA		Os08g0193900	OsR498G0815356200.01.T01	U-box domain-containing protein 4
maker-8-augustus-gene-55.28-mRNA-1	Japonica	NA			OsR498G0815357600.01.T01	Putative F-box/LRR-repeat protein 22
maker-8-augustus-gene-56.0-mRNA-1	Japonica	Indica		Os08g0195400	OsR498G0815361000.01.T03	
maker-8-augustus-gene-56.2-mRNA-1	Japonica	NA		Os08g0195800		F-box protein SKIP19
maker-8-augustus-gene-56.4-mRNA-1	Japonica	Japonica		Os08g0196200	OsR498G0815362200.01.T01	Leucine rich repeat protein (Fragment)
maker-8-augustus-gene-56.6-mRNA-1	Japonica	NA			OsR498G0815364200.01.T01	U-box domain-containing protein 4
maker-8-augustus-gene-56.8-mRNA-1	Japonica	NA			OsR498G0815364400.01.T01	F-box protein SKIP19
maker-8-augustus-gene-57.41-mRNA-1	Japonica	NA		Os08g0196700	OsR498G0815364700.01.T02	CCAAT-binding transcription factor
maker-8-augustus-gene-57.45-mRNA-1	Japonica	NA		Os08g0196900	OsR498G0815364900.01.T03	Response regulatory domain-containing protein
maker-8-augustus-gene-57.56-mRNA-1	Japonica	Indica		Os08g0197100	OsR498G0815365700.01.T01	Putative FBD-associated F-box protein
maker-8-augustus-gene-57.63-mRNA-1	Japonica	NA		Os08g0197500	OsR498G0815367100.01.T01	Cytochrome c oxidase subunit 5B mitochondrial
maker-8-augustus-gene-57.65-mRNA-1	Japonica	NA		Os08g0197800	OsR498G0815367900.01.T04	Cytochrome c oxidase subunit 5B, mitochondrial
maker-8-augustus-gene-57.70-mRNA-1	Japonica	NA			OsR498G0815368700.01.T01	F-box domain-containing protein (Fragment)
maker-8-augustus-gene-57.71-mRNA-1	Japonica	NA		Os08g0197800		F-box domain-containing protein

maker-8-augustus-gene-57.73-mRNA-1	Japonica	NA				Peptidase A1 domain-containing protein
maker-8-augustus-gene-58.0-mRNA-1	Japonica	NA				Glycolate oxidase
maker-8-augustus-gene-58.10-mRNA-1	Japonica	NA		Os08g0199300	OsR498G0815375700.01.T05	OBG-type G domain-containing protein
maker-8-augustus-gene-58.16-mRNA-1	Japonica	NA				S-type anion channel SLAH2 isoform X1
maker-8-augustus-gene-58.18-mRNA-1	Japonica	NA		Os08g0199400	OsR498G0815376000.01.T01	Acyl-[acyl-carrier-protein] desaturase
maker-8-augustus-gene-58.2-mRNA-1	Japonica	NA			OsR498G0815372700.01.T02	F-box domain-containing protein (Fragment)
maker-8-augustus-gene-58.7-mRNA-1	Japonica	NA			OsR498G0815373500.01.T06	F-box domain-containing protein
maker-8-augustus-gene-59.13-mRNA-1	Japonica	NA		Os08g0200600	OsR498G0815382000.01.T01	NAC transcription factor
maker-8-augustus-gene-59.2-mRNA-1	Japonica	NA		Os08g0200100	OsR498G0815379800.01.T01	Acyl-(Acyl-carrier-protein) desaturase, chloroplastic
maker-8-augustus-gene-59.6-mRNA-1	Japonica	NA		Os08g0200300	OsR498G0815380800.01.T01	Photosystem II 10 kDa polypeptide, chloroplastic
maker-8-augustus-gene-59.8-mRNA-1	Japonica	Indica		Os08g0200400	OsR498G0815381000.01.T03	RNA-binding KH domain-containing protein
maker-8-augustus-gene-6.30-mRNA-1	Japonica	NA		Os08g0110500	OsR498G0815055900.01.T01	RING-type E3 ubiquitin transferase
maker-8-augustus-gene-6.32-mRNA-1	Japonica	Indica		Os08g0110800	OsR498G0815056700.01.T01	Far upstream element-binding protein 1
maker-8-augustus-gene-6.36-mRNA-1	Japonica	NA		Os08g0109900	OsR498G0815053400.01.T03	Survival motor neuron
maker-8-augustus-gene-6.42-mRNA-1	Japonica	NA		Os08g0110000	OsR498G0815053800.01.T01	Methylesterase 12, chloroplastic
maker-8-augustus-gene-6.46-mRNA-1	Japonica	NA		Os08g0110400	OsR498G0815055800.01.T02	Peroxisomal protein, mitochondrial
maker-8-augustus-gene-6.48-mRNA-1	Japonica	NA		Os08g0110600	OsR498G0815056400.01.T01	
maker-8-augustus-gene-6.50-mRNA-1	Japonica	NA		Os08g0110700	OsR498G0815056600.01.T04	Phospholipase SGR2
maker-8-augustus-gene-6.55-mRNA-1	Japonica	NA		Os08g0111200	OsR498G0815057200.01.T01	Non-lysosomal glucosylceramidase
maker-8-augustus-gene-60.1-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os08g0201700	OsR498G0815383300.01.T05	Non-specific serine/threonine protein kinase
maker-8-augustus-gene-60.12-mRNA-1	Japonica	NA	NBS-TM	Os08g0202400	OsR498G0815386000.01.T02	NB-ARC domain-containing protein
maker-8-augustus-gene-61.24-mRNA-1	Japonica	NA	Kinase-LRR-TM			Non-specific serine/threonine protein kinase
maker-8-augustus-gene-61.30-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os08g0203300	OsR498G0815386700.01.T02	Non-specific serine/threonine protein kinase
maker-8-augustus-gene-61.36-mRNA-1	Japonica	NA	Kinase-LRR-TM			Putative Receptor-like serine/threonine kinase(RFK1)
maker-8-augustus-gene-61.45-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os08g0203400	OsR498G0815387700.01.T03	Non-specific serine/threonine protein kinase
maker-8-augustus-gene-61.50-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os08g0203700	OsR498G0815387900.01.T03	Non-specific serine/threonine protein kinase
maker-8-augustus-gene-62.0-mRNA-1	Japonica	NA		Os08g0204632	OsR498G0306965200.01.T01	SANT domain-containing protein (Fragment)
maker-8-augustus-gene-62.2-mRNA-1	Japonica	NA		Os08g0204800	OsR498G0815389800.01.T01	AUGMIN subunit 2
maker-8-augustus-gene-63.0-mRNA-1	Japonica	Japonica	CC-NBS-TM	Os08g0205100	OsR498G0815390700.01.T01	CC-NBS-LRR type disease resistance protein NLR1-V
maker-8-augustus-gene-63.1-mRNA-1	Japonica	NA	CC-NBS-TM	Os08g0205150	OsR498G0815390700.01.T02	CC-NBS-LRR type disease resistance protein NLR1-V
maker-8-augustus-gene-63.12-mRNA-1	Japonica	Indica		Os04g0613900	OsR498G0815397300.01.T01	Potassium transporter
maker-8-augustus-gene-63.17-mRNA-1	Japonica	NA		Os08g0206600	OsR498G0815398700.01.T02	AICAR transformylase
maker-8-augustus-gene-63.22-mRNA-1	Japonica	NA		Os08g0205200	OsR498G0815393200.01.T01	Equilibrative nucleotide transporter like
maker-8-augustus-gene-63.24-mRNA-1	Japonica	NA		Os08g0205900	OsR498G0815394600.01.T02	gamma aminobutyrate transaminase 3, chloroplastic isoform X2
maker-8-augustus-gene-63.29-mRNA-1	Japonica	Japonica		Os08g0206500	OsR498G0815397600.01.T01	Nuclear transcription factor Y subunit C
maker-8-augustus-gene-63.7-mRNA-1	Japonica	Indica		Os08g0205400	OsR498G0815393700.01.T01	HMA domain-containing protein (Fragment)
maker-8-augustus-gene-63.9-mRNA-1	Japonica	NA			OsR498G0815394100.01.T01	Cysteine-rich transmembrane CYSTM domain
maker-8-augustus-gene-64.42-mRNA-1	Japonica	NA			OsR498G0815398900.01.T03	MBD domain-containing protein
maker-8-augustus-gene-64.47-mRNA-1	Japonica	NA		Os08g0206900	OsR498G0815399300.01.T02	UDP-N-acetylglucosamine diphosphorylase 1
maker-8-augustus-gene-64.53-mRNA-1	Japonica	NA		Os08g0207500	OsR498G0815402500.01.T01	Zinc transporter ZIP
maker-8-augustus-gene-64.61-mRNA-1	Japonica	NA				
maker-8-augustus-gene-64.62-mRNA-1	Japonica	NA			OsR498G0815399600.01.T01	Pectinesterase
maker-8-augustus-gene-64.64-mRNA-1	Japonica	Indica		Os04g0613600	OsR498G0815400000.01.T01	40S ribosomal protein S11
maker-8-augustus-gene-64.69-mRNA-1	Japonica	NA			OsR498G0815409000.01.T01	Peptidase A1 domain-containing protein
maker-8-augustus-gene-65.0-mRNA-1	Japonica	NA		Os03g0424600		Zinc finger BED domain-containing protein RICESLEEPER 2
maker-8-augustus-gene-7.33-mRNA-1	Japonica	Japonica		Os08g0112000	OsR498G0815059100.01.T01	ATP-dependent DNA helicase
maker-8-augustus-gene-7.34-mRNA-1	Japonica	NA				ATP-dependent DNA helicase
maker-8-augustus-gene-7.41-mRNA-1	Japonica	NA		Os08g0112600	OsR498G0815061500.01.T01	Zinc finger and BTB domain-containing protein 11 isoform 1
maker-8-augustus-gene-7.44-mRNA-1	Japonica	NA		Os08g0112700	OsR498G0815061700.01.T01	MADS-box transcription factor
maker-8-augustus-gene-7.47-mRNA-1	Japonica	NA		Os08g0112900	OsR498G0815062300.01.T01	Zinc finger protein, putative isoform 1
maker-8-augustus-gene-7.50-mRNA-1	Japonica	NA		Os08g0113100	OsR498G0815062900.01.T01	Carbohydrate kinase PfkB
maker-8-augustus-gene-7.53-mRNA-1	Japonica	NA	CC-Kinase-TM	Os08g0112500	OsR498G0815061000.01.T02	Putative serine/threonine-protein kinase
maker-8-augustus-gene-7.57-mRNA-1	Japonica	NA		Os08g0112800	OsR498G0815062200.01.T01	Succinate dehydrogenase subunit 6 mitochondrial
maker-8-augustus-gene-72.29-mRNA-1	Japonica	NA		Os08g0216900	OsR498G0815426000.01.T02	
maker-8-augustus-gene-74.0-mRNA-1	Japonica	NA			OsR498G0101916300.01.T01	
maker-8-augustus-gene-74.2-mRNA-1	Japonica	NA		Os08g0222100	OsR498G0815443000.01.T01	
maker-8-augustus-gene-75.0-mRNA-1	Japonica	NA			OsR498G0815444300.01.T05	
maker-8-augustus-gene-75.2-mRNA-1	Japonica	NA		Os08g0220600	OsR498G0815444300.01.T03	Vernalization insensitive 3
maker-8-augustus-gene-78.0-mRNA-1	Japonica	Indica		Os08g0223700	OsR498G0815457900.01.T06	PHD-type domain-containing protein (Fragment)
maker-8-augustus-gene-78.1-mRNA-1	Japonica	NA				PHD-type domain-containing protein (Fragment)
maker-8-augustus-gene-78.2-mRNA-1	Japonica	NA		Os08g0223700		PHD-type domain-containing protein

maker-8-augustus-gene-79.30-mRNA-1	Japonica	NA		Os08g0223900	OsR498G0815461300.01.T05	Terpene cyclase/mutase family member
maker-8-augustus-gene-79.35-mRNA-1	Japonica	NA	Kinase-TM	Os08g0224100	OsR498G0815462500.01.T01	serine/threonine-protein kinase STY13
maker-8-augustus-gene-79.37-mRNA-1	Japonica	NA		Os08g0224500	OsR498G0815464100.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-8-augustus-gene-79.39-mRNA-1	Japonica	NA		Os08g0224700	OsR498G0815464500.01.T01	26S proteasome non-ATPase regulatory subunit 1 homolog
maker-8-augustus-gene-79.45-mRNA-1	Japonica	NA		Os10g0387000	OsR498G0815465100.01.T01	Ethanolamine-phosphate cytidylyltransferase-like
maker-8-augustus-gene-79.51-mRNA-1	Japonica	NA		Os08g0224200	OsR498G0815462800.01.T01	YTH domain-containing family protein 1
maker-8-augustus-gene-79.56-mRNA-1	Japonica	NA			OsR498G0815463200.01.T01	proton extrusion protein PcxA isoform X2
maker-8-augustus-gene-79.61-mRNA-1	Japonica	NA		Os08g0224900	OsR498G0815465600.01.T01	(3R)-hydroxymyristoyl-[acyl-carrier-protein] dehydratase
maker-8-augustus-gene-8.0-mRNA-1	Japonica	NA			OsR498G0815063500.01.T01	E3 ubiquitin-protein ligase CHIP
maker-8-augustus-gene-8.14-mRNA-1	Japonica	NA		Os08g0113200	OsR498G0815063200.01.T03	EMBRYO DEFECTIVE 140
maker-8-augustus-gene-80.0-mRNA-1	Japonica	NA		Os08g0225400	OsR498G0815470300.01.T01	Core-2/l-branching beta-1,6-N-acetylglucosaminyltransferase family protein
maker-8-augustus-gene-80.2-mRNA-1	Japonica	Japonica		Os08g0226300	OsR498G0815473200.01.T01	Cytochrome P450 family 76 subfamily C polypeptide 7
maker-8-augustus-gene-81.32-mRNA-1	Japonica	Japonica		Os08g0226800	OsR498G0815471800.01.T01	BTB/POZ and MATH domain-containing protein 2
maker-8-augustus-gene-81.34-mRNA-1	Japonica	NA			OsR498G0815474400.01.T01	F-box domain-containing protein (Fragment)
maker-8-augustus-gene-82.29-mRNA-1	Japonica	Japonica		Os08g0228200	OsR498G0815481500.01.T01	BTB/POZ and MATH domain-containing protein 2
maker-8-augustus-gene-83.38-mRNA-1	Japonica	NA			OsR498G0816107200.01.T03	
maker-8-augustus-gene-83.40-mRNA-1	Japonica	NA	CC-Kinase-TM	Os08g0230800		Non-specific serine/threonine protein kinase
maker-8-augustus-gene-83.42-mRNA-1	Japonica	Japonica		Os08g0230300	OsR498G0815485200.01.T03	F-box/kelch-repeat protein At1g51550
maker-8-augustus-gene-83.46-mRNA-1	Japonica	NA		Os08g0231400	OsR498G0815489200.01.T01	Germin-like protein 8-3
maker-8-augustus-gene-84.0-mRNA-1	Japonica	NA		Os02g0494400		Putative ribosomal RNA apurinic site specific lyase
maker-8-augustus-gene-85.10-mRNA-1	Japonica	Indica	NBS-TM	Os08g0236600	OsR498G0815501900.01.T01	NB-ARC domain-containing protein
maker-8-augustus-gene-85.14-mRNA-1	Japonica	Indica		Os08g0236900	OsR498G0815500400.01.T02	
maker-8-augustus-gene-85.4-mRNA-1	Japonica	Japonica		Os08g0235400	OsR498G0815500900.01.T01	Ubiquitinyl hydrolase 1
maker-8-augustus-gene-85.5-mRNA-1	Japonica	NA		Os08g0235400	OsR498G0815500900.01.T01	U-box domain-containing protein
maker-8-augustus-gene-86.0-mRNA-1	Japonica	NA		Os08g0236700	OsR498G0815503500.01.T01	YqaJ viral recombinase
maker-8-augustus-gene-87.0-mRNA-1	Japonica	NA		Os08g0238200	OsR498G1119807900.01.T01	DLH domain-containing protein
maker-8-augustus-gene-87.18-mRNA-1	Japonica	NA		Os01g0847200	OsR498G0102328500.01.T02	Mannose-1-phosphate guanylyltransferase 1
maker-8-augustus-gene-87.21-mRNA-1	Japonica	NA				
maker-8-augustus-gene-87.23-mRNA-1	Japonica	NA			OsR498G0407881700.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-8-augustus-gene-87.24-mRNA-1	Japonica	Japonica		Os08g0237800	OsR498G0815508800.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-8-augustus-gene-88.51-mRNA-1	Japonica	Japonica		Os08g0239900	OsR498G0815510900.01.T01	Sulfotransferase
maker-8-augustus-gene-88.52-mRNA-1	Japonica	Japonica		Os08g0239900	OsR498G0815510900.01.T01	Sulfotransferase
maker-8-augustus-gene-88.57-mRNA-1	Japonica	NA		Os08g0240533	OsR498G0815511900.01.T02	Xyloglucan endotransglucosylase/hydrolase
maker-8-augustus-gene-88.61-mRNA-1	Japonica	Japonica		Os08g0240000	OsR498G0815510900.01.T01	Sulfotransferase
maker-8-augustus-gene-88.63-mRNA-1	Japonica	NA		Os08g0240600	OsR498G0815512600.01.T01	AUGMIN subunit 1
maker-8-augustus-gene-89.0-mRNA-1	Japonica	NA		Os08g0240800	OsR498G0815512900.01.T05	Villin-4
maker-8-augustus-gene-89.12-mRNA-1	Japonica	Indica		Os04g0658000	OsR498G0815516200.01.T02	Glucose-6-phosphate 1-epimerase
maker-8-augustus-gene-89.7-mRNA-1	Japonica	Japonica		Os08g0241300	OsR498G0409229200.01.T06	
maker-8-augustus-gene-89.9-mRNA-1	Japonica	NA		Os08g0241400	OsR498G0815515100.01.T04	E3 ubiquitin-protein ligase MBR2
maker-8-augustus-gene-90.0-mRNA-1	Japonica	NA		Os08g0242800	OsR498G0815521100.01.T01	RNA polymerase sigma factor rpoD
maker-8-augustus-gene-90.12-mRNA-1	Japonica	NA		Os08g0242400	OsR498G0815519200.01.T01	Homeobox domain
maker-8-augustus-gene-90.14-mRNA-1	Japonica	NA			OsR498G0815520600.01.T02	ACT domain-containing protein DS12
maker-8-augustus-gene-90.18-mRNA-1	Japonica	NA		Os08g0242900	OsR498G0815521400.01.T03	Afadin-and alpha-actinin-binding protein
maker-8-augustus-gene-90.4-mRNA-1	Japonica	NA		Os08g0243100	OsR498G0815521900.01.T04	ACPS domain-containing protein (Fragment)
maker-8-augustus-gene-91.0-mRNA-1	Japonica	NA		Os08g0243500	OsR498G0815523900.01.T01	NADPH--cytochrome P450 reductase
maker-8-augustus-gene-91.16-mRNA-1	Japonica	Indica		Os06g0255700	OsR498G0815525200.01.T02	Protein CHROMATIN REMODELING 35
maker-8-augustus-gene-91.18-mRNA-1	Japonica	NA		Os08g0244100	OsR498G0815525400.01.T01	Syntaxin/t-SNARE family protein, putative isoform 1
maker-8-augustus-gene-91.20-mRNA-1	Japonica	NA			OsR498G0815526000.01.T04	SET domain-containing protein (Fragment)
maker-8-augustus-gene-92.0-mRNA-1	Japonica	NA		Os08g0245200	OsR498G0815527100.01.T01	4-coumarate coenzyme A ligase
maker-8-augustus-gene-92.16-mRNA-1	Japonica	NA	NBS			Resistance protein PSH-RGH6
maker-8-augustus-gene-92.2-mRNA-1	Japonica	NA		Os08g0245400	OsR498G0815527400.01.T01	Bifunctional dethiobiotin synthetase/7,8-diamino-pelargonic acid aminotran
maker-8-augustus-gene-92.8-mRNA-1	Japonica	NA	CC-NBS		OsR498G0815527800.01.T03	Disease resistance protein RPP13
maker-8-augustus-gene-93.0-mRNA-1	Japonica	NA		Os08g0246400	OsR498G0815530900.01.T02	Cytochrome b-c1 complex subunit 7
maker-8-augustus-gene-93.2-mRNA-1	Japonica	NA		Os08g0246800		
maker-8-augustus-gene-93.4-mRNA-1	Japonica	NA				
maker-8-augustus-gene-93.6-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os08g0248100	OsR498G0815535500.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-8-augustus-gene-93.7-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os08g0248100	OsR498G0815535500.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-8-augustus-gene-93.8-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os08g0248100	OsR498G0815535700.01.T01	Receptor kinase
maker-8-augustus-gene-94.23-mRNA-1	Japonica	NA		Os08g0248700	OsR498G0815537500.01.T01	Transcription factor like
maker-8-augustus-gene-94.26-mRNA-1	Japonica	NA		Os08g0248900	OsR498G0815538100.01.T05	ADP-ribosylation factor
maker-8-augustus-gene-94.34-mRNA-1	Japonica	NA		Os08g0248800	OsR498G0815537800.01.T01	Aspartate carbamoyltransferase

maker-8-augustus-gene-95.10-mRNA-1	Japonica	NA		Os08g0250900	OsR498G0815549800.01.T01	Protein SUPPRESSOR OF like
maker-8-augustus-gene-97.0-mRNA-1	Japonica	NA		Os08g0254900	OsR498G0815559700.01.T01	Glutamyl-tRNA reductase-binding protein chloroplastic
maker-8-augustus-gene-98.27-mRNA-1	Japonica	NA			OsR498G0815564400.01.T03	
maker-8-augustus-gene-99.0-mRNA-1	Japonica	NA		Os08g0258200	OsR498G0815565000.01.T02	Probable E3 ubiquitin-protein ligase XBOS35
maker-9-augustus-gene-10.0-mRNA-1	Japonica	NA		Os09g01110400	OsR498G0916674500.01.T03	DNA-directed RNA polymerases II, IV and V subunit 3 like
maker-9-augustus-gene-10.2-mRNA-1	Japonica	NA			OsR498G0612413700.01.T01	
maker-9-augustus-gene-10.4-mRNA-1	Japonica	NA		Os09g01111100	OsR498G0916678000.01.T01	Cyclin N-terminal domain-containing protein
maker-9-augustus-gene-10.6-mRNA-1	Japonica	NA		Os09g01111800	OsR498G0916679400.01.T02	RRM domain-containing protein (Fragment)
maker-9-augustus-gene-10.9-mRNA-1	Japonica	NA		Os09g0112400	OsR498G0916681000.01.T01	DNA-directed RNA polymerase subunit
maker-9-augustus-gene-102.30-mRNA-1	Japonica	Indica		Os01g0609066	OsR498G0917178000.01.T01	Pleiotropic drug resistance protein 4
maker-9-augustus-gene-102.31-mRNA-1	Japonica	NA			OsR498G0917179000.01.T01	ABC transporter domain containing protein,expressed
maker-9-augustus-gene-104.0-mRNA-1	Japonica	NA	Kinase-TM			Senescence-induced receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-104.4-mRNA-1	Japonica	NA		Os09g0354501	OsR498G0917230700.01.T01	Fe2OG dioxygenase domain-containing protein
maker-9-augustus-gene-104.5-mRNA-1	Japonica	NA		Os09g0353700	OsR498G0917230300.01.T01	S-norocclaurine synthase 1
maker-9-augustus-gene-105.27-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os09g0353200	OsR498G0917227800.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-105.30-mRNA-1	Japonica	NA		Os09g0352400	OsR498G0917225800.01.T02	Bystin isoform B
maker-9-augustus-gene-105.36-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os09g0352000	OsR498G0917223000.01.T02	Putative leucine-rich repeat receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-106.25-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os09g0351700		Serine/threonine-specific receptor protein kinase-like
maker-9-augustus-gene-106.28-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os09g0350900	OsR498G0917219200.01.T02	Serine/threonine-specific receptor protein kinase-like
maker-9-augustus-gene-107.14-mRNA-1	Japonica	NA	Kinase-TM	Os09g0349600		Putative LRR receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-107.2-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os09g0352000	OsR498G0917216200.01.T01	Serine/threonine-specific receptor protein kinase-like
maker-9-augustus-gene-107.4-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os09g0349800	OsR498G0917216200.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-108.40-mRNA-1	Japonica	NA		Os09g0348800		Transposon protein, putative, CACTA, En/Spm sub-class, expressed
maker-9-augustus-gene-108.43-mRNA-1	Japonica	Indica		Os02g0814900	OsR498G0917211800.01.T02	Nicotinamide-nucleotide adenylyltransferase
maker-9-augustus-gene-108.51-mRNA-1	Japonica	NA		Os09g0347700	OsR498G0917211200.01.T06	Transport protein Sec61, alpha subunit
maker-9-augustus-gene-108.52-mRNA-1	Japonica	NA		Os09g0347700	OsR498G0917211200.01.T02	Transport protein Sec61, alpha subunit
maker-9-augustus-gene-108.67-mRNA-1	Japonica	Indica	Kinase-TM	Os09g0348300	OsR498G0917213300.01.T01	Serine/threonine-specific receptor protein kinase-like
maker-9-augustus-gene-108.69-mRNA-1	Japonica	Indica	Kinase-TM	Os09g0348300	OsR498G0917213100.01.T01	Serine/threonine-specific receptor protein kinase-like
maker-9-augustus-gene-108.73-mRNA-1	Japonica	NA		Os09g0348200		Protein kinase domain-containing protein (Fragment)
maker-9-augustus-gene-108.77-mRNA-1	Japonica	NA		Os09g0347800	OsR498G0917211500.01.T01	Histone acetyltransferase type B catalytic subunit
maker-9-augustus-gene-109.0-mRNA-1	Japonica	NA				SAWADEE domain-containing protein
maker-9-augustus-gene-109.13-mRNA-1	Japonica	NA		Os09g0345700	OsR498G0917205400.01.T02	NADH kinase
maker-9-augustus-gene-109.20-mRNA-1	Japonica	NA		Os09g0345500	OsR498G0917204700.01.T01	SHSP domain-containing protein (Fragment)
maker-9-augustus-gene-109.22-mRNA-1	Japonica	NA	Kinase-LRR-TM			Leucine rich repeat malectin kinase 1
maker-9-augustus-gene-109.5-mRNA-1	Japonica	NA		Os09g0346700	OsR498G0917208000.01.T02	Retinol dehydrogenase 13
maker-9-augustus-gene-110.0-mRNA-1	Japonica	NA		Os09g0345000	OsR498G0917203400.01.T02	UBD domain-containing protein
maker-9-augustus-gene-110.10-mRNA-1	Japonica	NA		Os09g0344800	OsR498G0917202900.01.T05	Putative transmembrane protein TauE
maker-9-augustus-gene-110.2-mRNA-1	Japonica	Japonica		Os09g0344500	OsR498G0917201600.01.T01	O-methyltransferase ZRP4
maker-9-augustus-gene-110.4-mRNA-1	Japonica	NA	Kinase-TM			L-type lectin-domain containing receptor kinase IX.1
maker-9-augustus-gene-110.6-mRNA-1	Japonica	NA			OsR498G0917198600.01.T06	Protein kinase domain-containing protein
maker-9-augustus-gene-110.8-mRNA-1	Japonica	NA		Os09g0344900	OsR498G0917203100.01.T03	Sulfite exporter TauE/Safe family protein 3
maker-9-augustus-gene-111.31-mRNA-1	Japonica	Japonica	Kinase	Os09g0341100	OsR498G0917196300.01.T01	L-type lectin-domain containing receptor kinase IX.1
maker-9-augustus-gene-114.0-mRNA-1	Japonica	Japonica		Os09g0334900	OsR498G0917183000.01.T01	Ankyrin repeat domain-containing protein 6
maker-9-augustus-gene-114.2-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0917185900.01.T01	Clade XIV lectin receptor kinase
maker-9-augustus-gene-114.3-mRNA-1	Japonica	NA	Kinase-TM	Os09g0334800	OsR498G0917182700.01.T01	L-type lectin-domain containing receptor kinase IX.1
maker-9-augustus-gene-115.0-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os09g0335400		Senescence-induced receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-115.2-mRNA-1	Japonica	NA	Kinase-TM			Serine/threonine-specific receptor protein kinase-like
maker-9-augustus-gene-115.4-mRNA-1	Japonica	NA		Os09g0334500	OsR498G0917182100.01.T01	WRKY transcription factor
maker-9-augustus-gene-115.7-mRNA-1	Japonica	Indica	Kinase-LRR-TM	Os09g0352000	OsR498G0917236000.01.T01	Putative leucine-rich repeat receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-116.0-mRNA-1	Japonica	Japonica	Kinase-TM	Os09g0356200	OsR498G0917236300.01.T05	Putative LRR receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-116.3-mRNA-1	Japonica	NA			OsR498G0917236800.01.T01	
maker-9-augustus-gene-116.5-mRNA-1	Japonica	Japonica	Kinase-LRR-TM	Os09g0356800	OsR498G0917239000.01.T01	Leucine-rich repeat protein kinase-like
maker-9-augustus-gene-116.6-mRNA-1	Japonica	Japonica		Os09g0356800	OsR498G0917239000.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-117.0-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os09g0356800	OsR498G0917239000.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-117.3-mRNA-1	Japonica	Indica	Kinase-TM	Os09g0356800	OsR498G0917240400.01.T05	Protein kinase domain-containing protein
maker-9-augustus-gene-118.12-mRNA-1	Japonica	NA		Os09g0360400	OsR498G0917243500.01.T04	Holocarboxylase synthetase
maker-9-augustus-gene-118.15-mRNA-1	Japonica	NA		Os09g0359800	OsR498G0917242800.01.T02	Arginine methyltransferase 11
maker-9-augustus-gene-118.20-mRNA-1	Japonica	NA		Os09g0360500	OsR498G0917243800.01.T01	Very-long-chain 3-oxoacyl-CoA synthase
maker-9-augustus-gene-118.6-mRNA-1	Japonica	Japonica		Os09g0359700	OsR498G0917242500.01.T01	t-SNARE coiled-coil homology domain-containing protein
maker-9-augustus-gene-118.9-mRNA-1	Japonica	NA		Os09g0359900	OsR498G0917242900.01.T01	Nicotinamide N-methyltransferase-like protein
maker-9-augustus-gene-119.0-mRNA-1	Japonica	Indica		Os08g0398300	OsR498G0917245500.01.T05	ABC transporter A family member 7

maker-9-augustus-gene-119.10-mRNA-1	Japonica	NA		Os09g0361200	OsR498G0917246300.01.T01	Hypersensitive induced reaction protein 2
maker-9-augustus-gene-119.15-mRNA-1	Japonica	NA			OsR498G0917247300.01.T04	Isochorismate synthase 2 chloroplastic
maker-9-augustus-gene-119.20-mRNA-1	Japonica	NA			OsR498G0917248100.01.T01	
maker-9-augustus-gene-119.28-mRNA-1	Japonica	NA		Os09g0361300	OsR498G0917246600.01.T01	F-box/SPRY domain-containing protein 1 (Fragment)
maker-9-augustus-gene-119.30-mRNA-1	Japonica	NA				Mitochondrial distribution/morphology family 35/apoptosis
maker-9-augustus-gene-119.5-mRNA-1	Japonica	Indica	Kinase	Os09g0361100	OsR498G0917245900.01.T01	Putative serine/threonine-protein kinase PIX7
maker-9-augustus-gene-12.0-mRNA-1	Japonica	NA		Os09g0114500	OsR498G0916689300.01.T01	Kinesin-like protein KIN-4A
maker-9-augustus-gene-120.37-mRNA-1	Japonica	NA				Aminopeptidase
maker-9-augustus-gene-120.40-mRNA-1	Japonica	NA		Os09g0362900	OsR498G0917250300.01.T01	Histone-lysine N-methyltransferase, H3 lysine-9 specific SUVH5
maker-9-augustus-gene-120.42-mRNA-1	Japonica	NA		Os09g0363100	OsR498G0917251300.01.T02	CRS1 / YhbY domain-containing protein (Fragment)
maker-9-augustus-gene-120.46-mRNA-1	Japonica	NA				
maker-9-augustus-gene-120.50-mRNA-1	Japonica	NA		Os09g0363500	OsR498G0917251900.01.T03	Glucosidase 2 subunit beta like
maker-9-augustus-gene-120.52-mRNA-1	Japonica	Indica		Os09g0363800	OsR498G0917252700.01.T01	Metallo-hydrolase/oxidoreductase superfamily protein
maker-9-augustus-gene-120.62-mRNA-1	Japonica	Indica		Os09g0363600	OsR498G0917252200.01.T03	THO complex subunit like
maker-9-augustus-gene-120.68-mRNA-1	Japonica	NA		Os09g0363700	OsR498G0917252400.01.T01	Enolase-phosphatase
maker-9-augustus-gene-120.70-mRNA-1	Japonica	NA		Os09g0363900	OsR498G0917253000.01.T01	
maker-9-augustus-gene-121.0-mRNA-1	Japonica	Indica		Os09g0364500	OsR498G0917255300.01.T01	GTP-binding protein BRASSINAZOLE INSENSITIVE PALE GREEN 2 like
maker-9-augustus-gene-121.4-mRNA-1	Japonica	NA		Os09g0364900		5-AMP-activated protein kinase
maker-9-augustus-gene-121.6-mRNA-1	Japonica	Indica		Os09g0507300	OsR498G0917260400.01.T01	L-ascorbate oxidase
maker-9-augustus-gene-123.37-mRNA-1	Japonica	NA			OsR498G0917274700.01.T01	RNA-binding CRS1 / YhbY domain protein isoform 1
maker-9-augustus-gene-123.39-mRNA-1	Japonica	NA			OsR498G0917274900.01.T01	Leucine zipper protein-like
maker-9-augustus-gene-123.46-mRNA-1	Japonica	NA		Os09g0368500	OsR498G0917272200.01.T01	Flavin containing polyamine oxidase
maker-9-augustus-gene-123.47-mRNA-1	Japonica	NA		Os09g0368500	OsR498G0917272200.01.T02	Flavin containing polyamine oxidase
maker-9-augustus-gene-124.37-mRNA-1	Japonica	NA				F-box domain-containing protein
maker-9-augustus-gene-124.39-mRNA-1	Japonica	NA		Os09g0370200	OsR498G0917282000.01.T01	Protein SCO1 homolog 2 mitochondrial
maker-9-augustus-gene-125.0-mRNA-1	Japonica	NA		Os09g0371000	OsR498G0917285100.01.T01	MFS domain-containing protein (Fragment)
maker-9-augustus-gene-125.13-mRNA-1	Japonica	NA			OsR498G0917287700.01.T01	MND1-interacting protein 1
maker-9-augustus-gene-125.15-mRNA-1	Japonica	NA			OsR498G0917287900.01.T01	Pumilio/Puf RNA-binding domain-containing protein-like
maker-9-augustus-gene-125.17-mRNA-1	Japonica	Indica		Os09g0372400	OsR498G0917289300.01.T01	OCRE domain-containing protein
maker-9-augustus-gene-125.23-mRNA-1	Japonica	Indica		Os02g0581300	OsR498G0917291500.01.T02	LAG1 longevity assurance homolog 3
maker-9-augustus-gene-125.28-mRNA-1	Japonica	NA		Os09g0372800	OsR498G0917291800.01.T05	Non-specific serine/threonine protein kinase
maker-9-augustus-gene-125.33-mRNA-1	Japonica	NA		Os09g0373000	OsR498G0917292600.01.T01	Mitochondrial pyruvate carrier
maker-9-augustus-gene-125.4-mRNA-1	Japonica	NA			OsR498G0917285900.01.T01	MFS domain-containing protein (Fragment)
maker-9-augustus-gene-125.7-mRNA-1	Japonica	NA		Os09g0371300	OsR498G0917286300.01.T01	MFS domain-containing protein (Fragment)
maker-9-augustus-gene-125.8-mRNA-1	Japonica	NA		Os09g0371300	OsR498G0917286300.01.T01	MFS domain-containing protein (Fragment)
maker-9-augustus-gene-126.39-mRNA-1	Japonica	NA		Os09g0373200	OsR498G0917292900.01.T01	Strictosidine synthase 3
maker-9-augustus-gene-126.43-mRNA-1	Japonica	NA		Os09g0374900	OsR498G0917293900.01.T01	Strictosidine synthase 3
maker-9-augustus-gene-126.45-mRNA-1	Japonica	NA			OsR498G0917294200.01.T01	Phosphopyruvate hydratase
maker-9-augustus-gene-127.33-mRNA-1	Japonica	NA		Os09g0375900	OsR498G0917296300.01.T01	Hypoxia-responsive protein / zinc finger (C3HC4-type RING finger) protein-like
maker-9-augustus-gene-127.35-mRNA-1	Japonica	NA		Os09g0376300	OsR498G0917298500.01.T01	Protein kinase domain-containing protein
maker-9-augustus-gene-127.37-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os09g0376600		Nodulation receptor kinase
maker-9-augustus-gene-127.39-mRNA-1	Japonica	Indica	Kinase-TM	Os09g0375600	OsR498G0917296000.01.T01	Serine/threonine-protein kinase CDL1
maker-9-augustus-gene-127.44-mRNA-1	Japonica	NA				CST complex subunit CTC1
maker-9-augustus-gene-128.0-mRNA-1	Japonica	NA				AMSH-like ubiquitin thioesterase 3
maker-9-augustus-gene-128.2-mRNA-1	Japonica	Indica		Os09g0376800	OsR498G0917302000.01.T05	Alpha, alpha-trehalose-phosphate synthase 6
maker-9-augustus-gene-128.5-mRNA-1	Japonica	NA		Os09g0376900	OsR498G0917303400.01.T02	Potassium transporter
maker-9-augustus-gene-129.49-mRNA-1	Japonica	Indica		Os09g0380200	OsR498G0917314300.01.T01	Protein CHAPERONE-LIKE PROTEIN OF POR1, chloroplastic-like
maker-9-augustus-gene-129.52-mRNA-1	Japonica	Indica		Os09g0379600	OsR498G0917312000.01.T01	Class I homeodomain-leucine zipper protein 5
maker-9-augustus-gene-13.35-mRNA-1	Japonica	NA		Os09g0115300		WYLD domain-containing protein
maker-9-augustus-gene-13.39-mRNA-1	Japonica	NA		Os09g0115400	OsR498G0916691400.01.T02	Polyadenylate-binding protein (Fragment)
maker-9-augustus-gene-130.0-mRNA-1	Japonica	NA		Os09g0381100	OsR498G0917320100.01.T01	Nucleobase-ascorbate transporter 6
maker-9-augustus-gene-130.13-mRNA-1	Japonica	NA		Os09g0381600	OsR498G0917322700.01.T01	
maker-9-augustus-gene-130.15-mRNA-1	Japonica	NA			OsR498G0917315600.01.T02	
maker-9-augustus-gene-130.17-mRNA-1	Japonica	NA		Os09g0381400	OsR498G0917321000.01.T01	Fruit bromelain
maker-9-augustus-gene-130.5-mRNA-1	Japonica	NA			OsR498G0917320700.01.T01	TF-B3 domain-containing protein
maker-9-augustus-gene-131.0-mRNA-1	Japonica	NA	CC-Kinase-TM	Os09g0383300	OsR498G0917329300.01.T03	Mitogen-activated protein kinase kinase kinase NPK1
maker-9-augustus-gene-131.12-mRNA-1	Japonica	NA				BED-type domain-containing protein
maker-9-augustus-gene-131.14-mRNA-1	Japonica	NA			OsR498G0917326800.01.T02	Cyclin N-terminal domain-containing protein
maker-9-augustus-gene-131.17-mRNA-1	Japonica	NA		Os09g0382500	OsR498G0917327400.01.T01	Succinate dehydrogenase subunit 7, mitochondrial
maker-9-augustus-gene-131.6-mRNA-1	Japonica	NA		Os09g0383400	OsR498G0917329900.01.T01	DEAD-box ATP-dependent RNA helicase
maker-9-augustus-gene-133.40-mRNA-1	Japonica	NA		Os09g0386500	OsR498G0917341700.01.T02	Chromatin remodeling protein EBS

maker-9-augustus-gene-133.43-mRNA-1	Japonica	NA		Os09g0386400	OsR498G0917341200.01.T02	Enhanced ethylene response protein 5
maker-9-augustus-gene-134.35-mRNA-1	Japonica	NA				Endoribonuclease YBEY, chloroplastic
maker-9-augustus-gene-135.31-mRNA-1	Japonica	Japonica		Os09g0389000	OsR498G0917355600.01.T01	Mannose-6-phosphate isomerase
maker-9-augustus-gene-137.0-mRNA-1	Japonica	NA			OsR498G0917365100.01.T01	DUF295 domain-containing protein
maker-9-augustus-gene-137.1-mRNA-1	Japonica	NA		Os09g0392000	OsR498G0917367500.01.T01	Zinc finger, MYND-type
maker-9-augustus-gene-137.15-mRNA-1	Japonica	NA				Caffeic acid 3-O-methyltransferase
maker-9-augustus-gene-137.17-mRNA-1	Japonica	NA		Os08g0381000	OsR498G0713579700.01.T01	Cell wall protein-like
maker-9-augustus-gene-137.19-mRNA-1	Japonica	NA		Os09g0394100	OsR498G0917375400.01.T03	Malonyl-CoA decarboxylase mitochondrial
maker-9-augustus-gene-137.5-mRNA-1	Japonica	NA		Os09g0392100	OsR498G0917367700.01.T01	Enhanced disease susceptibility 1
maker-9-augustus-gene-137.8-mRNA-1	Japonica	NA			OsR498G0917370900.01.T04	JmjC domain-containing protein
maker-9-augustus-gene-138.26-mRNA-1	Japonica	NA			OsR498G0917377700.01.T01	Plastidic glucose transporter like
maker-9-augustus-gene-138.32-mRNA-1	Japonica	NA		Os09g0394900	OsR498G0917379500.01.T05	Annexin
maker-9-augustus-gene-138.36-mRNA-1	Japonica	Indica		Os09g0394300	OsR498G0917376000.01.T01	Endoglucanase
maker-9-augustus-gene-138.39-mRNA-1	Japonica	NA		Os09g0394600	OsR498G0917379000.01.T02	IIPc domain-containing protein (Fragment)
maker-9-augustus-gene-138.41-mRNA-1	Japonica	Indica		Os09g0394700	OsR498G0917379000.01.T05	Monoglyceride lipase
maker-9-augustus-gene-14.31-mRNA-1	Japonica	NA				CBF domain-containing protein (Fragment)
maker-9-augustus-gene-142.55-mRNA-1	Japonica	NA		Os09g0401600	OsR498G0917411600.01.T01	Plant UBX domain-containing protein 2
maker-9-augustus-gene-143.22-mRNA-1	Japonica	NA			OsR498G0917414800.01.T01	
maker-9-augustus-gene-143.25-mRNA-1	Japonica	NA		Os09g0403300	OsR498G0917417400.01.T01	Cytokinin hydroxylase
maker-9-augustus-gene-144.42-mRNA-1	Japonica	NA			OsR498G0917420300.01.T01	
maker-9-augustus-gene-144.43-mRNA-1	Japonica	NA		Os09g0407200	OsR498G0917421300.01.T06	Ubiquitin receptor RAD23
maker-9-augustus-gene-144.49-mRNA-1	Japonica	NA			OsR498G0917422300.01.T01	Mismatch repair ATPase MSH6 (MutS family)
maker-9-augustus-gene-144.55-mRNA-1	Japonica	NA		Os09g0407300	OsR498G0917422000.01.T01	SprT-like domain-containing protein
maker-9-augustus-gene-144.59-mRNA-1	Japonica	Indica		Os09g0407700	OsR498G0917422600.01.T02	Haloacid dehalogenase-like hydrolase domain-containing protein Sgpp
maker-9-augustus-gene-146.0-mRNA-1	Japonica	NA			OsR498G0917431500.01.T07	Transcription initiation factor TFIID subunit 2
maker-9-augustus-gene-146.12-mRNA-1	Japonica	Indica		Os09g0410700	OsR498G0917434200.01.T01	Transcription factor AIG1
maker-9-augustus-gene-146.6-mRNA-1	Japonica	Indica		Os03g0706900	OsR498G0917431700.01.T04	Zinc finger, RING/FYVE/PHD-type, Transmembrane Fragile-X-F-associated pr
maker-9-augustus-gene-147.0-mRNA-1	Japonica	NA		Os09g0411550		
maker-9-augustus-gene-147.14-mRNA-1	Japonica	NA			OsR498G0917436000.01.T02	Fructose-bisphosphate aldolase-lysine N-methyltransferase, chloroplastic
maker-9-augustus-gene-147.18-mRNA-1	Japonica	NA		Os09g0411700	OsR498G0917436200.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-9-augustus-gene-147.2-mRNA-1	Japonica	NA		Os09g0412700	OsR498G0917439300.01.T01	
maker-9-augustus-gene-147.22-mRNA-1	Japonica	NA				O-fucosyltransferase family protein (Fragment)
maker-9-augustus-gene-147.25-mRNA-1	Japonica	Indica		Os09g0412400	OsR498G0917438600.01.T01	
maker-9-augustus-gene-147.27-mRNA-1	Japonica	NA			OsR498G0917441400.01.T01	zf-C2HC5 domain-containing protein (Fragment)
maker-9-augustus-gene-147.30-mRNA-1	Japonica	Indica		Os08g0436800	OsR498G0917442200.01.T01	Ribosomal protein l34
maker-9-augustus-gene-147.4-mRNA-1	Japonica	Indica		Os08g0436200	OsR498G0917441100.01.T03	RING-CH-type domain-containing protein (Fragment)
maker-9-augustus-gene-147.8-mRNA-1	Japonica	NA			OsR498G0917441500.01.T01	Putative membrane peptidase ydIL
maker-9-augustus-gene-148.0-mRNA-1	Japonica	Indica		Os09g0413700	OsR498G0917444100.01.T03	AB hydrolase-1 domain-containing protein (Fragment)
maker-9-augustus-gene-148.3-mRNA-1	Japonica	NA		Os09g0414300	OsR498G0917445700.01.T01	MYB transcription factor
maker-9-augustus-gene-148.5-mRNA-1	Japonica	NA		Os09g0413600	OsR498G0917442600.01.T01	Ribosomal protein L34Ae
maker-9-augustus-gene-149.27-mRNA-1	Japonica	NA		Os09g0414900	OsR498G0917450500.01.T01	Gibberellin-regulated protein 6
maker-9-augustus-gene-149.30-mRNA-1	Japonica	NA			OsR498G0917450900.01.T05	
maker-9-augustus-gene-149.33-mRNA-1	Japonica	NA		Os09g0415700	OsR498G0917452300.01.T01	Methyltransferase
maker-9-augustus-gene-149.38-mRNA-1	Japonica	NA		Os09g0415800	OsR498G0917452800.01.T03	ATP-dependent 6-phosphofructokinase 5 chloroplastic
maker-9-augustus-gene-150.0-mRNA-1	Japonica	NA		Os09g0416200	OsR498G0917453500.01.T01	Sugar carrier protein A
maker-9-augustus-gene-150.11-mRNA-1	Japonica	Japonica		Os09g0417400	OsR498G0917460800.01.T02	BHLH transcription factor
maker-9-augustus-gene-150.3-mRNA-1	Japonica	NA			OsR498G0917453700.01.T02	DRBM domain-containing protein
maker-9-augustus-gene-150.6-mRNA-1	Japonica	NA		Os09g0416900	OsR498G0917458500.01.T01	U-box domain-containing protein 11-like
maker-9-augustus-gene-150.8-mRNA-1	Japonica	NA		Os09g0416700	OsR498G0917456800.01.T01	Golgi SNAP receptor complex member 1
maker-9-augustus-gene-152.15-mRNA-1	Japonica	NA		Os09g0420600	OsR498G0917472800.01.T01	26S proteasome non-ATPase regulatory subunit like
maker-9-augustus-gene-152.17-mRNA-1	Japonica	NA		Os09g0420900	OsR498G0917473600.01.T01	Btbpoz domain-containing protein npy1
maker-9-augustus-gene-152.8-mRNA-1	Japonica	Indica		Os09g0420100	OsR498G0917471700.01.T01	Putative E3 ubiquitin-protein ligase ARI9
maker-9-augustus-gene-153.0-mRNA-1	Japonica	Indica		Os11g0130200	OsR498G0917475900.01.T01	CID domain-containing protein
maker-9-augustus-gene-153.14-mRNA-1	Japonica	NA			OsR498G0917475400.01.T03	Kinesin motor domain-containing protein (Fragment)
maker-9-augustus-gene-153.15-mRNA-1	Japonica	NA				kinesin-related protein 4
maker-9-augustus-gene-153.2-mRNA-1	Japonica	NA		Os09g0421500	OsR498G0917476100.01.T01	
maker-9-augustus-gene-153.26-mRNA-1	Japonica	NA		Os09g0421300	OsR498G0917475600.01.T01	Phospholipase D
maker-9-augustus-gene-153.28-mRNA-1	Japonica	NA		Os09g0421600		Zinc finger protein 346
maker-9-augustus-gene-153.31-mRNA-1	Japonica	NA		Os09g0421700	OsR498G0917476600.01.T01	Zinc finger protein 346
maker-9-augustus-gene-153.33-mRNA-1	Japonica	Japonica		Os09g0421800	OsR498G0917477000.01.T01	Matrin-type domain-containing protein
maker-9-augustus-gene-153.36-mRNA-1	Japonica	NA		Os09g0422000	OsR498G0917477200.01.T01	Putrescine hydroxycinnamoyltransferase 1

maker-9-augustus-gene-153.40-mRNA-1	Japonica	NA		Os09g0422600	OsR498G0917480000.01.T04	AUGMIN subunit 8
maker-9-augustus-gene-153.5-mRNA-1	Japonica	NA		Os09g0422500	OsR498G0917479700.01.T01	Cellulose synthase
maker-9-augustus-gene-153.8-mRNA-1	Japonica	Japonica		Os09g0421100	OsR498G0917475200.01.T02	Deoxyhypusine synthase
maker-9-augustus-gene-154.28-mRNA-1	Japonica	NA				FAR1 domain-containing protein
maker-9-augustus-gene-154.29-mRNA-1	Japonica	Japonica	CC-Kinase-LRR-TM	Os09g0423000	OsR498G0917480300.01.T01	putative leucine-rich repeat receptor-like serine/threonine-protein kinase A
maker-9-augustus-gene-154.35-mRNA-1	Japonica	NA		Os09g0423700	OsR498G0917482700.01.T01	Tsl1-interacting protein TSP1
maker-9-augustus-gene-154.37-mRNA-1	Japonica	NA				Ethylene-responsive transcription factor WRI1
maker-9-augustus-gene-154.41-mRNA-1	Japonica	NA		Os09g0424200	OsR498G0917483900.01.T01	Gamma-glutamyl peptidase 3
maker-9-augustus-gene-154.45-mRNA-1	Japonica	NA			OsR498G0917482400.01.T01	Monogalactosyldiacylglycerol synthase
maker-9-augustus-gene-155.50-mRNA-1	Japonica	NA		Os09g0424600	OsR498G0917485100.01.T04	HAD-superfamily hydrolase subfamily IG 5'-nucleotidase
maker-9-augustus-gene-155.55-mRNA-1	Japonica	Japonica		Os09g0425400	OsR498G0917486500.01.T01	glycine-rich cell wall structural protein-like
maker-9-augustus-gene-155.57-mRNA-1	Japonica	Indica		Os10g0508300	OsR498G0917487700.01.T03	C2C2-YABBY-transcription factor 12
maker-9-augustus-gene-155.59-mRNA-1	Japonica	NA		Os09g0425900	OsR498G0917488500.01.T01	Tetraspanin-8
maker-9-augustus-gene-155.61-mRNA-1	Japonica	NA				Protein GAMETE EXPRESSED 2
maker-9-augustus-gene-155.65-mRNA-1	Japonica	NA		Os09g0426000	OsR498G0917489000.01.T01	EamA domain-containing protein
maker-9-augustus-gene-155.70-mRNA-1	Japonica	NA				EamA domain-containing protein
maker-9-augustus-gene-155.74-mRNA-1	Japonica	Indica		Os09g0426100	OsR498G0917489400.01.T01	Auxin-induced protein 5NG4
maker-9-augustus-gene-155.76-mRNA-1	Japonica	Indica		Os09g0426100	OsR498G0917490000.01.T01	
maker-9-augustus-gene-156.0-mRNA-1	Japonica	NA		Os09g0426800	OsR498G0917491900.01.T01	Aldehyde oxygenase (deformylating)
maker-9-augustus-gene-156.11-mRNA-1	Japonica	NA		Os09g0427300	OsR498G0917494200.01.T01	Amino acid transporter
maker-9-augustus-gene-156.13-mRNA-1	Japonica	Indica		Os09g0428000	OsR498G0917495200.01.T02	Xyloglucan glycosyltransferase
maker-9-augustus-gene-156.14-mRNA-1	Japonica	NA		Os09g0428300		Glutamate receptor
maker-9-augustus-gene-156.3-mRNA-1	Japonica	NA		Os08g0487300	OsR498G0102102900.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-9-augustus-gene-156.6-mRNA-1	Japonica	Indica		Os09g0427800	OsR498G0917494500.01.T01	Trehalose phosphate synthase
maker-9-augustus-gene-156.8-mRNA-1	Japonica	NA		Os09g0428900	OsR498G0917497500.01.T04	TsaA-like domain-containing protein (Fragment)
maker-9-augustus-gene-157.0-mRNA-1	Japonica	Japonica		Os09g0429100	OsR498G0917500700.01.T07	
maker-9-augustus-gene-157.2-mRNA-1	Japonica	Indica		Os09g0429350	OsR498G0917501300.01.T01	
maker-9-augustus-gene-157.4-mRNA-1	Japonica	NA		Os09g0428300		Glutamate receptor
maker-9-augustus-gene-157.6-mRNA-1	Japonica	Japonica		Os09g0429400	OsR498G0917501600.01.T03	Glutamate receptor
maker-9-augustus-gene-158.30-mRNA-1	Japonica	NA		Os09g0431100	OsR498G0917508100.01.T01	Glutamate receptor
maker-9-augustus-gene-158.32-mRNA-1	Japonica	NA		Os09g0431200	OsR498G0917508700.01.T01	Glutamate receptor
maker-9-augustus-gene-158.41-mRNA-1	Japonica	NA			OsR498G0917509000.01.T01	Transcription factor RAX3
maker-9-augustus-gene-158.43-mRNA-1	Japonica	NA		Os09g0431500	OsR498G0917509600.01.T04	Transcription initiation factor TFIID subunit 10
maker-9-augustus-gene-159.28-mRNA-1	Japonica	NA				System N amino acid transporter
maker-9-augustus-gene-160.0-mRNA-1	Japonica	NA		Os09g0433800	OsR498G0917519700.01.T01	FLZ-type domain-containing protein (Fragment)
maker-9-augustus-gene-160.16-mRNA-1	Japonica	NA		Os09g0434200	OsR498G0917520400.01.T01	E3 ubiquitin-protein like
maker-9-augustus-gene-160.18-mRNA-1	Japonica	Japonica		Os09g0434600	OsR498G0204973200.01.T01	Glycosyltransferase family protein 2
maker-9-augustus-gene-160.2-mRNA-1	Japonica	NA		Os09g0433900	OsR498G0917519900.01.T01	Alanine aminotransferase
maker-9-augustus-gene-160.6-mRNA-1	Japonica	NA			OsR498G0917524300.01.T01	
maker-9-augustus-gene-160.8-mRNA-1	Japonica	NA		Os09g0433650	OsR498G0917518600.01.T01	
maker-9-augustus-gene-160.9-mRNA-1	Japonica	Indica		Os08g0451400	OsR498G0917520200.01.T02	ARID domain-containing protein
maker-9-augustus-gene-161.33-mRNA-1	Japonica	NA				PDZ domain-containing protein
maker-9-augustus-gene-161.39-mRNA-1	Japonica	NA			OsR498G0305103200.01.T05	KARI N-terminal Rossmann domain-containing protein
maker-9-augustus-gene-161.42-mRNA-1	Japonica	NA				DDHD domain-containing protein
maker-9-augustus-gene-161.44-mRNA-1	Japonica	NA			OsR498G0917527500.01.T01	Embryogenesis-associated protein EMB8
maker-9-augustus-gene-161.49-mRNA-1	Japonica	NA			OsR498G0917527700.01.T04	Eukaryotic initiation factor 4F subunit p150 isoform 1
maker-9-augustus-gene-161.56-mRNA-1	Japonica	NA		Os09g0436300	OsR498G0917526600.01.T02	
maker-9-augustus-gene-161.60-mRNA-1	Japonica	NA		Os09g0436700	OsR498G0917527400.01.T01	PDZ domain-containing protein (Fragment)
maker-9-augustus-gene-162.0-mRNA-1	Japonica	NA		Os09g0437500	OsR498G0917531100.01.T04	Dormancy-associated 3
maker-9-augustus-gene-162.2-mRNA-1	Japonica	NA		Os09g0437900	OsR498G0917531500.01.T07	Adrenodoxin-like protein 2 mitochondrial
maker-9-augustus-gene-162.7-mRNA-1	Japonica	NA		Os09g0438000	OsR498G0917532300.01.T01	Respiratory burst oxidase E
maker-9-augustus-gene-163.30-mRNA-1	Japonica	NA				Ethanolamine kinase
maker-9-augustus-gene-163.36-mRNA-1	Japonica	Indica		Os03g0169400	OsR498G0917535900.01.T04	50S ribosomal protein L18, chloroplastic
maker-9-augustus-gene-163.38-mRNA-1	Japonica	NA			OsR498G1018681600.01.T02	Putative mannan synthase 4
maker-9-augustus-gene-163.42-mRNA-1	Japonica	NA		Os09g0439400	OsR498G0917537500.01.T01	Polygalacturonase
maker-9-augustus-gene-163.47-mRNA-1	Japonica	NA		Os09g0439500	OsR498G0917537700.01.T01	Chlorophyll a-b binding protein, chloroplastic
maker-9-augustus-gene-163.49-mRNA-1	Japonica	NA		Os09g0438700	OsR498G0917535200.01.T01	20 kDa chaperonin, chloroplastic
maker-9-augustus-gene-163.54-mRNA-1	Japonica	NA		Os09g0439000		DNA cross-link repair protein SNM1
maker-9-augustus-gene-163.58-mRNA-1	Japonica	NA		Os09g0439200	OsR498G0917537200.01.T01	Tify domain-containing protein
maker-9-augustus-gene-163.60-mRNA-1	Japonica	NA		Os09g0439700	OsR498G0917538800.01.T03	Transmembrane protein like
maker-9-augustus-gene-164.12-mRNA-1	Japonica	NA		Os09g0439800	OsR498G0917539200.01.T01	Small nuclear ribonucleoprotein family protein isoform 1

maker-9-augustus-gene-164.14-mRNA-1	Japonica	NA		Os09g0440300	OsR498G0917542200.01.T01	Aldehyde dehydrogenase 7B4
maker-9-augustus-gene-164.19-mRNA-1	Japonica	NA		Os09g0441100	OsR498G0917544800.01.T02	Flavonoid 3'-monooxygenase
maker-9-augustus-gene-164.4-mRNA-1	Japonica	Indica		Os09g0440200	OsR498G0917541700.01.T04	BRCT domain-containing DNA repair protein
maker-9-augustus-gene-164.7-mRNA-1	Japonica	Indica		Os09g0441000	OsR498G0917544100.01.T01	Serine protease
maker-9-augustus-gene-164.9-mRNA-1	Japonica	NA		Os09g0441400	OsR498G0917545900.01.T02	Flavonoid 3'-monooxygenase
maker-9-augustus-gene-165.30-mRNA-1	Japonica	NA		Os09g0441900	OsR498G0917547300.01.T01	Dense and erect panicle 1
maker-9-augustus-gene-165.33-mRNA-1	Japonica	NA		Os09g0442300	OsR498G0917550300.01.T01	Oryzain gamma chain
maker-9-augustus-gene-165.41-mRNA-1	Japonica	Indica		Os09g0442600	OsR498G0917550700.01.T01	GTP diphosphokinase
maker-9-augustus-gene-165.45-mRNA-1	Japonica	Japonica		Os09g0442800	OsR498G0917551100.01.T02	Gag-Pol polyprotein/retrotransposon
maker-9-augustus-gene-165.49-mRNA-1	Japonica	NA				O-fucosyltransferase family protein (Fragment)
maker-9-augustus-gene-165.54-mRNA-1	Japonica	Indica		Os01g0177400	OsR498G0917551500.01.T01	Gibberellin 3-beta-dioxygenase 2-2
maker-9-augustus-gene-165.55-mRNA-1	Japonica	Indica		Os09g0441400	OsR498G0917546600.01.T01	Flavonoid 3'-monooxygenase
maker-9-augustus-gene-165.57-mRNA-1	Japonica	NA	CC-Kinase-TM	Os09g0442100	OsR498G0917547800.01.T01	Serine/threonine-protein kinase RIPK
maker-9-augustus-gene-165.60-mRNA-1	Japonica	NA			OsR498G0917551000.01.T02	Chromatin complex subunit A 106
maker-9-augustus-gene-165.66-mRNA-1	Japonica	Japonica		Os09g0443000	OsR498G0917551800.01.T01	FBD domain-containing protein
maker-9-augustus-gene-165.69-mRNA-1	Japonica	NA		Os09g0443400	OsR498G1220899000.01.T02	Glycine-rich RNA-binding protein-like
maker-9-augustus-gene-166.0-mRNA-1	Japonica	NA			OsR498G0917553500.01.T01	RWP-RK domain-containing protein
maker-9-augustus-gene-166.10-mRNA-1	Japonica	NA		Os09g0444200	OsR498G0917554200.01.T01	PDAT
maker-9-augustus-gene-166.14-mRNA-1	Japonica	NA		Os09g0444700		solute carrier family 25 member 44
maker-9-augustus-gene-166.2-mRNA-1	Japonica	Indica		Os08g0462700	OsR498G0917555100.01.T01	BREVIS RADIX transcription factor
maker-9-augustus-gene-166.5-mRNA-1	Japonica	NA				Mediator of RNA polymerase II transcription subunit 20
maker-9-augustus-gene-166.8-mRNA-1	Japonica	NA	CC-Kinase-TM			Serine-threonine protein kinase
maker-9-augustus-gene-167.0-mRNA-1	Japonica	NA			OsR498G0917564300.01.T02	Gamma-tubulin complex component
maker-9-augustus-gene-167.10-mRNA-1	Japonica	NA			OsR498G0917567800.01.T01	Homeobox-leucine zipper protein HAT3
maker-9-augustus-gene-167.2-mRNA-1	Japonica	NA		Os09g0446800	OsR498G0917566900.01.T04	Formyltetrahydrofolate synthetase
maker-9-augustus-gene-167.6-mRNA-1	Japonica	NA		Os09g0446000		Mitochondrial distribution and morphology protein 34 (Fragment)
maker-9-augustus-gene-167.8-mRNA-1	Japonica	NA		Os09g0446400		Putative Mutator-like transposase
maker-9-augustus-gene-168.42-mRNA-1	Japonica	NA		Os09g0448200	OsR498G0917573900.01.T02	Potassium transporter
maker-9-augustus-gene-168.45-mRNA-1	Japonica	Indica		Os09g0448500	OsR498G0917575300.01.T01	
maker-9-augustus-gene-168.48-mRNA-1	Japonica	NA			OsR498G0917576100.01.T01	
maker-9-augustus-gene-168.56-mRNA-1	Japonica	NA			OsR498G0917570000.01.T01	Oryzaalexin E synthase
maker-9-augustus-gene-168.58-mRNA-1	Japonica	NA		Os09g0447500	OsR498G0917570600.01.T01	Oryzaalexin E synthase
maker-9-augustus-gene-168.60-mRNA-1	Japonica	NA		Os09g0447900		
maker-9-augustus-gene-169.11-mRNA-1	Japonica	Indica		Os09g0450600	OsR498G0917585300.01.T01	
maker-9-augustus-gene-169.14-mRNA-1	Japonica	NA		Os09g0450300	OsR498G0917582600.01.T02	65-kDa microtubule-associated protein 6
maker-9-augustus-gene-169.19-mRNA-1	Japonica	NA		Os09g0451000	OsR498G0917586800.01.T01	1-amino-cyclopropane-1-carboxylic acid oxidase
maker-9-augustus-gene-169.2-mRNA-1	Japonica	Indica		Os09g0448100	OsR498G0917580500.01.T06	F-box protein interaction domain containing protein, expressed
maker-9-augustus-gene-169.5-mRNA-1	Japonica	NA			OsR498G0917581500.01.T01	
maker-9-augustus-gene-169.7-mRNA-1	Japonica	Indica		Os09g0450200	OsR498G0917582300.01.T04	SecE/sec61-gamma subunit of protein translocation complex protein
maker-9-augustus-gene-170.0-mRNA-1	Japonica	NA		Os09g0451400	OsR498G0917588300.01.T01	1-aminocyclopropane-1-carboxylic acid oxidase
maker-9-augustus-gene-170.12-mRNA-1	Japonica	NA		Os09g0452900	OsR498G0917592600.01.T02	Hexosyltransferase
maker-9-augustus-gene-170.15-mRNA-1	Japonica	NA		Os09g0453000	OsR498G0917592800.01.T01	Transmembrane protein 50
maker-9-augustus-gene-170.18-mRNA-1	Japonica	NA		Os09g0453300	OsR498G0917593400.01.T02	DCD (Development and Cell Death) domain-like protein
maker-9-augustus-gene-170.6-mRNA-1	Japonica	NA		Os09g0452200	OsR498G0917590900.01.T01	Erwinia induced protein 1
maker-9-augustus-gene-170.9-mRNA-1	Japonica	Indica		Os09g0453200	OsR498G0917593100.01.T01	Transmembrane emp24 domain-containing protein 10
maker-9-augustus-gene-171.1-mRNA-1	Japonica	NA		Os09g0453800	OsR498G0917594700.01.T01	Aspartate aminotransferase
maker-9-augustus-gene-171.11-mRNA-1	Japonica	NA		Os09g0453400	OsR498G0917593800.01.T01	Thylakoidal processing peptidase
maker-9-augustus-gene-171.16-mRNA-1	Japonica	NA		Os09g0453500	OsR498G0917594200.01.T03	Nuclear pore complex protein NUP58
maker-9-augustus-gene-171.22-mRNA-1	Japonica	NA			OsR498G0917594000.01.T05	Peptidase S9A/B/C, oligopeptidase, N-terminal beta-propeller
maker-9-augustus-gene-171.26-mRNA-1	Japonica	NA		Os09g0453900	OsR498G0917595200.01.T01	radial spoke head 10 homolog B-like
maker-9-augustus-gene-171.29-mRNA-1	Japonica	NA		Os09g0454200	OsR498G0917597200.01.T01	Zinc finger family protein, putative isoform 3
maker-9-augustus-gene-171.3-mRNA-1	Japonica	NA		Os09g0454100	OsR498G0917596900.01.T01	RHOMBOLD-like protein 10 chloroplastic
maker-9-augustus-gene-171.31-mRNA-1	Japonica	Indica		Os09g0454500	OsR498G0917598200.01.T02	Bifunctional monodehydroascorbate reductase and carbonic anhydrase nec
maker-9-augustus-gene-171.35-mRNA-1	Japonica	NA	Kinase-TM	Os09g0454900	OsR498G0917599400.01.T02	Non-specific serine/threonine protein kinase
maker-9-augustus-gene-171.6-mRNA-1	Japonica	NA		Os09g0454300	OsR498G0917597900.01.T01	F-box domain-containing protein (Fragment)
maker-9-augustus-gene-171.8-mRNA-1	Japonica	NA		Os09g0454600	OsR498G0917598500.01.T01	Mitochondrial phosphate carrier protein 2 mitochondrial
maker-9-augustus-gene-172.0-mRNA-1	Japonica	NA		Os09g0456100	OsR498G0917606100.01.T01	
maker-9-augustus-gene-172.5-mRNA-1	Japonica	NA		Os09g0456200	OsR498G0917606700.01.T02	ABSCISIC ACID-INSENSITIVE 5-like protein 5
maker-9-augustus-gene-172.8-mRNA-1	Japonica	NA		Os09g0455200	OsR498G0917600600.01.T01	Heat shock transcription factor
maker-9-augustus-gene-173.27-mRNA-1	Japonica	NA		Os09g0457100	OsR498G0917610600.01.T01	Absciscic acid 8'-hydroxylase
maker-9-augustus-gene-174.46-mRNA-1	Japonica	NA		Os09g0457500	OsR498G0917612100.01.T01	Alpha-amylase isozyme 3C

maker-9-augustus-gene-174.49-mRNA-1	Japonica	NA		Os09g0457800	OsR498G0917612900.01.T01	Alpha-amylase isozyme 3B
maker-9-augustus-gene-174.56-mRNA-1	Japonica	Japonica		Os09g0458000	OsR498G0917614100.01.T01	Protein WEAK CHLOROPLAST MOVEMENT UNDER BLUE LIGHT 1
maker-9-augustus-gene-174.58-mRNA-1	Japonica	NA	LRR-TM	Os09g0458300	OsR498G0917614700.01.T01	Putative leucine-rich repeat receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-174.60-mRNA-1	Japonica	NA		Os09g0458400	OsR498G0917614900.01.T01	Protein disulfide-isomerase SCO2
maker-9-augustus-gene-174.64-mRNA-1	Japonica	NA				
maker-9-augustus-gene-174.66-mRNA-1	Japonica	NA		Os09g0459800	OsR498G0917619300.01.T01	ARP protein (REF)
maker-9-augustus-gene-174.73-mRNA-1	Japonica	NA		Os09g0460100	OsR498G0917620300.01.T01	Alanine racemase
maker-9-augustus-gene-174.75-mRNA-1	Japonica	NA		Os09g0458100	OsR498G0917614400.01.T01	Fucosyltransferase
maker-9-augustus-gene-174.80-mRNA-1	Japonica	Indica		Os09g0459900	OsR498G0917620000.01.T01	Cyclin-dependent kinase inhibitor
maker-9-augustus-gene-175.41-mRNA-1	Japonica	Indica		Os08g0474700	OsR498G0917621100.01.T01	Protein transport protein SEC23
maker-9-augustus-gene-175.47-mRNA-1	Japonica	NA		Os09g0462400	OsR498G0917626300.01.T05	Patatin
maker-9-augustus-gene-176.42-mRNA-1	Japonica	Indica		Os09g0462700	OsR498G0917629100.01.T01	Polyadenylate-binding protein RBP47
maker-9-augustus-gene-176.46-mRNA-1	Japonica	NA		Os09g0463300	OsR498G0917631500.01.T02	Ternary complex factor MIP1-like protein
maker-9-augustus-gene-176.50-mRNA-1	Japonica	Indica		Os08g0477900	OsR498G0917635100.01.T01	BHLH domain-containing protein (Fragment)
maker-9-augustus-gene-176.52-mRNA-1	Japonica	Japonica		Os09g0462901	OsR498G0917629800.01.T01	Carboxypeptidase
maker-9-augustus-gene-176.55-mRNA-1	Japonica	NA			OsR498G0917630200.01.T02	Carboxypeptidase
maker-9-augustus-gene-176.58-mRNA-1	Japonica	NA		Os09g0464000	OsR498G0917635400.01.T02	Carbonic anhydrase
maker-9-augustus-gene-177.0-mRNA-1	Japonica	NA				
maker-9-augustus-gene-177.10-mRNA-1	Japonica	NA		Os09g0466300	OsR498G0917644900.01.T01	GRAM domain
maker-9-augustus-gene-177.14-mRNA-1	Japonica	NA		Os09g0464400	OsR498G0917638000.01.T01	USP domain-containing protein
maker-9-augustus-gene-177.19-mRNA-1	Japonica	NA		Os09g0465600	OsR498G0917641000.01.T01	Glucose-6-phosphate isomerase
maker-9-augustus-gene-177.24-mRNA-1	Japonica	NA		Os09g0465800	OsR498G0917641400.01.T03	CAAD domain-containing protein (Fragment)
maker-9-augustus-gene-177.3-mRNA-1	Japonica	Japonica		Os09g0465500	OsR498G0917640700.01.T01	
maker-9-augustus-gene-177.7-mRNA-1	Japonica	NA		Os09g0466100	OsR498G0917643500.01.T01	Cyclin dependent kinase regulator
maker-9-augustus-gene-178.36-mRNA-1	Japonica	NA		Os03g0114600	OsR498G0612855600.01.T01	Calcineurin-like phosphoesterase family protein, putative
maker-9-augustus-gene-178.38-mRNA-1	Japonica	NA		Os09g0467100	OsR498G0917648500.01.T03	SAICAR synthetase
maker-9-augustus-gene-178.44-mRNA-1	Japonica	Japonica		Os09g0467200	OsR498G0510836400.01.T01	Tau class glutathione S-transferase
maker-9-augustus-gene-178.46-mRNA-1	Japonica	NA		Os09g0468000	OsR498G0917650500.01.T01	Protein DETOXIFICATION
maker-9-augustus-gene-178.48-mRNA-1	Japonica	NA		Os09g0466800		Putative glycosyltransferase 61
maker-9-augustus-gene-178.50-mRNA-1	Japonica	Japonica	Kinase-TM	Os09g0466900	OsR498G0917648000.01.T01	Serine/threonine-protein kinase PEPKR2
maker-9-augustus-gene-178.54-mRNA-1	Japonica	NA		Os09g0467300	OsR498G0917648800.01.T01	Purine permease 3
maker-9-augustus-gene-178.56-mRNA-1	Japonica	NA		Os09g0467400	OsR498G0917649000.01.T01	Purine permease 3
maker-9-augustus-gene-178.57-mRNA-1	Japonica	Japonica		Os09g0467400	OsR498G0917649000.01.T01	Purine transporter
maker-9-augustus-gene-179.41-mRNA-1	Japonica	NA		Os09g0468700	OsR498G0917653900.01.T02	Transcription factor bHLH96 isoform A
maker-9-augustus-gene-179.43-mRNA-1	Japonica	NA		Os09g0468900	OsR498G0917654300.01.T01	Phytoecyanin domain-containing protein
maker-9-augustus-gene-179.47-mRNA-1	Japonica	Indica		Os09g0469300	OsR498G0917654500.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-9-augustus-gene-179.49-mRNA-1	Japonica	NA		Os09g0469900	OsR498G0917656500.01.T01	Queuine tRNA-ribosyltransferase catalytic subunit 1
maker-9-augustus-gene-179.54-mRNA-1	Japonica	NA			OsR498G0917656700.01.T01	Plastidic general dicarboxylate transporter
maker-9-augustus-gene-179.58-mRNA-1	Japonica	NA				Isoamylase-type starch debranching enzyme3
maker-9-augustus-gene-179.59-mRNA-1	Japonica	NA			OsR498G0917656000.01.T04	Isoamylase-type starch debranching enzyme ISO3
maker-9-augustus-gene-180.34-mRNA-1	Japonica	NA		Os09g0470500	OsR498G0917658500.01.T01	Class I homeodomain-leucine zipper protein 4
maker-9-augustus-gene-180.38-mRNA-1	Japonica	NA		Os09g0470900	OsR498G0917659300.01.T01	Signal transducer
maker-9-augustus-gene-180.41-mRNA-1	Japonica	Indica		Os09g0471000	OsR498G0917659900.01.T01	Cysteine dioxygenase
maker-9-augustus-gene-180.45-mRNA-1	Japonica	NA		Os09g0471100	OsR498G0917660200.01.T01	Peroxidase
maker-9-augustus-gene-180.47-mRNA-1	Japonica	NA	Kinase	Os09g0471200	OsR498G0917660800.01.T02	Wall-associated receptor kinase 3
maker-9-augustus-gene-180.51-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0917661800.01.T01	Wall-associated receptor kinase-like 8
maker-9-augustus-gene-180.54-mRNA-1	Japonica	NA			OsR498G0917662800.01.T02	Wall-associated receptor kinase 3
maker-9-augustus-gene-181.33-mRNA-1	Japonica	NA		Os09g0471900	OsR498G0917664100.01.T01	tRNA (Cytosine(34)-C(5))-methyltransferase
maker-9-augustus-gene-181.39-mRNA-1	Japonica	NA		Os09g0472100	OsR498G0917665300.01.T01	ABC transporter domain-containing protein (Fragment)
maker-9-augustus-gene-181.41-mRNA-1	Japonica	NA		Os09g0472200		ABC transporter domain-containing protein (Fragment)
maker-9-augustus-gene-181.48-mRNA-1	Japonica	Indica		Os09g0472700	OsR498G0917668100.01.T01	Expansin-like EG45 domain-containing protein (Fragment)
maker-9-augustus-gene-181.50-mRNA-1	Japonica	NA	Kinase-TM			Wall-associated receptor kinase
maker-9-augustus-gene-181.52-mRNA-1	Japonica	NA			OsR498G0917668400.01.T01	Methyl binding domain117
maker-9-augustus-gene-182.0-mRNA-1	Japonica	NA		Os09g0474100	OsR498G0917671300.01.T07	BHLH transcription factor (Fragment)
maker-9-augustus-gene-182.15-mRNA-1	Japonica	Indica		Os09g0474300	OsR498G0917672200.01.T01	Heat shock protein like
maker-9-augustus-gene-182.5-mRNA-1	Japonica	NA			OsR498G0917669200.01.T03	
maker-9-augustus-gene-182.7-mRNA-1	Japonica	NA			OsR498G0917669600.01.T02	Pentatricopeptide repeat-containing protein (Fragment)
maker-9-augustus-gene-183.0-mRNA-1	Japonica	NA			OsR498G0917677100.01.T06	BHLH transcription factor
maker-9-augustus-gene-183.13-mRNA-1	Japonica	NA		Os09g0475700	OsR498G0917678200.01.T06	Prolyl endopeptidase-like
maker-9-augustus-gene-183.9-mRNA-1	Japonica	Indica		Os06g0284200	OsR498G0917677600.01.T01	O-fucosyltransferase family protein
maker-9-augustus-gene-184.33-mRNA-1	Japonica	NA		Os09g0479100	OsR498G0917689300.01.T04	F-box protein CPR30

maker-9-augustus-gene-185.41-mRNA-1	Japonica	Indica		Os02g0198700	OsR498G0917692300.01.T01	Subtilisin-like protease
maker-9-augustus-gene-185.48-mRNA-1	Japonica	NA		Os09g0481100	OsR498G0917697100.01.T05	Phosphatidylinositol/phosphatidylcholine transfer protein SFH13
maker-9-augustus-gene-185.54-mRNA-1	Japonica	NA	CC-NBS-TM	Os09g0479500	OsR498G0917691400.01.T01	Disease resistance protein RPM1
maker-9-augustus-gene-185.56-mRNA-1	Japonica	NA			OsR498G0917697600.01.T02	WPP domain-interacting protein 2
maker-9-augustus-gene-185.58-mRNA-1	Japonica	NA		Os09g0481400	OsR498G0917697800.01.T01	Caffeoyl-CoA O-methyltransferase 1
maker-9-augustus-gene-186.0-mRNA-1	Japonica	Japonica		Os09g0482200	OsR498G0612924300.01.T02	Aspartic proteinase nepenthesin-1
maker-9-augustus-gene-186.10-mRNA-1	Japonica	NA		Os09g0481700	OsR498G0917698800.01.T03	WRKY transcription factor
maker-9-augustus-gene-186.13-mRNA-1	Japonica	NA		Os09g0482000	OsR498G0917700200.01.T01	Plant UBX domain-containing protein 10
maker-9-augustus-gene-186.16-mRNA-1	Japonica	NA		Os09g0482100	OsR498G0917700400.01.T01	Cytosolic heat shock protein 90
maker-9-augustus-gene-186.17-mRNA-1	Japonica	NA		Os09g0482610	OsR498G0917701400.01.T01	Cytosolic heat shock protein 90
maker-9-augustus-gene-186.2-mRNA-1	Japonica	NA	Kinase-TM	Os09g0482640	OsR498G0917701900.01.T01	Wall associated kinase
maker-9-augustus-gene-186.26-mRNA-1	Japonica	NA				Sodium/hydrogen exchanger
maker-9-augustus-gene-186.30-mRNA-1	Japonica	Indica		Os09g0482660	OsR498G0917703200.01.T01	CO(2)-response secreted protease
maker-9-augustus-gene-186.34-mRNA-1	Japonica	NA		Os09g0482680	OsR498G0917705000.01.T01	tRNase Z TRZ2, chloroplastic
maker-9-augustus-gene-186.39-mRNA-1	Japonica	NA			OsR498G0917705200.01.T02	BPI2 domain-containing protein (Fragment)
maker-9-augustus-gene-186.4-mRNA-1	Japonica	NA		Os09g0482740	OsR498G0917705500.01.T01	DUF1664 domain-containing protein (Fragment)
maker-9-augustus-gene-187.0-mRNA-1	Japonica	NA		Os09g0484200	OsR498G0917711700.01.T01	Induced stolon tip protein TUB8
maker-9-augustus-gene-187.3-mRNA-1	Japonica	NA		Os09g0484300	OsR498G0917712000.01.T01	Ubiquitin-protein ligase 7
maker-9-augustus-gene-188.26-mRNA-1	Japonica	NA		Os09g0484800	OsR498G0917713300.01.T01	pirin-like protein isoform X1
maker-9-augustus-gene-188.28-mRNA-1	Japonica	NA		Os09g0484900	OsR498G0917714500.01.T02	Tonoplast dicarboxylate transporter
maker-9-augustus-gene-188.31-mRNA-1	Japonica	Japonica		Os09g0485800	OsR498G0917716700.01.T01	Latent-transforming growth factor beta-binding protein like
maker-9-augustus-gene-188.33-mRNA-1	Japonica	NA		Os06g0246600	OsR498G0713362700.01.T01	Glutamate receptor
maker-9-augustus-gene-188.35-mRNA-1	Japonica	NA		Os09g0485900	OsR498G0917716600.01.T01	60S ribosomal protein L9
maker-9-augustus-gene-188.39-mRNA-1	Japonica	NA			OsR498G0917719600.01.T01	
maker-9-augustus-gene-188.41-mRNA-1	Japonica	NA		Os09g0487200	OsR498G0917720000.01.T04	Dilute domain-containing protein (Fragment)
maker-9-augustus-gene-189.29-mRNA-1	Japonica	NA		Os09g0487700	OsR498G0917721300.01.T04	OTU domain-containing protein
maker-9-augustus-gene-189.32-mRNA-1	Japonica	NA		Os09g0487900	OsR498G0917721500.01.T01	Transcription factor bHLH130
maker-9-augustus-gene-189.36-mRNA-1	Japonica	NA		Os09g0488600	OsR498G0917722500.01.T01	Inactive rhomboid 1
maker-9-augustus-gene-189.39-mRNA-1	Japonica	Indica		Os09g0488700	OsR498G0917722900.01.T02	Cobyric acid synthase (Fragment)
maker-9-augustus-gene-189.42-mRNA-1	Japonica	NA		Os09g0487600	OsR498G0917721000.01.T01	Polygalacturonaseprecursor
maker-9-augustus-gene-189.44-mRNA-1	Japonica	NA		Os09g0488800	OsR498G0917723200.01.T01	IRK-interacting protein (Fragment)
maker-9-augustus-gene-189.46-mRNA-1	Japonica	NA		Os09g0489200	OsR498G0917724200.01.T02	JmjC domain
maker-9-augustus-gene-189.53-mRNA-1	Japonica	NA		Os09g0489500	OsR498G0917724400.01.T02	BZIP transcription factor
maker-9-augustus-gene-189.57-mRNA-1	Japonica	Indica		Os09g0491100	OsR498G0917725800.01.T01	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucosideb
maker-9-augustus-gene-190.36-mRNA-1	Japonica	NA		Os09g0491100	OsR498G0917727000.01.T01	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucosideb
maker-9-augustus-gene-190.39-mRNA-1	Japonica	Indica		Os09g0491532	OsR498G0917728000.01.T01	Squamosa promoter-binding-like protein 9
maker-9-augustus-gene-190.41-mRNA-1	Japonica	NA				
maker-9-augustus-gene-190.43-mRNA-1	Japonica	NA			OsR498G0917730800.01.T01	Bromo domain-containing protein
maker-9-augustus-gene-190.45-mRNA-1	Japonica	NA		Os09g0491692	OsR498G0917731600.01.T01	Midasin like
maker-9-augustus-gene-190.47-mRNA-1	Japonica	NA		Os09g0491708	OsR498G0917731800.01.T01	AT-hook motif nuclear-localized protein (Fragment)
maker-9-augustus-gene-190.50-mRNA-1	Japonica	NA			OsR498G0917732800.01.T01	Putative membrane transport protein
maker-9-augustus-gene-190.55-mRNA-1	Japonica	NA		Os09g0491772	OsR498G0917733200.01.T01	Heat shock protein, mitochondrial
maker-9-augustus-gene-191.0-mRNA-1	Japonica	NA		Os09g0492700	OsR498G0917736100.01.T01	3-hydroxy-3-methylglutaryl coenzyme A reductase
maker-9-augustus-gene-191.14-mRNA-1	Japonica	NA		Os09g0491852	OsR498G0917735200.01.T03	Dihydroflavonol-4-reductase
maker-9-augustus-gene-191.18-mRNA-1	Japonica	Japonica		Os09g0491868	OsR498G0917735400.01.T02	Epimerase domain-containing protein (Fragment)
maker-9-augustus-gene-191.20-mRNA-1	Japonica	NA			OsR498G0917736600.01.T01	Cysteine/Histidine-rich C1 domain family protein, putative isoform 1
maker-9-augustus-gene-191.3-mRNA-1	Japonica	NA		Os09g0491788	OsR498G0917733800.01.T01	Epimerase domain-containing protein (Fragment)
maker-9-augustus-gene-191.5-mRNA-1	Japonica	NA		Os09g0491820	OsR498G0917734800.01.T01	Dihydroflavonol-4-reductase
maker-9-augustus-gene-191.8-mRNA-1	Japonica	NA		Os09g0491852	OsR498G0917735000.01.T02	Epimerase domain-containing protein
maker-9-augustus-gene-191.9-mRNA-1	Japonica	NA		Os09g0518400		NAD-dependent epimerase/dehydratase
maker-9-augustus-gene-192.40-mRNA-1	Japonica	NA		Os09g0493400	OsR498G0917737700.01.T01	Ternary complex factor-like
maker-9-augustus-gene-192.46-mRNA-1	Japonica	NA		Os09g0494200	OsR498G0917739300.01.T01	Chitinase
maker-9-augustus-gene-192.49-mRNA-1	Japonica	NA		Os09g0494600	OsR498G0917740300.01.T01	
maker-9-augustus-gene-192.51-mRNA-1	Japonica	NA			OsR498G0917741700.01.T01	
maker-9-augustus-gene-192.53-mRNA-1	Japonica	NA		Os09g0495200	OsR498G0917742100.01.T01	
maker-9-augustus-gene-192.59-mRNA-1	Japonica	NA		Os09g0493500	OsR498G0917738000.01.T03	Epimerase domain-containing protein
maker-9-augustus-gene-192.61-mRNA-1	Japonica	NA		Os09g0493600	OsR498G0917738200.01.T01	Protein lojap, chloroplastic
maker-9-augustus-gene-192.66-mRNA-1	Japonica	NA		Os09g0493700	OsR498G0917738400.01.T02	NAC transcription factor
maker-9-augustus-gene-192.70-mRNA-1	Japonica	NA		Os09g0493800	OsR498G0917738600.01.T01	DnaJ domain
maker-9-augustus-gene-192.73-mRNA-1	Japonica	NA		Os09g0494300	OsR498G0917739600.01.T01	Methyl-CpG-binding domain-containing protein 2
maker-9-augustus-gene-192.76-mRNA-1	Japonica	NA			OsR498G0917740000.01.T01	

maker-9-augustus-gene-192.78-mRNA-1	Japonica	NA				
maker-9-augustus-gene-192.80-mRNA-1	Japonica	Indica		Os09g0495400	OsR498G0917742800.01.T01	
maker-9-augustus-gene-193.0-mRNA-1	Japonica	NA		Os09g0497000	OsR498G0917743900.01.T05	Putative mitochondrial adenine nucleotide transporter BTL1
maker-9-augustus-gene-193.11-mRNA-1	Japonica	NA		Os09g0497700	OsR498G0917745500.01.T02	Myosin heavy chain-related
maker-9-augustus-gene-193.17-mRNA-1	Japonica	Indica		Os09g0536300	OsR498G0917746700.01.T01	Pathogenesis-related protein 5
maker-9-augustus-gene-193.19-mRNA-1	Japonica	Indica		Os09g0498600	OsR498G0917748700.01.T02	Poly(RC)-binding protein 3-like
maker-9-augustus-gene-193.22-mRNA-1	Japonica	Indica		Os08g0168150	OsR498G0917743600.01.T01	Actin assembly factor
maker-9-augustus-gene-193.24-mRNA-1	Japonica	NA			OsR498G0917743800.01.T02	tRNA-splicing endonuclease positive effector (SEN1)
maker-9-augustus-gene-193.26-mRNA-1	Japonica	NA			OsR498G0917743800.01.T03	P-loop containing nucleoside triphosphate hydrolase
maker-9-augustus-gene-193.31-mRNA-1	Japonica	NA		Os09g0497100	OsR498G0917744200.01.T02	PUM-HD domain-containing protein
maker-9-augustus-gene-193.34-mRNA-1	Japonica	NA		Os09g0497500	OsR498G0917745200.01.T01	Senescence-specific cysteine protease
maker-9-augustus-gene-193.37-mRNA-1	Japonica	NA			OsR498G0917745400.01.T01	F-box domain
maker-9-augustus-gene-193.41-mRNA-1	Japonica	NA		Os09g0497900	OsR498G0917746200.01.T01	NAC domain containing protein 38
maker-9-augustus-gene-193.44-mRNA-1	Japonica	Indica		Os12g0543600	OsR498G0917747400.01.T01	DAO domain-containing protein (Fragment)
maker-9-augustus-gene-193.5-mRNA-1	Japonica	NA		Os09g0497400	OsR498G0917744900.01.T04	ER membrane protein complex subunit 3
maker-9-augustus-gene-194.0-mRNA-1	Japonica	NA		Os09g0498700	OsR498G0917748900.01.T01	F-box domain-containing protein
maker-9-augustus-gene-194.11-mRNA-1	Japonica	NA		Os09g0498800	OsR498G0917749800.01.T01	O-fucosyltransferase family protein (Fragment)
maker-9-augustus-gene-194.14-mRNA-1	Japonica	NA		Os09g0499000	OsR498G0917750600.01.T01	Oligopeptide transporter-like protein
maker-9-augustus-gene-194.16-mRNA-1	Japonica	NA		Os09g0499600		HAT dimerization domain-containing protein / transposase-like protein
maker-9-augustus-gene-194.19-mRNA-1	Japonica	NA		Os09g0500000	OsR498G0917753800.01.T01	FBD domain-containing protein
maker-9-augustus-gene-194.2-mRNA-1	Japonica	NA		Os09g0500300	OsR498G0917754500.01.T01	Type II inositol polyphosphate 5-phosphatase 15
maker-9-augustus-gene-194.24-mRNA-1	Japonica	NA		Os09g0500100	OsR498G0917754200.01.T02	FBD domain-containing protein
maker-9-augustus-gene-194.27-mRNA-1	Japonica	NA		Os09g0500200	OsR498G0917754400.01.T02	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12
maker-9-augustus-gene-194.8-mRNA-1	Japonica	NA		Os09g0500600	OsR498G0917754700.01.T01	DNA topoisomerase
maker-9-augustus-gene-195.49-mRNA-1	Japonica	NA		Os09g0501100	OsR498G0917756100.01.T01	60S ribosomal protein L32
maker-9-augustus-gene-195.52-mRNA-1	Japonica	NA		Os09g0502500	OsR498G0917759700.01.T01	Chloroplastic quinone-oxidoreductase
maker-9-augustus-gene-195.56-mRNA-1	Japonica	NA		Os09g0503100	OsR498G0917761900.01.T01	Chloroplastic quinone-oxidoreductase
maker-9-augustus-gene-195.60-mRNA-1	Japonica	Indica		Os08g0524200	OsR498G0917755000.01.T01	Cytochrome b561 and DOMON domain-containing protein (Fragment)
maker-9-augustus-gene-195.62-mRNA-1	Japonica	NA		Os09g0501600	OsR498G0917757000.01.T02	BHLH transcription factor
maker-9-augustus-gene-195.66-mRNA-1	Japonica	Indica		Os09g0501700	OsR498G0917757400.01.T01	60S ribosomal protein L32
maker-9-augustus-gene-195.70-mRNA-1	Japonica	NA		Os09g0501850	OsR498G0917757600.01.T01	Peptidylprolyl isomerase
maker-9-augustus-gene-195.72-mRNA-1	Japonica	NA		Os09g0502000	OsR498G0917757800.01.T01	60S ribosomal protein L32
maker-9-augustus-gene-195.74-mRNA-1	Japonica	NA			OsR498G0917758000.01.T01	FK506-binding protein 2-1
maker-9-augustus-gene-195.78-mRNA-1	Japonica	NA		Os09g0502200	OsR498G0917759000.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-9-augustus-gene-195.82-mRNA-1	Japonica	Indica		Os09g0502600	OsR498G0917760000.01.T02	FBD domain-containing protein
maker-9-augustus-gene-195.84-mRNA-1	Japonica	NA			OsR498G0917761000.01.T01	FBD domain-containing protein
maker-9-augustus-gene-196.0-mRNA-1	Japonica	NA		Os09g0504400	OsR498G0917764300.01.T01	(RAP Annotation release2) Cyclin
maker-9-augustus-gene-196.10-mRNA-1	Japonica	Japonica		Os09g0505200	OsR498G0917766700.01.T05	FHA domain-containing protein FHA2
maker-9-augustus-gene-196.13-mRNA-1	Japonica	Indica		Os09g0505600	OsR498G0917767700.01.T01	Proteasome endopeptidase complex
maker-9-augustus-gene-196.16-mRNA-1	Japonica	NA		Os09g0505700	OsR498G0917767900.01.T04	Ribulose-phosphate 3-epimerase
maker-9-augustus-gene-196.21-mRNA-1	Japonica	NA		Os09g0505800	OsR498G0917768300.01.T01	Uridine kinase
maker-9-augustus-gene-196.28-mRNA-1	Japonica	NA			OsR498G0917768500.01.T01	Purple acid phosphatase
maker-9-augustus-gene-196.30-mRNA-1	Japonica	NA		Os09g0504700	OsR498G0917764600.01.T02	RING/U-box superfamily protein
maker-9-augustus-gene-196.32-mRNA-1	Japonica	NA		Os09g0504900	OsR498G0917765000.01.T02	Calcium-dependent protein kinase 14
maker-9-augustus-gene-196.37-mRNA-1	Japonica	NA		Os09g0505100	OsR498G0917766200.01.T01	Ubiquitinyl hydrolase 1
maker-9-augustus-gene-196.39-mRNA-1	Japonica	NA		Os09g0505300	OsR498G0917767000.01.T02	Acyl-[acyl-carrier-protein] hydrolase
maker-9-augustus-gene-196.43-mRNA-1	Japonica	Japonica		Os09g0505400	OsR498G0917767400.01.T01	Auxin efflux carrier component
maker-9-augustus-gene-196.7-mRNA-1	Japonica	NA		Os09g0504800	OsR498G0917764700.01.T01	tRNA-splicing endonuclease
maker-9-augustus-gene-197.0-mRNA-1	Japonica	Indica		Os03g0202500	OsR498G0917768900.01.T07	FBD domain-containing protein
maker-9-augustus-gene-197.20-mRNA-1	Japonica	Japonica		Os09g0506700	OsR498G0917770300.01.T01	FBD domain-containing protein
maker-9-augustus-gene-197.24-mRNA-1	Japonica	NA		Os09g0506800	OsR498G0917770500.01.T06	HORMA domain-containing protein 1
maker-9-augustus-gene-197.32-mRNA-1	Japonica	NA			OsR498G0917770900.01.T01	HORMA domain-containing protein 1
maker-9-augustus-gene-197.38-mRNA-1	Japonica	NA		Os09g0507200	OsR498G0917772700.01.T01	agamous-like MADS-box protein AGL9 homolog
maker-9-augustus-gene-197.42-mRNA-1	Japonica	NA		Os09g0507300	OsR498G0917773100.01.T01	L-ascorbate oxidase
maker-9-augustus-gene-197.44-mRNA-1	Japonica	NA		Os09g0507400	OsR498G0917774100.01.T01	Transcription initiation factor TFIID subunit like
maker-9-augustus-gene-197.46-mRNA-1	Japonica	NA				HTH myb-type domain-containing protein
maker-9-augustus-gene-197.48-mRNA-1	Japonica	NA		Os09g0506000	OsR498G0917768800.01.T01	Purple acid phosphatase
maker-9-augustus-gene-197.52-mRNA-1	Japonica	NA		Os09g0507500	OsR498G0917774400.01.T01	Peroxidase
maker-9-augustus-gene-197.54-mRNA-1	Japonica	Indica		Os08g0532900	OsR498G0917774600.01.T04	GOLD domain-containing protein (Fragment)
maker-9-augustus-gene-197.6-mRNA-1	Japonica	NA				keratinocyte proline-rich protein-like
maker-9-augustus-gene-197.7-mRNA-1	Japonica	NA		Os09g0506300		FBD domain-containing protein

maker-9-augustus-gene-198.35-mRNA-1	Japonica	Indica		Os09g0508500	OsR498G091777500.01.T02	Double-stranded RNA binding motif family protein
maker-9-augustus-gene-198.38-mRNA-1	Japonica	NA		Os09g0509100	OsR498G0917779100.01.T01	NAC transcription factor
maker-9-augustus-gene-198.40-mRNA-1	Japonica	NA		Os09g0509200	OsR498G0917779300.01.T01	Pyruvate dehydrogenase (acetyl-transferring)
maker-9-augustus-gene-198.46-mRNA-1	Japonica	NA		Os09g0509300	OsR498G0917779700.01.T05	Hydroxyproline-rich glycoprotein family protein
maker-9-augustus-gene-198.50-mRNA-1	Japonica	NA		Os09g0509400	OsR498G0917780100.01.T02	
maker-9-augustus-gene-198.55-mRNA-1	Japonica	NA		Os09g0507800	OsR498G0917775000.01.T01	
maker-9-augustus-gene-198.60-mRNA-1	Japonica	NA		Os09g0508200	OsR498G0917776400.01.T02	Pollen-specific protein-like
maker-9-augustus-gene-198.62-mRNA-1	Japonica	Indica		Os08g0535200	OsR498G0917776800.01.T02	Bidirectional sugar transporter SWEET
maker-9-augustus-gene-198.64-mRNA-1	Japonica	NA		Os09g0508900	OsR498G0917778000.01.T01	Peroxisomal nicotinamide adenine dinucleotide carrier
maker-9-augustus-gene-198.73-mRNA-1	Japonica	NA		Os09g0509000	OsR498G0917778400.01.T01	Multiple organellar RNA editing factor 8 chloroplastic/mitochondrial
maker-9-augustus-gene-198.78-mRNA-1	Japonica	NA		Os09g0509500	OsR498G0917780400.01.T01	Acyltransferase-like protein, chloroplastic
maker-9-augustus-gene-199.34-mRNA-1	Japonica	NA		Os09g0510200	OsR498G0917782300.01.T01	DUF667 domain-containing protein
maker-9-augustus-gene-199.37-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0917786500.01.T01	Chitin elicitor receptor kinase 1
maker-9-augustus-gene-199.43-mRNA-1	Japonica	NA		Os09g0511500	OsR498G0917787500.01.T03	E3 ubiquitin-protein ligase RFI2-like
maker-9-augustus-gene-199.47-mRNA-1	Japonica	Indica		Os08g0536300	OsR498G0917780800.01.T01	Zinc finger protein CONSTANS-LIKE 15-like
maker-9-augustus-gene-199.49-mRNA-1	Japonica	NA		Os09g0510500	OsR498G0917783800.01.T03	Transcription factor bHLH137
maker-9-augustus-gene-199.53-mRNA-1	Japonica	NA		Os09g0510700	OsR498G0917784600.01.T01	ADP-ribosylation factor GTPase-activating protein AGD3
maker-9-augustus-gene-199.58-mRNA-1	Japonica	NA			OsR498G0917786200.01.T01	Transcription factor MYB3R-4
maker-9-augustus-gene-199.61-mRNA-1	Japonica	NA		Os09g0325220	OsR498G0917786400.01.T02	FBD domain-containing protein
maker-9-augustus-gene-2.29-mRNA-1	Japonica	NA		Os09g0100800		
maker-9-augustus-gene-20.57-mRNA-1	Japonica	NA				Ankyrin-like protein-like protein
maker-9-augustus-gene-200.49-mRNA-1	Japonica	Japonica		Os09g0512000	OsR498G0917788900.01.T01	
maker-9-augustus-gene-200.52-mRNA-1	Japonica	NA				
maker-9-augustus-gene-200.54-mRNA-1	Japonica	NA			OsR498G0917790500.01.T02	Hsp70 nucleotide exchange factor fes1
maker-9-augustus-gene-200.58-mRNA-1	Japonica	Indica		Os03g0851500	OsR498G0917790700.01.T01	DNA repair RAD52-like protein 2, chloroplastic
maker-9-augustus-gene-200.61-mRNA-1	Japonica	NA		Os09g0512900	OsR498G0917791100.01.T01	Plasma membrane
maker-9-augustus-gene-200.64-mRNA-1	Japonica	NA		Os09g0513000	OsR498G0917791500.01.T02	Ankyrin repeat domain-containing protein 2
maker-9-augustus-gene-200.69-mRNA-1	Japonica	NA			OsR498G0917791700.01.T01	Phospholipase
maker-9-augustus-gene-200.74-mRNA-1	Japonica	NA		Os09g0511600	OsR498G0917787800.01.T01	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucosideb
maker-9-augustus-gene-200.77-mRNA-1	Japonica	Indica		Os09g0511900	OsR498G0917788200.01.T04	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucosideb
maker-9-augustus-gene-200.84-mRNA-1	Japonica	Japonica		Os09g0511900	OsR498G0917788200.01.T02	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucosideb
maker-9-augustus-gene-200.86-mRNA-1	Japonica	NA		Os09g0512100		
maker-9-augustus-gene-200.88-mRNA-1	Japonica	NA		Os09g0513200	OsR498G0917792000.01.T05	Solute carrier family 35 member F1
maker-9-augustus-gene-201.0-mRNA-1	Japonica	Indica	Kinase-TM	Os01g0899000	OsR498G0917792700.01.T02	Putative Pto kinase interactor 1
maker-9-augustus-gene-201.12-mRNA-1	Japonica	NA		Os09g0514100	OsR498G0917793300.01.T01	DAO domain-containing protein (Fragment)
maker-9-augustus-gene-201.17-mRNA-1	Japonica	Indica		Os09g0514300	OsR498G0917794300.01.T03	Processing isoform 1
maker-9-augustus-gene-201.22-mRNA-1	Japonica	NA		Os09g0514400	OsR498G0917794500.01.T03	Farnesyltransferase/type I geranylgeranyltransferase alpha subunit
maker-9-augustus-gene-201.26-mRNA-1	Japonica	NA			OsR498G0917795100.01.T03	Aleucone layer morphogenesis protein
maker-9-augustus-gene-201.30-mRNA-1	Japonica	Japonica		Os09g0514700	OsR498G0917795700.01.T04	
maker-9-augustus-gene-201.33-mRNA-1	Japonica	NA		Os09g0514900	OsR498G0917796100.01.T01	Transcription factor like
maker-9-augustus-gene-201.35-mRNA-1	Japonica	NA		Os09g0515100	OsR498G0917796500.01.T01	Cell division cycle protein 48-related / CDC48-related isoform 1
maker-9-augustus-gene-201.4-mRNA-1	Japonica	NA		Os09g0513700		U11/U12 small nuclear ribonucleoprotein 35 kDa protein
maker-9-augustus-gene-201.42-mRNA-1	Japonica	NA				Trigger factor like
maker-9-augustus-gene-201.47-mRNA-1	Japonica	NA	TM	Os09g0515500	OsR498G0917797500.01.T01	Tr-type G domain-containing protein (Fragment)
maker-9-augustus-gene-201.51-mRNA-1	Japonica	NA		Os09g0513300	OsR498G0917745200.01.T01	
maker-9-augustus-gene-201.52-mRNA-1	Japonica	NA			OsR498G0917792400.01.T02	
maker-9-augustus-gene-201.66-mRNA-1	Japonica	NA		Os09g0515200	OsR498G0917796800.01.T01	Proteasome endopeptidase complex
maker-9-augustus-gene-201.69-mRNA-1	Japonica	NA			OsR498G0917797000.01.T04	Proteasome endopeptidase complex
maker-9-augustus-gene-201.7-mRNA-1	Japonica	NA		Os09g0513800	OsR498G0917792900.01.T06	probable E3 ubiquitin-protein ligase ARI7
maker-9-augustus-gene-202.0-mRNA-1	Japonica	Indica		Os09g0515700	OsR498G0917797700.01.T04	Tr-type G domain-containing protein
maker-9-augustus-gene-202.12-mRNA-1	Japonica	NA		Os09g0516200	OsR498G0917799000.01.T03	Transcription factor RF2a
maker-9-augustus-gene-202.15-mRNA-1	Japonica	NA		Os09g0516300	OsR498G0917800000.01.T01	Flowering time control protein FPA
maker-9-augustus-gene-202.18-mRNA-1	Japonica	NA			OsR498G0917800600.01.T02	Reticulon domain-containing protein
maker-9-augustus-gene-202.25-mRNA-1	Japonica	NA		Os09g0516600	OsR498G0917800800.01.T01	Glyoxalase II
maker-9-augustus-gene-202.28-mRNA-1	Japonica	Indica		Os09g0516700	OsR498G0917801000.01.T02	PHD finger protein rhinoceros-like
maker-9-augustus-gene-202.3-mRNA-1	Japonica	NA		Os09g0517000		Zinc transporter like
maker-9-augustus-gene-202.31-mRNA-1	Japonica	NA		Os09g0516900	OsR498G0917802400.01.T01	BAG-associated GRAM protein 1
maker-9-augustus-gene-202.37-mRNA-1	Japonica	NA	CC-LRR-NBS		OsR498G0917802800.01.T01	Pib variant protein (Fragment)
maker-9-augustus-gene-202.41-mRNA-1	Japonica	NA	CC-NBS-TM	Os09g0517200	OsR498G0917803000.01.T01	NB-ARC domain-containing protein (Fragment)
maker-9-augustus-gene-202.5-mRNA-1	Japonica	NA		Os09g0517600	OsR498G0917803700.01.T01	Formin-like protein 15
maker-9-augustus-gene-202.7-mRNA-1	Japonica	NA		Os09g0515800	OsR498G0917798400.01.T02	Rab-GAP TBC domain-containing protein

maker-9-augustus-gene-203.0-mRNA-1	Japonica	NA		Os09g0517900	OsR498G0917804300.01.T01	Glycosyltransferase
maker-9-augustus-gene-203.11-mRNA-1	Japonica	Indica		Os09g0518800	OsR498G0917807300.01.T02	N-terminal
maker-9-augustus-gene-203.13-mRNA-1	Japonica	NA		Os09g0517700	OsR498G0917804000.01.T02	Thioesterase/thiol ester dehydrase-isomerase superfamily protein
maker-9-augustus-gene-203.16-mRNA-1	Japonica	NA		Os09g0518600	OsR498G0917806800.01.T02	Inositol-tetrakisphosphate 1-kinase 4
maker-9-augustus-gene-203.19-mRNA-1	Japonica	NA		Os09g0518700	OsR498G0917807000.01.T03	inositol-tetrakisphosphate 1-kinase 6 isoform X1
maker-9-augustus-gene-203.3-mRNA-1	Japonica	NA		Os09g0518200	OsR498G0917805300.01.T01	Glycosyltransferase
maker-9-augustus-gene-203.5-mRNA-1	Japonica	Japonica		Os09g0518400	OsR498G0917805700.01.T01	Glycosyltransferase
maker-9-augustus-gene-203.8-mRNA-1	Japonica	NA		Os09g0518500	OsR498G0917806500.01.T05	Ankyrin repeat-containing protein
maker-9-augustus-gene-204.28-mRNA-1	Japonica	NA		Os09g0520200	OsR498G0917811300.01.T03	Probable 1-acylglycerol-3-phosphate O-acyltransferase
maker-9-augustus-gene-204.35-mRNA-1	Japonica	NA				BZIP domain-containing protein
maker-9-augustus-gene-204.37-mRNA-1	Japonica	NA		Os09g0520700	OsR498G0917813300.01.T01	DEAD-box ATP-dependent RNA helicase 7
maker-9-augustus-gene-204.42-mRNA-1	Japonica	NA		Os09g0521400	OsR498G0917815700.01.T01	Hydroxymethylglutaryl-CoA synthase
maker-9-augustus-gene-204.48-mRNA-1	Japonica	NA		Os09g0520100	OsR498G0917811200.01.T03	Delta DNA polymerase
maker-9-augustus-gene-204.50-mRNA-1	Japonica	NA		Os09g0520500	OsR498G0917812400.01.T01	Zinc finger A20 and AN1 domain-containing stress-associated protein 1-like
maker-9-augustus-gene-204.53-mRNA-1	Japonica	NA		Os04g0379400	OsR498G0408385000.01.T04	
maker-9-augustus-gene-204.56-mRNA-1	Japonica	NA		Os09g0520600	OsR498G0917813000.01.T02	Sodium/metabolite cotransporter like
maker-9-augustus-gene-204.61-mRNA-1	Japonica	NA		Os09g0520800	OsR498G0917813800.01.T01	Alpha-L-fucosidase
maker-9-augustus-gene-205.35-mRNA-1	Japonica	NA			OsR498G0917816500.01.T01	Flap endonuclease GEN-like protein 1
maker-9-augustus-gene-205.38-mRNA-1	Japonica	NA		Os09g0521500	OsR498G0917816000.01.T01	ATPase ASNA
maker-9-augustus-gene-205.45-mRNA-1	Japonica	NA				
maker-9-augustus-gene-205.47-mRNA-1	Japonica	NA				
maker-9-augustus-gene-206.0-mRNA-1	Japonica	NA		Os09g0525200	OsR498G0917825500.01.T01	Ribosomal RNA processing protein 36
maker-9-augustus-gene-206.10-mRNA-1	Japonica	NA		Os09g0525400	OsR498G0917826400.01.T04	E3 ubiquitin ligase BIG BROTHER
maker-9-augustus-gene-206.15-mRNA-1	Japonica	NA		Os09g0525600	OsR498G0917826800.01.T01	Plant UBX domain-containing protein 8
maker-9-augustus-gene-206.20-mRNA-1	Japonica	NA				HAP2-GCS1 domain-containing protein (Fragment)
maker-9-augustus-gene-206.26-mRNA-1	Japonica	NA		Os09g0525900	OsR498G0917827400.01.T02	RHOMBOID-like protein (Fragment)
maker-9-augustus-gene-206.4-mRNA-1	Japonica	NA		Os09g0525500		AAI domain-containing protein
maker-9-augustus-gene-206.5-mRNA-1	Japonica	NA		Os09g0524800	OsR498G0917824800.01.T01	BCL-2-associated athanogene
maker-9-augustus-gene-206.7-mRNA-1	Japonica	NA		Os09g0525300	OsR498G0917825800.01.T02	PP2 domain-containing protein
maker-9-augustus-gene-207.35-mRNA-1	Japonica	Japonica		Os09g0526000	OsR498G0101550000.01.T03	PORR domain-containing protein
maker-9-augustus-gene-207.44-mRNA-1	Japonica	NA			OsR498G0917829000.01.T01	Homeobox-leucine zipper protein ROC6
maker-9-augustus-gene-207.49-mRNA-1	Japonica	NA		Os09g0526600	OsR498G0917829800.01.T04	Heat-responsive transcription factor
maker-9-augustus-gene-208.10-mRNA-1	Japonica	NA		Os09g0528800	OsR498G0917838600.01.T03	Rab-GAP TBC domain-containing protein (Fragment)
maker-9-augustus-gene-208.13-mRNA-1	Japonica	Indica		Os09g0529100	OsR498G0917839400.01.T01	Probable 6-phosphogluconolactonase 4, chloroplastic
maker-9-augustus-gene-208.15-mRNA-1	Japonica	NA		Os09g0529300	OsR498G0917840000.01.T01	DUF295 domain-containing protein
maker-9-augustus-gene-208.17-mRNA-1	Japonica	NA			OsR498G0917840400.01.T03	Vacuolar protein sorting-associated protein 1 (Fragment)
maker-9-augustus-gene-208.5-mRNA-1	Japonica	NA		Os09g0528700	OsR498G0917836900.01.T01	Cytochrome P450 family 78 subfamily A polypeptide 8
maker-9-augustus-gene-209.35-mRNA-1	Japonica	NA		Os09g0530200	OsR498G0917841700.01.T02	Endoglucanase
maker-9-augustus-gene-209.37-mRNA-1	Japonica	NA			OsR498G0917842100.01.T01	Premnaspirodiene oxygenase
maker-9-augustus-gene-209.39-mRNA-1	Japonica	NA		Os09g0530300	OsR498G0917842900.01.T01	Endoglucanase
maker-9-augustus-gene-209.41-mRNA-1	Japonica	NA				Zinc finger CCCH domain-containing protein 44
maker-9-augustus-gene-209.46-mRNA-1	Japonica	NA		Os09g0530700	OsR498G0917843700.01.T03	
maker-9-augustus-gene-209.51-mRNA-1	Japonica	NA		Os09g0530800	OsR498G0917844300.01.T01	Subtilisin-like protease
maker-9-augustus-gene-209.55-mRNA-1	Japonica	NA		Os09g0531100	OsR498G0917844800.01.T04	Ribosomal RNA small subunit methyltransferase H (Fragment)
maker-9-augustus-gene-209.60-mRNA-1	Japonica	NA		Os09g0531200	OsR498G0917845200.01.T01	RRM domain-containing protein (Fragment)
maker-9-augustus-gene-209.62-mRNA-1	Japonica	Indica		Os09g0531600	OsR498G0917846800.01.T01	Protein SHORT INTERNODES
maker-9-augustus-gene-21.33-mRNA-1	Japonica	NA			OsR498G0916732700.01.T02	Tetratricopeptide repeat protein-like
maker-9-augustus-gene-21.36-mRNA-1	Japonica	NA		Os09g0125100	OsR498G0916727400.01.T01	CUE domain-containing protein
maker-9-augustus-gene-21.38-mRNA-1	Japonica	NA			OsR498G0916728800.01.T01	
maker-9-augustus-gene-210.19-mRNA-1	Japonica	NA		Os09g0531900	OsR498G0917849000.01.T01	Hexosyltransferase
maker-9-augustus-gene-210.24-mRNA-1	Japonica	NA		Os09g0532000	OsR498G0917849600.01.T01	Senescence-inducible chloroplast non-yellowing protein 1
maker-9-augustus-gene-210.26-mRNA-1	Japonica	NA		Os09g0532400	OsR498G0917850800.01.T01	Two-component response regulator-like PRR95
maker-9-augustus-gene-211.0-mRNA-1	Japonica	Indica		Os08g0548200	OsR498G0917856500.01.T01	ER lumen protein-retaining receptor
maker-9-augustus-gene-211.12-mRNA-1	Japonica	NA		Os09g0535100	OsR498G0917858700.01.T01	E3 ubiquitin ligase BIG BROTHER-related
maker-9-augustus-gene-211.17-mRNA-1	Japonica	NA		Os09g0535200		Putative vegetative cell wall protein gp1precursor
maker-9-augustus-gene-211.23-mRNA-1	Japonica	NA			OsR498G0917855600.01.T01	
maker-9-augustus-gene-211.25-mRNA-1	Japonica	NA		Os09g0533900	OsR498G0917855800.01.T01	Endoglucanase
maker-9-augustus-gene-211.30-mRNA-1	Japonica	NA		Os09g0534000		Adipose-regulatory protein
maker-9-augustus-gene-211.7-mRNA-1	Japonica	NA				Heat shock cognate protein 80
maker-9-augustus-gene-211.9-mRNA-1	Japonica	NA		Os09g0534800	OsR498G0917858300.01.T01	TFIIB-type domain-containing protein
maker-9-augustus-gene-212.47-mRNA-1	Japonica	NA		Os09g0535300	OsR498G0917860100.01.T02	Xap5 circadian timekeeper isoform 1

maker-9-augustus-gene-212.52-mRNA-1	Japonica	NA			OsR498G0613143800.01.T01	CRIB domain-containing protein
maker-9-augustus-gene-212.60-mRNA-1	Japonica	NA				Apurinic-apyrimidinic endonuclease 2
maker-9-augustus-gene-213.38-mRNA-1	Japonica	NA		Os09g0537600	OsR498G0917870900.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-9-augustus-gene-213.42-mRNA-1	Japonica	NA		Os09g0537800		54S ribosomal protein L37
maker-9-augustus-gene-213.44-mRNA-1	Japonica	NA		Os09g0538200	OsR498G0917872700.01.T01	Proteasome endopeptidase complex
maker-9-augustus-gene-213.46-mRNA-1	Japonica	NA		Os09g0538500	OsR498G0917875900.01.T01	Tetratricopeptide repeat-containing domain
maker-9-augustus-gene-213.50-mRNA-1	Japonica	Indica		Os09g0539200	OsR498G0917878700.01.T04	Beta-galactosidase
maker-9-augustus-gene-213.57-mRNA-1	Japonica	Japonica		Os09g0539400	OsR498G0917879100.01.T01	zf-primase domain-containing protein
maker-9-augustus-gene-213.59-mRNA-1	Japonica	NA		Os09g0537700	OsR498G0917871200.01.T01	Ribonuclease 3
maker-9-augustus-gene-213.61-mRNA-1	Japonica	NA		Os09g0538000	OsR498G0917872200.01.T01	Extracellular ribonuclease LE
maker-9-augustus-gene-213.64-mRNA-1	Japonica	NA		Os09g0538400	OsR498G0917875600.01.T01	Transcription repressor MYB4
maker-9-augustus-gene-213.66-mRNA-1	Japonica	NA			OsR498G0917876200.01.T03	L-ascorbate peroxidase
maker-9-augustus-gene-213.72-mRNA-1	Japonica	NA		Os09g0538800	OsR498G0917877800.01.T04	Calcium lipid binding protein-like
maker-9-augustus-gene-213.82-mRNA-1	Japonica	NA		Os09g0539100	OsR498G0917878400.01.T01	3-dehydroquinate synthase chloroplastic
maker-9-augustus-gene-213.85-mRNA-1	Japonica	Indica		Os11g0456300	OsR498G0917879400.01.T03	Fimbriata-associated protein (Fragment)
maker-9-augustus-gene-214.0-mRNA-1	Japonica	NA		Os09g0540600	OsR498G0917882300.01.T01	Histone-binding protein MS11
maker-9-augustus-gene-214.10-mRNA-1	Japonica	NA		Os09g0540400	OsR498G0917882000.01.T01	GDSL esterase/lipase
maker-9-augustus-gene-214.12-mRNA-1	Japonica	Japonica		Os09g0540900	OsR498G0917883600.01.T04	HTH La-type RNA-binding domain-containing protein
maker-9-augustus-gene-214.18-mRNA-1	Japonica	NA				Trafficking protein particle complex subunit
maker-9-augustus-gene-214.2-mRNA-1	Japonica	Indica		Os09g0541000	OsR498G0917884300.01.T01	Aquaporin (Major intrinsic protein family)
maker-9-augustus-gene-214.21-mRNA-1	Japonica	NA		Os09g0541900	OsR498G0917887000.01.T01	26S proteasome non-ATPase regulatory subunit 3
maker-9-augustus-gene-214.24-mRNA-1	Japonica	Japonica		Os09g0542000	OsR498G0917887200.01.T01	DNA-binding protein alba protein
maker-9-augustus-gene-214.30-mRNA-1	Japonica	NA		Os09g0542100		Peptidase A1 domain-containing protein
maker-9-augustus-gene-214.4-mRNA-1	Japonica	NA		Os09g0541700	OsR498G0917886700.01.T01	Rossmann-like alpha/beta/alpha sandwich fold
maker-9-augustus-gene-214.7-mRNA-1	Japonica	Indica		Os08g0549300	OsR498G0917880200.01.T01	Acyl carrier protein 2, chloroplastic
maker-9-augustus-gene-215.0-mRNA-1	Japonica	NA			OsR498G0917889100.01.T02	DUF632 domain-containing protein/DUF630 domain-containing protein
maker-9-augustus-gene-215.2-mRNA-1	Japonica	NA		Os09g0543100	OsR498G0917891100.01.T02	Phospholipase D
maker-9-augustus-gene-215.7-mRNA-1	Japonica	NA		Os09g0542200	OsR498G0917888000.01.T01	Aspartyl protease family protein 1-like protein
maker-9-augustus-gene-216.11-mRNA-1	Japonica	NA			OsR498G0917898000.01.T01	high mobility group B protein 9
maker-9-augustus-gene-216.13-mRNA-1	Japonica	NA			OsR498G0917899000.01.T01	Coiled-coil domain-containing protein 130
maker-9-augustus-gene-216.15-mRNA-1	Japonica	NA		Os09g0544800	OsR498G0917899200.01.T02	Rop guanine nucleotide exchange factor like
maker-9-augustus-gene-216.18-mRNA-1	Japonica	NA		Os09g0544900	OsR498G0917900200.01.T04	Enoyl-CoA hydratase 2 peroxisomal
maker-9-augustus-gene-217.0-mRNA-1	Japonica	NA		Os09g0547300	OsR498G0917909500.01.T07	DUF632 domain-containing protein
maker-9-augustus-gene-217.4-mRNA-1	Japonica	NA		Os09g0547500	OsR498G0917910100.01.T01	Cytokinin riboside 5'-monophosphate phosphoribohydrolase
maker-9-augustus-gene-218.0-mRNA-1	Japonica	NA		Os09g0547800	OsR498G0917911300.01.T02	U11/U12 small nuclear ribonucleoprotein 31 kDa protein
maker-9-augustus-gene-218.12-mRNA-1	Japonica	NA	LRR-TM	Os09g0548200	OsR498G0917912500.01.T01	Chitin elicitor-binding protein
maker-9-augustus-gene-218.14-mRNA-1	Japonica	NA				Protein DETOXIFICATION 45 chloroplastic
maker-9-augustus-gene-218.18-mRNA-1	Japonica	NA		Os09g0549400	OsR498G0917916100.01.T01	
maker-9-augustus-gene-218.24-mRNA-1	Japonica	NA		Os09g0549600	OsR498G0917917300.01.T02	HMA domain-containing protein
maker-9-augustus-gene-218.26-mRNA-1	Japonica	NA		Os09g0548400	OsR498G0917913000.01.T02	Flavin-containing monooxygenase
maker-9-augustus-gene-218.29-mRNA-1	Japonica	Indica		Os09g0548700	OsR498G0917913400.01.T01	Flavin-containing monooxygenase
maker-9-augustus-gene-218.3-mRNA-1	Japonica	NA			OsR498G0917911500.01.T05	DUF629 domain-containing protein
maker-9-augustus-gene-218.32-mRNA-1	Japonica	NA		Os09g0549300	OsR498G0917915800.01.T01	Flavin-containing monooxygenase
maker-9-augustus-gene-218.7-mRNA-1	Japonica	NA			OsR498G0917912100.01.T03	O-fucosyltransferase family protein (Fragment)
maker-9-augustus-gene-219.29-mRNA-1	Japonica	NA		Os09g0551300	OsR498G0917922900.01.T01	25S rRNA (Cytosine-C(5))-methyltransferase nop2-like
maker-9-augustus-gene-219.38-mRNA-1	Japonica	Indica	Kinase-TM	Os09g0551500	OsR498G0917921800.01.T02	Non-specific serine/threonine protein kinase (Fragment)
maker-9-augustus-gene-219.40-mRNA-1	Japonica	NA		Os09g0550000	OsR498G0917917800.01.T02	DNA-binding bromodomain-containing protein
maker-9-augustus-gene-219.45-mRNA-1	Japonica	NA	Kinase-TM			Non-specific serine/threonine protein kinase (Fragment)
maker-9-augustus-gene-219.47-mRNA-1	Japonica	NA	Kinase-TM	Os09g0550500		Non-specific serine/threonine protein kinase (Fragment)
maker-9-augustus-gene-219.50-mRNA-1	Japonica	NA	Kinase-TM			Non-specific serine/threonine protein kinase
maker-9-augustus-gene-219.52-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0917920000.01.T01	Serine/threonine-protein kinase
maker-9-augustus-gene-219.54-mRNA-1	Japonica	Indica	Kinase-TM	Os09g0551500	OsR498G0917921800.01.T01	Non-specific serine/threonine protein kinase
maker-9-augustus-gene-22.4-mRNA-1	Japonica	Indica		Os09g0250800	OsR498G0916734200.01.T01	ABC transporter domain-containing protein (Fragment)
maker-9-augustus-gene-22.8-mRNA-1	Japonica	NA		Os09g0127300	OsR498G0916736800.01.T01	Cinnamoyl-CoA reductase
maker-9-augustus-gene-220.0-mRNA-1	Japonica	NA		Os09g0551600	OsR498G0917924100.01.T05	High mobility group box domain
maker-9-augustus-gene-220.13-mRNA-1	Japonica	NA		Os09g0553600	OsR498G0917928300.01.T02	Quinolinate phosphoribosyltransferase [decarboxylating]
maker-9-augustus-gene-220.19-mRNA-1	Japonica	Indica		Os09g0551800	OsR498G0917924400.01.T05	Fanconi anemia group J protein homolog
maker-9-augustus-gene-220.22-mRNA-1	Japonica	NA				MUTL protein homolog 3
maker-9-augustus-gene-220.26-mRNA-1	Japonica	NA	Kinase-TM	Os09g0552300	OsR498G0917924800.01.T01	Serine/threonine-protein kinase afc3
maker-9-augustus-gene-220.29-mRNA-1	Japonica	Japonica		Os09g0552400	OsR498G0917925800.01.T01	Cupin type-1 domain-containing protein
maker-9-augustus-gene-220.3-mRNA-1	Japonica	NA			OsR498G0917926100.01.T01	NAC domain-containing protein 86

maker-9-augustus-gene-220.31-mRNA-1	Japonica	Japonica		Os09g0552500	OsR498G0917925800.01.T01	Cupin type-1 domain-containing protein
maker-9-augustus-gene-220.33-mRNA-1	Japonica	NA		Os09g0552600	OsR498G0917925800.01.T01	Cupin type-1 domain-containing protein
maker-9-augustus-gene-220.35-mRNA-1	Japonica	Indica		Os09g0553300	OsR498G0917928000.01.T01	Nudix hydrolase
maker-9-augustus-gene-220.5-mRNA-1	Japonica	NA		Os09g0552900	OsR498G0917926500.01.T03	NAC domain-containing protein 74
maker-9-augustus-gene-220.7-mRNA-1	Japonica	NA		Os09g0553200	OsR498G0917927700.01.T01	UTP--glucose-1-phosphate uridylyltransferase
maker-9-augustus-gene-221.0-mRNA-1	Japonica	NA		Os09g0554300	OsR498G0917931100.01.T01	Auxin efflux carrier
maker-9-augustus-gene-221.30-mRNA-1	Japonica	Indica		Os09g0554000	OsR498G0917929400.01.T01	Mitochondrial phosphate carrier protein like
maker-9-augustus-gene-221.35-mRNA-1	Japonica	NA		Os09g0555500	OsR498G0917935000.01.T01	Phytoene synthase, chloroplastic
maker-9-augustus-gene-221.5-mRNA-1	Japonica	Japonica		Os09g0555100	OsR498G0917931100.01.T02	Auxin efflux carrier
maker-9-augustus-gene-221.7-mRNA-1	Japonica	NA			OsR498G0917933900.01.T05	DNA-directed RNA polymerase subunit
maker-9-augustus-gene-221.8-mRNA-1	Japonica	NA			OsR498G0917933900.01.T01	DNA-directed RNA polymerase subunit
maker-9-augustus-gene-222.0-mRNA-1	Japonica	NA		Os09g0556200	OsR498G0917939500.01.T02	Tetratricopeptide repeat 1
maker-9-augustus-gene-222.13-mRNA-1	Japonica	NA		Os09g0555800	OsR498G0917938400.01.T01	Benzoate--CoA ligase, peroxisomal
maker-9-augustus-gene-222.15-mRNA-1	Japonica	NA			OsR498G0917939200.01.T01	Signal peptidase subunit
maker-9-augustus-gene-222.2-mRNA-1	Japonica	NA				Histone-lysine N-methyltransferase ATX4
maker-9-augustus-gene-222.20-mRNA-1	Japonica	NA				Putative anion transporter 5, chloroplastic
maker-9-augustus-gene-222.22-mRNA-1	Japonica	NA		Os09g0556500	OsR498G0917940000.01.T06	CysteinyI-tRNA synthetase
maker-9-augustus-gene-222.25-mRNA-1	Japonica	NA		Os09g0556800	OsR498G0917940400.01.T01	Uveal autoantigen with coiled-coil domains and ankyrin repeats isoform 1
maker-9-augustus-gene-222.9-mRNA-1	Japonica	NA		Os09g0556600	OsR498G0917935800.01.T03	Protein ACCUMULATION AND REPLICATION OF CHLOROPLASTS 3
maker-9-augustus-gene-223.45-mRNA-1	Japonica	NA		Os09g0557300		DUF1618 domain-containing protein (Fragment)
maker-9-augustus-gene-223.48-mRNA-1	Japonica	NA		Os09g0557800	OsR498G0917942100.01.T01	Transmembrane 9 superfamily member
maker-9-augustus-gene-223.52-mRNA-1	Japonica	NA		Os09g0557900	OsR498G0917942300.01.T01	Phytoeyanin domain-containing protein (Fragment)
maker-9-augustus-gene-223.54-mRNA-1	Japonica	NA		Os09g0558100	OsR498G0917942900.01.T01	Stress-induced hydrophobic peptide
maker-9-augustus-gene-223.56-mRNA-1	Japonica	NA				Cyclic nucleotide-gated ion channel
maker-9-augustus-gene-223.61-mRNA-1	Japonica	NA		Os09g0558600		
maker-9-augustus-gene-223.65-mRNA-1	Japonica	NA		Os09g0559800	OsR498G0917947500.01.T02	Organic cation/carnitine transporter 7
maker-9-augustus-gene-223.67-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os09g0559900	OsR498G0917947700.01.T02	STRUBBELIG-receptor family 6
maker-9-augustus-gene-223.70-mRNA-1	Japonica	NA		Os09g0557400	OsR498G0917941200.01.T01	Mitochondrial glycoprotein family protein (Fragment)
maker-9-augustus-gene-223.73-mRNA-1	Japonica	Indica		Os09g0557500	OsR498G0917941600.01.T02	Purine permease
maker-9-augustus-gene-223.75-mRNA-1	Japonica	NA		Os09g0558000	OsR498G0917942600.01.T01	Protein-serine/threonine phosphatase
maker-9-augustus-gene-223.80-mRNA-1	Japonica	NA		Os09g0558900	OsR498G0917945200.01.T01	NADPH--cytochrome P450 reductase
maker-9-augustus-gene-223.88-mRNA-1	Japonica	NA		Os09g0559200		RING-type domain-containing protein
maker-9-augustus-gene-224.0-mRNA-1	Japonica	NA		Os09g0560200		Transcription termination factor MTERF2, chloroplastic
maker-9-augustus-gene-224.12-mRNA-1	Japonica	NA		Os09g0560600	OsR498G0917948700.01.T08	ALA-interacting subunit
maker-9-augustus-gene-224.14-mRNA-1	Japonica	NA		Os09g0560700	OsR498G0917948900.01.T02	Mitochondrial amidoxime reducing component 2
maker-9-augustus-gene-224.19-mRNA-1	Japonica	NA		Os09g0560800	OsR498G0917949100.01.T01	Mitochondrial amidoxime reducing component 2
maker-9-augustus-gene-224.22-mRNA-1	Japonica	Japonica	Kinase-TM	Os09g0561500	OsR498G0917950700.01.T01	Wall-associated receptor kinase 3
maker-9-augustus-gene-224.23-mRNA-1	Japonica	NA	CC-Kinase-TM	Os09g0561600	OsR498G0917952300.01.T01	Wall-associated receptor kinase 3
maker-9-augustus-gene-224.31-mRNA-1	Japonica	Japonica		Os09g0562300	OsR498G1019198700.01.T01	Homeobox-leucine zipper protein HOX1
maker-9-augustus-gene-224.32-mRNA-1	Japonica	NA				FBD domain-containing protein
maker-9-augustus-gene-224.4-mRNA-1	Japonica	NA			OsR498G0917948700.01.T03	E3 ubiquitin-protein ligase HERC2
maker-9-augustus-gene-224.41-mRNA-1	Japonica	NA		Os09g0560000	OsR498G0917948000.01.T01	TOG domain-containing protein
maker-9-augustus-gene-224.45-mRNA-1	Japonica	Indica		Os09g0560400	OsR498G0917948600.01.T01	Structural polyprotein
maker-9-augustus-gene-224.49-mRNA-1	Japonica	NA			OsR498G0917949600.01.T01	Suppressor of FRI 4 protein isoform X1
maker-9-augustus-gene-224.9-mRNA-1	Japonica	NA		Os09g0560500	OsR498G0917948700.01.T07	7,8-dihydroneopterin aldolase
maker-9-augustus-gene-225.30-mRNA-1	Japonica	Indica		Os09g0563250	OsR498G0917955300.01.T01	S-acyltransferase
maker-9-augustus-gene-225.34-mRNA-1	Japonica	NA			OsR498G0917955500.01.T01	ruBisCO large subunit-binding protein subunit alpha
maker-9-augustus-gene-225.41-mRNA-1	Japonica	NA		Os09g0563700	OsR498G0917955900.01.T01	DCD domain-containing protein (Fragment)
maker-9-augustus-gene-225.43-mRNA-1	Japonica	NA			OsR498G1221160700.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-9-augustus-gene-225.46-mRNA-1	Japonica	Indica		Os09g0563200	OsR498G0917955200.01.T01	Potassium transporter
maker-9-augustus-gene-225.54-mRNA-1	Japonica	NA		Os09g0563800		
maker-9-augustus-gene-225.55-mRNA-1	Japonica	NA		Os09g0563800	OsR498G0917956200.01.T02	
maker-9-augustus-gene-225.64-mRNA-1	Japonica	NA		Os09g0564000	OsR498G0917957000.01.T01	Vignain
maker-9-augustus-gene-226.40-mRNA-1	Japonica	NA				Nuclear pore complex protein GP210
maker-9-augustus-gene-226.47-mRNA-1	Japonica	NA			OsR498G0917960900.01.T06	Sterol C-14 reductase
maker-9-augustus-gene-226.52-mRNA-1	Japonica	Indica		Os09g0564200	OsR498G0917957400.01.T01	Oryzain alpha chain like
maker-9-augustus-gene-226.53-mRNA-1	Japonica	NA		Os09g0564600	OsR498G0917958800.01.T01	Cystein protease
maker-9-augustus-gene-226.54-mRNA-1	Japonica	NA		Os09g0564600	OsR498G0917958800.01.T01	Xylem cysteine proteinase 1
maker-9-augustus-gene-226.80-mRNA-1	Japonica	NA		Os09g0565100		KDEL-tailed cysteine endopeptidase CEP1
maker-9-augustus-gene-226.82-mRNA-1	Japonica	NA				Putative nucleic acid-binding protein
maker-9-augustus-gene-226.84-mRNA-1	Japonica	NA		Os09g0565200	OsR498G0917960200.01.T01	31 kDa ribonucleoprotein, chloroplastic

maker-9-augustus-gene-226.87-mRNA-1	Japonica	NA			OsR498G0917960200.01.T05	Copine domain-containing protein
maker-9-augustus-gene-226.89-mRNA-1	Japonica	NA			OsR498G0917960400.01.T01	RRM domain-containing protein
maker-9-augustus-gene-226.91-mRNA-1	Japonica	NA		Os09g0565400	OsR498G0917960600.01.T01	ELKS/Rab6-interacting/CAST family member 1-like isoform X3
maker-9-augustus-gene-227.0-mRNA-1	Japonica	NA			OsR498G0917964300.01.T02	
maker-9-augustus-gene-227.10-mRNA-1	Japonica	NA	Kinase-TM		OsR498G0917964200.01.T02	Tyrosine kinase
maker-9-augustus-gene-227.4-mRNA-1	Japonica	NA		Os09g0565900		
maker-9-augustus-gene-227.6-mRNA-1	Japonica	NA		Os09g0566100	OsR498G0917963000.01.T01	Polyadenylation and cleavage factor like
maker-9-augustus-gene-227.8-mRNA-1	Japonica	Indica		Os09g0566400	OsR498G0917963800.01.T01	Protein kinase domain-containing protein
maker-9-augustus-gene-228.12-mRNA-1	Japonica	NA		Os09g0567700	OsR498G0917968500.01.T01	
maker-9-augustus-gene-228.15-mRNA-1	Japonica	NA			OsR498G0917969500.01.T05	Single-stranded nucleic acid binding R3H protein isoform 1
maker-9-augustus-gene-228.18-mRNA-1	Japonica	NA		Os09g0568900	OsR498G0917971300.01.T01	Copper ion binding isoform 1
maker-9-augustus-gene-228.2-mRNA-1	Japonica	NA		Os09g0567350	OsR498G0917967100.01.T06	flagellar radial spoke protein 5
maker-9-augustus-gene-228.20-mRNA-1	Japonica	NA			OsR498G0917971900.01.T02	Beta-amylase
maker-9-augustus-gene-228.26-mRNA-1	Japonica	NA				E3 ubiquitin ligase
maker-9-augustus-gene-228.28-mRNA-1	Japonica	NA	CC-Kinase-TM	Os09g0569800	OsR498G0917973100.01.T01	E3 ubiquitin ligase
maker-9-augustus-gene-228.32-mRNA-1	Japonica	NA		Os09g0567800	OsR498G0917968800.01.T02	GDSL esterase/lipase
maker-9-augustus-gene-228.36-mRNA-1	Japonica	NA		Os09g0567900	OsR498G0917969200.01.T01	Uridine nucleosidase 1
maker-9-augustus-gene-228.40-mRNA-1	Japonica	Indica		Os09g0568200	OsR498G0917969800.01.T01	DNA polymerase epsilon subunit like
maker-9-augustus-gene-228.43-mRNA-1	Japonica	NA		Os09g0568800	OsR498G0917971200.01.T01	40S ribosomal protein S25
maker-9-augustus-gene-228.46-mRNA-1	Japonica	NA			OsR498G0917972200.01.T01	Putative lipase/calmodulin-binding heat-shock protein
maker-9-augustus-gene-228.49-mRNA-1	Japonica	NA		Os09g0569400	OsR498G0917972400.01.T02	Cleavage and polyadenylation specificity factor subunit 2
maker-9-augustus-gene-229.5-mRNA-1	Japonica	NA		Os09g0567400	OsR498G0917967300.01.T01	Histidine-containing phosphotransfer protein 2
maker-9-augustus-gene-228.9-mRNA-1	Japonica	NA		Os09g0567500	OsR498G0917968100.01.T01	Fatty acyl-CoA reductase
maker-9-augustus-gene-229.0-mRNA-1	Japonica	Indica	CC-Kinase-TM	Os09g0570000	OsR498G0917973500.01.T05	E3 ubiquitin ligase
maker-9-augustus-gene-229.13-mRNA-1	Japonica	NA		Os09g0570300	OsR498G0917974100.01.T01	Short-chain dehydrogenase TIC 32 chloroplastic
maker-9-augustus-gene-229.17-mRNA-1	Japonica	NA		Os09g0570400	OsR498G0917974300.01.T01	Ascorbate transporter chloroplastic
maker-9-augustus-gene-229.21-mRNA-1	Japonica	Indica		Os09g0570500	OsR498G0917974900.01.T02	Protein neuralized like
maker-9-augustus-gene-229.26-mRNA-1	Japonica	Indica		Os08g0559900	OsR498G0917975100.01.T02	Nucleotidyltransferase family protein
maker-9-augustus-gene-229.33-mRNA-1	Japonica	Indica		Os09g0570900	OsR498G0917976200.01.T01	ACT domain
maker-9-augustus-gene-229.4-mRNA-1	Japonica	Indica	CC-Kinase-TM	Os09g0570100	OsR498G0917973700.01.T02	U-box domain-containing protein 33
maker-9-augustus-gene-229.43-mRNA-1	Japonica	Japonica		Os09g0571000	OsR498G0917977400.01.T01	Protein UPSTREAM OF FLC
maker-9-augustus-gene-229.47-mRNA-1	Japonica	NA		Os09g0571500	OsR498G0917978400.01.T01	Sn1-specific diacylglycerol lipase alpha
maker-9-augustus-gene-229.8-mRNA-1	Japonica	NA		Os09g0570200	OsR498G0917973900.01.T05	Transcription factor hamlet
maker-9-augustus-gene-230.0-mRNA-1	Japonica	NA		Os09g0127800	OsR498G0916739400.01.T02	Coatomer subunit alpha
maker-9-augustus-gene-230.44-mRNA-1	Japonica	NA		Os09g0572500	OsR498G0917982100.01.T01	Glucomannan 4-beta-mannosyltransferase 2
maker-9-augustus-gene-230.46-mRNA-1	Japonica	NA	Kinase-TM	Os09g0572600	OsR498G0917982500.01.T01	probable serine/threonine-protein kinase PBL23
maker-9-augustus-gene-230.50-mRNA-1	Japonica	NA			OsR498G0917984100.01.T02	Type I inositol polyphosphate 5-phosphatase
maker-9-augustus-gene-230.54-mRNA-1	Japonica	NA			OsR498G0917984100.01.T01	Type I inositol polyphosphate 5-phosphatase
maker-9-augustus-gene-230.56-mRNA-1	Japonica	NA			OsR498G0917985900.01.T03	GGACT domain-containing protein
maker-9-augustus-gene-230.65-mRNA-1	Japonica	NA		Os09g0572400	OsR498G0917981400.01.T03	ABC transporter F family member 1
maker-9-augustus-gene-230.69-mRNA-1	Japonica	NA			OsR498G0917983600.01.T04	dynammin-related protein 1E
maker-9-augustus-gene-230.75-mRNA-1	Japonica	NA		Os09g0573100	OsR498G0917984400.01.T01	SAYSvFN domain-containing protein (Fragment)
maker-9-augustus-gene-24.0-mRNA-1	Japonica	NA			OsR498G0916740800.01.T01	50S ribosomal protein L35 isoform 1
maker-9-augustus-gene-24.5-mRNA-1	Japonica	NA		Os09g0128600	OsR498G0916742000.01.T04	CMP/dCMP deaminase
maker-9-augustus-gene-25.33-mRNA-1	Japonica	NA		Os09g0128700	OsR498G0916742300.01.T01	
maker-9-augustus-gene-25.34-mRNA-1	Japonica	NA		Os03g0743650	OsR498G0307030000.01.T01	
maker-9-augustus-gene-26.0-mRNA-1	Japonica	NA		Os09g0130800	OsR498G0916748200.01.T02	Helicase ATP-binding domain-containing protein
maker-9-augustus-gene-28.0-mRNA-1	Japonica	NA		Os09g0132200		GDLS esterase/lipase
maker-9-augustus-gene-28.11-mRNA-1	Japonica	NA		Os09g0133000	OsR498G0916757600.01.T01	SWIB domain-containing protein (Fragment)
maker-9-augustus-gene-28.13-mRNA-1	Japonica	NA		Os09g0133200	OsR498G0916758200.01.T02	Tropinone reductase-like 3
maker-9-augustus-gene-28.2-mRNA-1	Japonica	NA		Os09g0132900	OsR498G0916757300.01.T01	GDLS motif lipase/hydrolase-like
maker-9-augustus-gene-28.4-mRNA-1	Japonica	Indica		Os09g0133600	OsR498G0916760900.01.T01	Plastid-lipid-associated protein, chloroplastic
maker-9-augustus-gene-28.6-mRNA-1	Japonica	NA		Os09g0132600	OsR498G0916756400.01.T01	Multiple organellar RNA editing factor 8 chloroplastic/mitochondrial
maker-9-augustus-gene-29.31-mRNA-1	Japonica	NA		Os09g0133700	OsR498G0916761500.01.T01	GlcNAc kinase
maker-9-augustus-gene-29.37-mRNA-1	Japonica	NA		Os09g0134400	OsR498G0916762900.01.T03	PRA1 family protein H
maker-9-augustus-gene-29.40-mRNA-1	Japonica	NA		Os09g0133800	OsR498G0916761800.01.T02	WPP domain-associated protein-like isoform X3
maker-9-augustus-gene-29.42-mRNA-1	Japonica	NA		Os09g0134500	OsR498G0916763200.01.T02	Histone-lysine N-methyltransferase TRX1
maker-9-augustus-gene-3.0-mRNA-1	Japonica	NA		Os09g0101100	OsR498G0916642200.01.T02	ENDO3c domain-containing protein
maker-9-augustus-gene-3.5-mRNA-1	Japonica	NA		Os09g0101800	OsR498G0916644200.01.T04	FYR C-terminal domain-containing protein (Fragment)
maker-9-augustus-gene-30.0-mRNA-1	Japonica	NA		Os09g0135700	OsR498G0916769500.01.T05	probable tyrosine-protein phosphatase At1g05000
maker-9-augustus-gene-30.5-mRNA-1	Japonica	Indica		Os05g0340000	OsR498G0916768000.01.T06	

maker-9-augustus-gene-33.27-mRNA-1	Japonica	Indica		Os09g0237600	OsR498G0916776000.01.T05	Serine/threonine protein kinase
maker-9-augustus-gene-33.31-mRNA-1	Japonica	NA		Os01g0838725	OsR498G1018411500.01.T01	
maker-9-augustus-gene-34.21-mRNA-1	Japonica	NA				GATA-4/5/6 transcription factor (Fragment)
maker-9-augustus-gene-34.22-mRNA-1	Japonica	NA		Os09g0240200	OsR498G0916781010.01.T01	B box-type domain-containing protein
maker-9-augustus-gene-35.12-mRNA-1	Japonica	NA		Os09g0241700		Ribosomal protein-like
maker-9-augustus-gene-35.14-mRNA-1	Japonica	NA		Os09g0242300	OsR498G0916788900.01.T01	Anaphase-promoting complex subunit cdc20
maker-9-augustus-gene-35.3-mRNA-1	Japonica	NA				STAS domain-containing protein
maker-9-augustus-gene-35.7-mRNA-1	Japonica	Indica		Os09g0241100	OsR498G0916784100.01.T01	WD repeat and HMG-box DNA-binding protein like
maker-9-augustus-gene-38.0-mRNA-1	Japonica	NA			OsR498G0916801600.01.T05	Putative 2-oxoglutarate-dependent dioxygenase DIN11
maker-9-augustus-gene-39.0-mRNA-1	Japonica	NA				Glutamate--cysteine ligase
maker-9-augustus-gene-39.3-mRNA-1	Japonica	Japonica		Os09g0246200	OsR498G0916804200.01.T01	DNA-directed RNA polymerase
maker-9-augustus-gene-39.9-mRNA-1	Japonica	NA		Os05g0128900	OsR498G0816083200.01.T02	Trehalose-phosphatase
maker-9-augustus-gene-4.0-mRNA-1	Japonica	NA		Os09g0103100		Triacylglycerol lipase 1
maker-9-augustus-gene-4.6-mRNA-1	Japonica	NA		Os09g0103200	OsR498G0916646300.01.T02	
maker-9-augustus-gene-40.26-mRNA-1	Japonica	NA		Os09g0247600	OsR498G0916815400.01.T01	GDSL-motif lipase/hydrolase-like
maker-9-augustus-gene-41.0-mRNA-1	Japonica	Indica		Os08g0339200	OsR498G0916816700.01.T07	D-aminoacyl-tRNA deacylase-like isoform X2
maker-9-augustus-gene-41.13-mRNA-1	Japonica	NA		Os09g0248200	OsR498G0916818400.01.T03	
maker-9-augustus-gene-41.17-mRNA-1	Japonica	NA		Os09g0248300	OsR498G0916818800.01.T01	
maker-9-augustus-gene-41.6-mRNA-1	Japonica	NA		Os09g0248100	OsR498G0916818100.01.T01	Fasciclin-like arabinogalactan protein 2
maker-9-augustus-gene-42.0-mRNA-1	Japonica	Japonica		Os09g0249900	OsR498G0916826900.01.T02	Ferredoxin-thioredoxin reductase catalytic chain, chloroplastic
maker-9-augustus-gene-42.14-mRNA-1	Japonica	NA		Os09g0249000	OsR498G0916823600.01.T01	nitrile-specifier protein 5-like
maker-9-augustus-gene-42.15-mRNA-1	Japonica	Indica		Os09g0249600	OsR498G0916825600.01.T02	Pre-mRNA-splicing factor 3
maker-9-augustus-gene-42.19-mRNA-1	Japonica	NA		Os09g0249700	OsR498G0916826000.01.T03	Serine/threonine-protein phosphatase 2A regulatory subunit A beta isoform
maker-9-augustus-gene-42.5-mRNA-1	Japonica	NA		Os08g0459400		DDE Tnp4 domain-containing protein (Fragment)
maker-9-augustus-gene-42.9-mRNA-1	Japonica	NA		Os09g0248900	OsR498G0916823200.01.T01	Putative 2-oxoglutarate-dependent dioxygenase DIN11
maker-9-augustus-gene-43.0-mRNA-1	Japonica	NA		Os09g0250700	OsR498G0916833700.01.T06	protein ACTIVITY OF BC1 COMPLEX KINASE 7, chloroplastic
maker-9-augustus-gene-44.37-mRNA-1	Japonica	NA		Os09g0251800	OsR498G0916837100.01.T01	C2 domain-containing protein (Fragment)
maker-9-augustus-gene-44.47-mRNA-1	Japonica	NA		Os09g0250800	OsR498G0916834400.01.T01	ABC transporter G family member
maker-9-augustus-gene-45.11-mRNA-1	Japonica	NA				HECT-type E3 ubiquitin transferase
maker-9-augustus-gene-45.17-mRNA-1	Japonica	NA		Os09g0253000	OsR498G0916841100.01.T01	AvrRpt-cleavage domain-containing protein (Fragment)
maker-9-augustus-gene-45.5-mRNA-1	Japonica	NA		Os09g0252100	OsR498G0916838900.01.T05	Acetyl-CoA acetyltransferase, cytosolic 1
maker-9-augustus-gene-46.37-mRNA-1	Japonica	Japonica		Os09g0254600	OsR498G0916851500.01.T01	Protein RUPTURED POLLEN GRAIN 1
maker-9-augustus-gene-47.40-mRNA-1	Japonica	NA		Os09g0255000	OsR498G0916842100.01.T02	Beta-fructofuranosidase, insoluble isoenzyme 7
maker-9-augustus-gene-47.47-mRNA-1	Japonica	NA		Os09g0255400	OsR498G0916843600.01.T01	Indole-3-glycerol-phosphate synthase
maker-9-augustus-gene-49.11-mRNA-1	Japonica	NA		Os09g0258600	OsR498G0916851000.01.T01	Ribosomal protein L17
maker-9-augustus-gene-49.4-mRNA-1	Japonica	NA		Os09g0258000	OsR498G0916849000.01.T03	Phosphatidylinositolphosphatidylcholine transfer protein sfh2
maker-9-augustus-gene-49.9-mRNA-1	Japonica	NA	Kinase	Os09g0258500	OsR498G0916850600.01.T01	Serine/threonine-protein kinase D6PKL2
maker-9-augustus-gene-5.0-mRNA-1	Japonica	NA		Os09g0103500	OsR498G0916647100.01.T01	Ribosomal large subunit pseudouridine synthase C
maker-9-augustus-gene-5.10-mRNA-1	Japonica	NA			OsR498G0916648900.01.T01	FKBP-type peptidyl-prolyl cis-trans isomerase
maker-9-augustus-gene-5.13-mRNA-1	Japonica	NA		Os09g0104300	OsR498G0916649300.01.T03	PRKR-interacting protein 1
maker-9-augustus-gene-5.15-mRNA-1	Japonica	NA		Os09g0103600	OsR498G0916647400.01.T01	Pre-mRNA-splicing factor 38
maker-9-augustus-gene-5.18-mRNA-1	Japonica	NA			OsR498G0916649200.01.T03	DNA repair protein RAD 4
maker-9-augustus-gene-5.4-mRNA-1	Japonica	NA		Os09g0103800	OsR498G0916648300.01.T02	Peptidylprolyl isomerase
maker-9-augustus-gene-50.47-mRNA-1	Japonica	NA		Os09g0258800		Bidirectional sugar transporter SWEET
maker-9-augustus-gene-50.64-mRNA-1	Japonica	NA		Os09g0260300		Ribosomal protein-like
maker-9-augustus-gene-51.0-mRNA-1	Japonica	NA				
maker-9-augustus-gene-51.17-mRNA-1	Japonica	NA		Os09g0261300	OsR498G0916858600.01.T01	Phosphoglycolate phosphatase
maker-9-augustus-gene-52.35-mRNA-1	Japonica	NA		Os05g0267732	OsR498G0510213400.01.T01	
maker-9-augustus-gene-55.10-mRNA-1	Japonica	NA		Os09g0268300	OsR498G0916879300.01.T01	Hexose transporter
maker-9-augustus-gene-56.36-mRNA-1	Japonica	NA			OsR498G0916882000.01.T02	WRKY domain-containing protein
maker-9-augustus-gene-57.0-mRNA-1	Japonica	NA	CC-NBS-TM	Os09g0270700	OsR498G0916882900.01.T01	Disease resistance protein RPM1
maker-9-augustus-gene-58.34-mRNA-1	Japonica	NA		Os09g0272300	OsR498G0916887300.01.T02	(1->3)-beta-glucan endohydrolase
maker-9-augustus-gene-58.36-mRNA-1	Japonica	Japonica		Os09g0272000	OsR498G0916886400.01.T03	Heavy metal-associated isoprenylated plant protein 16
maker-9-augustus-gene-58.38-mRNA-1	Japonica	NA		Os09g0272250	OsR498G0916887200.01.T01	
maker-9-augustus-gene-58.40-mRNA-1	Japonica	NA			OsR498G0916887600.01.T01	
maker-9-augustus-gene-58.42-mRNA-1	Japonica	Japonica		Os09g0272500	OsR498G0916888000.01.T02	Vesicle transport protein, Use
maker-9-augustus-gene-59.39-mRNA-1	Japonica	NA		Os09g0272600	OsR498G0916888300.01.T01	
maker-9-augustus-gene-6.0-mRNA-1	Japonica	NA				FAR1 domain-containing protein
maker-9-augustus-gene-60.28-mRNA-1	Japonica	NA		Os09g0274900		CYSTM domain-containing protein
maker-9-augustus-gene-60.30-mRNA-1	Japonica	Japonica		Os09g0275300	OsR498G0916887200.01.T01	
maker-9-augustus-gene-60.32-mRNA-1	Japonica	NA		Os09g0275400	OsR498G0916897000.01.T01	Prennapirodiene oxygenase

maker-9-augustus-gene-61.0-mRNA-1	Japonica	NA				VWA domain-containing protein
maker-9-augustus-gene-62.32-mRNA-1	Japonica	NA		Os09g0277800	OsR498G0916899900.01.T05	Enoyl-ACP reductase
maker-9-augustus-gene-62.38-mRNA-1	Japonica	NA		Os09g0278300	OsR498G0916901800.01.T02	1-phosphatidylinositol-3-phosphate 5-kinase
maker-9-augustus-gene-62.39-mRNA-1	Japonica	NA				1-phosphatidylinositol-3-phosphate 5-kinase
maker-9-augustus-gene-62.46-mRNA-1	Japonica	NA		Os09g0279000	OsR498G0916903600.01.T02	ENT domain-containing protein
maker-9-augustus-gene-62.50-mRNA-1	Japonica	NA	CC-Kinase		OsR498G0916904200.01.T03	Serine/threonine protein kinase
maker-9-augustus-gene-63.0-mRNA-1	Japonica	Indica		Os09g0279400	OsR498G0916906700.01.T01	Rhodanese-like domain-containing protein 9, chloroplastic
maker-9-augustus-gene-63.10-mRNA-1	Japonica	NA		Os09g0280300	OsR498G0916908100.01.T01	glucose--fructose oxidoreductase-like isoform X2
maker-9-augustus-gene-63.15-mRNA-1	Japonica	NA		Os09g0280500	OsR498G0916909900.01.T02	DOG1 domain-containing protein
maker-9-augustus-gene-63.19-mRNA-1	Japonica	NA		Os09g0279500	OsR498G0916907000.01.T01	Plastid-specific 30S ribosomal protein 2
maker-9-augustus-gene-63.2-mRNA-1	Japonica	NA		Os09g0279600	OsR498G0916907100.01.T05	DNA topoisomerase VI, B subunit
maker-9-augustus-gene-63.22-mRNA-1	Japonica	NA		Os09g0280600	OsR498G0916910400.01.T01	Meiotic nuclear division protein 1 homolog
maker-9-augustus-gene-64.28-mRNA-1	Japonica	Indica		Os09g0281600	OsR498G0916915500.01.T05	SURP and G-patch domain-containing protein
maker-9-augustus-gene-64.33-mRNA-1	Japonica	Indica		Os10g0377400	OsR498G0916915900.01.T01	Ras-related protein RGP1
maker-9-augustus-gene-64.35-mRNA-1	Japonica	NA		Os09g0281800	OsR498G0916917100.01.T01	Cobyrlic acid synthase (Fragment)
maker-9-augustus-gene-64.37-mRNA-1	Japonica	NA		Os09g0281300	OsR498G0916914400.01.T02	Fiber protein Fb34
maker-9-augustus-gene-64.39-mRNA-1	Japonica	NA		Os09g0281900	OsR498G0916917400.01.T01	Mediator of RNA polymerase II transcription subunit 14
maker-9-augustus-gene-66.39-mRNA-1	Japonica	NA				
maker-9-augustus-gene-66.41-mRNA-1	Japonica	NA		Os09g0283600	OsR498G0916926100.01.T01	Putative E3 ubiquitin-protein ligase ARI9
maker-9-augustus-gene-66.43-mRNA-1	Japonica	NA		Os09g0284200	OsR498G0916928500.01.T03	Serine/threonine-protein phosphatase
maker-9-augustus-gene-66.45-mRNA-1	Japonica	NA		Os09g0284300	OsR498G0916928900.01.T01	
maker-9-augustus-gene-66.47-mRNA-1	Japonica	NA			OsR498G0916929500.01.T01	
maker-9-augustus-gene-66.49-mRNA-1	Japonica	NA		Os09g0284400	OsR498G0916929200.01.T01	GrpE protein homolog
maker-9-augustus-gene-66.51-mRNA-1	Japonica	Indica		Os08g0338900	OsR498G0916929800.01.T01	Enhancer of polycomb-like protein
maker-9-augustus-gene-74.27-mRNA-1	Japonica	NA		Os09g0293400	OsR498G0917001700.01.T02	Ubiquitin-conjugating enzyme
maker-9-augustus-gene-75.0-mRNA-1	Japonica	NA		Os09g0293900	OsR498G0917003300.01.T01	Peptidylprolyl isomerase
maker-9-augustus-gene-75.14-mRNA-1	Japonica	NA		Os09g0294300	OsR498G0917004800.01.T02	Putative ubiquitin-conjugating enzyme E2 26
maker-9-augustus-gene-75.4-mRNA-1	Japonica	NA			OsR498G0917006100.01.T01	Ankyrin repeat protein family-like
maker-9-augustus-gene-75.6-mRNA-1	Japonica	NA		Os12g0468900	OsR498G0510503700.01.T01	Cell wall protein-like
maker-9-augustus-gene-75.9-mRNA-1	Japonica	NA		Os09g0294000	OsR498G0917003600.01.T01	Aspartokinase
maker-9-augustus-gene-76.15-mRNA-1	Japonica	NA			OsR498G0917010500.01.T03	Embryo defective 1381
maker-9-augustus-gene-76.21-mRNA-1	Japonica	NA			OsR498G0917007400.01.T01	Ankyrin repeat family protein-like
maker-9-augustus-gene-76.25-mRNA-1	Japonica	NA			OsR498G0917008800.01.T02	Ankyrin repeat family protein-like
maker-9-augustus-gene-77.41-mRNA-1	Japonica	NA		Os09g0296800	OsR498G0917011700.01.T02	Chlorophyll a-b binding protein, chloroplastic
maker-9-augustus-gene-77.44-mRNA-1	Japonica	NA		Os09g0296900	OsR498G0917011900.01.T01	Putative transducin family protein / WD-40 repeat family protein-like
maker-9-augustus-gene-77.48-mRNA-1	Japonica	NA		Os09g0297000	OsR498G0917012300.01.T06	Ferrochelatase-2, chloroplastic
maker-9-augustus-gene-77.53-mRNA-1	Japonica	Indica		Os08g0345700	OsR498G0917014900.01.T04	Pyrophosphate--fructose 6-phosphate 1-phosphotransferase subunit alpha
maker-9-augustus-gene-77.57-mRNA-1	Japonica	NA		Os09g0298400	OsR498G0917016700.01.T01	THO complex subunit like
maker-9-augustus-gene-77.63-mRNA-1	Japonica	NA		Os09g0297100	OsR498G0917012600.01.T01	Ubiquitin-conjugating enzyme
maker-9-augustus-gene-77.66-mRNA-1	Japonica	NA		Os09g0297400	OsR498G0917013200.01.T02	Phosphoenolpyruvate/phosphate translocator like
maker-9-augustus-gene-77.71-mRNA-1	Japonica	NA		Os09g0297800	OsR498G0917014000.01.T01	GPI-anchored protein LORELEI
maker-9-augustus-gene-77.73-mRNA-1	Japonica	NA		Os09g0298200	OsR498G0917015400.01.T02	Glucose-1-phosphate adenylyltransferase small subunit, chloroplastic/amylo
maker-9-augustus-gene-78.26-mRNA-1	Japonica	Indica		Os08g0346400	OsR498G0917018900.01.T02	HTH myb-type domain-containing protein
maker-9-augustus-gene-78.30-mRNA-1	Japonica	NA		Os09g0299200	OsR498G0917019700.01.T04	HTH myb-type domain-containing protein
maker-9-augustus-gene-78.32-mRNA-1	Japonica	NA		Os09g0298500	OsR498G0917017000.01.T01	E3 ubiquitin-protein ligase WAV3 isoform B
maker-9-augustus-gene-78.34-mRNA-1	Japonica	NA		Os09g0298700	OsR498G0917018000.01.T02	Flowering time control protein FPA
maker-9-augustus-gene-78.36-mRNA-1	Japonica	Indica		Os09g0299400	OsR498G0917020200.01.T01	Two-pore potassium channel like
maker-9-augustus-gene-78.39-mRNA-1	Japonica	Indica		Os07g0296200	OsR498G0917021600.01.T03	Transcription initiation factor TFIID subunit 15
maker-9-augustus-gene-79.0-mRNA-1	Japonica	NA				Transposon protein, putative, CACTA, En/Spm sub-class
maker-9-augustus-gene-8.26-mRNA-1	Japonica	NA		Os09g0108400	OsR498G0916666100.01.T02	armadillo repeat-containing kinesin-like protein 1
maker-9-augustus-gene-8.29-mRNA-1	Japonica	Japonica		Os09g0108600	OsR498G1018169000.01.T01	Aldose 1-epimerase
maker-9-augustus-gene-80.32-mRNA-1	Japonica	NA			OsR498G0917028100.01.T01	
maker-9-augustus-gene-82.25-mRNA-1	Japonica	Indica		Os09g0304400	OsR498G0917038800.01.T01	
maker-9-augustus-gene-83.31-mRNA-1	Japonica	NA		Os09g0306400	OsR498G0917044700.01.T01	BZIP transcription factor
maker-9-augustus-gene-84.26-mRNA-1	Japonica	NA		Os09g0306800	OsR498G0917046800.01.T01	Polycomb group protein EMBRYONIC FLOWER 2
maker-9-augustus-gene-87.0-mRNA-1	Japonica	NA	NBS-TM			NB-ARC domain-containing protein
maker-9-augustus-gene-9.0-mRNA-1	Japonica	Indica		Os09g0109600	OsR498G0916670300.01.T01	
maker-9-augustus-gene-9.10-mRNA-1	Japonica	NA		Os09g0109500	OsR498G0916670000.01.T05	UNC-50 family protein isoform 1
maker-9-augustus-gene-9.16-mRNA-1	Japonica	NA		Os09g0110200	OsR498G0916673800.01.T01	Pentatricopeptide repeat
maker-9-augustus-gene-9.18-mRNA-1	Japonica	NA		Os09g0110300	OsR498G0916674400.01.T01	Cyclase family protein isoform 1
maker-9-augustus-gene-9.2-mRNA-1	Japonica	NA				

maker-9-augustus-gene-9.8-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os09g0110100	OsR498G0916673100.01.T01	LRR-RLK
maker-9-augustus-gene-92.2-mRNA-1	Japonica	Indica		Os02g0571100	OsR498G0917128900.01.T01	Ent-neo-cis-trans-clerodienyl diphosphate synthase
maker-9-augustus-gene-92.3-mRNA-1	Japonica	NA				Syn-copalyl diphosphate synthase
maker-9-augustus-gene-93.0-mRNA-1	Japonica	Indica		Os08g0369000	OsR498G0917137100.01.T01	Nucleobase-ascorbate transporter 2
maker-9-augustus-gene-93.5-mRNA-1	Japonica	NA		Os09g0321200	OsR498G0917140600.01.T01	Carotenoid cleavage dioxygenase
maker-9-augustus-gene-94.22-mRNA-1	Japonica	NA		Os09g0321900	OsR498G0917147300.01.T02	UBC core domain-containing protein (Fragment)
maker-9-augustus-gene-94.24-mRNA-1	Japonica	NA		Os08g0381000		Cell wall protein-like
maker-9-augustus-gene-94.27-mRNA-1	Japonica	Indica		Os09g0322000	OsR498G0917148400.01.T02	Sugar transporter
maker-9-augustus-gene-95.0-mRNA-1	Japonica	Japonica	CC-LRR-NBS-TM	Os09g0322800	OsR498G0917149700.01.T01	NBS-LRR disease resistance protein NBS39
maker-9-augustus-gene-95.15-mRNA-1	Japonica	NA		Os09g0323000	OsR498G0917151200.01.T05	UDP-glucose 4-epimerase 2
maker-9-augustus-gene-95.4-mRNA-1	Japonica	Japonica		Os09g0322900	OsR498G0917150300.01.T01	Bifunctional phosphatase IMPL2, chloroplastic
maker-9-augustus-gene-95.6-mRNA-1	Japonica	NA			OsR498G0917149200.01.T02	Nudix hydrolase
maker-9-augustus-gene-96.59-mRNA-1	Japonica	NA		Os09g0323700	OsR498G0917153500.01.T01	Peroxidase
maker-9-augustus-gene-96.61-mRNA-1	Japonica	Indica		Os09g0325220	OsR498G0917156900.01.T02	FBD domain-containing protein
maker-9-augustus-gene-96.67-mRNA-1	Japonica	NA		Os09g0323500	OsR498G0917152800.01.T01	Ser/Thr-rich protein T10 in DGCR region
maker-9-augustus-gene-96.72-mRNA-1	Japonica	NA		Os09g0323900	OsR498G0917154200.01.T01	Peroxidase
maker-9-augustus-gene-96.74-mRNA-1	Japonica	Japonica	Kinase-TM	Os09g0325140	OsR498G0917156400.01.T04	LysM domain receptor-like kinase 10
maker-9-augustus-gene-97.48-mRNA-1	Japonica	NA	Kinase-LRR-TM	Os09g0326100	OsR498G0917161200.01.T01	Receptor-like protein kinase HSL1
maker-9-augustus-gene-98.25-mRNA-1	Japonica	NA		Os09g0327000	OsR498G0917161900.01.T01	High osmolarity signaling protein sho1
maker-9-augustus-gene-98.28-mRNA-1	Japonica	NA		Os09g0327300	OsR498G0917162500.01.T01	Methenyltetrahydrofolate cyclohydrolase
maker-9-augustus-gene-98.33-mRNA-1	Japonica	NA		Os09g0327100	OsR498G0917162200.01.T01	Putative small GTPase superfamily, P-loop containing nucleoside triphospha
maker-9-augustus-gene-98.35-mRNA-1	Japonica	NA		Os09g0327200	OsR498G0917162400.01.T02	Pentatricopeptide repeat
maker-9-augustus-gene-98.39-mRNA-1	Japonica	NA		Os09g0327400	OsR498G0917162800.01.T03	Glucose-6-phosphate 1-epimerase
maker-9-augustus-gene-98.43-mRNA-1	Japonica	NA			OsR498G0917163400.01.T02	START-like domain containing protein
maker-9-augustus-gene-99.2-mRNA-1	Japonica	NA		Os01g0382900		
maker-AC155918-augustus-gene-1.53-mRNA-1	Japonica	NA		0	OsR498G1119923200.01.T01	Urea amidohydrolase
maker-AC155918-augustus-gene-1.59-mRNA-1	Japonica	NA				SET domain-containing protein
augustus-1-processed-gene-105.7-mRNA-1	NA	NA		0	OsR498G0100702900.01.T01	MADS-box domain-containing protein
augustus-1-processed-gene-114.34-mRNA-1	NA	NA				Transposable element protein, putative, MuDR
augustus-1-processed-gene-115.16-mRNA-1	NA	NA		Os01g0306400	OsR498G0100760300.01.T01	DOG1 domain-containing protein (Fragment)
augustus-1-processed-gene-12.15-mRNA-1	NA	Japonica		Os01g0122300	OsR498G0100074300.01.T01	RING-type E3 ubiquitin transferase
augustus-1-processed-gene-12.16-mRNA-1	NA	NA		0	OsR498G0100074500.01.T01	PE domain-containing protein
augustus-1-processed-gene-126.38-mRNA-1	NA	NA				
augustus-1-processed-gene-144.32-mRNA-1	NA	Japonica		Os01g0355100	OsR498G0100918100.01.T01	Jacalin-type lectin domain-containing protein
augustus-1-processed-gene-144.33-mRNA-1	NA	NA		Os01g0355400		MATH domain-containing protein
augustus-1-processed-gene-150.10-mRNA-1	NA	NA		0	OsR498G0408300400.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-1-processed-gene-151.26-mRNA-1	NA	NA	Kinase-TM	Os01g0366300		Cysteine-rich receptor-like protein kinase 10
augustus-1-processed-gene-155.23-mRNA-1	NA	NA		0	OsR498G0917374600.01.T01	
augustus-1-processed-gene-159.16-mRNA-1	NA	NA		Os03g0412050		Transposon protein, putative, Mutator sub-class, expressed
augustus-1-processed-gene-191.14-mRNA-1	NA	NA		Os01g0518400		Zinc finger BED domain-containing protein DAYSLEEPER
augustus-1-processed-gene-191.22-mRNA-1	NA	Japonica		Os01g0518800	OsR498G0102362500.01.T01	
augustus-1-processed-gene-191.30-mRNA-1	NA	NA		Os01g0742300	OsR498G0101973200.01.T01	Putative 3-hydroxyisobutyrate dehydrogenase-like 1 mitochondrial
augustus-1-processed-gene-20.29-mRNA-1	NA	NA		Os01g0137100	OsR498G0100127300.01.T02	WAK2-OsWAK receptor-like cytoplasmic kinase (OsWAK-RLCK)
augustus-1-processed-gene-201.15-mRNA-1	NA	NA		0	OsR498G0101178300.01.T01	
augustus-1-processed-gene-204.0-mRNA-1	NA	Indica		Os01g0539900	OsR498G0101198100.01.T05	
augustus-1-processed-gene-208.18-mRNA-1	NA	Japonica		Os01g0543600	OsR498G0101243900.01.T04	Indole-2-monooxygenase
augustus-1-processed-gene-208.32-mRNA-1	NA	NA				Transposable element protein, putative, MuDR
augustus-1-processed-gene-21.48-mRNA-1	NA	NA		Os01g0139600	OsR498G0100138300.01.T01	Lipid phosphate phosphatase
augustus-1-processed-gene-21.50-mRNA-1	NA	Japonica		Os01g0140100	OsR498G0101471900.01.T01	Aspartic proteinase nepenthesin-1
augustus-1-processed-gene-210.24-mRNA-1	NA	NA		0	OsR498G0101252500.01.T01	
augustus-1-processed-gene-210.27-mRNA-1	NA	Japonica		Os01g0545900	OsR498G0101254300.01.T01	Selenium-binding protein-like
augustus-1-processed-gene-210.29-mRNA-1	NA	NA		0	OsR498G0305683000.01.T01	Glycine-rich protein 2b
augustus-1-processed-gene-210.40-mRNA-1	NA	NA		0	OsR498G0101257300.01.T01	Pentatricopeptide repeat-containing protein
augustus-1-processed-gene-210.41-mRNA-1	NA	NA		0	OsR498G0101258700.01.T05	JmjC domain-containing protein 4
augustus-1-processed-gene-213.2-mRNA-1	NA	NA		Os01g0550200	OsR498G0101280300.01.T01	F-box protein SKIP8 isoform A
augustus-1-processed-gene-215.21-mRNA-1	NA	NA		Os01g0553400	OsR498G0101299100.01.T04	FBD domain-containing protein
augustus-1-processed-gene-215.22-mRNA-1	NA	Indica		Os05g0471800	OsR498G0101301100.01.T01	FAR1 domain-containing protein
augustus-1-processed-gene-216.22-mRNA-1	NA	NA		Os01g0555100	OsR498G0101311500.01.T03	E3 SUMO-protein ligase RanBP2
augustus-1-processed-gene-216.24-mRNA-1	NA	NA		Os01g0555400		
augustus-1-processed-gene-217.18-mRNA-1	NA	NA		Os01g0556700	OsR498G0101321300.01.T01	Nitrate/chlorate transporter
augustus-1-processed-gene-217.21-mRNA-1	NA	NA		Os01g0557400	OsR498G0101324300.01.T01	F-box domain-containing protein (Fragment)

augustus-1-processed-gene-217.9-mRNA-1	NA	NA		Os01g0556400	OsR498G0101315500.01.T03	Chaperone protein dnaJ 49
augustus-1-processed-gene-218.10-mRNA-1	NA	NA		Os01g0558500	OsR498G0101332700.01.T02	PWWP domain-containing protein
augustus-1-processed-gene-218.9-mRNA-1	NA	NA		Os01g0558200	OsR498G0101330900.01.T01	Amino acid dehydrogenase family protein
augustus-1-processed-gene-22.10-mRNA-1	NA	NA		Os01g0141000	OsR498G0100148300.01.T03	AP2/ERF and B3 domain-containing transcription repressor TEM1
augustus-1-processed-gene-22.11-mRNA-1	NA	NA		0	OsR498G0100149300.01.T01	
augustus-1-processed-gene-22.9-mRNA-1	NA	Indica		Os01g0141000	OsR498G0100143300.01.T01	AP2/ERF and B3 domain-containing transcription repressor TEM1
augustus-1-processed-gene-23.61-mRNA-1	NA	Indica		Os02g0547100	OsR498G0101158000.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-1-processed-gene-233.12-mRNA-1	NA	NA				Translation initiation factor
augustus-1-processed-gene-233.25-mRNA-1	NA	NA				Zinc ion binding
augustus-1-processed-gene-238.17-mRNA-1	NA	NA		Os02g0547100		Transposon protein, putative, Mutator sub-class, expressed
augustus-1-processed-gene-24.23-mRNA-1	NA	Japonica		Os01g0145000	OsR498G0100167700.01.T01	
augustus-1-processed-gene-24.46-mRNA-1	NA	NA		0	OsR498G0100163600.01.T01	Actin-related protein 5 isoform X1
augustus-1-processed-gene-240.28-mRNA-1	NA	Indica	LRR-TM	Os01g0594300	OsR498G0101457300.01.T01	Leucine-rich repeat extensin-like protein 3
augustus-1-processed-gene-241.17-mRNA-1	NA	NA		Os01g0597800	OsR498G0101469300.01.T01	Glycosyltransferase
augustus-1-processed-gene-241.2-mRNA-1	NA	NA				FBD domain-containing protein
augustus-1-processed-gene-242.30-mRNA-1	NA	NA		Os01g0598600	OsR498G0101471900.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus-1-processed-gene-242.56-mRNA-1	NA	NA		Os01g0598400	OsR498G0101471400.01.T01	FBD domain-containing protein (Fragment)
augustus-1-processed-gene-243.13-mRNA-1	NA	Japonica		Os01g0601000	OsR498G0101477000.01.T01	Putative magnesium transporter CorA-like family protein-like
augustus-1-processed-gene-243.2-mRNA-1	NA	NA		Os01g0600900	OsR498G0101476300.01.T01	Chlorophyll a-b binding protein, chloroplastic
augustus-1-processed-gene-244.17-mRNA-1	NA	NA	NBS-TM	0	OsR498G0101487100.01.T01	Disease resistance protein RPP13
augustus-1-processed-gene-245.1-mRNA-1	NA	Indica		Os01g0604300	OsR498G0101493300.01.T01	F-box domain-containing protein (Fragment)
augustus-1-processed-gene-245.23-mRNA-1	NA	NA		0	OsR498G0101498300.01.T01	C3HC-type domain-containing protein (Fragment)
augustus-1-processed-gene-245.4-mRNA-1	NA	NA		Os01g0604600		
augustus-1-processed-gene-246.1-mRNA-1	NA	NA		Os01g0607000	OsR498G0101502500.01.T01	Zinc finger domain-containing CCHC-type
augustus-1-processed-gene-246.15-mRNA-1	NA	NA		Os01g0607300	OsR498G0101503900.01.T02	Ubiquitin-like domain-containing protein
augustus-1-processed-gene-246.4-mRNA-1	NA	NA		0	OsR498G0101503100.01.T01	
augustus-1-processed-gene-248.70-mRNA-1	NA	Indica		Os01g0610800	OsR498G0101521400.01.T01	Papilin-like protein isoform X1
augustus-1-processed-gene-252.0-mRNA-1	NA	NA		Os01g0616800	OsR498G0101547500.01.T01	FAD-binding PCMH-type domain-containing protein
augustus-1-processed-gene-254.30-mRNA-1	NA	NA		Os01g0620800	OsR498G0101560500.01.T01	Glycosyltransferase
augustus-1-processed-gene-254.31-mRNA-1	NA	NA		0	OsR498G0101560700.01.T01	
augustus-1-processed-gene-255.1-mRNA-1	NA	NA		Os01g0621900	OsR498G0101564900.01.T01	Cell wall protein AWA1-like
augustus-1-processed-gene-256.23-mRNA-1	NA	NA		0	OsR498G0713388900.01.T02	
augustus-1-processed-gene-256.45-mRNA-1	NA	NA		Os01g0624700	OsR498G0101574800.01.T01	DNA-binding WRKY
augustus-1-processed-gene-258.30-mRNA-1	NA	Indica		Os04g0594800	OsR498G0101589100.01.T01	Oligopeptide transporter
augustus-1-processed-gene-260.34-mRNA-1	NA	NA		Os01g0633200	OsR498G0101598900.01.T01	Factor of DNA methylation 1
augustus-1-processed-gene-265.0-mRNA-1	NA	NA		Os01g0641800	OsR498G0101626900.01.T01	Adenosinetriphosphatase
augustus-1-processed-gene-265.1-mRNA-1	NA	NA		Os01g0641800	OsR498G0101626900.01.T01	Adenosinetriphosphatase
augustus-1-processed-gene-273.66-mRNA-1	NA	NA				Eukaryotic translation initiation factor 3 subunit 10
augustus-1-processed-gene-28.49-mRNA-1	NA	NA		Os01g0151900	OsR498G0100184700.01.T01	Pentatricopeptide repeat
augustus-1-processed-gene-29.2-mRNA-1	NA	Japonica	LRR-TM	Os01g0153000	OsR498G0100190500.01.T02	Serine/threonine kinase
augustus-1-processed-gene-29.20-mRNA-1	NA	NA		Os01g0153800	OsR498G0100193100.01.T01	Putative carboxylesterase 15
augustus-1-processed-gene-29.4-mRNA-1	NA	Indica		Os04g0625700	OsR498G0100191300.01.T01	
augustus-1-processed-gene-300.54-mRNA-1	NA	NA		Os07g0513300		Transposon protein, putative, Mutator sub-class, expressed
augustus-1-processed-gene-304.29-mRNA-1	NA	NA		Os01g0714600		
augustus-1-processed-gene-338.31-mRNA-1	NA	NA		Os01g0781000	OsR498G0102101700.01.T01	Vacuolar protein sorting-associated protein 28 homolog
augustus-1-processed-gene-342.8-mRNA-1	NA	NA		0	OsR498G0407856300.01.T01	Zinc knuckle containing protein-like
augustus-1-processed-gene-343.21-mRNA-1	NA	Japonica		Os01g0794800	OsR498G0102133700.01.T02	Subtilisin-like protease
augustus-1-processed-gene-350.21-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class
augustus-1-processed-gene-351.56-mRNA-1	NA	NA		0	OsR498G0409198000.01.T01	Glutaredoxin domain-containing protein
augustus-1-processed-gene-351.60-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-1-processed-gene-357.42-mRNA-1	NA	NA		Os01g0819800		Putative pentatricopeptide repeat-containing protein, mitochondrial
augustus-1-processed-gene-368.30-mRNA-1	NA	NA		Os01g0658300		Glutaminyl-tRNA synthetase
augustus-1-processed-gene-369.38-mRNA-1	NA	NA		Os01g0841700	OsR498G0102309900.01.T01	Elicitor-responsive protein 1
augustus-1-processed-gene-369.50-mRNA-1	NA	NA		Os01g0842200	OsR498G0102311900.01.T03	Transcription factor GRAS
augustus-1-processed-gene-37.62-mRNA-1	NA	Japonica		Os01g0171200	OsR498G0100239400.01.T02	
augustus-1-processed-gene-370.21-mRNA-1	NA	Indica		Os01g0844900	OsR498G0102321300.01.T01	Transcription factor LUX
augustus-1-processed-gene-371.56-mRNA-1	NA	NA		Os01g0846400		
augustus-1-processed-gene-371.68-mRNA-1	NA	Indica		Os01g0630700	OsR498G0916643600.01.T01	ATP-dependent DNA helicase
augustus-1-processed-gene-371.75-mRNA-1	NA	NA				Ultraviolet-B receptor UVR8
augustus-1-processed-gene-373.34-mRNA-1	NA	Indica		Os03g0110200	OsR498G0102000100.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-1-processed-gene-374.1-mRNA-1	NA	NA		Os01g0851600	OsR498G0102344100.01.T01	3-oxo-5-alpha-steroid 4-dehydrogenase

augustus-1-processed-gene-374.14-mRNA-1	NA	NA		Os01g0852900	OsR498G0102348900.01.T02	Pentatricopeptide repeat-containing protein 70 (Fragment)
augustus-1-processed-gene-375.16-mRNA-1	NA	Indica		Os05g0449200	OsR498G0102354500.01.T01	Putative hydroxycinnamoyl transferase
augustus-1-processed-gene-375.19-mRNA-1	NA	NA		Os01g0854800	OsR498G0102357300.01.T01	
augustus-1-processed-gene-375.7-mRNA-1	NA	NA		Os01g0853600	OsR498G0102351500.01.T06	
augustus-1-processed-gene-375.8-mRNA-1	NA	NA		Os01g0853800	OsR498G0102352900.01.T01	C2 domain-containing protein (Fragment)
augustus-1-processed-gene-377.1-mRNA-1	NA	Indica		Os01g0856800	OsR498G0102367500.01.T02	Pleckstrin like domain-containing protein 1
augustus-1-processed-gene-378.2-mRNA-1	NA	NA		Os01g0858900	OsR498G0102373300.01.T01	Beta-galactoside alpha-2
augustus-1-processed-gene-378.7-mRNA-1	NA	Indica		Os01g0858500	OsR498G0102372800.01.T02	Transcription initiation factor TFIID subunit like
augustus-1-processed-gene-379.1-mRNA-1	NA	Indica		Os02g0321900	OsR498G0102379100.01.T01	Acidic endochitinase-like
augustus-1-processed-gene-379.21-mRNA-1	NA	NA		Os01g0862600	OsR498G0102384500.01.T02	Senescence regulator
augustus-1-processed-gene-379.3-mRNA-1	NA	Japonica		Os01g0860500	OsR498G0102379300.01.T01	Acidic endochitinase
augustus-1-processed-gene-379.4-mRNA-1	NA	Japonica		Os01g0860601	OsR498G0408525900.01.T04	Ferredoxin
augustus-1-processed-gene-379.6-mRNA-1	NA	NA		Os01g0860800	OsR498G0102380900.01.T06	Glucan endo-1,3-beta-glucosidase 7
augustus-1-processed-gene-380.21-mRNA-1	NA	NA		Os01g0864200	OsR498G0102390500.01.T01	
augustus-1-processed-gene-381.58-mRNA-1	NA	Japonica		Os01g0866200	OsR498G0611661000.01.T01	Histone domain-containing protein (Fragment)
augustus-1-processed-gene-383.49-mRNA-1	NA	NA		0	OsR498G0102409300.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus-1-processed-gene-383.50-mRNA-1	NA	NA		0	OsR498G0102409700.01.T01	Subtilisin-like protease
augustus-1-processed-gene-383.60-mRNA-1	NA	NA		Os01g0868900	OsR498G0102409900.01.T01	Subtilisin-like protease preproenzyme
augustus-1-processed-gene-383.64-mRNA-1	NA	NA	Kinase-TM	Os01g0869900	OsR498G0102413500.01.T01	Serine/threonine-protein kinase SAPK4
augustus-1-processed-gene-384.53-mRNA-1	NA	Indica	Kinase-TM	Os01g0889900	OsR498G0102416100.01.T01	Receptor-like serine/threonine-protein kinase
augustus-1-processed-gene-384.55-mRNA-1	NA	NA		Os01g0871200		Zinc finger protein STOP1 like
augustus-1-processed-gene-385.46-mRNA-1	NA	NA		Os01g0872300		
augustus-1-processed-gene-385.47-mRNA-1	NA	NA				Putative amino acid/peptide transporter
augustus-1-processed-gene-385.63-mRNA-1	NA	NA		Os01g0873700	OsR498G0102425300.01.T01	Probable magnesium transporter
augustus-1-processed-gene-387.31-mRNA-1	NA	NA		0	OsR498G0102439100.01.T03	RRM domain-containing protein
augustus-1-processed-gene-387.47-mRNA-1	NA	NA		0	OsR498G0102440700.01.T02	RNA-binding family protein isoform 1
augustus-1-processed-gene-388.1-mRNA-1	NA	NA		Os01g0878100		
augustus-1-processed-gene-388.16-mRNA-1	NA	NA		Os01g0879200	OsR498G0102448100.01.T01	Dirigent protein (Fragment)
augustus-1-processed-gene-388.17-mRNA-1	NA	Indica		Os01g0879200	OsR498G0102448300.01.T01	Dirigent protein (Fragment)
augustus-1-processed-gene-388.18-mRNA-1	NA	NA		Os01g0879400	OsR498G0102448300.01.T03	Glycosyl hydrolase family protein 43 isoform 2
augustus-1-processed-gene-388.2-mRNA-1	NA	NA	Kinase-LRR-TM	Os01g0878300	OsR498G0102446100.01.T01	receptor-like protein kinase HAIKU2
augustus-1-processed-gene-389.30-mRNA-1	NA	Indica		Os01g0881400	OsR498G0102458500.01.T01	DRMBL domain-containing protein
augustus-1-processed-gene-389.31-mRNA-1	NA	NA		0	OsR498G0408669000.01.T01	Leucine Rich Repeat family protein, expressed
augustus-1-processed-gene-389.33-mRNA-1	NA	Japonica		Os01g0881800	OsR498G0611598700.01.T01	
augustus-1-processed-gene-39.63-mRNA-1	NA	NA		Os04g0384000		
augustus-1-processed-gene-39.73-mRNA-1	NA	NA		Os01g0176800	OsR498G0100256900.01.T01	
augustus-1-processed-gene-390.36-mRNA-1	NA	NA		Os01g0882400		DUF679 domain membrane protein 2
augustus-1-processed-gene-390.53-mRNA-1	NA	NA	Kinase-TM	Os01g0883000		Receptor-like protein kinase
augustus-1-processed-gene-390.54-mRNA-1	NA	Indica	Kinase-TM	Os10g0492400	OsR498G0102463700.01.T01	Tyrosine-protein kinase
augustus-1-processed-gene-391.41-mRNA-1	NA	NA		Os01g0884800		Pentatricopeptide repeat-containing protein, mitochondrial
augustus-1-processed-gene-392.0-mRNA-1	NA	NA	Kinase-TM	Os01g0885700	OsR498G0102473900.01.T01	Serine/threonine-protein kinase
augustus-1-processed-gene-392.14-mRNA-1	NA	NA		Os01g0886700		
augustus-1-processed-gene-393.14-mRNA-1	NA	NA		Os01g0888800	OsR498G0102485500.01.T01	
augustus-1-processed-gene-393.17-mRNA-1	NA	NA		Os01g0889400	OsR498G0102487900.01.T03	LOB domain-containing protein 6
augustus-1-processed-gene-394.52-mRNA-1	NA	NA	LRR-TM	Os01g0891700	OsR498G0102493700.01.T01	RNA polymerase Rpb7-like, N-terminal domain
augustus-1-processed-gene-395.38-mRNA-1	NA	Japonica		Os01g0892200	OsR498G0102495900.01.T01	Receptor protein kinase-like
augustus-1-processed-gene-395.39-mRNA-1	NA	NA	LRR-TM	Os01g0892300	OsR498G0102496500.01.T01	Putative systemin receptor SR160
augustus-1-processed-gene-395.54-mRNA-1	NA	NA	Kinase-TM	Os01g0892800	OsR498G0102498100.01.T02	Dual specificity protein kinase shkC
augustus-1-processed-gene-396.14-mRNA-1	NA	NA		Os01g0895500	OsR498G0102505500.01.T01	RHOMBOLD-like protein 13 isoform B
augustus-1-processed-gene-396.15-mRNA-1	NA	NA		0	OsR498G0102505900.01.T05	
augustus-1-processed-gene-396.16-mRNA-1	NA	Indica		Os01g0896200	OsR498G0102505900.01.T01	Putative membrane-associated protein, chloroplastic
augustus-1-processed-gene-397.1-mRNA-1	NA	NA		0	OsR498G0102508900.01.T01	Pentatricopeptide repeat-containing protein, mitochondrial
augustus-1-processed-gene-397.2-mRNA-1	NA	NA		0	OsR498G0102509100.01.T01	Beta-glucosidase 42
augustus-1-processed-gene-399.32-mRNA-1	NA	NA		0	OsR498G0204768400.01.T01	Epstein-Barr virus EBNA-1-like
augustus-1-processed-gene-399.39-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-1-processed-gene-40.0-mRNA-1	NA	NA		Os01g0177100	OsR498G0100258100.01.T04	Transcriptional corepressor LEUNIG
augustus-1-processed-gene-400.58-mRNA-1	NA	NA		0	OsR498G0203809100.01.T01	DUF834 domain-containing protein
augustus-1-processed-gene-400.99-mRNA-1	NA	NA		Os01g0904400	OsR498G0102533400.01.T01	SMC hinge domain-containing protein
augustus-1-processed-gene-401.33-mRNA-1	NA	Indica		Os01g0627933	OsR498G0101582200.01.T01	Cytochrome P450 monooxygenase
augustus-1-processed-gene-401.35-mRNA-1	NA	NA		Os01g0626900	OsR498G0101580000.01.T02	Transcription factor bHLH144
augustus-1-processed-gene-402.34-mRNA-1	NA	Japonica		Os01g0625900	OsR498G0511414500.01.T01	Transcription repressor

augustus-1-processed-gene-402.51-mRNA-1	NA	NA		Os01g0624700	OsR498G0101574800.01.T01	DNA-binding WRKY
augustus-1-processed-gene-402.54-mRNA-1	NA	NA		Os01g0624000	OsR498G0101573400.01.T02	Neutral ceramidase
augustus-1-processed-gene-403.32-mRNA-1	NA	NA	LRR-TM	0	OsR498G0101567200.01.T01	Protein TOO MANY MOUTHS like
augustus-1-processed-gene-404.12-mRNA-1	NA	Japonica		Os01g0620300	OsR498G0101559000.01.T01	Glycosyltransferase
augustus-1-processed-gene-404.26-mRNA-1	NA	NA		0	OsR498G0101560700.01.T01	
augustus-1-processed-gene-407.14-mRNA-1	NA	NA	NBS-TM	Os01g0615500	OsR498G0101542000.01.T01	ATPase, coupled to transmembrane movement of substances
augustus-1-processed-gene-408.30-mRNA-1	NA	NA		Os01g0614500	OsR498G0101538800.01.T03	UBP1-associated protein 2C isoform A
augustus-1-processed-gene-408.46-mRNA-1	NA	Indica		Os05g0468700	OsR498G0101534400.01.T01	Ammonium transporter
augustus-1-processed-gene-409.0-mRNA-1	NA	NA		Os01g0612600	OsR498G0101530400.01.T06	Putative zinc finger, RING/FYVE/PHD-type
augustus-1-processed-gene-409.8-mRNA-1	NA	NA		Os01g0611900	OsR498G0101526600.01.T05	Fertility restorer homologue-like
augustus-1-processed-gene-410.48-mRNA-1	NA	Indica		Os01g0342700	OsR498G0101517800.01.T03	ABCG subfamily transporter protein
augustus-1-processed-gene-412.37-mRNA-1	NA	Indica	Kinase-LRR-TM	Os05g0588250	OsR498G0101507200.01.T01	Serine/threonine protein kinase
augustus-1-processed-gene-412.51-mRNA-1	NA	NA		0	OsR498G0101501800.01.T01	
augustus-1-processed-gene-413.2-mRNA-1	NA	Japonica		Os01g0606100	OsR498G0101500000.01.T01	
augustus-1-processed-gene-413.21-mRNA-1	NA	NA		Os01g0604500	OsR498G0101494400.01.T03	Probable calcium-binding protein CML14
augustus-1-processed-gene-413.39-mRNA-1	NA	NA		0	OsR498G0101498300.01.T01	C3HC-type domain-containing protein (Fragment)
augustus-1-processed-gene-415.8-mRNA-1	NA	Japonica		Os01g0601000	OsR498G0101477000.01.T01	Putative magnesium transporter CorA-like family protein-like
augustus-1-processed-gene-416.48-mRNA-1	NA	NA		Os01g0598400	OsR498G0101471400.01.T01	FBD domain-containing protein (Fragment)
augustus-1-processed-gene-418.44-mRNA-1	NA	NA		Os01g0594900	OsR498G0101459200.01.T01	Retinoic acid induced 1
augustus-1-processed-gene-419.13-mRNA-1	NA	NA		Os01g0658300		GlutaminyI-tRNA synthetase
augustus-1-processed-gene-420.13-mRNA-1	NA	NA		Os01g0841700	OsR498G0102309900.01.T01	Elicitor-responsive protein 1
augustus-1-processed-gene-420.15-mRNA-1	NA	NA		Os01g0842200	OsR498G0102311900.01.T03	Transcription factor GRAS
augustus-1-processed-gene-422.0-mRNA-1	NA	Indica		Os01g0844900	OsR498G0102321300.01.T01	Transcription factor LUX
augustus-1-processed-gene-422.11-mRNA-1	NA	NA		Os01g0846400		
augustus-1-processed-gene-422.15-mRNA-1	NA	NA				Ultraviolet-B receptor UVR8
augustus-1-processed-gene-425.30-mRNA-1	NA	Indica		Os08g0487300	OsR498G0102000100.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-1-processed-gene-425.42-mRNA-1	NA	NA		Os01g0851600	OsR498G0102344100.01.T01	3-oxo-5-alpha-steroid 4-dehydrogenase
augustus-1-processed-gene-426.0-mRNA-1	NA	NA		Os01g0852900	OsR498G0102348900.01.T02	Pentatricopeptide repeat-containing protein 70 (Fragment)
augustus-1-processed-gene-426.14-mRNA-1	NA	NA		Os01g0853800	OsR498G0102352900.01.T01	C2 domain-containing protein (Fragment)
augustus-1-processed-gene-426.16-mRNA-1	NA	Indica		Os05g0449200	OsR498G0102354500.01.T01	Putative hydroxycinnamoyl transferase
augustus-1-processed-gene-426.3-mRNA-1	NA	NA		Os01g0853600	OsR498G0102351500.01.T06	
augustus-1-processed-gene-427.0-mRNA-1	NA	NA		Os01g0854800	OsR498G0102357300.01.T01	
augustus-1-processed-gene-428.9-mRNA-1	NA	Indica		Os01g0856800	OsR498G0102367500.01.T02	Pleckstrin likey domain-containing protein 1
augustus-1-processed-gene-429.51-mRNA-1	NA	NA		Os01g0858900	OsR498G0102373300.01.T01	Beta-galactoside alpha-2
augustus-1-processed-gene-429.63-mRNA-1	NA	Indica		Os01g0858500	OsR498G0102372800.01.T02	Transcription initiation factor TFIID subunit like
augustus-1-processed-gene-430.13-mRNA-1	NA	Indica		Os02g0321900	OsR498G0102379100.01.T01	Acidic endochitinase-like
augustus-1-processed-gene-430.15-mRNA-1	NA	Japonica		Os01g0860500	OsR498G0102379300.01.T01	Acidic endochitinase
augustus-1-processed-gene-430.16-mRNA-1	NA	Japonica		Os01g0860601	OsR498G0408525900.01.T04	Ferredoxin
augustus-1-processed-gene-430.18-mRNA-1	NA	NA		Os01g0860800	OsR498G0102380900.01.T06	Glucan endo-1,3-beta-glucosidase 7
augustus-1-processed-gene-431.15-mRNA-1	NA	NA		Os01g0862600	OsR498G0102384500.01.T02	Senescence regulator
augustus-1-processed-gene-432.18-mRNA-1	NA	NA		Os01g0864200	OsR498G0102390500.01.T01	
augustus-1-processed-gene-433.60-mRNA-1	NA	Japonica		Os01g0866200	OsR498G0611661000.01.T01	Histone domain-containing protein (Fragment)
augustus-1-processed-gene-434.7-mRNA-1	NA	NA		0	OsR498G0102409300.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus-1-processed-gene-434.8-mRNA-1	NA	NA		0	OsR498G0102409700.01.T01	Subtilisin-like protease
augustus-1-processed-gene-434.9-mRNA-1	NA	NA		Os01g0868900	OsR498G0102409900.01.T01	Subtilisin-like protease preproenzyme
augustus-1-processed-gene-435.41-mRNA-1	NA	NA	Kinase-TM	Os01g0869900	OsR498G0102413500.01.T01	Serine/threonine-protein kinase SAPK4
augustus-1-processed-gene-435.54-mRNA-1	NA	Indica	Kinase-TM	Os01g0889900	OsR498G0102416100.01.T01	Receptor-like serine/threonine-protein kinase
augustus-1-processed-gene-435.56-mRNA-1	NA	NA		Os01g0871200		Zinc finger protein STOP1 like
augustus-1-processed-gene-436.19-mRNA-1	NA	NA		Os01g0872300		
augustus-1-processed-gene-436.20-mRNA-1	NA	NA				Putative amino acid/peptide transporter
augustus-1-processed-gene-437.29-mRNA-1	NA	NA		Os01g0873700	OsR498G0102425300.01.T01	Probable magnesium transporter
augustus-1-processed-gene-438.43-mRNA-1	NA	NA		0	OsR498G0102439100.01.T03	RRM domain-containing protein
augustus-1-processed-gene-438.47-mRNA-1	NA	NA		0	OsR498G0102440700.01.T02	RNA-binding family protein isoform 1
augustus-1-processed-gene-439.39-mRNA-1	NA	NA		Os01g0878100		
augustus-1-processed-gene-439.40-mRNA-1	NA	NA	Kinase-LRR-TM	Os01g0878300	OsR498G0102446100.01.T01	receptor-like protein kinase HAIKU2
augustus-1-processed-gene-439.43-mRNA-1	NA	NA		Os01g0879200	OsR498G0102448100.01.T01	Dirigent protein (Fragment)
augustus-1-processed-gene-439.44-mRNA-1	NA	Indica		Os01g0879200	OsR498G0102448300.01.T01	Dirigent protein (Fragment)
augustus-1-processed-gene-439.45-mRNA-1	NA	NA		Os01g0879400	OsR498G0102448300.01.T03	Glycosyl hydrolase family protein 43 isoform 2
augustus-1-processed-gene-441.19-mRNA-1	NA	NA		Os01g0882400		DUF679 domain membrane protein 2
augustus-1-processed-gene-441.2-mRNA-1	NA	NA		0	OsR498G0408669000.01.T01	Leucine Rich Repeat family protein, expressed
augustus-1-processed-gene-441.20-mRNA-1	NA	NA	Kinase-TM	Os01g0883000		Receptor-like protein kinase

augustus-1-processed-gene-441.21-mRNA-1	NA	Indica	Kinase-TM	Os10g0492400	OsR498G0102463700.01.T01	Tyrosine-protein kinase
augustus-1-processed-gene-441.4-mRNA-1	NA	Japonica		Os01g0881800	OsR498G0611598700.01.T01	
augustus-1-processed-gene-442.9-mRNA-1	NA	NA		Os01g0884800		Pentatricopeptide repeat-containing protein, mitochondrial
augustus-1-processed-gene-443.42-mRNA-1	NA	NA	Kinase-TM	Os01g0885700	OsR498G0102473900.01.T01	Serine/threonine-protein kinase
augustus-1-processed-gene-443.55-mRNA-1	NA	NA		Os01g0886700		
augustus-1-processed-gene-444.12-mRNA-1	NA	NA		Os01g0888800	OsR498G0102485500.01.T01	
augustus-1-processed-gene-445.37-mRNA-1	NA	NA		Os01g0889400	OsR498G0102487900.01.T03	LOB domain-containing protein 6
augustus-1-processed-gene-446.16-mRNA-1	NA	NA	LRR-TM	Os01g0892300	OsR498G0102496500.01.T01	Putative systemin receptor SR160
augustus-1-processed-gene-446.17-mRNA-1	NA	NA	Kinase-TM	Os01g0892800	OsR498G0102498100.01.T02	Dual specificity protein kinase shkC
augustus-1-processed-gene-446.3-mRNA-1	NA	NA	LRR-TM	Os01g0891700	OsR498G0102493700.01.T01	RNA polymerase Rpb7-like, N-terminal domain
augustus-1-processed-gene-447.15-mRNA-1	NA	NA		Os01g0895500	OsR498G0102505500.01.T01	RHOMBOLD-like protein 13 isoform B
augustus-1-processed-gene-447.16-mRNA-1	NA	NA		0	OsR498G0102505900.01.T05	
augustus-1-processed-gene-447.17-mRNA-1	NA	Indica		Os01g0896200	OsR498G0102505900.01.T01	Putative membrane-associated protein, chloroplastic
augustus-1-processed-gene-448.61-mRNA-1	NA	NA		0	OsR498G0102508900.01.T01	Pentatricopeptide repeat-containing protein, mitochondrial
augustus-1-processed-gene-448.62-mRNA-1	NA	NA		0	OsR498G0102509100.01.T01	Beta-glucosidase 42
augustus-1-processed-gene-45.5-mRNA-1	NA	NA		0	OsR498G0100283300.01.T01	Alkane hydroxylase MAH1
augustus-1-processed-gene-45.6-mRNA-1	NA	NA		Os01g0183600		Alkane hydroxylase MAH1
augustus-1-processed-gene-450.32-mRNA-1	NA	NA		0	OsR498G0204768400.01.T01	Epstein-Barr virus EBNA-1-like
augustus-1-processed-gene-450.35-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-1-processed-gene-451.63-mRNA-1	NA	NA		0	OsR498G0203809100.01.T01	DUF834 domain-containing protein
augustus-1-processed-gene-452.46-mRNA-1	NA	NA		Os01g0904400	OsR498G0102533400.01.T01	SMC hinge domain-containing protein
augustus-1-processed-gene-452.52-mRNA-1	NA	Indica		Os01g0627933	OsR498G0101582200.01.T01	Cytochrome P450 monooxygenase
augustus-1-processed-gene-452.54-mRNA-1	NA	NA		Os01g0626900	OsR498G0101580000.01.T02	Transcription factor bHLH144
augustus-1-processed-gene-453.34-mRNA-1	NA	Japonica		Os01g0625900	OsR498G0511414500.01.T01	Transcription repressor
augustus-1-processed-gene-453.39-mRNA-1	NA	NA		Os01g0624700	OsR498G0101574800.01.T01	DNA-binding WRKY
augustus-1-processed-gene-453.63-mRNA-1	NA	NA		0	OsR498G0101575300.01.T01	
augustus-1-processed-gene-454.25-mRNA-1	NA	NA		Os01g0624000	OsR498G0101573400.01.T02	Neutral ceramidase
augustus-1-processed-gene-454.40-mRNA-1	NA	NA	LRR-TM	0	OsR498G0101567200.01.T01	Protein TOO MANY MOUTHS like
augustus-1-processed-gene-455.25-mRNA-1	NA	NA		0	OsR498G0101560700.01.T01	
augustus-1-processed-gene-456.0-mRNA-1	NA	Japonica		Os01g0620300	OsR498G0101559000.01.T01	Glycosyltransferase
augustus-1-processed-gene-459.1-mRNA-1	NA	NA	NBS-TM	Os01g0615500	OsR498G0101542000.01.T01	ATPase, coupled to transmembrane movement of substances
augustus-1-processed-gene-459.14-mRNA-1	NA	NA		Os01g0614500	OsR498G0101538800.01.T03	UBP1-associated protein 2C isoform A
augustus-1-processed-gene-459.20-mRNA-1	NA	Indica		Os05g0468700	OsR498G0101534400.01.T01	Ammonium transporter
augustus-1-processed-gene-460.36-mRNA-1	NA	NA		Os01g0612600	OsR498G0101530400.01.T06	Putative zinc finger, RING/FYVE/PHD-type
augustus-1-processed-gene-460.39-mRNA-1	NA	NA		Os01g0611900	OsR498G0101526600.01.T05	Fertility restorer homologue-like
augustus-1-processed-gene-462.20-mRNA-1	NA	Indica		Os01g0342700	OsR498G0101517800.01.T03	ABCG subfamily transporter protein
augustus-1-processed-gene-463.44-mRNA-1	NA	Indica	Kinase-LRR-TM	Os05g0588250	OsR498G0101507200.01.T01	Serine/threonine protein kinase
augustus-1-processed-gene-464.26-mRNA-1	NA	NA		0	OsR498G0101501800.01.T01	
augustus-1-processed-gene-464.42-mRNA-1	NA	Japonica		Os01g0606100	OsR498G0101500000.01.T01	
augustus-1-processed-gene-465.21-mRNA-1	NA	NA		Os01g0604500	OsR498G0101494400.01.T03	Probable calcium-binding protein CML14
augustus-1-processed-gene-466.5-mRNA-1	NA	NA	LRR-TM	Os01g0601700		LRR receptor-like serine/threonine-protein kinase GSO1
augustus-1-processed-gene-467.32-mRNA-1	NA	Japonica		Os01g0601000	OsR498G0101477000.01.T01	Putative magnesium transporter CorA-like family protein-like
augustus-1-processed-gene-469.13-mRNA-1	NA	NA		Os01g0594900	OsR498G0101459200.01.T01	Retinoic acid induced 1
augustus-1-processed-gene-47.12-mRNA-1	NA	NA		0	OsR498G0100299500.01.T01	Probable metal-nicotianamine transporter YSL7
augustus-1-processed-gene-470.16-mRNA-1	NA	Japonica		Os01g0905550	OsR498G0408694600.01.T01	
augustus-1-processed-gene-491.57-mRNA-1	NA	Japonica		Os01g0941500	OsR498G0102675900.01.T01	Endo-1,3-beta-glucanase
augustus-1-processed-gene-492.24-mRNA-1	NA	NA		0	OsR498G0102681100.01.T07	Retrotransposon protein, putative, unclassified
augustus-1-processed-gene-492.26-mRNA-1	NA	NA		Os01g0943000	OsR498G0102681300.01.T01	PHD finger protein ING
augustus-1-processed-gene-495.27-mRNA-1	NA	NA		Os01g0949300	OsR498G0102700100.01.T01	Calcium-binding protein CML36
augustus-1-processed-gene-497.0-mRNA-1	NA	NA		Os01g0952500	OsR498G0102709300.01.T01	Two-component response regulator ARR8
augustus-1-processed-gene-497.11-mRNA-1	NA	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class
augustus-1-processed-gene-497.12-mRNA-1	NA	NA		Os01g0953801		AT-hook motif nuclear-localized protein 17
augustus-1-processed-gene-497.6-mRNA-1	NA	Japonica		Os01g0952900	OsR498G0510749100.01.T01	DNA-directed RNA polymerase II 13.6 kDa polypeptide family protein
augustus-1-processed-gene-50.38-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class
augustus-1-processed-gene-500.77-mRNA-1	NA	NA		Os01g0958200	OsR498G0102735100.01.T01	G-type lectin S-receptor-like serine/threonine-protein kinase SD2-5
augustus-1-processed-gene-503.63-mRNA-1	NA	NA		Os01g0966300	OsR498G0102757100.01.T05	Mitochondrial processing peptidase
augustus-1-processed-gene-504.2-mRNA-1	NA	Indica		Os07g0533600	OsR498G0102759300.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus-1-processed-gene-508.32-mRNA-1	NA	NA				Retrotransposon protein, putative, unclassified, expressed
augustus-1-processed-gene-510.49-mRNA-1	NA	NA		Os01g0819800		Putative pentatricopeptide repeat-containing protein, mitochondrial
augustus-1-processed-gene-54.38-mRNA-1	NA	NA		0	OsR498G0100348300.01.T01	Lachrymatory-factor synthase-like
augustus-1-processed-gene-54.42-mRNA-1	NA	Japonica		Os01g0200200	OsR498G0100351500.01.T01	AIR carboxylase

augustus-1-processed-gene-55.21-mRNA-1	NA	NA		Os01g0200500	OsR498G0100352500.01.T01	Nuclear pore complex protein NUP35
augustus-1-processed-gene-58.64-mRNA-1	NA	Indica		Os01g0205300	OsR498G0100374100.01.T03	Protein-serine/threonine phosphatase
augustus-1-processed-gene-58.66-mRNA-1	NA	Japonica		Os01g0205600	OsR498G0511225400.01.T02	Carnitine racemase like protein
augustus-1-processed-gene-58.69-mRNA-1	NA	Indica	Kinase-TM	Os01g0206300	OsR498G0100377100.01.T01	Non-specific serine/threonine protein kinase
augustus-1-processed-gene-59.22-mRNA-1	NA	NA		Os01g0207700	OsR498G0100380900.01.T01	
augustus-1-processed-gene-66.31-mRNA-1	NA	NA				Transposable element protein, putative, MuDR
augustus-1-processed-gene-67.44-mRNA-1	NA	Indica	Kinase-TM	Os01g0222800	OsR498G0100443500.01.T01	Serine/threonine-protein kinase
augustus-1-processed-gene-67.45-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0100443900.01.T01	Serine/threonine-protein kinase
augustus-1-processed-gene-68.2-mRNA-1	NA	NA		Os01g0223300	OsR498G0100445300.01.T01	Arginyl-tRNA synthetase
augustus-1-processed-gene-81.20-mRNA-1	NA	NA		0	OsR498G0100538900.01.T01	
augustus-1-processed-gene-81.36-mRNA-1	NA	NA		Os01g0246300		
augustus-1-processed-gene-81.53-mRNA-1	NA	NA		0	OsR498G0100545200.01.T01	Retrotransposon protein, putative, unclassified, expressed
augustus-1-processed-gene-82.47-mRNA-1	NA	NA		Os01g0248701		Heterodimeric geranylgeranyl pyrophosphate synthase large subunit 1 like
augustus-1-processed-gene-83.15-mRNA-1	NA	NA				HAD-superfamily hydrolase, subfamily IG, 5'-nucleotidase
augustus-1-processed-gene-83.16-mRNA-1	NA	NA		Os01g0251100	OsR498G0100557300.01.T01	Ribosomal protein L3 plastid isoform 1
augustus-1-processed-gene-84.15-mRNA-1	NA	Japonica		Os01g0253200	OsR498G0100563100.01.T01	PMEI domain-containing protein (Fragment)
augustus-1-processed-gene-84.17-mRNA-1	NA	NA		Os01g0253500	OsR498G0100564100.01.T01	
augustus-1-processed-gene-85.8-mRNA-1	NA	NA		0	OsR498G0100570400.01.T01	PGG domain-containing protein
augustus-1-processed-gene-86.0-mRNA-1	NA	NA		0	OsR498G0100573000.01.T01	
augustus-1-processed-gene-89.32-mRNA-1	NA	NA		Os01g0261600	OsR498G0100598700.01.T01	2-alpha-hydroxytaxane 2-O-benzoyltransferase
augustus-1-processed-gene-91.37-mRNA-1	NA	NA		Os01g0264600		Phytochrome kinase substrate 1
augustus-1-processed-gene-91.62-mRNA-1	NA	NA		Os01g0265300		Transposon protein, putative, Mutator sub-class, expressed
augustus-1-processed-gene-92.34-mRNA-1	NA	NA		0	OsR498G0100616300.01.T02	ATP-dependent DNA helicase
augustus-1-processed-gene-92.47-mRNA-1	NA	Japonica		Os01g0267300	OsR498G0100622500.01.T01	SERPIN domain-containing protein (Fragment)
augustus-1-processed-gene-93.35-mRNA-1	NA	NA	Kinase-TM	Os01g0267800	OsR498G0100624700.01.T01	serine/threonine-protein kinase-like protein At5g23170
augustus-1-processed-gene-93.46-mRNA-1	NA	NA		Os01g0268800	OsR498G0100628700.01.T01	Rhomboid-like protein 20
augustus-10-processed-gene-0.10-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-10-processed-gene-0.12-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-10-processed-gene-0.14-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-10-processed-gene-0.2-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-10-processed-gene-0.4-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-10-processed-gene-0.6-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-10-processed-gene-0.8-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-10-processed-gene-104.0-mRNA-1	NA	Indica		Os10g0427800	OsR498G1018759900.01.T02	BTB/POZ domain containing protein, expressed
augustus-10-processed-gene-104.22-mRNA-1	NA	Japonica		Os10g0428900	OsR498G1018762100.01.T01	BTB/POZ domain containing protein, expressed
augustus-10-processed-gene-114.17-mRNA-1	NA	NA		Os04g0168100		Transcriptional regulator SUPERMAN like
augustus-10-processed-gene-117.2-mRNA-1	NA	NA		Os04g0165200		Protein SENSITIVE TO PROTON RHIZOTOXICITY 1
augustus-10-processed-gene-117.23-mRNA-1	NA	NA		Os04g0162800	OsR498G0407600700.01.T01	
augustus-10-processed-gene-119.8-mRNA-1	NA	NA		Os04g0155000	OsR498G0407588200.01.T01	
augustus-10-processed-gene-124.2-mRNA-1	NA	NA		Os04g0147200	OsR498G0407555600.01.T01	
augustus-10-processed-gene-135.23-mRNA-1	NA	NA		Os04g0128400	OsR498G0407503200.01.T01	
augustus-10-processed-gene-141.13-mRNA-1	NA	NA		Os04g0115900		
augustus-10-processed-gene-145.37-mRNA-1	NA	NA		Os04g0109500	OsR498G0407445000.01.T01	L-type lectin-domain containing receptor kinase V.7
augustus-10-processed-gene-148.12-mRNA-1	NA	NA		Os04g0103900	OsR498G0407422800.01.T01	Chalcone synthase G
augustus-10-processed-gene-153.26-mRNA-1	NA	NA		0	OsR498G1018823300.01.T01	
augustus-10-processed-gene-154.0-mRNA-1	NA	NA		Os02g0212975	OsR498G0202873200.01.T01	
augustus-10-processed-gene-154.2-mRNA-1	NA	NA		Os07g0606000	OsR498G0101315000.01.T01	
augustus-10-processed-gene-162.0-mRNA-1	NA	NA		Os10g0463900	OsR498G1018861500.01.T01	Translation initiation factor IF-2-like
augustus-10-processed-gene-162.20-mRNA-1	NA	NA		Os10g0465700	OsR498G1018865300.01.T01	Beta-amylase 1, chloroplastic
augustus-10-processed-gene-17.15-mRNA-1	NA	Japonica		Os10g0122500	OsR498G1018066900.01.T01	Putative O-deacetyl/baccatin III-10-O-acetyltransferase
augustus-10-processed-gene-17.2-mRNA-1	NA	NA		Os10g0122000	OsR498G1018063500.01.T01	Glycosyltransferase
augustus-10-processed-gene-27.20-mRNA-1	NA	Indica		Os10g0137700	OsR498G1018116300.01.T01	F-box domain containing protein, expressed
augustus-10-processed-gene-27.24-mRNA-1	NA	NA				Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-10-processed-gene-28.44-mRNA-1	NA	Indica		Os10g0123200	OsR498G1018122500.01.T01	F-box domain containing protein, expressed
augustus-10-processed-gene-28.45-mRNA-1	NA	NA		Os10g0141600		F-box domain-containing protein
augustus-10-processed-gene-29.2-mRNA-1	NA	NA		Os10g0142500	OsR498G1018125100.01.T01	F-box domain containing protein, expressed
augustus-10-processed-gene-29.3-mRNA-1	NA	NA	Kinase	Os10g0142600	OsR498G1018125300.01.T01	Receptor-like protein kinase FERONIA
augustus-10-processed-gene-38.5-mRNA-1	NA	Japonica	Kinase-TM	Os10g0157400	OsR498G1018161300.01.T01	Putative cyclin-dependent kinase F-2
augustus-10-processed-gene-39.13-mRNA-1	NA	NA		Os10g0158700	OsR498G1018182700.01.T01	Fatty acyl-CoA reductase
augustus-10-processed-gene-47.2-mRNA-1	NA	NA		Os10g0165000	OsR498G1018231300.01.T01	Core-2/l-branching beta-16-N-acetylglucosaminyltransferase family protein
augustus-10-processed-gene-53.12-mRNA-1	NA	NA				

augustus-10-processed-gene-61.1-mRNA-1	NA	Indica		Os10g0351300	OsR498G1018303700.01.T01	Cytochrome P450 family protein, expressed
augustus-10-processed-gene-64.22-mRNA-1	NA	Indica		Os10g0190000	OsR498G1018319700.01.T01	UBC core domain-containing protein (Fragment)
augustus-10-processed-gene-65.2-mRNA-1	NA	NA		0	OsR498G0815762600.01.T01	
augustus-10-processed-gene-65.7-mRNA-1	NA	NA		Os10g0191900	OsR498G1018325900.01.T01	Nuclear factor Y transcription factor
augustus-10-processed-gene-66.26-mRNA-1	NA	NA		0	OsR498G0407827200.01.T01	Retrotransposon protein, putative, LINE subclass
augustus-10-processed-gene-72.25-mRNA-1	NA	NA				Retrotransposon protein, putative, unclassified
augustus-10-processed-gene-74.15-mRNA-1	NA	NA				Hydroxyproline-rich glycoprotein-like
augustus-10-processed-gene-78.14-mRNA-1	NA	NA				SAP domain-containing protein (Fragment)
augustus-10-processed-gene-79.1-mRNA-1	NA	NA				Endonuclease
augustus-10-processed-gene-79.5-mRNA-1	NA	NA		0	OsR498G0101349400.01.T01	Splicing coactivator subunit-like
augustus-10-processed-gene-80.22-mRNA-1	NA	Indica	Kinase-LRR-TM	Os11g0692100	OsR498G1018382300.01.T01	Leucine-rich repeat receptor kinase-type protein
augustus-10-processed-gene-84.25-mRNA-1	NA	NA		0	OsR498G1018392700.01.T01	
augustus-10-processed-gene-88.24-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-10-processed-gene-9.12-mRNA-1	NA	Indica	Kinase-TM	Os10g0152000	OsR498G1018033700.01.T01	Wall-associated receptor kinase 2
augustus-10-processed-gene-92.16-mRNA-1	NA	NA		0	OsR498G0101349400.01.T01	Splicing coactivator subunit-like
augustus-10-processed-gene-96.11-mRNA-1	NA	NA		0	OsR498G1018413900.01.T01	
augustus-10-processed-gene-98.1-mRNA-1	NA	NA		Os10g0317900	OsR498G1018420100.01.T01	Flavonoid 3'-monooxygenase
augustus-10-processed-gene-98.2-mRNA-1	NA	NA		0	OsR498G1018420500.01.T07	
augustus-11-processed-gene-0.21-mRNA-1	NA	NA		0	OsR498G1119277500.01.T02	
augustus-11-processed-gene-0.48-mRNA-1	NA	Indica		Os12g0118800	OsR498G1119298400.01.T01	RNase H domain-containing protein
augustus-11-processed-gene-0.51-mRNA-1	NA	Indica		Os12g0118800	OsR498G1119298400.01.T01	
augustus-11-processed-gene-147.18-mRNA-1	NA	NA		Os11g0490100	OsR498G1120164300.01.T01	Plant-specific domain TIGR01627 family protein
augustus-11-processed-gene-148.2-mRNA-1	NA	NA		Os11g0490300		Neurogenic protein mastermind
augustus-11-processed-gene-150.17-mRNA-1	NA	NA		0	OsR498G0713993600.01.T01	Transposon protein, putative, unclassified
augustus-11-processed-gene-150.38-mRNA-1	NA	NA		Os04g0184800	OsR498G0204883800.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-11-processed-gene-157.0-mRNA-1	NA	NA		Os07g0513300		Transposon protein, putative, Mutator sub-class, expressed
augustus-11-processed-gene-157.1-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-11-processed-gene-158.44-mRNA-1	NA	NA		Os01g0265300	OsR498G0100612800.01.T01	PMD domain-containing protein (Fragment)
augustus-11-processed-gene-16.32-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-11-processed-gene-161.17-mRNA-1	NA	NA		Os07g0513300		Transposon protein, putative, Mutator sub-class, expressed
augustus-11-processed-gene-163.11-mRNA-1	NA	NA		0	OsR498G1120235900.01.T03	Protein kinase domain-containing protein
augustus-11-processed-gene-168.13-mRNA-1	NA	NA		Os11g0532200		
augustus-11-processed-gene-180.30-mRNA-1	NA	NA	LRR-NBS-TM	Os11g0550500	OsR498G1120333300.01.T05	Disease resistance protein RPM1
augustus-11-processed-gene-186.19-mRNA-1	NA	NA		0	OsR498G0101028200.01.T01	
augustus-11-processed-gene-194.0-mRNA-1	NA	NA	CC-NBS-TM	Os11g0598300	OsR498G1120448400.01.T01	Leucine Rich Repeat family protein, expressed
augustus-11-processed-gene-199.11-mRNA-1	NA	NA		Os12g0468900	OsR498G0510503700.01.T01	Cell wall protein-like
augustus-11-processed-gene-206.5-mRNA-1	NA	Indica		Os07g0298700	OsR498G1119745100.01.T01	Cell wall protein-like
augustus-11-processed-gene-208.33-mRNA-1	NA	NA	NBS-TM	Os11g0605100		NB-ARC domain containing protein, expressed
augustus-11-processed-gene-21.19-mRNA-1	NA	NA		0	OsR498G1119455500.01.T01	
augustus-11-processed-gene-211.0-mRNA-1	NA	Japonica		Os11g0609900	OsR498G0204795800.01.T02	RNB domain-containing protein
augustus-11-processed-gene-211.12-mRNA-1	NA	Japonica		Os11g0609900	OsR498G0204795800.01.T02	RNB domain-containing protein
augustus-11-processed-gene-219.3-mRNA-1	NA	NA		Os11g0624000	OsR498G1120539100.01.T01	Kinesin-domain-containing protein
augustus-11-processed-gene-222.8-mRNA-1	NA	NA		0	OsR498G1120702200.01.T01	ATP-dependent DNA helicase
augustus-11-processed-gene-229.22-mRNA-1	NA	NA		Os11g0641300	OsR498G1120617100.01.T01	Laccase
augustus-11-processed-gene-229.9-mRNA-1	NA	NA	CC-LRR-NBS	Os11g0640700	OsR498G1120614900.01.T02	Leucine Rich Repeat family protein, expressed
augustus-11-processed-gene-230.17-mRNA-1	NA	Indica		Os11g0515000	OsR498G1120623900.01.T01	Armado/beta-catenin-like repeat family protein, expressed
augustus-11-processed-gene-230.18-mRNA-1	NA	NA		Os11g0643100	OsR498G1120624500.01.T01	Tryptamine hydroxycinnamoyl transferase
augustus-11-processed-gene-230.23-mRNA-1	NA	NA	LRR-TM	Os11g0644100	OsR498G1120628100.01.T01	Leucine-rich repeat receptor-like kinase protein THICK TASSEL DWARF1
augustus-11-processed-gene-24.14-mRNA-1	NA	NA		Os07g0693100	OsR498G1018918700.01.T01	Pyruvate decarboxylase
augustus-11-processed-gene-243.9-mRNA-1	NA	Japonica		Os11g0664133	OsR498G1120691200.01.T01	Cytokinin-regulated kinase-like
augustus-11-processed-gene-248.0-mRNA-1	NA	NA				Transposon protein, putative, CACTA, En/Spm sub-class
augustus-11-processed-gene-250.13-mRNA-1	NA	NA		Os08g0402700	OsR498G1221669700.01.T01	
augustus-11-processed-gene-252.35-mRNA-1	NA	NA	NBS-TM	Os11g0684100	OsR498G1120735400.01.T01	NBS-LRR disease resistance protein homologue-like
augustus-11-processed-gene-253.11-mRNA-1	NA	Indica		Os05g0479700	OsR498G1120733900.01.T01	NBS-LRR disease resistance protein homologue-like
augustus-11-processed-gene-256.22-mRNA-1	NA	NA	Kinase-TM	Os11g0691240	OsR498G1120759300.01.T01	Wall associated kinase-like
augustus-11-processed-gene-26.13-mRNA-1	NA	NA		Os07g0569100	OsR498G0714601400.01.T02	Remorin, C-terminal region
augustus-11-processed-gene-26.15-mRNA-1	NA	NA		Os11g0192400	OsR498G1119549500.01.T01	Pectinesterase
augustus-11-processed-gene-26.27-mRNA-1	NA	NA		Os11g0192500	OsR498G1119548300.01.T01	Pectinesterase
augustus-11-processed-gene-26.29-mRNA-1	NA	NA		Os11g0193800	OsR498G1119549700.01.T01	Pectinesterase
augustus-11-processed-gene-26.34-mRNA-1	NA	NA		Os11g0191800	OsR498G1119549700.01.T01	Pectinesterase
augustus-11-processed-gene-26.51-mRNA-1	NA	NA				Transposon protein, putative, CACTA, En/Spm sub-class

augustus-11-processed-gene-26.56-mRNA-1	NA	NA		Os11g0192400	OsR498G1119549500.01.T01	Pectinesterase
augustus-11-processed-gene-261.13-mRNA-1	NA	Indica		Os11g0701600	OsR498G1120763100.01.T01	Xylanase inhibitor protein 2
augustus-11-processed-gene-261.14-mRNA-1	NA	Indica		Os11g0701500	OsR498G1120763100.01.T01	Xylanase inhibitor protein 2
augustus-11-processed-gene-261.22-mRNA-1	NA	Japonica		Os11g0703000	OsR498G1221905100.01.T01	Pathogenesis-related protein 5
augustus-11-processed-gene-261.3-mRNA-1	NA	NA		Os11g0701400	OsR498G1120762700.01.T01	Xylanase inhibitor protein 2
augustus-11-processed-gene-262.22-mRNA-1	NA	NA		Os11g0705200	OsR498G1120771100.01.T01	GRAS transcription factor
augustus-11-processed-gene-40.28-mRNA-1	NA	Indica		Os11g0562100	OsR498G1119541700.01.T01	Terpene cyclase/mutase family member
augustus-11-processed-gene-41.20-mRNA-1	NA	NA		Os11g0194600	OsR498G1119545900.01.T01	PMEI domain-containing protein
augustus-11-processed-gene-41.22-mRNA-1	NA	NA		Os11g0192400	OsR498G1119549500.01.T01	Pectinesterase
augustus-11-processed-gene-41.23-mRNA-1	NA	Japonica		Os11g0194600	OsR498G1119545900.01.T01	PMEI domain-containing protein
augustus-11-processed-gene-43.45-mRNA-1	NA	Japonica	NBS-TM	Os11g0263000	OsR498G1119746200.01.T02	Similar to NBS-LRR disease resistance protein homologue
augustus-11-processed-gene-48.12-mRNA-1	NA	NA				Endonuclease
augustus-11-processed-gene-61.32-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-11-processed-gene-62.24-mRNA-1	NA	NA		Os11g0191800	OsR498G1119549700.01.T01	Pectinesterase
augustus-11-processed-gene-65.0-mRNA-1	NA	NA		0	OsR498G1119565900.01.T01	PGG domain-containing protein
augustus-11-processed-gene-67.13-mRNA-1	NA	NA		Os06g0272601	OsR498G0204300200.01.T01	
augustus-11-processed-gene-69.17-mRNA-1	NA	NA		Os11g0206600	OsR498G1119583900.01.T05	Mitochondrial transcription termination factor-like
augustus-11-processed-gene-75.40-mRNA-1	NA	Japonica		Os11g0214100	OsR498G1119617700.01.T01	Ribonuclease H
augustus-11-processed-gene-81.30-mRNA-1	NA	NA				
augustus-11-processed-gene-81.31-mRNA-1	NA	NA		0	OsR498G1221454800.01.T01	
augustus-11-processed-gene-83.15-mRNA-1	NA	NA	LRR-NBS-TM	Os11g0229400	OsR498G1119649900.01.T03	NBS-LRR type protein (Fragment)
augustus-11-processed-gene-83.16-mRNA-1	NA	Japonica	LRR-NBS-TM	Os11g0227800	OsR498G1119650700.01.T02	NBS-LRR type protein (Fragment)
augustus-12-processed-gene-1.57-mRNA-1	NA	NA		0	OsR498G1119275700.01.T01	PRESSED FLOWER a
augustus-12-processed-gene-113.8-mRNA-1	NA	Indica		Os12g0288600	OsR498G1221339400.01.T01	Coilin
augustus-12-processed-gene-114.41-mRNA-1	NA	NA		0	OsR498G1221348100.01.T02	Helicase and polymerase-containing protein TEBICHI
augustus-12-processed-gene-115.12-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-12-processed-gene-115.14-mRNA-1	NA	NA				RNA-directed DNA polymerase
augustus-12-processed-gene-12.45-mRNA-1	NA	NA		Os12g0124700	OsR498G1220863300.01.T01	Cell division control protein 45
augustus-12-processed-gene-12.47-mRNA-1	NA	NA		Os12g0125200		
augustus-12-processed-gene-123.17-mRNA-1	NA	Indica		Os12g0285100	OsR498G1221322300.01.T01	Disease resistance protein
augustus-12-processed-gene-133.13-mRNA-1	NA	NA		0	OsR498G1221406900.01.T01	
augustus-12-processed-gene-134.14-mRNA-1	NA	NA		0	OsR498G1221411100.01.T01	NAC domain-containing protein (Fragment)
augustus-12-processed-gene-138.17-mRNA-1	NA	NA		0	OsR498G1221436100.01.T01	Retrotransposon protein, putative, unclassified
augustus-12-processed-gene-139.33-mRNA-1	NA	NA		0	OsR498G0408153000.01.T01	Splicing coactivator subunit-like
augustus-12-processed-gene-14.53-mRNA-1	NA	NA		Os12g0127800	OsR498G1220872300.01.T01	VQ motif family protein, expressed
augustus-12-processed-gene-140.32-mRNA-1	NA	NA		0	OsR498G1221433700.01.T04	HECT-type E3 ubiquitin transferase
augustus-12-processed-gene-142.18-mRNA-1	NA	Indica		Os12g0431100	OsR498G1221439900.01.T01	Adenosinetriphosphatase
augustus-12-processed-gene-145.1-mRNA-1	NA	NA		Os11g0515000	OsR498G1120218800.01.T01	Armadillo/beta-catenin-like repeat family protein, expressed
augustus-12-processed-gene-146.12-mRNA-1	NA	NA		Os12g0432600	OsR498G1221448500.01.T01	Retrotransposon protein, putative, Ty1-copia subclass
augustus-12-processed-gene-159.7-mRNA-1	NA	NA		Os04g0120000	OsR498G0509881000.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-12-processed-gene-165.3-mRNA-1	NA	Japonica		Os12g0453500	OsR498G1221528600.01.T01	
augustus-12-processed-gene-167.22-mRNA-1	NA	Japonica		Os12g0456100	OsR498G1221540900.01.T05	Putative pentatricopeptide repeat-containing protein mitochondrial
augustus-12-processed-gene-170.7-mRNA-1	NA	NA				AT hook motif-containing protein, putative, expressed
augustus-12-processed-gene-175.12-mRNA-1	NA	Japonica		Os12g0467700	OsR498G1221572700.01.T01	Adenosinetriphosphatase
augustus-12-processed-gene-175.16-mRNA-1	NA	Japonica		Os12g0467700	OsR498G1221572700.01.T01	Adenosinetriphosphatase
augustus-12-processed-gene-175.2-mRNA-1	NA	Japonica		Os12g0467200	OsR498G1221571300.01.T01	
augustus-12-processed-gene-18.10-mRNA-1	NA	NA		Os12g0194400	OsR498G1221077900.01.T02	BZIP type transcription factor
augustus-12-processed-gene-2.4-mRNA-1	NA	NA		0	OsR498G1119280300.01.T01	IBR domain-containing protein
augustus-12-processed-gene-2.5-mRNA-1	NA	NA		0	OsR498G1119280500.01.T01	rRNA N-glycosidase
augustus-12-processed-gene-201.22-mRNA-1	NA	NA		Os08g0487300	OsR498G0204883800.01.T01	Transposon protein, putative, Mutator sub-class
augustus-12-processed-gene-209.10-mRNA-1	NA	NA	Kinase	0	OsR498G1221718300.01.T01	probable serine/threonine-protein kinase PIX13 isoform X2
augustus-12-processed-gene-211.34-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-12-processed-gene-215.8-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-12-processed-gene-216.15-mRNA-1	NA	NA		0	OsR498G1221761900.01.T01	FBD domain-containing protein
augustus-12-processed-gene-217.11-mRNA-1	NA	NA				Ribonuclease H-like domain, reverse transcriptase, RNA-dependent DNA pol
augustus-12-processed-gene-217.2-mRNA-1	NA	Indica		Os12g0535900	OsR498G1221764900.01.T01	Plus3 domain-containing protein (Fragment)
augustus-12-processed-gene-218.22-mRNA-1	NA	NA		Os12g0538600	OsR498G1221773900.01.T01	Glutaredoxin domain-containing protein (Fragment)
augustus-12-processed-gene-22.18-mRNA-1	NA	NA				Transposable element protein-like
augustus-12-processed-gene-223.16-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-12-processed-gene-224.14-mRNA-1	NA	NA		0	OsR498G1221823300.01.T05	
augustus-12-processed-gene-224.15-mRNA-1	NA	NA		Os12g0545900	OsR498G1221827700.01.T03	

augustus-12-processed-gene-226.12-mRNA-1	NA	NA		Os12g0548300	OsR498G1221839300.01.T03	Nucleoside diphosphate kinase
augustus-12-processed-gene-234.3-mRNA-1	NA	Indica		Os12g0563600	OsR498G1221888700.01.T01	26S proteasome non-ATPase regulatory subunit like
augustus-12-processed-gene-236.19-mRNA-1	NA	NA		0	OsR498G1221902300.01.T01	Protein kinase domain-containing protein
augustus-12-processed-gene-238.41-mRNA-1	NA	NA		Os12g0571800		
augustus-12-processed-gene-239.14-mRNA-1	NA	NA		Os03g0110200	OsR498G0101158000.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-12-processed-gene-240.10-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-12-processed-gene-242.0-mRNA-1	NA	NA		0	OsR498G0917889800.01.T02	Serine/threonine protein phosphatase 2A regulatory subunit
augustus-12-processed-gene-243.22-mRNA-1	NA	Indica		Os12g0580400	OsR498G1221944300.01.T01	Polyamine transporter like
augustus-12-processed-gene-243.28-mRNA-1	NA	NA		Os12g0580900	OsR498G1221945900.01.T01	Protein-serine/threonine phosphatase
augustus-12-processed-gene-243.42-mRNA-1	NA	NA		0	OsR498G1221946400.01.T01	inactive tyrosine-protein kinase PRAG1
augustus-12-processed-gene-245.1-mRNA-1	NA	NA		Os12g0582900		Ethylene-responsive transcription factor
augustus-12-processed-gene-245.13-mRNA-1	NA	NA		0	OsR498G1221960100.01.T01	
augustus-12-processed-gene-245.3-mRNA-1	NA	NA		Os12g0583300	OsR498G1221957900.01.T01	Aspartic proteinase nepenthesin-1
augustus-12-processed-gene-251.13-mRNA-1	NA	NA		0	OsR498G1222021700.01.T01	
augustus-12-processed-gene-255.25-mRNA-1	NA	NA		Os12g0600000	OsR498G1222046700.01.T08	
augustus-12-processed-gene-258.38-mRNA-1	NA	NA				Protein ROOT HAIR DEFECTIVE 3 homolog
augustus-12-processed-gene-260.7-mRNA-1	NA	NA		Os12g0607800	OsR498G1222076300.01.T01	DUF295 domain-containing protein
augustus-12-processed-gene-262.26-mRNA-1	NA	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class, expressed
augustus-12-processed-gene-274.19-mRNA-1	NA	NA	Kinase-LRR-TM	Os12g0632800	OsR498G1222161300.01.T01	Receptor-like protein kinase HAIKU2
augustus-12-processed-gene-275.34-mRNA-1	NA	NA		Os07g0104400	OsR498G0713366100.01.T01	Peroxidase
augustus-12-processed-gene-275.35-mRNA-1	NA	NA		Os07g0104500	OsR498G0713366700.01.T01	Peroxidase
augustus-12-processed-gene-275.36-mRNA-1	NA	NA		Os07g0104600	OsR498G0713367100.01.T01	Peroxidase
augustus-12-processed-gene-276.11-mRNA-1	NA	NA		Os07g0105800	OsR498G0713369900.01.T01	DUF4220 domain-containing protein (Fragment)
augustus-12-processed-gene-276.14-mRNA-1	NA	NA		Os07g0106900	OsR498G0713372700.01.T03	Dirigent protein (Fragment)
augustus-12-processed-gene-276.16-mRNA-1	NA	NA		Os07g0106900	OsR498G0713372700.01.T03	Dirigent protein (Fragment)
augustus-12-processed-gene-276.17-mRNA-1	NA	NA		Os07g0107100	OsR498G0713372900.01.T01	Dirigent protein (Fragment)
augustus-12-processed-gene-277.13-mRNA-1	NA	NA		Os07g0108800	OsR498G0713377900.01.T01	Outward-rectifying potassium channel
augustus-12-processed-gene-279.2-mRNA-1	NA	NA		0	OsR498G0713388900.01.T02	
augustus-12-processed-gene-279.20-mRNA-1	NA	NA		0	OsR498G0713391500.01.T01	
augustus-12-processed-gene-279.22-mRNA-1	NA	NA		Os07g0111700	OsR498G0713392100.01.T02	Flavin-containing monooxygenase
augustus-12-processed-gene-279.23-mRNA-1	NA	NA		Os07g0111900	OsR498G0713392900.01.T01	Flavin-containing monooxygenase
augustus-12-processed-gene-28.41-mRNA-1	NA	NA		Os12g0152200		DUF295 domain-containing protein
augustus-12-processed-gene-28.42-mRNA-1	NA	NA		0	OsR498G1220957500.01.T01	
augustus-12-processed-gene-28.43-mRNA-1	NA	Indica		Os03g0672700	OsR498G1220958300.01.T01	Myb-like protein O
augustus-12-processed-gene-28.45-mRNA-1	NA	NA		0	OsR498G1220958700.01.T01	
augustus-12-processed-gene-28.46-mRNA-1	NA	NA		Os12g0153600	OsR498G1220958900.01.T01	Luminal-binding protein-like
augustus-12-processed-gene-280.34-mRNA-1	NA	NA				AT hook motif-containing protein, putative
augustus-12-processed-gene-281.37-mRNA-1	NA	NA		0	OsR498G0713406900.01.T01	QWRF motif-containing protein 2-like
augustus-12-processed-gene-282.18-mRNA-1	NA	NA		Os04g0558900	OsR498G0409063100.01.T01	Serine protease
augustus-12-processed-gene-283.72-mRNA-1	NA	NA		Os04g0562500	OsR498G0204490700.01.T01	
augustus-12-processed-gene-285.36-mRNA-1	NA	NA		0	OsR498G1222106000.01.T05	
augustus-12-processed-gene-285.52-mRNA-1	NA	NA		Os04g0565200	OsR498G0409082100.01.T01	Glycosyltransferase
augustus-12-processed-gene-288.2-mRNA-1	NA	NA		Os04g0568700	OsR498G0409098300.01.T01	Heat-responsive transcription factor
augustus-12-processed-gene-29.25-mRNA-1	NA	NA		Os12g0154600	OsR498G1220961100.01.T01	TPT domain-containing protein
augustus-12-processed-gene-29.41-mRNA-1	NA	NA		Os12g0156000	OsR498G1220967900.01.T01	RING-type domain-containing protein
augustus-12-processed-gene-29.43-mRNA-1	NA	NA		Os12g0156100	OsR498G1220969300.01.T01	NAC domain-containing protein 90
augustus-12-processed-gene-30.28-mRNA-1	NA	NA		0	OsR498G0307024200.01.T01	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial
augustus-12-processed-gene-31.18-mRNA-1	NA	NA		Os12g0159400	OsR498G1220984300.01.T03	Protein kinase domain-containing protein
augustus-12-processed-gene-32.0-mRNA-1	NA	NA		Os12g0160000	OsR498G1220985700.01.T01	Classical arabinogalactan protein 5-like
augustus-12-processed-gene-41.1-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-12-processed-gene-46.4-mRNA-1	NA	NA		Os12g0187575		C2 domain-containing protein (Fragment)
augustus-12-processed-gene-50.15-mRNA-1	NA	NA		Os12g0194400	OsR498G1221077900.01.T02	BZIP type transcription factor
augustus-12-processed-gene-53.32-mRNA-1	NA	NA	CC-NBS-TM	Os12g0199100		Putative NB-ARC domain-containing protein (Fragment)
augustus-12-processed-gene-63.26-mRNA-1	NA	NA		Os02g0212975	OsR498G0305421900.01.T01	
augustus-12-processed-gene-65.10-mRNA-1	NA	NA		0	OsR498G0101531300.01.T02	Hydroxyproline-rich glycoprotein-like
augustus-12-processed-gene-67.0-mRNA-1	NA	NA				Ribonuclease G
augustus-12-processed-gene-68.13-mRNA-1	NA	NA		Os12g0222300		
augustus-12-processed-gene-68.16-mRNA-1	NA	Japonica	LRR-TM	Os12g0222800	OsR498G1221130500.01.T01	Leucine Rich Repeat family protein, expressed
augustus-12-processed-gene-68.17-mRNA-1	NA	Japonica	CC-LRR-TM	Os12g0222900	OsR498G1221134900.01.T01	Leucine Rich Repeat family protein, expressed
augustus-12-processed-gene-7.42-mRNA-1	NA	Japonica		Os12g0114400	OsR498G1220847000.01.T01	Pentatricopeptide, putative, expressed
augustus-12-processed-gene-87.36-mRNA-1	NA	Indica		Os12g0468900	OsR498G0100846800.01.T01	Cell wall protein-like

augustus-12-processed-gene-90.5-mRNA-1	NA	NA		Os12g0255701		
augustus-12-processed-gene-94.9-mRNA-1	NA	NA				Hydroxyproline-rich glycoprotein-like
augustus-12-processed-gene-99.4-mRNA-1	NA	NA		0	OsR498G0917372400.01.T01	BKRF1 encodes EBNA-1 protein-like
augustus-2-processed-gene-0.29-mRNA-1	NA	NA		Os02g0100600	OsR498G0202798700.01.T01	Fe2OG dioxygenase domain-containing protein
augustus-2-processed-gene-0.42-mRNA-1	NA	NA		0	OsR498G0202799400.01.T01	Transcriptional regulator SUPERMAN
augustus-2-processed-gene-1.8-mRNA-1	NA	NA		0	OsR498G0202802400.01.T02	E3 ubiquitin-protein ligase UPL3
augustus-2-processed-gene-10.1-mRNA-1	NA	NA	CC-NBS-TM			Truncated Sr21
augustus-2-processed-gene-10.15-mRNA-1	NA	NA		Os02g0119000	OsR498G0202857500.01.T01	Truncated Sr21
augustus-2-processed-gene-10.28-mRNA-1	NA	NA		Os02g0119700	OsR498G0202860400.01.T05	Pentatricopeptide repeat-containing protein-like
augustus-2-processed-gene-105.19-mRNA-1	NA	NA		0	OsR498G0917374600.01.T01	
augustus-2-processed-gene-107.15-mRNA-1	NA	NA		0	OsR498G0203428800.01.T01	60S ribosomal protein L27
augustus-2-processed-gene-107.4-mRNA-1	NA	NA		Os02g0284500		
augustus-2-processed-gene-108.24-mRNA-1	NA	NA		Os02g0286200	OsR498G0203432300.01.T01	Dynamin-related protein 5A isoform B
augustus-2-processed-gene-108.31-mRNA-1	NA	NA		Os02g0285900		NAC domain-containing protein
augustus-2-processed-gene-108.32-mRNA-1	NA	NA		0	OsR498G0203432000.01.T01	NAC domain-containing protein
augustus-2-processed-gene-109.13-mRNA-1	NA	Japonica		Os02g0288200	OsR498G0203439500.01.T01	
augustus-2-processed-gene-109.15-mRNA-1	NA	NA		0	OsR498G0203443100.01.T01	F-box domain-containing protein (Fragment)
augustus-2-processed-gene-109.8-mRNA-1	NA	NA		Os02g0287900	OsR498G0203438600.01.T01	F-box domain-containing protein (Fragment)
augustus-2-processed-gene-109.9-mRNA-1	NA	NA		Os02g0288000	OsR498G0203438800.01.T02	F-box domain-containing protein (Fragment)
augustus-2-processed-gene-11.65-mRNA-1	NA	Indica		Os03g0132300	OsR498G0202868300.01.T04	
augustus-2-processed-gene-11.67-mRNA-1	NA	NA		Os02g0121900	OsR498G0202869700.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
augustus-2-processed-gene-114.7-mRNA-1	NA	Japonica		Os02g0297200	OsR498G0203489200.01.T01	DUF4220 domain-containing protein (Fragment)
augustus-2-processed-gene-13.52-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-2-processed-gene-139.1-mRNA-1	NA	NA		Os10g0162300		C2H2-type domain-containing protein
augustus-2-processed-gene-14.10-mRNA-1	NA	NA		Os02g0126500	OsR498G0202882900.01.T04	Calcium-dependent protein kinase 16
augustus-2-processed-gene-15.36-mRNA-1	NA	NA				ADP-ribosylation factor, putative, expressed
augustus-2-processed-gene-15.53-mRNA-1	NA	Indica		Os02g0129600	OsR498G0202895300.01.T05	Beta-amylase
augustus-2-processed-gene-15.67-mRNA-1	NA	NA		0	OsR498G0202896000.01.T02	
augustus-2-processed-gene-15.68-mRNA-1	NA	NA	CC-TM	Os02g0129800		Response to low sulfur 3
augustus-2-processed-gene-158.24-mRNA-1	NA	NA		0	OsR498G0203751900.01.T06	PORR domain-containing protein (Fragment)
augustus-2-processed-gene-158.28-mRNA-1	NA	Indica		Os12g0506100	OsR498G0203753500.01.T01	
augustus-2-processed-gene-158.36-mRNA-1	NA	Japonica		Os02g0463700	OsR498G0203750400.01.T01	ATP-dependent DNA helicase
augustus-2-processed-gene-159.16-mRNA-1	NA	NA		Os02g0466400	OsR498G0203760300.01.T01	Inositol-tetrakisphosphate 1-kinase
augustus-2-processed-gene-159.27-mRNA-1	NA	NA		Os02g0465600	OsR498G0203757400.01.T01	Kelch repeat-containing F-box-like protein
augustus-2-processed-gene-159.32-mRNA-1	NA	NA		0	OsR498G0203761600.01.T02	
augustus-2-processed-gene-16.0-mRNA-1	NA	NA		Os02g0129900	OsR498G0202897300.01.T01	PGAP1 domain-containing protein
augustus-2-processed-gene-16.12-mRNA-1	NA	NA		0	OsR498G0202902100.01.T01	Putative heat shock protein (Fragment)
augustus-2-processed-gene-16.14-mRNA-1	NA	NA		Os02g0131600	OsR498G0202903900.01.T01	Mitochondrial import receptor subunit TOM9-2 like
augustus-2-processed-gene-16.23-mRNA-1	NA	NA		Os02g0131000	OsR498G0202901600.01.T01	
augustus-2-processed-gene-160.13-mRNA-1	NA	NA		0	OsR498G0203766700.01.T01	Wax synthase isoform 1
augustus-2-processed-gene-160.16-mRNA-1	NA	Japonica		Os02g0468500	OsR498G0203768900.01.T01	Fertility restorer homologue A-like
augustus-2-processed-gene-161.34-mRNA-1	NA	NA		Os02g0469000	OsR498G0203772700.01.T01	
augustus-2-processed-gene-161.38-mRNA-1	NA	NA		Os02g0468800	OsR498G0203772600.01.T01	Selenium binding protein-like protein
augustus-2-processed-gene-165.7-mRNA-1	NA	NA		Os08g0487300	OsR498G0816350400.01.T01	Transposon protein, putative, Mutator sub-class
augustus-2-processed-gene-166.21-mRNA-1	NA	NA	LRR-TM	0	OsR498G0203803900.01.T01	NB-ARC domain-containing protein
augustus-2-processed-gene-17.56-mRNA-1	NA	NA		Os02g0132500	OsR498G0202907000.01.T03	basic leucine zipper 43
augustus-2-processed-gene-17.59-mRNA-1	NA	NA		0	OsR498G0202908600.01.T01	
augustus-2-processed-gene-173.18-mRNA-1	NA	NA		Os02g0489500	OsR498G0203838700.01.T01	S-adenosyl-L-methionine-dependent methyltransferases superfamily protein
augustus-2-processed-gene-18.45-mRNA-1	NA	NA				SMC hinge domain-containing protein
augustus-2-processed-gene-18.61-mRNA-1	NA	NA		Os02g0134200	OsR498G0202913200.01.T01	
augustus-2-processed-gene-185.27-mRNA-1	NA	Japonica		Os02g0507900	OsR498G1018954900.01.T01	Harpin-induced protein-related-like
augustus-2-processed-gene-187.10-mRNA-1	NA	Japonica		Os02g0511400	OsR498G0203905300.01.T04	Cis-2,3-dihydrobiphenyl-2,3-diol dehydrogenase
augustus-2-processed-gene-19.45-mRNA-1	NA	NA		Os02g0135800	OsR498G0202919300.01.T04	Protein transport protein SEC13 homolog B
augustus-2-processed-gene-19.46-mRNA-1	NA	Indica		Os09g0125100	OsR498G0202919500.01.T01	CUE domain-containing protein
augustus-2-processed-gene-19.49-mRNA-1	NA	NA		0	OsR498G0612390800.01.T01	DUF834 domain-containing protein
augustus-2-processed-gene-19.68-mRNA-1	NA	NA		Os02g0136800	OsR498G0202924400.01.T04	Protein kinase domain-containing protein
augustus-2-processed-gene-196.28-mRNA-1	NA	NA		Os02g0524600	OsR498G0203968000.01.T02	WD repeat-containing protein LWD1
augustus-2-processed-gene-196.31-mRNA-1	NA	NA		Os02g0525100	OsR498G0203968800.01.T01	
augustus-2-processed-gene-197.24-mRNA-1	NA	NA		Os02g0526600	OsR498G0203974100.01.T01	PORR domain-containing protein (Fragment)
augustus-2-processed-gene-197.27-mRNA-1	NA	NA		Os02g0526700	OsR498G0203975000.01.T01	
augustus-2-processed-gene-198.0-mRNA-1	NA	NA		Os02g0527900	OsR498G0203980700.01.T01	PAN domain-containing protein (Fragment)

augustus-2-processed-gene-198.32-mRNA-1	NA	NA		0	OsR498G0203982600.01.T02	Virion core protein
augustus-2-processed-gene-199.33-mRNA-1	NA	NA		Os02g0529600	OsR498G0203986200.01.T04	probable xyloglucan 6-xylosyltransferase 5
augustus-2-processed-gene-199.39-mRNA-1	NA	Japonica		Os02g0530500	OsR498G0408521900.01.T01	Protein LITTLE ZIPPER 4
augustus-2-processed-gene-20.13-mRNA-1	NA	NA		Os02g0137600	OsR498G0202926700.01.T01	Methyltransferase-like protein 15
augustus-2-processed-gene-201.47-mRNA-1	NA	NA		Os02g0534000	OsR498G0204000400.01.T01	Putative suppressor protein SRP40
augustus-2-processed-gene-201.65-mRNA-1	NA	NA		0	OsR498G0204005400.01.T01	PMEI domain-containing protein (Fragment)
augustus-2-processed-gene-202.13-mRNA-1	NA	NA		Os02g0536400	OsR498G0204010100.01.T06	RRM domain-containing protein
augustus-2-processed-gene-204.24-mRNA-1	NA	NA		0	OsR498G1119312200.01.T01	
augustus-2-processed-gene-204.31-mRNA-1	NA	Indica		Os05g0578100	OsR498G0204021400.01.T01	
augustus-2-processed-gene-204.42-mRNA-1	NA	NA		Os02g0539500	OsR498G0204025500.01.T01	VQ motif-containing protein 8, chloroplastic
augustus-2-processed-gene-204.58-mRNA-1	NA	NA		Os02g0539200	OsR498G0204023600.01.T01	RING-type E3 ubiquitin transferase
augustus-2-processed-gene-205.0-mRNA-1	NA	NA		Os02g0540000		E3 ubiquitin-protein ligase ATL4
augustus-2-processed-gene-205.10-mRNA-1	NA	Japonica		Os02g0540700	OsR498G0408554900.01.T01	RING-type E3 ubiquitin transferase
augustus-2-processed-gene-205.12-mRNA-1	NA	NA		Os02g0541000		
augustus-2-processed-gene-205.22-mRNA-1	NA	NA		0	OsR498G0611633900.01.T01	
augustus-2-processed-gene-206.18-mRNA-1	NA	NA		Os02g0542400	OsR498G0204039900.01.T01	Putative WRKY transcription factor protein 1
augustus-2-processed-gene-206.41-mRNA-1	NA	Japonica		Os02g0543300	OsR498G0204043600.01.T01	Tr-type G domain-containing protein (Fragment)
augustus-2-processed-gene-206.46-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-2-processed-gene-209.19-mRNA-1	NA	NA		Os01g0797800	OsR498G0102143100.01.T01	Galactose oxidase/kelch repeat superfamily protein, putative
augustus-2-processed-gene-212.53-mRNA-1	NA	Indica		Os02g0552200	OsR498G0204097400.01.T01	
augustus-2-processed-gene-213.1-mRNA-1	NA	NA		0	OsR498G0511458200.01.T01	
augustus-2-processed-gene-221.29-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus-2-processed-gene-222.18-mRNA-1	NA	NA		Os02g0571300	OsR498G0204151800.01.T05	Ent-isokaurene synthase
augustus-2-processed-gene-223.24-mRNA-1	NA	NA		Os02g0571900	OsR498G0204154400.01.T01	Oryzaalexin E synthase
augustus-2-processed-gene-223.41-mRNA-1	NA	NA		Os02g0572900		Protein SENSITIVE TO PROTON RHIZOTOXICITY like
augustus-2-processed-gene-225.20-mRNA-1	NA	NA		Os02g0575700	OsR498G0204166900.01.T01	Putative WRKY transcription factor 19
augustus-2-processed-gene-229.20-mRNA-1	NA	NA		Os11g0519100		
augustus-2-processed-gene-229.46-mRNA-1	NA	Japonica		Os03g0721001	OsR498G0204171500.01.T01	
augustus-2-processed-gene-23.24-mRNA-1	NA	Indica		Os02g0144800	OsR498G0202945800.01.T01	
augustus-2-processed-gene-23.27-mRNA-1	NA	NA		0	OsR498G0202950300.01.T03	Suppressor of auxin resistance
augustus-2-processed-gene-23.31-mRNA-1	NA	Japonica		Os02g0142800	OsR498G0815259700.01.T01	Protein kinase domain-containing protein
augustus-2-processed-gene-230.26-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-2-processed-gene-231.22-mRNA-1	NA	NA		Os02g0589400	OsR498G0204208400.01.T01	Indole-3-acetate beta-glucosyltransferase
augustus-2-processed-gene-232.18-mRNA-1	NA	Japonica		Os02g0590250	OsR498G0204209400.01.T01	Lecithin-cholesterol acyltransferase-like 1
augustus-2-processed-gene-233.64-mRNA-1	NA	NA		Os02g0592600	OsR498G0204219300.01.T08	PMD domain-containing protein
augustus-2-processed-gene-234.36-mRNA-1	NA	NA		Os02g0594300		Ethylene-responsive transcription factor LEP
augustus-2-processed-gene-234.47-mRNA-1	NA	NA		0	OsR498G0204226400.01.T01	Plant disease resistance polypeptide-like
augustus-2-processed-gene-235.26-mRNA-1	NA	Indica		Os02g0596300	OsR498G0204237200.01.T02	Cytochrome P450 family 86 subfamily C polypeptide 1
augustus-2-processed-gene-236.44-mRNA-1	NA	NA		Os02g0598600	OsR498G0204244400.01.T01	F-box domain-containing protein
augustus-2-processed-gene-237.21-mRNA-1	NA	Indica		Os02g0601600	OsR498G0204251700.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus-2-processed-gene-237.34-mRNA-1	NA	NA		0	OsR498G0204249800.01.T01	
augustus-2-processed-gene-24.18-mRNA-1	NA	NA		Os02g0144200	OsR498G0202957700.01.T01	Arginyl-tRNA synthetase
augustus-2-processed-gene-24.2-mRNA-1	NA	Indica		Os02g0144800	OsR498G0202945800.01.T01	
augustus-2-processed-gene-240.55-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus-2-processed-gene-245.29-mRNA-1	NA	NA		Os06g0272601	OsR498G0204300200.01.T01	dNK domain-containing protein
augustus-2-processed-gene-245.30-mRNA-1	NA	NA		0	OsR498G0305903000.01.T11	Beta-secretase 2
augustus-2-processed-gene-245.35-mRNA-1	NA	NA				ATP-dependent DNA helicase
augustus-2-processed-gene-246.15-mRNA-1	NA	NA	LRR-TM	0	OsR498G0204306700.01.T01	Leucine-rich repeat-like protein
augustus-2-processed-gene-247.15-mRNA-1	NA	Indica	LRR-TM	Os02g0615300	OsR498G0204309700.01.T01	Putative LRR receptor-like serine/threonine-protein kinase (Fragment)
augustus-2-processed-gene-247.24-mRNA-1	NA	NA		Os02g0614800		
augustus-2-processed-gene-25.11-mRNA-1	NA	NA		Os02g0144800	OsR498G0202960700.01.T01	Arginyl-tRNA synthetase
augustus-2-processed-gene-252.14-mRNA-1	NA	Indica		Os02g0616800	OsR498G0204322200.01.T01	rRNA N-glycosidase
augustus-2-processed-gene-254.22-mRNA-1	NA	NA		0	OsR498G0204330800.01.T01	
augustus-2-processed-gene-254.25-mRNA-1	NA	NA		0	OsR498G0204331200.01.T01	
augustus-2-processed-gene-255.22-mRNA-1	NA	NA		Os02g0622200	OsR498G0204339200.01.T03	Phosphatidylinositol N-acetylglucosaminyltransferase subunit C
augustus-2-processed-gene-259.14-mRNA-1	NA	Indica		Os02g0630000	OsR498G0204366500.01.T01	F-box domain-containing protein (Fragment)
augustus-2-processed-gene-259.25-mRNA-1	NA	NA	Kinase-LRR-TM	Os02g0629400	OsR498G0204364800.01.T01	Phytosulfokine receptor 1
augustus-2-processed-gene-259.28-mRNA-1	NA	NA		0	OsR498G0204366400.01.T01	ABC transporter domain-containing protein
augustus-2-processed-gene-259.5-mRNA-1	NA	Indica		Os02g0628800	OsR498G0204362400.01.T02	Ubiquitin-like protein 5
augustus-2-processed-gene-260.21-mRNA-1	NA	NA		Os02g0631100	OsR498G0204370100.01.T03	
augustus-2-processed-gene-261.22-mRNA-1	NA	NA				Endonuclease

augustus-2-processed-gene-261.6-mRNA-1	NA	NA	Kinase-TM	Os02g0632800	OsR498G0204378000.01.T02	Wall-associated receptor kinase-like protein 9
augustus-2-processed-gene-262.62-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus-2-processed-gene-268.46-mRNA-1	NA	NA		Os08g0561800	OsR498G1120733700.01.T01	4-diphosphocytidyl-2C-methyl-D-erythritol synthase
augustus-2-processed-gene-27.49-mRNA-1	NA	NA		Os02g0147600	OsR498G0202969600.01.T01	
augustus-2-processed-gene-271.41-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-2-processed-gene-29.29-mRNA-1	NA	NA		Os02g0151000	OsR498G0202983100.01.T04	Pentatricopeptide repeat
augustus-2-processed-gene-29.41-mRNA-1	NA	NA		Os02g0152200	OsR498G0202986100.01.T03	DEAD-box ATP-dependent RNA helicase 1
augustus-2-processed-gene-296.39-mRNA-1	NA	NA		Os12g0468900	OsR498G0917373300.01.T01	Cell wall protein-like
augustus-2-processed-gene-310.13-mRNA-1	NA	NA		Os02g0727700	OsR498G0204691300.01.T01	RING-type E3 ubiquitin transferase
augustus-2-processed-gene-32.0-mRNA-1	NA	NA		Os09g0445700	OsR498G1120168800.01.T01	Universal stress protein family protein
augustus-2-processed-gene-32.1-mRNA-1	NA	Japonica		Os02g0452800	OsR498G0409507600.01.T01	Epimerase domain-containing protein
augustus-2-processed-gene-322.11-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-2-processed-gene-322.15-mRNA-1	NA	NA		Os06g0683950	OsR498G0613203000.01.T01	Armadillo/beta-catenin repeat protein-like
augustus-2-processed-gene-322.25-mRNA-1	NA	NA		Os06g0685100	OsR498G0613204700.01.T01	COBRA-like protein 7
augustus-2-processed-gene-322.32-mRNA-1	NA	NA		Os06g0683900	OsR498G0613202700.01.T01	
augustus-2-processed-gene-323.48-mRNA-1	NA	NA		Os06g0683400	OsR498G0613200700.01.T01	EF-hand Ca2+-binding protein CCD1
augustus-2-processed-gene-323.73-mRNA-1	NA	NA		Os06g0114366	OsR498G0613198100.01.T01	Selenium-binding protein-like
augustus-2-processed-gene-325.28-mRNA-1	NA	NA		0	OsR498G0613182600.01.T01	Peroxisomal membrane protein 11D-like isoform X1
augustus-2-processed-gene-325.52-mRNA-1	NA	NA		Os06g0678500	OsR498G0613180100.01.T01	
augustus-2-processed-gene-326.17-mRNA-1	NA	NA		Os06g0676700	OsR498G0613171300.01.T01	Glycosyl hydrolase family 31 protein
augustus-2-processed-gene-326.6-mRNA-1	NA	NA		Os06g0677600	OsR498G0613174000.01.T02	Sm domain-containing protein (Fragment)
augustus-2-processed-gene-327.23-mRNA-1	NA	NA		Os06g0675700	OsR498G0613167000.01.T02	Putative alpha-glucosidase
augustus-2-processed-gene-327.30-mRNA-1	NA	NA		Os06g0675200	OsR498G0613165600.01.T01	Zinc finger CCCH domain-containing protein 18-like
augustus-2-processed-gene-328.13-mRNA-1	NA	NA		Os06g0672400	OsR498G0613158400.01.T03	ALOG domain transcriptional regulator family protein 7-6B
augustus-2-processed-gene-330.55-mRNA-1	NA	NA		0	OsR498G0613144800.01.T01	BTB/POZ and MATH domain-containing protein 2
augustus-2-processed-gene-330.61-mRNA-1	NA	NA		Os06g0668400	OsR498G0613142000.01.T01	BTB domain-containing protein (Fragment)
augustus-2-processed-gene-331.10-mRNA-1	NA	NA		Os01g0235900	OsR498G0409198000.01.T01	Glutaredoxin domain-containing protein
augustus-2-processed-gene-331.17-mRNA-1	NA	NA		Os11g0205500	OsR498G1119581200.01.T01	
augustus-2-processed-gene-331.29-mRNA-1	NA	NA		Os06g0667100	OsR498G0613137700.01.T01	Nuclear transcription factor Y subunit C
augustus-2-processed-gene-331.30-mRNA-1	NA	NA	Kinase-LRR-TM	Os06g0667000	OsR498G0613137300.01.T01	Protein kinase domain-containing protein (Fragment)
augustus-2-processed-gene-331.33-mRNA-1	NA	NA		Os06g0666500	OsR498G0613134900.01.T01	RING-H2 finger protein ATLSB
augustus-2-processed-gene-331.34-mRNA-1	NA	NA		Os06g0666400	OsR498G0613133500.01.T01	VQ motif-containing protein 22
augustus-2-processed-gene-333.51-mRNA-1	NA	NA		Os06g0665100	OsR498G0613124600.01.T01	Haloacid dehalogenase/epoxide hydrolase
augustus-2-processed-gene-334.18-mRNA-1	NA	NA		Os06g0663300	OsR498G0613118400.01.T01	Expansin-like CBD domain-containing protein
augustus-2-processed-gene-334.32-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0613116800.01.T01	Pollen receptor-like kinase 4
augustus-2-processed-gene-334.34-mRNA-1	NA	NA		Os06g0662500	OsR498G0613116400.01.T01	Expansin-like CBD domain-containing protein
augustus-2-processed-gene-334.37-mRNA-1	NA	NA		Os06g0662800		Expansin-like CBD domain-containing protein
augustus-2-processed-gene-334.39-mRNA-1	NA	NA		Os06g0662600	OsR498G0613115200.01.T01	Expansin-like CBD domain-containing protein
augustus-2-processed-gene-334.41-mRNA-1	NA	NA		Os06g0662300	OsR498G0613113600.01.T01	Expansin-like CBD domain-containing protein
augustus-2-processed-gene-334.42-mRNA-1	NA	NA		Os06g0655200	OsR498G0613113200.01.T01	Expansin-like CBD domain-containing protein
augustus-2-processed-gene-335.9-mRNA-1	NA	NA		Os06g0661600	OsR498G0613111100.01.T02	DPH-type MB domain-containing protein (Fragment)
augustus-2-processed-gene-336.0-mRNA-1	NA	NA		Os06g0659800	OsR498G0613104200.01.T02	tRNA(adenine(34)) deaminase
augustus-2-processed-gene-341.11-mRNA-1	NA	NA		Os02g0755400	OsR498G0204800300.01.T03	Putative RNA-binding protein ARP1
augustus-2-processed-gene-341.13-mRNA-1	NA	NA		Os02g0755200	OsR498G0204800000.01.T01	SWIRM domain-containing protein (Fragment)
augustus-2-processed-gene-341.38-mRNA-1	NA	NA		Os02g0756200	OsR498G0204802800.01.T01	Phosphate-induced protein
augustus-2-processed-gene-341.39-mRNA-1	NA	NA		Os02g0756600	OsR498G0204803000.01.T01	Phi-1-like phosphate-induced protein
augustus-2-processed-gene-341.40-mRNA-1	NA	NA		Os02g0756800	OsR498G0204803600.01.T01	Phi-1-like phosphate-induced protein
augustus-2-processed-gene-342.13-mRNA-1	NA	NA		Os06g0658200		
augustus-2-processed-gene-343.0-mRNA-1	NA	NA		Os06g0656800	OsR498G0613093400.01.T01	Fasciclin-like arabinogalactan protein 8
augustus-2-processed-gene-343.22-mRNA-1	NA	NA		Os06g0655500	OsR498G0613088000.01.T01	F-box protein AFR
augustus-2-processed-gene-343.9-mRNA-1	NA	NA		Os06g0656300	OsR498G0613091300.01.T04	
augustus-2-processed-gene-344.22-mRNA-1	NA	NA		Os06g0655200	OsR498G0613087200.01.T01	Expansin-like CBD domain-containing protein
augustus-2-processed-gene-344.40-mRNA-1	NA	NA		Os06g0653800	OsR498G0613081000.01.T01	U5 small nuclear ribonucleoprotein 40 kDa protein isoform X1
augustus-2-processed-gene-345.33-mRNA-1	NA	NA		Os06g0653000	OsR498G0613079500.01.T01	Aldehyde oxygenase (deformylating)
augustus-2-processed-gene-345.51-mRNA-1	NA	NA		Os06g0652400	OsR498G0613077300.01.T01	GDP-L-fucose synthase
augustus-2-processed-gene-345.52-mRNA-1	NA	NA		Os06g0652100	OsR498G0613076300.01.T01	Vacuolar protein sorting-associated protein 26A-like
augustus-2-processed-gene-346.53-mRNA-1	NA	NA		Os06g0649700	OsR498G0613069100.01.T01	DOMON domain-containing protein
augustus-2-processed-gene-348.49-mRNA-1	NA	NA		Os06g0647200	OsR498G0613060500.01.T01	Two-component response regulator like
augustus-2-processed-gene-348.62-mRNA-1	NA	NA		Os06g0646100		DNA ligase (Fragment)
augustus-2-processed-gene-349.76-mRNA-1	NA	NA				S-acyltransferase
augustus-2-processed-gene-349.77-mRNA-1	NA	NA		Os06g0644300		Putative NBS-LRR disease resistance protein

augustus-2-processed-gene-35.58-mRNA-1	NA	NA		Os02g0164900	OsR498G0203029300.01.T01	Auxin response factor
augustus-2-processed-gene-35.72-mRNA-1	NA	NA		Os02g0165000	OsR498G0203029600.01.T03	RING-CH-type domain-containing protein (Fragment)
augustus-2-processed-gene-350.20-mRNA-1	NA	NA		Os06g0643500	OsR498G0613047900.01.T01	36.4 kDa proline-rich protein isoform X1
augustus-2-processed-gene-350.9-mRNA-1	NA	NA				Phox (PX) domain-containing protein
augustus-2-processed-gene-351.7-mRNA-1	NA	NA		Os11g0635500	OsR498G0613043700.01.T01	Ent-cassadiene C2-hydroxylase (Fragment)
augustus-2-processed-gene-353.11-mRNA-1	NA	NA		Os02g0754300	OsR498G0204795900.01.T01	50S ribosomal protein L29 chloroplastic
augustus-2-processed-gene-353.7-mRNA-1	NA	NA		Os02g0753400	OsR498G0204793700.01.T01	Proteoglycan 4 C-terminal part like
augustus-2-processed-gene-354.28-mRNA-1	NA	NA		Os02g0755200	OsR498G0204800000.01.T01	SWIRM domain-containing protein (Fragment)
augustus-2-processed-gene-354.46-mRNA-1	NA	NA		Os02g0756200	OsR498G0204802800.01.T01	Phosphate-induced protein
augustus-2-processed-gene-354.47-mRNA-1	NA	NA		Os02g0756600	OsR498G0204803000.01.T01	Phi-1-like phosphate-induced protein
augustus-2-processed-gene-354.48-mRNA-1	NA	NA		Os02g0756800	OsR498G0204803600.01.T01	Phi-1-like phosphate-induced protein
augustus-2-processed-gene-36.8-mRNA-1	NA	NA		Os02g0165500	OsR498G0203033100.01.T01	Zinc finger CCH domain-containing protein 18-like
augustus-2-processed-gene-37.57-mRNA-1	NA	Indica		Os06g0671150	OsR498G0203043100.01.T03	Auxin responsive protein-like
augustus-2-processed-gene-37.60-mRNA-1	NA	Japonica		Os02g0168000	OsR498G0203044100.01.T04	Urease accessory protein UreF
augustus-2-processed-gene-381.25-mRNA-1	NA	NA		Os02g0808500		
augustus-2-processed-gene-383.42-mRNA-1	NA	Japonica		Os02g0812700	OsR498G0204994700.01.T01	Phloem-specific lectin
augustus-2-processed-gene-385.69-mRNA-1	NA	NA		Os02g0815600	OsR498G0205002600.01.T01	2-(3-amino-3-carboxypropyl)histidine synthase subunit 1
augustus-2-processed-gene-390.40-mRNA-1	NA	Japonica		Os02g0825700	OsR498G0205034700.01.T03	F-box domain-containing protein
augustus-2-processed-gene-390.41-mRNA-1	NA	Indica		Os02g0825100	OsR498G0205034700.01.T02	F-box domain-containing protein
augustus-2-processed-gene-392.5-mRNA-1	NA	NA		Os09g0562400	OsR498G0101823900.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-2-processed-gene-393.161-mRNA-1	NA	NA		Os02g0815600	OsR498G0205002600.01.T01	2-(3-amino-3-carboxypropyl)histidine synthase subunit 1
augustus-2-processed-gene-44.48-mRNA-1	NA	Japonica		Os02g0179600	OsR498G0613076300.01.T01	
augustus-2-processed-gene-5.24-mRNA-1	NA	Japonica		Os02g0108900	OsR498G0202827500.01.T01	SEC63 domain-containing protein
augustus-2-processed-gene-55.14-mRNA-1	NA	Indica		Os06g0609700	OsR498G0203157500.01.T04	Alpha/beta-Hydrolases superfamily protein
augustus-2-processed-gene-55.24-mRNA-1	NA	NA		0	OsR498G0203156600.01.T01	Chlorophyll a-b binding protein, chloroplastic
augustus-2-processed-gene-56.51-mRNA-1	NA	NA	CC-NBS-TM	0	OsR498G0203162900.01.T01	NB-ARC domain-containing protein
augustus-2-processed-gene-56.64-mRNA-1	NA	NA		Os02g0198900	OsR498G0203161400.01.T02	Ribosomal protein L12/ ATP-dependent Clp protease adaptor protein ClpS family
augustus-2-processed-gene-56.66-mRNA-1	NA	NA		Os02g0199600		F-box domain-containing protein
augustus-2-processed-gene-64.16-mRNA-1	NA	NA				
augustus-2-processed-gene-66.4-mRNA-1	NA	NA		Os02g0216300		
augustus-2-processed-gene-68.41-mRNA-1	NA	NA		Os02g0204100		Tetratricopeptide repeat (TPR)-like superfamily protein
augustus-2-processed-gene-72.60-mRNA-1	NA	Japonica		Os02g0226801	OsR498G0612770700.01.T01	Abscisic acid receptor 2
augustus-2-processed-gene-74.10-mRNA-1	NA	NA		Os02g0229400	OsR498G0203272500.01.T04	Monosaccharide-sensing protein 2
augustus-2-processed-gene-9.69-mRNA-1	NA	NA	Kinase-LRR-TM	Os02g0116700	OsR498G0202850700.01.T01	Phytosulfokine receptor 1
augustus-2-processed-gene-9.97-mRNA-1	NA	NA		Os02g0118000	OsR498G0202853400.01.T01	Pentatricopeptide repeat
augustus-2-processed-gene-93.20-mRNA-1	NA	NA		Os02g0263432		NB-ARC domain-containing protein (Fragment)
augustus-2-processed-gene-94.27-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-2-processed-gene-98.19-mRNA-1	NA	Indica		Os02g0270933	OsR498G0203388600.01.T02	Subtilisin-like protease
augustus-3-processed-gene-0.50-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-3-processed-gene-116.15-mRNA-1	NA	NA		Os12g0468900	OsR498G0101221100.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus-3-processed-gene-124.4-mRNA-1	NA	NA		0	OsR498G1019212800.01.T02	Putative BOI-related E3 ubiquitin-protein ligase 3
augustus-3-processed-gene-159.53-mRNA-1	NA	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class, expressed
augustus-3-processed-gene-174.4-mRNA-1	NA	NA				Transposon protein, putative, CACTA, En/Spm sub-class
augustus-3-processed-gene-206.24-mRNA-1	NA	NA				DDE Tnp4 domain-containing protein
augustus-3-processed-gene-208.12-mRNA-1	NA	NA		Os03g0412400	OsR498G0306191200.01.T01	
augustus-3-processed-gene-232.3-mRNA-1	NA	NA		0	OsR498G0510213600.01.T01	
augustus-3-processed-gene-252.11-mRNA-1	NA	NA		0	OsR498G0306512000.01.T01	Transposable element protein, putative, MuDR
augustus-3-processed-gene-255.50-mRNA-1	NA	NA		Os03g0607200	OsR498G0306531800.01.T01	Gibberellin-regulated protein 1
augustus-3-processed-gene-263.62-mRNA-1	NA	NA				ATP-dependent DNA helicase
augustus-3-processed-gene-281.57-mRNA-1	NA	NA		0	OsR498G1018661500.01.T01	
augustus-3-processed-gene-287.42-mRNA-1	NA	NA		0	OsR498G1018629100.01.T01	
augustus-3-processed-gene-303.4-mRNA-1	NA	NA		0	OsR498G0204301500.01.T06	ATP-dependent DNA helicase
augustus-3-processed-gene-322.36-mRNA-1	NA	NA		Os12g0468900	OsR498G0407549800.01.T01	Cell wall protein-like
augustus-3-processed-gene-328.20-mRNA-1	NA	NA		Os08g0381000	OsR498G0916869000.01.T01	Cell wall protein-like
augustus-3-processed-gene-337.17-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-3-processed-gene-355.19-mRNA-1	NA	NA				Zinc knuckle containing protein-like
augustus-3-processed-gene-361.32-mRNA-1	NA	NA		0	OsR498G0306512000.01.T01	Transposable element protein, putative, MuDR
augustus-3-processed-gene-365.14-mRNA-1	NA	NA		Os03g0607200	OsR498G0306531800.01.T01	Gibberellin-regulated protein 1
augustus-3-processed-gene-373.13-mRNA-1	NA	NA		Os03g0622200	OsR498G0306579100.01.T01	Putative B3 domain-containing protein (Fragment)
augustus-3-processed-gene-378.29-mRNA-1	NA	NA				Transposon protein, putative, CACTA, En/Spm sub-class, expressed
augustus-3-processed-gene-392.3-mRNA-1	NA	NA				Transposable element protein, putative, MuDR

augustus-3-processed-gene-394.35-mRNA-1	NA	NA				Transposon protein, putative, CACTA, En/Spm sub-class
augustus-3-processed-gene-398.25-mRNA-1	NA	NA		0	OsR498G1221232800.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-3-processed-gene-401.41-mRNA-1	NA	Indica		Os03g0669100	OsR498G0306761200.01.T01	Deoxyuridine 5'-triphosphate nucleotidohydrolase
augustus-3-processed-gene-406.41-mRNA-1	NA	NA				Vacuolar protein sorting-associated protein 26
augustus-3-processed-gene-419.75-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class
augustus-3-processed-gene-489.36-mRNA-1	NA	NA		Os03g0835600	OsR498G0307331000.01.T01	Acyl-CoA-binding domain-containing protein 4-like protein isoform X2
augustus-3-processed-gene-490.28-mRNA-1	NA	NA		Os03g0110200		MuDR family transposase domain containing protein
augustus-3-processed-gene-493.104-mRNA-1	NA	Indica		Os03g0845300	OsR498G0307358600.01.T01	Nuclear RNA binding protein A
augustus-3-processed-gene-80.65-mRNA-1	NA	NA		Os03g0255500	OsR498G0305600800.01.T07	Phosphoenolpyruvate carboxykinase (ATP)
augustus-4-processed-gene-110.4-mRNA-1	NA	NA				
augustus-4-processed-gene-112.22-mRNA-1	NA	NA		Os04g0351333	OsR498G0408232300.01.T02	
augustus-4-processed-gene-116.13-mRNA-1	NA	Indica		Os10g0192300	OsR498G0408255600.01.T02	ATP-dependent DNA helicase
augustus-4-processed-gene-117.0-mRNA-1	NA	NA		Os10g0460000	OsR498G1019116500.01.T01	
augustus-4-processed-gene-117.2-mRNA-1	NA	NA		Os04g0359100	OsR498G0408266700.01.T01	Putative quinone-oxidoreductase homolog chloroplastic
augustus-4-processed-gene-118.13-mRNA-1	NA	Indica		Os04g0361500	OsR498G0408287300.01.T01	L-gulonolactone oxidase
augustus-4-processed-gene-121.14-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0408317100.01.T03	Wall-associated receptor kinase 3
augustus-4-processed-gene-125.17-mRNA-1	NA	NA		Os04g0370600	OsR498G0408346900.01.T02	F-box/LRR-repeat protein 14
augustus-4-processed-gene-128.22-mRNA-1	NA	NA		Os04g0373000	OsR498G0408359900.01.T01	Probable magnesium transporter
augustus-4-processed-gene-129.53-mRNA-1	NA	NA	NBS-TM	Os04g0375300	OsR498G0408366900.01.T01	NB-ARC domain-containing protein
augustus-4-processed-gene-130.56-mRNA-1	NA	NA	NBS-TM	0	OsR498G0408382700.01.T01	Disease resistance protein RGA2
augustus-4-processed-gene-131.33-mRNA-1	NA	NA		Os02g0212975	OsR498G0305421900.01.T01	
augustus-4-processed-gene-131.45-mRNA-1	NA	NA		0	OsR498G0408385100.01.T05	
augustus-4-processed-gene-132.27-mRNA-1	NA	NA		0	OsR498G0102118900.01.T01	AB hydrolase-1 domain-containing protein
augustus-4-processed-gene-133.3-mRNA-1	NA	NA		Os04g0382200	OsR498G0408400900.01.T01	Exocyst subunit Exo70 family protein (Fragment)
augustus-4-processed-gene-134.17-mRNA-1	NA	NA		Os04g0384100		
augustus-4-processed-gene-134.19-mRNA-1	NA	NA		Os04g0384850	OsR498G0408408700.01.T01	
augustus-4-processed-gene-135.5-mRNA-1	NA	NA		0	OsR498G0408420700.01.T01	Large proline-rich protein
augustus-4-processed-gene-136.16-mRNA-1	NA	NA		Os04g0380500		
augustus-4-processed-gene-137.0-mRNA-1	NA	NA		Os04g0388500	OsR498G0408428100.01.T01	Calmodulin-binding transcription activator 4
augustus-4-processed-gene-137.11-mRNA-1	NA	NA		Os04g0389800	OsR498G0408432100.01.T01	Acetolactate synthase
augustus-4-processed-gene-137.2-mRNA-1	NA	Indica		Os04g0388800	OsR498G0408429700.01.T01	J domain-containing protein (Fragment)
augustus-4-processed-gene-146.12-mRNA-1	NA	NA	LRR-TM	0	OsR498G0408499300.01.T01	Protein kinase domain containing protein, expressed
augustus-4-processed-gene-147.53-mRNA-1	NA	NA		Os04g0405700	OsR498G0408505100.01.T01	
augustus-4-processed-gene-148.59-mRNA-1	NA	NA		Os04g0409500	OsR498G0408518400.01.T04	Metallophos domain-containing protein
augustus-4-processed-gene-149.48-mRNA-1	NA	NA		Os08g0561800	OsR498G0408675500.01.T01	4-diphosphocytidyl-2C-methyl-D-erythritol synthase
augustus-4-processed-gene-149.49-mRNA-1	NA	NA		Os04g0411800	OsR498G0408524100.01.T01	AB hydrolase-1 domain-containing protein
augustus-4-processed-gene-149.70-mRNA-1	NA	NA		Os04g0411400	OsR498G0408522400.01.T01	Centroradialis
augustus-4-processed-gene-150.15-mRNA-1	NA	NA		Os04g0412700	OsR498G0408527900.01.T01	Carbonic anhydrase
augustus-4-processed-gene-150.16-mRNA-1	NA	NA		Os04g0412800	OsR498G0408528100.01.T01	Glutaredoxin domain-containing protein (Fragment)
augustus-4-processed-gene-150.2-mRNA-1	NA	NA		0	OsR498G0408525900.01.T03	Ferredoxin
augustus-4-processed-gene-150.3-mRNA-1	NA	NA		Os04g0412200	OsR498G0408525900.01.T04	Ferredoxin
augustus-4-processed-gene-151.14-mRNA-1	NA	NA		Os04g0415200	OsR498G0408540100.01.T01	
augustus-4-processed-gene-151.15-mRNA-1	NA	Indica		Os01g0660000	OsR498G0408540300.01.T01	
augustus-4-processed-gene-151.16-mRNA-1	NA	NA		Os04g0415600	OsR498G0408541500.01.T01	Copper transporter
augustus-4-processed-gene-152.18-mRNA-1	NA	Indica		Os02g0539100	OsR498G0408545900.01.T05	Digalactosyldiacylglycerol synthase 1 chloroplastic
augustus-4-processed-gene-153.23-mRNA-1	NA	NA		Os04g0419100		
augustus-4-processed-gene-155.21-mRNA-1	NA	NA		Os04g0423200	OsR498G0408568300.01.T01	
augustus-4-processed-gene-158.17-mRNA-1	NA	NA		Os04g0428300		
augustus-4-processed-gene-164.16-mRNA-1	NA	NA		Os04g0437500		
augustus-4-processed-gene-164.26-mRNA-1	NA	Indica		Os04g0438400	OsR498G0408617100.01.T01	Pectinesterase
augustus-4-processed-gene-167.23-mRNA-1	NA	NA		0	OsR498G0408641700.01.T01	RING-H2 finger protein ATL52
augustus-4-processed-gene-17.30-mRNA-1	NA	NA		Os04g0194400	OsR498G0407698300.01.T01	Acyl transferase 15
augustus-4-processed-gene-172.15-mRNA-1	NA	NA		Os04g0451700		
augustus-4-processed-gene-174.47-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus-4-processed-gene-176.68-mRNA-1	NA	NA		0	OsR498G0408697900.01.T01	
augustus-4-processed-gene-176.71-mRNA-1	NA	NA		0	OsR498G0408699900.01.T01	
augustus-4-processed-gene-178.31-mRNA-1	NA	NA		0	OsR498G0408710300.01.T01	
augustus-4-processed-gene-178.49-mRNA-1	NA	NA		Os04g0464100	OsR498G0408714300.01.T02	HMA domain-containing protein
augustus-4-processed-gene-180.38-mRNA-1	NA	NA		Os04g0467000	OsR498G0408727300.01.T01	
augustus-4-processed-gene-182.0-mRNA-1	NA	Japonica	CC-NBS-TM	Os04g0470500	OsR498G0408741100.01.T01	Disease resistance protein RPS2
augustus-4-processed-gene-189.13-mRNA-1	NA	NA		Os04g0486300	OsR498G0408792300.01.T01	Ribose-5-phosphate isomerase (Fragment)

augustus-4-processed-gene-190.60-mRNA-1	NA	NA	Kinase-LRR-TM	Os04g0487200	OsR498G0408795300.01.T01	Inactive LRR receptor-like serine/threonine-protein kinase
augustus-4-processed-gene-190.61-mRNA-1	NA	NA				C3H1-type domain-containing protein
augustus-4-processed-gene-190.66-mRNA-1	NA	Japonica		Os04g0488200	OsR498G0408799700.01.T02	pentatricopeptide repeat-containing protein EL11, chloroplastic
augustus-4-processed-gene-201.2-mRNA-1	NA	NA		0	OsR498G0408868500.01.T01	
augustus-4-processed-gene-202.0-mRNA-1	NA	Japonica		Os04g0509600	OsR498G0204334900.01.T01	Ammonium transporter
augustus-4-processed-gene-203.47-mRNA-1	NA	NA		0	OsR498G0101475600.01.T01	Phosphoribosyl-AMP cyclohydrolase
augustus-4-processed-gene-203.53-mRNA-1	NA	NA		0	OsR498G0100075100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-4-processed-gene-204.66-mRNA-1	NA	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class, expressed
augustus-4-processed-gene-205.35-mRNA-1	NA	NA		Os04g0516900		
augustus-4-processed-gene-205.40-mRNA-1	NA	NA		0	OsR498G0408902900.01.T01	
augustus-4-processed-gene-206.27-mRNA-1	NA	NA		Os04g0517900	OsR498G0408903500.01.T01	Auxin-responsive protein SAUR50
augustus-4-processed-gene-207.17-mRNA-1	NA	NA		Os04g0520900	OsR498G0408917300.01.T06	Pentatricopeptide repeat-containing protein mitochondrial-like
augustus-4-processed-gene-208.2-mRNA-1	NA	NA		Os12g0166700	OsR498G1120733700.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-4-processed-gene-210.23-mRNA-1	NA	NA		Os04g0528200	OsR498G0408940300.01.T01	
augustus-4-processed-gene-211.32-mRNA-1	NA	Indica		Os02g0638900	OsR498G0408948900.01.T01	WD repeat-containing protein 44-like
augustus-4-processed-gene-212.51-mRNA-1	NA	NA		Os04g0529700	OsR498G0408950500.01.T01	Lanthionine synthetase C-like protein 1
augustus-4-processed-gene-212.65-mRNA-1	NA	NA	Kinase-TM	Os04g0531500	OsR498G0408956500.01.T01	Lectin receptor-type kinase
augustus-4-processed-gene-212.67-mRNA-1	NA	NA		Os04g0531800	OsR498G0408957100.01.T05	
augustus-4-processed-gene-213.17-mRNA-1	NA	Indica		Os02g0641900	OsR498G0408961700.01.T01	Transcription factor MYB74
augustus-4-processed-gene-213.2-mRNA-1	NA	NA		Os04g0532200		
augustus-4-processed-gene-214.44-mRNA-1	NA	NA		0	OsR498G0408966100.01.T05	Retrotransposon protein, putative, unclassified
augustus-4-processed-gene-214.46-mRNA-1	NA	NA		Os04g0535600	OsR498G0408968100.01.T02	Beta-fructofuranosidase 1
augustus-4-processed-gene-215.16-mRNA-1	NA	Japonica		Os04g0537100	OsR498G0408974700.01.T01	SAUR11-auxin-responsive SAUR family member
augustus-4-processed-gene-215.22-mRNA-1	NA	NA		Os04g0537800	OsR498G0408981700.01.T01	Cysteine-rich repeat secretory protein 15
augustus-4-processed-gene-215.42-mRNA-1	NA	NA		0	OsR498G0408981200.01.T01	
augustus-4-processed-gene-218.28-mRNA-1	NA	NA		Os04g0541500	OsR498G0409002300.01.T01	Sphingoid long-chain bases kinase 1
augustus-4-processed-gene-223.8-mRNA-1	NA	NA		Os04g0551800	OsR498G0409039700.01.T01	CCT-alpha
augustus-4-processed-gene-226.33-mRNA-1	NA	NA				R-type basic helix-loop-helix protein
augustus-4-processed-gene-226.38-mRNA-1	NA	NA		Os04g0558900	OsR498G0409063100.01.T01	Subtilisin-like serine protease
augustus-4-processed-gene-228.10-mRNA-1	NA	Japonica		Os04g0562500	OsR498G0204490700.01.T01	
augustus-4-processed-gene-23.14-mRNA-1	NA	NA		0	OsR498G0407733300.01.T01	
augustus-4-processed-gene-230.3-mRNA-1	NA	Japonica		Os04g0565200	OsR498G0409082100.01.T01	Glycosyltransferase
augustus-4-processed-gene-244.32-mRNA-1	NA	NA				Poly(A) polymerase
augustus-4-processed-gene-245.11-mRNA-1	NA	Japonica		Os04g0590366	OsR498G0203601400.01.T01	Ribose-5-phosphate isomerase
augustus-4-processed-gene-25.32-mRNA-1	NA	NA		0	OsR498G0407745300.01.T01	
augustus-4-processed-gene-251.2-mRNA-1	NA	NA		0	OsR498G0306953900.01.T01	
augustus-4-processed-gene-261.33-mRNA-1	NA	NA		Os04g0619900	OsR498G0409294900.01.T01	BAG family molecular chaperone regulator like
augustus-4-processed-gene-262.14-mRNA-1	NA	Japonica	CC-NBS-TM	Os04g0621750	OsR498G0409301900.01.T01	Disease resistance protein RGA2
augustus-4-processed-gene-262.16-mRNA-1	NA	Japonica		Os04g0621900	OsR498G0409303900.01.T01	BED-type domain-containing protein (Fragment)
augustus-4-processed-gene-268.79-mRNA-1	NA	Japonica	Kinase-TM	Os04g0633800	OsR498G0409334600.01.T02	Non-specific serine/threonine protein kinase
augustus-4-processed-gene-270.13-mRNA-1	NA	NA		Os04g0638800	OsR498G0409350100.01.T01	DUF617 domain-containing protein
augustus-4-processed-gene-277.68-mRNA-1	NA	Indica		Os09g0566000	OsR498G0409397100.01.T01	Arogenate dehydratase
augustus-4-processed-gene-280.30-mRNA-1	NA	NA		Os04g0656100	OsR498G0409413100.01.T01	Plasma membrane ATPase
augustus-4-processed-gene-286.65-mRNA-1	NA	NA		Os04g0668600	OsR498G0409458500.01.T01	F-box/kelch-repeat protein At5g15710
augustus-4-processed-gene-301.62-mRNA-1	NA	Japonica		Os04g0554600	OsR498G0409049300.01.T01	Proline-rich protein DC2.15
augustus-4-processed-gene-34.10-mRNA-1	NA	NA		Os07g0693100	OsR498G1018918700.01.T01	Pyruvate decarboxylase
augustus-4-processed-gene-39.6-mRNA-1	NA	NA		Os07g0562400	OsR498G0714577900.01.T01	MFS domain-containing protein
augustus-4-processed-gene-41.43-mRNA-1	NA	NA				Formin-like protein 12
augustus-4-processed-gene-43.12-mRNA-1	NA	NA		0	OsR498G0408682100.01.T01	XS domain containing protein-like
augustus-4-processed-gene-43.16-mRNA-1	NA	NA		Os04g0194400	OsR498G0407698300.01.T01	Acyl transferase 15
augustus-4-processed-gene-52.15-mRNA-1	NA	Japonica		Os04g0261400	OsR498G0203686900.01.T01	Putative transcription factor/ chromatin remodeling BED-type(Zn) family
augustus-4-processed-gene-53.6-mRNA-1	NA	NA		0	OsR498G0407877100.01.T01	Retrotransposon protein, putative, Ty1-copia subclass, expressed
augustus-4-processed-gene-55.13-mRNA-1	NA	NA		0	OsR498G0407890600.01.T01	Adenosylhomocysteinase
augustus-4-processed-gene-56.9-mRNA-1	NA	NA		Os04g0268700	OsR498G0407894900.01.T01	glycine-rich cell wall structural protein isoform X1
augustus-4-processed-gene-60.1-mRNA-1	NA	NA		0	OsR498G0613009300.01.T01	
augustus-4-processed-gene-65.1-mRNA-1	NA	NA		Os04g0283800		GRAM domain-containing protein
augustus-4-processed-gene-66.18-mRNA-1	NA	NA		Os04g0286500	OsR498G0916692600.01.T01	Transposon protein, putative, Pong sub-class, expressed
augustus-4-processed-gene-76.18-mRNA-1	NA	NA		Os04g0300175		ATP-dependent DNA helicase
augustus-4-processed-gene-84.19-mRNA-1	NA	Japonica	CC-NBS-TM	Os04g0312000	OsR498G0612066600.01.T01	Protein kinase domain-containing protein
augustus-4-processed-gene-85.12-mRNA-1	NA	NA		0	OsR498G0408109200.01.T01	SRF-type transcription factor family protein
augustus-4-processed-gene-86.0-mRNA-1	NA	NA		Os04g0319800	OsR498G0408075100.01.T01	Glycosyltransferase

augustus-4-processed-gene-86.1-mRNA-1	NA	NA		Os04g0319800	OsR498G0408075100.01.T01	Glycosyltransferase
augustus-4-processed-gene-86.8-mRNA-1	NA	NA				Sister chromatid cohesion protein PDS5 B-B
augustus-4-processed-gene-88.17-mRNA-1	NA	NA		Os04g0316800	OsR498G0408050900.01.T01	DUF295 domain-containing protein (Fragment)
augustus-4-processed-gene-91.4-mRNA-1	NA	NA		Os04g0319700	OsR498G0408073100.01.T01	Glycosyltransferase
augustus-4-processed-gene-91.9-mRNA-1	NA	NA		Os04g0319800	OsR498G0408075100.01.T01	Glycosyltransferase
augustus-4-processed-gene-92.31-mRNA-1	NA	NA				RpmA
augustus-4-processed-gene-92.34-mRNA-1	NA	NA		0	OsR498G0408153000.01.T01	Splicing coactivator subunit-like
augustus-4-processed-gene-94.0-mRNA-1	NA	NA		Os04g0324100	OsR498G0408099900.01.T01	Glycosyltransferase
augustus-4-processed-gene-95.6-mRNA-1	NA	NA		0	OsR498G0408211200.01.T01	Translation initiation factor
augustus-4-processed-gene-96.1-mRNA-1	NA	NA		0	OsR498G0408211200.01.T01	Translation initiation factor
augustus-4-processed-gene-96.17-mRNA-1	NA	NA				BUB1 N-terminal domain-containing protein
augustus-4-processed-gene-99.1-mRNA-1	NA	NA		Os04g0329200	OsR498G0408137500.01.T01	Expansin-like CBD domain-containing protein
augustus-4-processed-gene-99.2-mRNA-1	NA	NA		Os04g0329300	OsR498G0408139100.01.T01	Expansin-like CBD domain-containing protein
augustus-5-processed-gene-1.24-mRNA-1	NA	NA		Os05g0102000	OsR498G0509559600.01.T01	probable S-adenosylmethionine-dependent methyltransferase At5g38100 is
augustus-5-processed-gene-104.26-mRNA-1	NA	NA		Os08g0381000	OsR498G0916869000.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-5-processed-gene-104.9-mRNA-1	NA	NA		0	OsR498G0306476200.01.T01	Retrotransposon protein, putative, LINE subclass, expressed
augustus-5-processed-gene-111.19-mRNA-1	NA	NA		0	OsR498G0408153000.01.T01	Splicing coactivator subunit-like
augustus-5-processed-gene-113.6-mRNA-1	NA	NA		Os05g0275000	OsR498G0510247800.01.T05	Pentatricopeptide repeat-containing protein, chloroplastic
augustus-5-processed-gene-117.15-mRNA-1	NA	NA				Transposable element protein, putative
augustus-5-processed-gene-118.14-mRNA-1	NA	NA	Kinase-TM	Os05g0280700	OsR498G0510277400.01.T01	Receptor-like protein kinase ANXUR1
augustus-5-processed-gene-120.11-mRNA-1	NA	NA		0	OsR498G0510286200.01.T01	
augustus-5-processed-gene-126.6-mRNA-1	NA	Japonica		Os05g0317300	OsR498G0714239700.01.T01	FAR1 domain-containing protein
augustus-5-processed-gene-133.17-mRNA-1	NA	NA				
augustus-5-processed-gene-133.4-mRNA-1	NA	NA		0	OsR498G1119914600.01.T01	Retrotransposon protein, putative, unclassified, expressed
augustus-5-processed-gene-134.38-mRNA-1	NA	NA				Retrotransposon gag protein, putative
augustus-5-processed-gene-135.24-mRNA-1	NA	NA		Os05g0296900		
augustus-5-processed-gene-135.28-mRNA-1	NA	Indica		Os09g0103700	OsR498G0510369800.01.T01	CAX-interacting protein 4
augustus-5-processed-gene-136.18-mRNA-1	NA	Indica		Os05g0298500	OsR498G0510373800.01.T02	Histone transcription regulator 3 homolog
augustus-5-processed-gene-136.31-mRNA-1	NA	NA		0	OsR498G0100686200.01.T01	Zinc knuckle domain-like
augustus-5-processed-gene-137.17-mRNA-1	NA	NA		Os05g0299600	OsR498G0510378400.01.T04	
augustus-5-processed-gene-137.23-mRNA-1	NA	NA		Os05g0299700	OsR498G0510380400.01.T04	Stress-associated protein 1
augustus-5-processed-gene-137.26-mRNA-1	NA	NA		Os05g0301200		HAT dimerization domain-containing protein
augustus-5-processed-gene-141.37-mRNA-1	NA	NA		Os05g0305300	OsR498G0510413000.01.T01	Pentatricopeptide repeat
augustus-5-processed-gene-151.23-mRNA-1	NA	NA		Os05g0317200	OsR498G0510474100.01.T03	Long-chain-fatty-acid--CoA ligase 3
augustus-5-processed-gene-151.34-mRNA-1	NA	Japonica		Os05g0317300	OsR498G0714239700.01.T01	FAR1 domain-containing protein
augustus-5-processed-gene-154.16-mRNA-1	NA	NA		Os05g0323100	OsR498G0510492300.01.T01	Rhodanese-like domain-containing protein 7
augustus-5-processed-gene-155.22-mRNA-1	NA	NA		Os05g0324600	OsR498G0510499000.01.T01	Transcription repressor
augustus-5-processed-gene-155.44-mRNA-1	NA	NA		Os03g0110200	OsR498G0101158000.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-5-processed-gene-160.10-mRNA-1	NA	NA		Os05g0329400	OsR498G0510521900.01.T01	Putative prolamin 7
augustus-5-processed-gene-172.32-mRNA-1	NA	NA		0	OsR498G0510594200.01.T01	RNase H domain-containing protein (Fragment)
augustus-5-processed-gene-173.15-mRNA-1	NA	NA		Os05g0351200		Dehydration responsive element binding transcription factor
augustus-5-processed-gene-173.16-mRNA-1	NA	NA		Os05g0351500	OsR498G0510607000.01.T03	SAGA-associated factor 11
augustus-5-processed-gene-185.27-mRNA-1	NA	NA		Os05g0367000	OsR498G0510679800.01.T01	PHD finger-like domain-containing protein 5b-like
augustus-5-processed-gene-185.39-mRNA-1	NA	NA				Transposon protein, putative, CACTA, En/Spm sub-class
augustus-5-processed-gene-187.32-mRNA-1	NA	NA		Os05g0370000	OsR498G0510690200.01.T01	Pentatricopeptide repeat-containing protein
augustus-5-processed-gene-187.33-mRNA-1	NA	Japonica		Os05g0370000	OsR498G0510689400.01.T01	Pentatricopeptide repeat
augustus-5-processed-gene-191.14-mRNA-1	NA	Japonica		Os05g0376000	OsR498G1221118000.01.T01	RNA-binding (RRM/RBD/RNP motifs) family protein isoform 3
augustus-5-processed-gene-191.26-mRNA-1	NA	NA		Os05g0376300	OsR498G0510716000.01.T03	N-acetyltransferase ESCO1
augustus-5-processed-gene-193.33-mRNA-1	NA	NA		0	OsR498G0510734000.01.T01	
augustus-5-processed-gene-2.80-mRNA-1	NA	NA		Os05g0103500	OsR498G0509565400.01.T01	MICOS complex subunit mic25a-like
augustus-5-processed-gene-20.58-mRNA-1	NA	NA		0	OsR498G0815287700.01.T01	
augustus-5-processed-gene-20.59-mRNA-1	NA	NA				PlsC domain-containing protein
augustus-5-processed-gene-205.31-mRNA-1	NA	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class, expressed
augustus-5-processed-gene-21.12-mRNA-1	NA	NA		Os07g0543700	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-5-processed-gene-22.19-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-5-processed-gene-223.35-mRNA-1	NA	NA		Os05g0433000		Serine/threonine-protein kinase SAPK8
augustus-5-processed-gene-224.33-mRNA-1	NA	Japonica		Os05g0435800	OsR498G0102409900.01.T01	Subtilisin-like protease preproenzyme
augustus-5-processed-gene-226.36-mRNA-1	NA	NA		Os05g0439300	OsR498G0510924800.01.T01	Pentatricopeptide repeat
augustus-5-processed-gene-226.8-mRNA-1	NA	Japonica		Os05g0438700	OsR498G0611661000.01.T01	Histone domain-containing protein (Fragment)
augustus-5-processed-gene-23.20-mRNA-1	NA	NA		Os05g0141500	OsR498G0509713200.01.T03	E3 ubiquitin-protein like
augustus-5-processed-gene-24.37-mRNA-1	NA	NA		Os05g0142200		

augustus-5-processed-gene-249.30-mRNA-1	NA	Indica		Os05g0484000	OsR498G0511067600.01.T01	DUF295 domain-containing protein
augustus-5-processed-gene-249.50-mRNA-1	NA	NA		Os05g0485000	OsR498G0511070200.01.T01	Cation/H(+) antiporter 15
augustus-5-processed-gene-254.56-mRNA-1	NA	NA		Os04g0184800		Transposon protein, putative, Mutator sub-class, expressed
augustus-5-processed-gene-257.40-mRNA-1	NA	Japonica		Os05g0500400	OsR498G0511115200.01.T01	DUF1995 domain-containing protein (Fragment)
augustus-5-processed-gene-259.25-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-5-processed-gene-26.51-mRNA-1	NA	NA		Os04g0286500	OsR498G0916692600.01.T01	Transposon protein, putative, Pong sub-class, expressed
augustus-5-processed-gene-274.50-mRNA-1	NA	Indica		Os12g0265500	OsR498G0511226400.01.T01	HAT family dimerisation domain containing protein, expressed
augustus-5-processed-gene-274.72-mRNA-1	NA	NA	LRR-TM	Os05g0530701	OsR498G0511233000.01.T01	Too many mouths protein
augustus-5-processed-gene-275.14-mRNA-1	NA	NA		Os05g0531600		
augustus-5-processed-gene-275.27-mRNA-1	NA	Japonica		Os05g0532500	OsR498G0511239400.01.T01	Hexokinase
augustus-5-processed-gene-275.36-mRNA-1	NA	NA		0	OsR498G0511241800.01.T01	NB-ARC domain, putative
augustus-5-processed-gene-276.44-mRNA-1	NA	NA				Serine O-acetyltransferase
augustus-5-processed-gene-277.25-mRNA-1	NA	NA		Os03g0110200	OsR498G0102102900.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-5-processed-gene-277.28-mRNA-1	NA	NA		Os05g0536800	OsR498G0511251800.01.T01	F-box domain-containing protein (Fragment)
augustus-5-processed-gene-279.26-mRNA-1	NA	NA		Os05g0539700	OsR498G0511263800.01.T02	Nucleosome assembly protein NAP-1
augustus-5-processed-gene-279.28-mRNA-1	NA	NA		0	OsR498G0511265200.01.T01	F-box domain-containing protein
augustus-5-processed-gene-279.32-mRNA-1	NA	NA		Os05g0540600	OsR498G0511266200.01.T04	F-box domain-containing protein (Fragment)
augustus-5-processed-gene-28.60-mRNA-1	NA	NA		Os05g0149300	OsR498G0509738700.01.T01	1-aminocyclopropane-1-carboxylate oxidase
augustus-5-processed-gene-280.76-mRNA-1	NA	NA		Os05g0542001		
augustus-5-processed-gene-281.27-mRNA-1	NA	NA		0	OsR498G0815745200.01.T01	SWIM-type domain-containing protein
augustus-5-processed-gene-281.47-mRNA-1	NA	NA	Kinase-TM	Os05g0545400	OsR498G0511283000.01.T01	Mitogen-activated protein kinase kinase kinase ANP1-like
augustus-5-processed-gene-282.38-mRNA-1	NA	NA		0	OsR498G0917328500.01.T01	Ribonuclease H
augustus-5-processed-gene-285.12-mRNA-1	NA	NA		Os05g0552000	OsR498G0511302800.01.T01	
augustus-5-processed-gene-285.15-mRNA-1	NA	NA		Os05g0552300	OsR498G0511303600.01.T01	Guanine nucleotide-binding protein subunit beta-like protein B
augustus-5-processed-gene-285.19-mRNA-1	NA	NA		Os05g0552700	OsR498G0511306200.01.T01	Glycosyltransferase
augustus-5-processed-gene-285.3-mRNA-1	NA	NA		0	OsR498G0511302400.01.T02	CRM-domain containing factor like
augustus-5-processed-gene-287.26-mRNA-1	NA	NA		Os05g0556800	OsR498G0511321600.01.T01	Purine permease
augustus-5-processed-gene-287.4-mRNA-1	NA	Indica		Os01g0681900	OsR498G0511318100.01.T02	NADH-dependent glutamate synthase
augustus-5-processed-gene-289.2-mRNA-1	NA	NA				U-box domain-containing protein 26
augustus-5-processed-gene-289.23-mRNA-1	NA	NA		Os05g0560200	OsR498G0511333800.01.T01	DOG1 domain-containing protein (Fragment)
augustus-5-processed-gene-296.10-mRNA-1	NA	NA		0	OsR498G0511374600.01.T01	Ethylene-responsive transcription factor
augustus-5-processed-gene-299.42-mRNA-1	NA	NA		Os05g0578100	OsR498G0511396000.01.T01	
augustus-5-processed-gene-307.56-mRNA-1	NA	NA		Os05g0595000		Pathogenesis-related protein 1-22
augustus-5-processed-gene-307.57-mRNA-1	NA	NA		Os05g0595200	OsR498G0511453000.01.T03	SCP domain-containing protein (Fragment)
augustus-5-processed-gene-308.31-mRNA-1	NA	NA		0	OsR498G0511460800.01.T01	
augustus-5-processed-gene-311.18-mRNA-1	NA	NA		0	OsR498G0101349400.01.T01	Splicing coactivator subunit-like
augustus-5-processed-gene-39.59-mRNA-1	NA	NA		Os05g0168800	OsR498G0509822800.01.T01	NAB domain-containing protein
augustus-5-processed-gene-40.38-mRNA-1	NA	NA		Os11g0594000	OsR498G1120440500.01.T01	Hexose carrier
augustus-5-processed-gene-40.60-mRNA-1	NA	NA		Os05g0170600	OsR498G0509829400.01.T02	
augustus-5-processed-gene-41.27-mRNA-1	NA	NA		Os05g0521800		
augustus-5-processed-gene-41.32-mRNA-1	NA	NA		Os05g0172100	OsR498G0509836200.01.T01	Protein kinase domain-containing protein
augustus-5-processed-gene-44.49-mRNA-1	NA	NA		Os03g0851300	OsR498G0307375200.01.T01	26S proteasome non-ATPase regulatory subunit A
augustus-5-processed-gene-50.8-mRNA-1	NA	Indica		Os05g0183300	OsR498G0509876800.01.T01	
augustus-5-processed-gene-51.24-mRNA-1	NA	NA		Os05g0184901		DDE Tnp4 domain-containing protein (Fragment)
augustus-5-processed-gene-63.15-mRNA-1	NA	NA		Os05g0203000	OsR498G0509973600.01.T01	Rapid alkalization factor
augustus-5-processed-gene-63.17-mRNA-1	NA	Japonica		Os05g0203400	OsR498G0509974600.01.T01	Trifunctional UDP-glucose 4,6-dehydratase
augustus-5-processed-gene-65.26-mRNA-1	NA	NA		Os05g0206600	OsR498G0509988600.01.T01	DUF641 domain-containing protein (Fragment)
augustus-5-processed-gene-70.12-mRNA-1	NA	NA		Os05g0213900	OsR498G0510014400.01.T01	Metalloproteinase inhibitor 1
augustus-5-processed-gene-74.29-mRNA-1	NA	Indica		Os03g0693400	OsR498G0510047800.01.T02	
augustus-5-processed-gene-75.3-mRNA-1	NA	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class
augustus-5-processed-gene-75.5-mRNA-1	NA	Indica		Os05g0217800	OsR498G0510051200.01.T01	BURP domain-containing protein 8
augustus-5-processed-gene-77.27-mRNA-1	NA	Japonica		Os05g0225800	OsR498G0510064600.01.T01	Cell surface glycoprotein 1
augustus-5-processed-gene-77.30-mRNA-1	NA	Japonica		Os05g0226000	OsR498G0510065600.01.T01	Dextran-binding lectin B
augustus-5-processed-gene-79.10-mRNA-1	NA	Indica		Os03g0772300	OsR498G0510076400.01.T06	
augustus-5-processed-gene-96.49-mRNA-1	NA	NA		0	OsR498G0408756900.01.T01	Endonuclease
augustus-6-processed-gene-111.20-mRNA-1	NA	Japonica		Os06g0303400	OsR498G0815345200.01.T02	Aconitate hydratase 3 mitochondrial
augustus-6-processed-gene-147.15-mRNA-1	NA	NA		Os06g0475800		FAR1 domain-containing protein (Fragment)
augustus-6-processed-gene-164.11-mRNA-1	NA	NA				Retrotransposon protein, putative, LINE subclass
augustus-6-processed-gene-185.9-mRNA-1	NA	NA				Putative nucleotidyltransferase, Hydrolase
augustus-6-processed-gene-189.9-mRNA-1	NA	NA		Os01g0387333	OsR498G0815569700.01.T02	
augustus-6-processed-gene-21.66-mRNA-1	NA	NA		0	OsR498G0611605400.01.T01	SANT domain-containing protein

augustus-6-processed-gene-229.12-mRNA-1	NA	NA		Os08g0381000	OsR498G0305961100.01.T01	Cell wall protein-like
augustus-6-processed-gene-245.23-mRNA-1	NA	NA				Retrotransposon protein, putative, unclassified, expressed
augustus-6-processed-gene-26.33-mRNA-1	NA	NA		Os06g0150400	OsR498G0611633600.01.T01	Saposin B-type domain-containing protein (Fragment)
augustus-6-processed-gene-262.6-mRNA-1	NA	NA		0	OsR498G0408153000.01.T01	Splicing coactivator subunit-like
augustus-6-processed-gene-266.15-mRNA-1	NA	Japonica		Os06g0647200	OsR498G0613060500.01.T01	Two-component response regulator like
augustus-6-processed-gene-281.22-mRNA-1	NA	NA				Fiber polyubiquitin
augustus-6-processed-gene-299.7-mRNA-1	NA	NA		Os06g0704400		Transposon protein, putative, mutator sub-class
augustus-6-processed-gene-300.13-mRNA-1	NA	NA		Os07g0513300	OsR498G0100612800.01.T01	PMD domain-containing protein (Fragment)
augustus-6-processed-gene-33.72-mRNA-1	NA	NA	LRR-NBS-TM			Leaf rust resistance protein Lr10
augustus-6-processed-gene-40.30-mRNA-1	NA	NA		Os06g0179900	OsR498G0611719200.01.T01	Glycerol-3-phosphate transporter
augustus-6-processed-gene-41.7-mRNA-1	NA	NA		Os06g0181500	OsR498G0611725400.01.T02	Plasma membrane ATPase
augustus-6-processed-gene-49.25-mRNA-1	NA	NA		Os04g0120000	OsR498G0509881000.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-6-processed-gene-54.13-mRNA-1	NA	NA		Os06g0205250	OsR498G0611814400.01.T02	
augustus-6-processed-gene-9.46-mRNA-1	NA	NA		Os06g0115600	OsR498G0611510900.01.T01	CYCLOPS transcription factor
augustus-6-processed-gene-91.47-mRNA-1	NA	NA		Os06g0269300	OsR498G0612071400.01.T01	NHL repeat-containing protein-like
augustus-6-processed-gene-94.48-mRNA-1	NA	NA		0	OsR498G0307403400.01.T01	Endonuclease
augustus-7-processed-gene-0.5-mRNA-1	NA	NA		Os07g0100200	OsR498G0713353000.01.T01	Pyridoxal biosynthesis lyase pdxS
augustus-7-processed-gene-0.7-mRNA-1	NA	NA		Os07g0100900	OsR498G0713355400.01.T02	
augustus-7-processed-gene-1.24-mRNA-1	NA	NA		Os07g0102500	OsR498G0713361200.01.T01	La-related protein like
augustus-7-processed-gene-10.4-mRNA-1	NA	NA		0	OsR498G1220887700.01.T01	Hydroxyproline-rich glycoprotein-like
augustus-7-processed-gene-11.19-mRNA-1	NA	NA		Os07g0129200	OsR498G0713452700.01.T01	Pathogenesis-related protein 1-9
augustus-7-processed-gene-11.21-mRNA-1	NA	NA		Os07g0129300	OsR498G0713453500.01.T01	Pathogenesis-related protein 1
augustus-7-processed-gene-11.23-mRNA-1	NA	NA		Os07g0129300	OsR498G0713453500.01.T01	Pathogenesis-related protein 1
augustus-7-processed-gene-110.14-mRNA-1	NA	NA				
augustus-7-processed-gene-114.19-mRNA-1	NA	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class, expressed
augustus-7-processed-gene-12.20-mRNA-1	NA	Japonica	Kinase-TM	Os07g0130300	OsR498G0713999000.01.T01	L-type lectin-domain containing receptor kinase IV.1
augustus-7-processed-gene-12.22-mRNA-1	NA	Japonica	Kinase-TM	Os07g0130600	OsR498G0916878800.01.T01	Putative receptor kinase Lecrk
augustus-7-processed-gene-12.23-mRNA-1	NA	Japonica	Kinase-TM	Os07g0130700	OsR498G0713461800.01.T01	L-type lectin-domain containing receptor kinase IV.1
augustus-7-processed-gene-12.25-mRNA-1	NA	NA	Kinase-TM	Os07g0130800	OsR498G0713462000.01.T01	Putative receptor kinase Lecrk
augustus-7-processed-gene-14.25-mRNA-1	NA	NA		Os07g0135600		
augustus-7-processed-gene-140.16-mRNA-1	NA	NA		Os05g0267732	OsR498G0510213400.01.T01	
augustus-7-processed-gene-143.5-mRNA-1	NA	NA		Os07g0437500	OsR498G0714162100.01.T05	Aromatic-L-amino-acid/L-histidine decarboxylase
augustus-7-processed-gene-145.5-mRNA-1	NA	NA				
augustus-7-processed-gene-148.36-mRNA-1	NA	NA		0	OsR498G0510294600.01.T01	HGWP repeat containing protein-like
augustus-7-processed-gene-15.14-mRNA-1	NA	NA		0	OsR498G0713478500.01.T01	Myb-like protein L
augustus-7-processed-gene-15.2-mRNA-1	NA	NA		0	OsR498G0713476900.01.T01	
augustus-7-processed-gene-16.18-mRNA-1	NA	Indica		Os07g0137900	OsR498G0713482500.01.T01	PERQ amino acid-rich with GYF domain-containing protein 2
augustus-7-processed-gene-16.31-mRNA-1	NA	NA		0	OsR498G0713484400.01.T03	Zinc finger CCCH domain-containing protein 47
augustus-7-processed-gene-17.0-mRNA-1	NA	NA		Os07g0139400	OsR498G0713487700.01.T06	Probable UDP-arabinose 4-epimerase 1
augustus-7-processed-gene-17.17-mRNA-1	NA	NA		Os07g0141600	OsR498G0713493700.01.T04	U4/U6 small nuclear ribonucleoprotein Prp31 homolog
augustus-7-processed-gene-17.28-mRNA-1	NA	Indica		Os03g0233200	OsR498G0713488800.01.T01	Pathogenesis-related protein 5
augustus-7-processed-gene-178.20-mRNA-1	NA	NA		Os07g0489200	OsR498G0714328400.01.T01	Glycosyltransferase
augustus-7-processed-gene-178.21-mRNA-1	NA	Indica		Os07g0489300	OsR498G0714329200.01.T01	Glycosyltransferase
augustus-7-processed-gene-179.47-mRNA-1	NA	NA		Os07g0489950	OsR498G0714332300.01.T01	Glycosyltransferase
augustus-7-processed-gene-179.48-mRNA-1	NA	Japonica		Os07g0490100	OsR498G0714332300.01.T01	Glycosyltransferase
augustus-7-processed-gene-179.63-mRNA-1	NA	NA		0	OsR498G0714339100.01.T01	
augustus-7-processed-gene-179.66-mRNA-1	NA	Japonica		Os07g0491500	OsR498G0714340300.01.T01	Putative fertility restorer homologue
augustus-7-processed-gene-18.0-mRNA-1	NA	NA		Os07g0142000	OsR498G0713494900.01.T01	Reticulon-like protein (Fragment)
augustus-7-processed-gene-18.1-mRNA-1	NA	NA		Os07g0142200	OsR498G0713495500.01.T01	Verprolin
augustus-7-processed-gene-18.13-mRNA-1	NA	NA		Os07g0142600	OsR498G0713496100.01.T01	RNA-binding protein like
augustus-7-processed-gene-18.30-mRNA-1	NA	NA		0	OsR498G0713495800.01.T01	IAA-amino acid hydrolase ILR1-like 5
augustus-7-processed-gene-18.31-mRNA-1	NA	NA		Os07g0142700	OsR498G0713496600.01.T01	N-hydroxycinnamoyl benzoyltransferase-like protein
augustus-7-processed-gene-180.31-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-7-processed-gene-181.23-mRNA-1	NA	NA	Kinase-TM	Os07g0493800	OsR498G0714347500.01.T01	Wall-associated protein kinase
augustus-7-processed-gene-181.53-mRNA-1	NA	NA				Mitochondrial import inner membrane translocase subunit Tim17/Tim22/Tim23
augustus-7-processed-gene-182.53-mRNA-1	NA	NA		Os07g0496300		protein FAR-RED IMPAIRED RESPONSE 1-like
augustus-7-processed-gene-184.40-mRNA-1	NA	NA		Os07g0499850		
augustus-7-processed-gene-185.14-mRNA-1	NA	NA		Os07g0501700	OsR498G0714373300.01.T01	Pollen-specific C2 domain containing protein
augustus-7-processed-gene-185.26-mRNA-1	NA	NA		Os07g0501500		Stripe rust resistance protein-like
augustus-7-processed-gene-186.13-mRNA-1	NA	Japonica		Os07g0503300	OsR498G0714376200.01.T01	Glycosyltransferase
augustus-7-processed-gene-187.4-mRNA-1	NA	NA		0	OsR498G0714379900.01.T01	TFIIB domain-containing protein

augustus-7-processed-gene-190.4-mRNA-1	NA	NA		Os07g0508900	OsR498G0714398700.01.T01	Zinc finger transcription factor
augustus-7-processed-gene-190.6-mRNA-1	NA	NA		0	OsR498G0714399700.01.T01	
augustus-7-processed-gene-191.7-mRNA-1	NA	NA		Os07g0510400	OsR498G0714405200.01.T01	UDP-glycosyltransferase 71B1
augustus-7-processed-gene-192.0-mRNA-1	NA	NA		Os07g0511100	OsR498G0714407900.01.T01	Glycine-rich cell wall structural protein 1
augustus-7-processed-gene-193.54-mRNA-1	NA	NA		Os07g0514400		DUF629 domain-containing protein
augustus-7-processed-gene-194.16-mRNA-1	NA	NA		Os07g0515700	OsR498G0714424300.01.T03	
augustus-7-processed-gene-195.13-mRNA-1	NA	NA		Os07g0516400	OsR498G0714428500.01.T01	
augustus-7-processed-gene-195.20-mRNA-1	NA	NA		0	OsR498G0714433500.01.T01	Adenosinetriphosphatase
augustus-7-processed-gene-196.1-mRNA-1	NA	NA		Os07g0517700	OsR498G0714434300.01.T01	Adenosinetriphosphatase
augustus-7-processed-gene-196.5-mRNA-1	NA	NA		Os03g0584300	OsR498G0306462300.01.T02	Adenosinetriphosphatase
augustus-7-processed-gene-197.118-mRNA-1	NA	NA	CC-LRR-NBS-TM	0	OsR498G0714447800.01.T03	Putative resistance complex protein I2C-2
augustus-7-processed-gene-197.81-mRNA-1	NA	NA		Os07g0518500	OsR498G0714438700.01.T01	Taxane 10-beta-hydroxylase
augustus-7-processed-gene-197.89-mRNA-1	NA	NA		Os07g0520300	OsR498G0714443500.01.T01	
augustus-7-processed-gene-2.51-mRNA-1	NA	NA		Os07g0158400		GCK domain-containing protein (Fragment)
augustus-7-processed-gene-2.67-mRNA-1	NA	NA		Os07g0157700		
augustus-7-processed-gene-200.12-mRNA-1	NA	Indica		Os07g0527600	OsR498G0714469300.01.T01	Putative carboxylesterase 13
augustus-7-processed-gene-204.8-mRNA-1	NA	NA				Putative ankyrin repeat-containing domain, PGD domain-containing protein
augustus-7-processed-gene-204.9-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus-7-processed-gene-206.27-mRNA-1	NA	Indica		Os07g0535700	OsR498G0714500100.01.T01	Receptor-like kinase-like
augustus-7-processed-gene-207.11-mRNA-1	NA	NA		Os07g0537701		
augustus-7-processed-gene-207.17-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-7-processed-gene-208.7-mRNA-1	NA	NA	Kinase-TM			Receptor-like serine/threonine-protein kinase
augustus-7-processed-gene-211.29-mRNA-1	NA	NA		Os07g0543750		
augustus-7-processed-gene-217.17-mRNA-1	NA	NA		Os07g0554500	OsR498G0714554100.01.T01	F-box domain-containing protein
augustus-7-processed-gene-217.19-mRNA-1	NA	Japonica		Os07g0554900	OsR498G0714555500.01.T02	F-box domain-containing protein
augustus-7-processed-gene-217.31-mRNA-1	NA	NA		Os07g0555100	OsR498G0714555900.01.T01	F-box domain-containing protein (Fragment)
augustus-7-processed-gene-217.38-mRNA-1	NA	NA		Os07g0556200	OsR498G0714559100.01.T01	Plastoquinol--plastocyanin reductase
augustus-7-processed-gene-22.35-mRNA-1	NA	Japonica		Os07g0150200	OsR498G0713519100.01.T01	40S ribosomal protein S12
augustus-7-processed-gene-220.33-mRNA-1	NA	NA		Os05g0225100	OsR498G0510061500.01.T01	DUF295 domain-containing protein
augustus-7-processed-gene-220.35-mRNA-1	NA	NA		Os07g0562300	OsR498G0714577600.01.T01	Organic cation/carnitine transporter 3
augustus-7-processed-gene-221.2-mRNA-1	NA	NA		Os07g0579000	OsR498G0714629300.01.T01	AP2-like protein ethylene-responsive transcription factor BBM
augustus-7-processed-gene-223.6-mRNA-1	NA	NA		Os04g0613400	OsR498G0714587700.01.T03	Cell differentiation protein rcd1
augustus-7-processed-gene-227.42-mRNA-1	NA	Indica		Os06g0338200	OsR498G0714609700.01.T02	Amine oxidase
augustus-7-processed-gene-227.45-mRNA-1	NA	NA		Os07g0572300	OsR498G0714610500.01.T01	DUF868 domain-containing protein
augustus-7-processed-gene-229.1-mRNA-1	NA	NA		Os07g0573000		Adenylyl-sulfate kinase
augustus-7-processed-gene-23.0-mRNA-1	NA	NA		Os07g0150901		
augustus-7-processed-gene-231.4-mRNA-1	NA	NA		Os07g0577300	OsR498G0714622900.01.T06	Glucan endo-1,3-beta-D-glucosidase
augustus-7-processed-gene-231.6-mRNA-1	NA	NA		Os07g0577500	OsR498G0714623100.01.T02	Constitutive photomorphogenesis protein 10
augustus-7-processed-gene-232.23-mRNA-1	NA	NA		Os07g0579000	OsR498G0714629300.01.T01	AP2-like protein ethylene-responsive transcription factor BBM
augustus-7-processed-gene-232.59-mRNA-1	NA	NA		Os07g0580700		
augustus-7-processed-gene-232.60-mRNA-1	NA	NA		0	OsR498G0714633600.01.T01	
augustus-7-processed-gene-238.35-mRNA-1	NA	NA		0	OsR498G0714678700.01.T01	
augustus-7-processed-gene-238.49-mRNA-1	NA	Japonica		Os07g0591100	OsR498G0714678000.01.T01	Soluble secretory phospholipase A2 receptor
augustus-7-processed-gene-239.20-mRNA-1	NA	NA		Os07g0592000	OsR498G0714681300.01.T02	Gibberellin stimulated transcript (Fragment)
augustus-7-processed-gene-239.21-mRNA-1	NA	NA		Os07g0592100	OsR498G0714681500.01.T02	Putative sex determination protein tasselseed 2
augustus-7-processed-gene-239.35-mRNA-1	NA	NA		Os07g0593000	OsR498G0714684100.01.T01	Zinc finger protein 7
augustus-7-processed-gene-24.0-mRNA-1	NA	NA		Os07g0152000	OsR498G0713530300.01.T01	Transcription factor PCF6
augustus-7-processed-gene-24.1-mRNA-1	NA	NA		0	OsR498G0713531500.01.T01	Putative calcineurin B
augustus-7-processed-gene-24.4-mRNA-1	NA	NA		Os09g0562400	OsR498G0101823900.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-7-processed-gene-241.46-mRNA-1	NA	NA		Os07g0598200	OsR498G0714699700.01.T01	EID1-like F-box protein 2 isoform C
augustus-7-processed-gene-242.11-mRNA-1	NA	NA		Os07g0600300	OsR498G0714706300.01.T01	APO protein 3 mitochondrial
augustus-7-processed-gene-244.0-mRNA-1	NA	NA	Kinase-LRR-TM	Os07g0602700	OsR498G0714714100.01.T01	LRR receptor-like serine/threonine-protein kinase
augustus-7-processed-gene-244.17-mRNA-1	NA	Japonica		Os07g0603500	OsR498G1018815700.01.T01	Peptidase A1 domain-containing protein
augustus-7-processed-gene-244.2-mRNA-1	NA	Indica		Os07g0602800	OsR498G0714714600.01.T01	Glycerophosphodiester phosphodiesterase
augustus-7-processed-gene-244.6-mRNA-1	NA	NA		Os07g0603200	OsR498G0714716900.01.T02	U3 small nucleolar RNA-associated protein 18 like
augustus-7-processed-gene-25.1-mRNA-1	NA	NA		Os07g0154100	OsR498G0713538700.01.T01	Plastid 9-cis-epoxycarotenoid dioxygenase
augustus-7-processed-gene-25.6-mRNA-1	NA	NA		Os07g0154300	OsR498G0713539500.01.T01	outer envelope membrane protein 7
augustus-7-processed-gene-250.63-mRNA-1	NA	NA		Os04g0429450	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-7-processed-gene-251.14-mRNA-1	NA	NA		Os07g0615900		
augustus-7-processed-gene-26.59-mRNA-1	NA	NA		Os07g0158400		GCK domain-containing protein (Fragment)
augustus-7-processed-gene-26.71-mRNA-1	NA	NA		Os07g0157700		

augustus-7-processed-gene-268.59-mRNA-1	NA	NA		Os07g0646500		MULE domain-containing protein
augustus-7-processed-gene-271.29-mRNA-1	NA	NA				AT hook motif-containing protein, putative
augustus-7-processed-gene-276.62-mRNA-1	NA	NA				Protein CHROMATIN REMODELING 5
augustus-7-processed-gene-277.18-mRNA-1	NA	NA		Os07g0662700		Pentatricopeptide repeat-containing protein, chloroplastic
augustus-7-processed-gene-278.103-mRNA-1	NA	NA		Os07g0663200		Cyst nematode resistance protein-like protein
augustus-7-processed-gene-278.108-mRNA-1	NA	NA		Os07g0663000		
augustus-7-processed-gene-278.114-mRNA-1	NA	NA		Os07g0663800	OsR498G0714906100.01.T01	Putative sex determination protein tasselseed 2
augustus-7-processed-gene-278.124-mRNA-1	NA	NA		Os07g0664500	OsR498G0714909900.01.T01	Putative sex determination protein tasselseed 2
augustus-7-processed-gene-28.9-mRNA-1	NA	NA	NBS-TM	Os07g0160300	OsR498G0713563100.01.T01	P-loop containing nucleoside triphosphate hydrolase
augustus-7-processed-gene-280.63-mRNA-1	NA	NA		Os07g0668800	OsR498G0714924900.01.T01	BTB/POZ domain-containing protein At3g05675
augustus-7-processed-gene-280.81-mRNA-1	NA	NA		Os07g0668600	OsR498G0714924000.01.T01	Zinc finger CCCH domain-containing protein 54
augustus-7-processed-gene-285.36-mRNA-1	NA	Japonica	Kinase-TM	Os07g0678300	OsR498G0306613200.01.T01	Non-specific serine/threonine protein kinase
augustus-7-processed-gene-285.47-mRNA-1	NA	NA	Kinase-TM	Os07g0678600	OsR498G0714955800.01.T01	CBL-interacting protein kinase
augustus-7-processed-gene-3.14-mRNA-1	NA	NA		Os07g0111900	OsR498G0713392900.01.T01	Flavin-containing monooxygenase
augustus-7-processed-gene-3.19-mRNA-1	NA	NA				AT hook motif-containing protein, putative
augustus-7-processed-gene-3.2-mRNA-1	NA	NA		0	OsR498G0713391500.01.T01	
augustus-7-processed-gene-3.4-mRNA-1	NA	NA		Os07g0111700	OsR498G0713392100.01.T02	Flavin-containing monooxygenase
augustus-7-processed-gene-32.27-mRNA-1	NA	Indica		Os07g0168800	OsR498G0713590600.01.T03	Zinc finger A20 and AN1 domain-containing stress-associated protein 9
augustus-7-processed-gene-33.15-mRNA-1	NA	NA		0	OsR498G0713593400.01.T01	Zinc finger A20 domain-containing stress-associated protein 18
augustus-7-processed-gene-35.22-mRNA-1	NA	NA				
augustus-7-processed-gene-35.23-mRNA-1	NA	NA		Os07g0176200	OsR498G0713615500.01.T02	CRC domain-containing protein (Fragment)
augustus-7-processed-gene-35.35-mRNA-1	NA	NA		Os08g0148233	OsR498G0815992700.01.T01	Organic cation transporter-like
augustus-7-processed-gene-36.16-mRNA-1	NA	Japonica		Os07g0177400	OsR498G0713623600.01.T01	
augustus-7-processed-gene-36.18-mRNA-1	NA	NA		0	OsR498G0713622400.01.T01	
augustus-7-processed-gene-36.9-mRNA-1	NA	NA		Os07g0176900	OsR498G0713620600.01.T01	Ribose-5-phosphate isomerase
augustus-7-processed-gene-4.29-mRNA-1	NA	NA		Os07g0113500	OsR498G0713398700.01.T01	Pentatricopeptide repeat-containing protein, chloroplastic
augustus-7-processed-gene-4.34-mRNA-1	NA	NA		Os07g0113700	OsR498G0713400200.01.T01	Suppressor of RPS4-RLD 1
augustus-7-processed-gene-40.24-mRNA-1	NA	NA		Os07g0184200	OsR498G0713641500.01.T01	DUF295 domain-containing protein
augustus-7-processed-gene-44.7-mRNA-1	NA	NA		Os07g0190400	OsR498G0713665100.01.T01	
augustus-7-processed-gene-45.11-mRNA-1	NA	NA		Os07g0191500	OsR498G0713671300.01.T01	Plasma membrane ATPase 1
augustus-7-processed-gene-45.16-mRNA-1	NA	NA		Os07g0192000	OsR498G0713673300.01.T01	Adenosinetriphosphatase
augustus-7-processed-gene-45.2-mRNA-1	NA	NA		Os07g0191200	OsR498G0713669500.01.T06	Plasma membrane ATPase
augustus-7-processed-gene-46.24-mRNA-1	NA	Japonica		Os07g0192800	OsR498G0713676200.01.T01	Adenosinetriphosphatase
augustus-7-processed-gene-47.8-mRNA-1	NA	Indica		Os07g0194300	OsR498G0713682000.01.T01	glycine-rich cell wall structural protein isoform X3
augustus-7-processed-gene-48.29-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-7-processed-gene-5.2-mRNA-1	NA	NA		0	OsR498G0713406900.01.T01	F5/8 type C domain-containing protein
augustus-7-processed-gene-5.9-mRNA-1	NA	NA		Os07g0115700		Retrotransposon protein, putative, LINE subclass
augustus-7-processed-gene-53.15-mRNA-1	NA	NA		Os07g0206800	OsR498G0713723000.01.T01	Late embryogenesis abundant (LEA) hydroxyproline-rich glycoprotein family
augustus-7-processed-gene-54.45-mRNA-1	NA	Indica		Os07g0208100	OsR498G0713726400.01.T02	Putative polygalacturonase PG1
augustus-7-processed-gene-54.46-mRNA-1	NA	NA		0	OsR498G0204658700.01.T03	Ribosomal protein-like
augustus-7-processed-gene-56.7-mRNA-1	NA	NA		Os07g0210100	OsR498G0713740600.01.T06	Exocyst subunit Exo70 family protein (Fragment)
augustus-7-processed-gene-56.9-mRNA-1	NA	NA		Os03g0643100	OsR498G0713742400.01.T01	DNA topoisomerase 2
augustus-7-processed-gene-58.16-mRNA-1	NA	Indica		Os07g0213800	OsR498G0713761200.01.T01	AAI domain-containing protein
augustus-7-processed-gene-58.19-mRNA-1	NA	NA		Os07g0214100	OsR498G0713762000.01.T01	Seed allergenic protein RAG1
augustus-7-processed-gene-58.20-mRNA-1	NA	Indica		Os07g0214300	OsR498G0713762400.01.T01	Seed allergenic protein RAG2
augustus-7-processed-gene-59.26-mRNA-1	NA	NA		Os07g0215500	OsR498G0713769000.01.T01	Seed allergenic protein RAG2
augustus-7-processed-gene-59.6-mRNA-1	NA	NA		Os07g0214600	OsR498G0713764600.01.T01	Seed allergenic protein RAG2
augustus-7-processed-gene-6.22-mRNA-1	NA	NA				Fusarium resistance protein I2C-5-like
augustus-7-processed-gene-60.11-mRNA-1	NA	NA		0	OsR498G0713780300.01.T01	Reverse transcriptase domain-containing protein
augustus-7-processed-gene-60.16-mRNA-1	NA	NA		Os07g0216600	OsR498G0713776200.01.T01	AAI domain-containing protein
augustus-7-processed-gene-60.2-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus-7-processed-gene-60.20-mRNA-1	NA	NA		Os07g0216700	OsR498G0713778000.01.T01	AAI domain-containing protein
augustus-7-processed-gene-61.0-mRNA-1	NA	NA		Os07g0217600	OsR498G0713782100.01.T01	Ent-cassadiene C2-hydroxylase
augustus-8-processed-gene-100.23-mRNA-1	NA	NA	NBS-TM	0	OsR498G0815571800.01.T01	Disease resistance protein RPM1
augustus-8-processed-gene-103.21-mRNA-1	NA	NA		Os08g0265350	OsR498G0815581600.01.T04	
augustus-8-processed-gene-103.47-mRNA-1	NA	NA	LRR-TM	Os08g0266400		Putative somatic embryogenesis protein kinase 1
augustus-8-processed-gene-104.34-mRNA-1	NA	NA		0	OsR498G0815591600.01.T02	GTD-binding domain-containing protein (Fragment)
augustus-8-processed-gene-110.20-mRNA-1	NA	NA		0	OsR498G0203809100.01.T01	DUF834 domain-containing protein
augustus-8-processed-gene-110.4-mRNA-1	NA	NA	Kinase-LRR-TM	Os08g0276400	OsR498G0815617800.01.T01	Tyrosine-protein kinase
augustus-8-processed-gene-111.10-mRNA-1	NA	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class
augustus-8-processed-gene-111.14-mRNA-1	NA	NA		Os08g0278600	OsR498G0815626400.01.T02	succinate dehydrogenase assembly factor 1, mitochondrial

augustus-8-processed-gene-111.16-mRNA-1	NA	NA				Stromal cell-derived factor 2
augustus-8-processed-gene-112.3-mRNA-1	NA	NA		0	OsR498G0306743300.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus-8-processed-gene-116.32-mRNA-1	NA	Japonica		Os08g0285100	OsR498G0815645000.01.T01	DLH domain-containing protein
augustus-8-processed-gene-121.30-mRNA-1	NA	NA		Os08g0290000	OsR498G0815664400.01.T06	Pentatricopeptide repeat-containing protein
augustus-8-processed-gene-121.9-mRNA-1	NA	NA		0	OsR498G0203809100.01.T01	DUF834 domain-containing protein
augustus-8-processed-gene-122.25-mRNA-1	NA	NA				
augustus-8-processed-gene-129.2-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-8-processed-gene-136.23-mRNA-1	NA	NA		Os07g0433200	OsR498G0510328900.01.T01	
augustus-8-processed-gene-137.3-mRNA-1	NA	NA				Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus-8-processed-gene-139.4-mRNA-1	NA	NA		Os11g0703000	OsR498G1221905100.01.T01	Pathogenesis-related protein 5
augustus-8-processed-gene-140.6-mRNA-1	NA	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class, expressed
augustus-8-processed-gene-141.24-mRNA-1	NA	NA		0	OsR498G0100560400.01.T01	Nuclear antigen LANA-1
augustus-8-processed-gene-141.27-mRNA-1	NA	NA		Os08g0318500	OsR498G0815757200.01.T04	Exocyst complex component like
augustus-8-processed-gene-142.21-mRNA-1	NA	NA		0	OsR498G0815762600.01.T01	
augustus-8-processed-gene-144.11-mRNA-1	NA	NA		0	OsR498G0815770400.01.T01	
augustus-8-processed-gene-145.21-mRNA-1	NA	NA		Os08g0323400	OsR498G0815777800.01.T01	Rubredoxin-like domain-containing protein (Fragment)
augustus-8-processed-gene-151.41-mRNA-1	NA	Indica		Os05g0225100	OsR498G0815802000.01.T01	DUF295 domain-containing protein
augustus-8-processed-gene-158.35-mRNA-1	NA	NA	Kinase-LRR-TM	Os08g0342300	OsR498G0815837200.01.T01	Brassinosteroid LRR receptor kinase BRL3
augustus-8-processed-gene-159.31-mRNA-1	NA	Japonica		Os08g0343600	OsR498G0815843000.01.T01	Reticuline oxidase
augustus-8-processed-gene-160.19-mRNA-1	NA	Japonica		Os08g0345500	OsR498G0815848400.01.T01	Cellulose synthase A
augustus-8-processed-gene-170.30-mRNA-1	NA	Japonica		Os08g0474800	OsR498G0917625500.01.T01	Tuliposide A-converting enzyme 2, chloroplastic
augustus-8-processed-gene-170.31-mRNA-1	NA	NA				EF-hand domain-containing protein
augustus-8-processed-gene-174.6-mRNA-1	NA	NA				Endonuclease
augustus-8-processed-gene-178.24-mRNA-1	NA	NA		0	OsR498G0510208000.01.T01	HGWP repeat containing protein-like
augustus-8-processed-gene-178.25-mRNA-1	NA	NA		0	OsR498G0510208000.01.T01	HGWP repeat containing protein-like
augustus-8-processed-gene-178.26-mRNA-1	NA	NA		0	OsR498G0510208000.01.T01	HGWP repeat containing protein-like
augustus-8-processed-gene-182.18-mRNA-1	NA	NA		0	OsR498G0101349400.01.T01	Splicing coactivator subunit-like
augustus-8-processed-gene-189.5-mRNA-1	NA	NA	NBS-TM	Os08g0373400		CC-NBS-LRR type disease resistance protein NLR1-V
augustus-8-processed-gene-19.45-mRNA-1	NA	NA				rRNA N-glycosidase
augustus-8-processed-gene-199.43-mRNA-1	NA	NA		Os08g0390200	OsR498G0815994400.01.T01	Oxidoreductase, 2OG-Fe oxygenase family protein, expressed
augustus-8-processed-gene-199.46-mRNA-1	NA	Indica		Os08g0392100	OsR498G0815995400.01.T01	Oxidoreductase, 2OG-Fe oxygenase family protein, expressed
augustus-8-processed-gene-199.51-mRNA-1	NA	NA		Os08g0392100	OsR498G0815999400.01.T01	Oxidoreductase, 2OG-Fe oxygenase family protein, expressed
augustus-8-processed-gene-202.13-mRNA-1	NA	NA				
augustus-8-processed-gene-208.35-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus-8-processed-gene-211.45-mRNA-1	NA	NA		Os08g0414500	OsR498G0816081800.01.T01	BHLH domain-containing protein
augustus-8-processed-gene-226.16-mRNA-1	NA	NA		Os08g0438400	OsR498G0816166000.01.T06	ZF-HD dimerization-type domain-containing protein (Fragment)
augustus-8-processed-gene-249.26-mRNA-1	NA	NA		Os08g0479400	OsR498G0816316600.01.T02	Zinc-finger homeodomain protein 2
augustus-8-processed-gene-250.16-mRNA-1	NA	NA		Os08g0480100	OsR498G0816319800.01.T04	Signal recognition particle receptor subunit alpha like
augustus-8-processed-gene-254.33-mRNA-1	NA	NA		Os08g0487500	OsR498G0816351000.01.T01	Ubiquitin-protein ligase CIP8
augustus-8-processed-gene-254.36-mRNA-1	NA	Japonica		Os08g0488800	OsR498G0816354000.01.T03	Glycosyltransferase
augustus-8-processed-gene-255.27-mRNA-1	NA	NA		Os08g0490300	OsR498G0816360800.01.T03	RRM domain-containing protein (Fragment)
augustus-8-processed-gene-255.9-mRNA-1	NA	NA		Os08g0489800	OsR498G0816358000.01.T01	Phosphatidylinositol 4-kinase type 2-alpha
augustus-8-processed-gene-256.40-mRNA-1	NA	NA		Os08g0492500	OsR498G0816368200.01.T01	RING E3 ubiquitin ligase
augustus-8-processed-gene-257.7-mRNA-1	NA	NA		Os08g0494000	OsR498G0816373000.01.T01	Harpin-induced protein
augustus-8-processed-gene-258.52-mRNA-1	NA	NA		Os08g0497300	OsR498G0816388500.01.T02	Phosphatidylinositol/phosphatidylcholine transfer protein SFH13
augustus-8-processed-gene-258.57-mRNA-1	NA	Indica		Os08g0499400	OsR498G0816384400.01.T01	DNA-directed RNA polymerase
augustus-8-processed-gene-258.59-mRNA-1	NA	NA		Os10g0460000	OsR498G0204348500.01.T01	
augustus-8-processed-gene-258.61-mRNA-1	NA	NA		Os04g0504700	OsR498G0204529200.01.T01	Putative non-LTR retroelement reverse transcriptase
augustus-8-processed-gene-259.30-mRNA-1	NA	NA		Os08g0499000	OsR498G0816393800.01.T02	Caffeoyl-CoA O-methyltransferase 2
augustus-8-processed-gene-26.25-mRNA-1	NA	NA		Os09g0120033	OsR498G0202840400.01.T01	
augustus-8-processed-gene-261.46-mRNA-1	NA	NA		Os08g0502400	OsR498G0816408800.01.T01	Fasciclin-like arabinogalactan protein 7
augustus-8-processed-gene-268.20-mRNA-1	NA	NA		Os08g0515000		Sulfotransferase
augustus-8-processed-gene-270.36-mRNA-1	NA	NA		Os08g0517600	OsR498G0816467200.01.T04	S-adenosyl-L-methionine-dependent methyltransferases superfamily protein
augustus-8-processed-gene-270.53-mRNA-1	NA	NA		0	OsR498G0816472700.01.T01	
augustus-8-processed-gene-271.3-mRNA-1	NA	Japonica		Os08g0519300	OsR498G1120763500.01.T01	Xylanase inhibitor protein I
augustus-8-processed-gene-274.53-mRNA-1	NA	Japonica		Os08g0526100	OsR498G0917763200.01.T01	UDP-D-glucuronate 4-epimerase 6
augustus-8-processed-gene-276.57-mRNA-1	NA	NA		Os08g0529300	OsR498G0816511900.01.T01	F-box protein interaction domain containing protein
augustus-8-processed-gene-279.18-mRNA-1	NA	NA		Os03g0110200	OsR498G0101158000.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus-8-processed-gene-295.27-mRNA-1	NA	NA		0	OsR498G0815070000.01.T01	Retrotransposon protein, putative, unclassified, expressed
augustus-8-processed-gene-295.4-mRNA-1	NA	NA		Os08g0560900	OsR498G0816613600.01.T02	Photosystem I reaction centre PSI-D subunit
augustus-8-processed-gene-33.32-mRNA-1	NA	NA		0	OsR498G0815213000.01.T01	

augustus-8-processed-gene-37.1-mRNA-1	NA	NA		Os08g0159700	OsR498G0815240000.01.T01	AT-hook motif nuclear-localized protein 21
augustus-8-processed-gene-39.73-mRNA-1	NA	Indica		Os08g0163300	OsR498G0815255400.01.T02	Delta DNA polymerase
augustus-8-processed-gene-39.74-mRNA-1	NA	NA		Os08g0163600		Late embryogenesis abundant protein
augustus-8-processed-gene-43.33-mRNA-1	NA	NA		Os08g0170400		
augustus-8-processed-gene-43.37-mRNA-1	NA	Indica		Os08g0170100	OsR498G0815282400.01.T01	Mitochondrial import inner membrane translocase subunit
augustus-8-processed-gene-43.39-mRNA-1	NA	NA	NBS-TM			Disease resistance protein RPP13
augustus-8-processed-gene-69.12-mRNA-1	NA	NA		0	OsR498G0815440800.01.T01	
augustus-8-processed-gene-69.15-mRNA-1	NA	Japonica		Os08g0214900	OsR498G0815441600.01.T01	
augustus-8-processed-gene-71.4-mRNA-1	NA	NA		0	OsR498G0815440800.01.T01	
augustus-8-processed-gene-75.17-mRNA-1	NA	NA		Os03g0110200		Transposon protein, putative, Mutator sub-class, expressed
augustus-8-processed-gene-79.5-mRNA-1	NA	NA	CC-LRR-NBS-TM	Os08g0224000	OsR498G0815462000.01.T01	Putative P-loop containing nucleoside triphosphate hydrolase, leucine-rich r
augustus-8-processed-gene-82.24-mRNA-1	NA	NA		Os08g0229701		
augustus-8-processed-gene-86.28-mRNA-1	NA	Japonica	CC-Kinase-TM	Os08g0230800	OsR498G0815488100.01.T01	Non-specific serine/threonine protein kinase
augustus-8-processed-gene-94.15-mRNA-1	NA	NA		Os08g0249200		Glutamine dumper 3
augustus-8-processed-gene-95.18-mRNA-1	NA	NA		Os07g0251301		60S acidic ribosomal protein P1-alpha
augustus-8-processed-gene-99.30-mRNA-1	NA	NA	NBS-TM	Os08g0258700	OsR498G0815569000.01.T01	Nucleotide-binding leucine-rich-repeat protein 1
augustus-9-processed-gene-0.0-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-9-processed-gene-0.10-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-9-processed-gene-0.12-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-9-processed-gene-0.14-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-9-processed-gene-0.2-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-9-processed-gene-0.4-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-9-processed-gene-0.6-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-9-processed-gene-0.8-mRNA-1	NA	NA		0	OsR498G1017992100.01.T01	
augustus-9-processed-gene-100.30-mRNA-1	NA	NA		Os09g0329700	OsR498G0917168200.01.T01	Glycosyltransferase
augustus-9-processed-gene-100.32-mRNA-1	NA	NA		Os09g0330200		
augustus-9-processed-gene-114.38-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
augustus-9-processed-gene-116.37-mRNA-1	NA	Japonica		Os09g0357500	OsR498G0815285000.01.T01	Disease resistance protein RPM1
augustus-9-processed-gene-126.24-mRNA-1	NA	Japonica	Kinase	Os09g0373800	OsR498G0917660800.01.T02	Putative wall-associated kinase 4
augustus-9-processed-gene-126.25-mRNA-1	NA	NA	Kinase-TM			Wall-associated receptor kinase 2
augustus-9-processed-gene-133.16-mRNA-1	NA	NA		Os02g0163901		Retrotransposon protein, putative, unclassified
augustus-9-processed-gene-133.2-mRNA-1	NA	NA				Zinc finger transcription factor
augustus-9-processed-gene-133.6-mRNA-1	NA	NA		0	OsR498G0917342000.01.T01	AUGMIN subunit like
augustus-9-processed-gene-14.23-mRNA-1	NA	NA		0	OsR498G0916698000.01.T01	Agamous-like MADS-box protein AGL161
augustus-9-processed-gene-142.22-mRNA-1	NA	NA				1-phosphatidylinositol-3-phosphate 5-kinase
augustus-9-processed-gene-143.5-mRNA-1	NA	NA		0	OsR498G0917415600.01.T01	
augustus-9-processed-gene-144.27-mRNA-1	NA	NA		Os09g0404900	OsR498G0917419800.01.T01	
augustus-9-processed-gene-17.15-mRNA-1	NA	NA		Os09g0119600	OsR498G0916710400.01.T01	Glycosyltransferase
augustus-9-processed-gene-17.17-mRNA-1	NA	NA				
augustus-9-processed-gene-183.44-mRNA-1	NA	NA		Os09g0476100	OsR498G0917679000.01.T03	Cleavage and polyadenylation specificity factor subunit 6-like
augustus-9-processed-gene-184.19-mRNA-1	NA	NA		Os09g0479300	OsR498G0917690900.01.T01	Heavy metal-associated isoprenylated plant protein 41 isoform B
augustus-9-processed-gene-185.20-mRNA-1	NA	NA		Os09g0480400	OsR498G0917694500.01.T01	Putative galacturonosyltransferase 4
augustus-9-processed-gene-196.63-mRNA-1	NA	NA		Os07g0513300		Transposon protein, putative, Mutator sub-class
augustus-9-processed-gene-207.21-mRNA-1	NA	NA		Os09g0526800	OsR498G0917831800.01.T01	LRAT domain-containing protein (Fragment)
augustus-9-processed-gene-215.21-mRNA-1	NA	NA		Os09g0542800	OsR498G0917890000.01.T03	Pentatricopeptide repeat-containing protein mitochondrial
augustus-9-processed-gene-217.23-mRNA-1	NA	Indica		Os09g0546800	OsR498G0917902400.01.T01	Auxin-responsive protein SAUR36
augustus-9-processed-gene-217.54-mRNA-1	NA	NA		Os09g0546800	OsR498G0917905600.01.T01	Auxin-responsive protein SAUR36
augustus-9-processed-gene-217.56-mRNA-1	NA	NA		Os09g0547000	OsR498G0917906000.01.T01	Auxin-responsive protein SAUR36
augustus-9-processed-gene-217.57-mRNA-1	NA	Indica		Os09g0545700	OsR498G0917906200.01.T01	Auxin-responsive protein SAUR36-like
augustus-9-processed-gene-3.30-mRNA-1	NA	NA		Os08g0381000	OsR498G0510193500.01.T01	Cell wall protein-like
augustus-9-processed-gene-30.29-mRNA-1	NA	NA		Os09g0135800	OsR498G0916770000.01.T01	protein CELLULOSE SYNTHASE INTERACTIVE 1-like
augustus-9-processed-gene-37.20-mRNA-1	NA	NA		0	OsR498G0916799200.01.T01	chromatin target of PRMT1 protein isoform X2
augustus-9-processed-gene-41.25-mRNA-1	NA	NA				Auxin transport protein BIG
augustus-9-processed-gene-58.13-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class
augustus-9-processed-gene-71.13-mRNA-1	NA	NA		Os09g0336500	OsR498G1220975100.01.T01	Zinc knuckle family protein
augustus-9-processed-gene-71.15-mRNA-1	NA	NA		0	OsR498G1018968000.01.T01	ATP-dependent DNA helicase
augustus-9-processed-gene-87.14-mRNA-1	NA	NA				Endonuclease
augustus-9-processed-gene-87.17-mRNA-1	NA	NA		Os09g0309700	OsR498G0917062600.01.T03	AP2 domain-containing transcription factor-like protein
augustus-9-processed-gene-88.4-mRNA-1	NA	NA		Os09g0314333	OsR498G0917083400.01.T01	GDP-mannose transporter GONST4
augustus-9-processed-gene-88.5-mRNA-1	NA	NA		Os09g0314400	OsR498G0917084400.01.T01	Serine/threonine protein phosphatase
augustus-9-processed-gene-89.34-mRNA-1	NA	NA		Os09g0317700	OsR498G0917110200.01.T01	NAM-associated domain-containing protein

augustus-9-processed-gene-97.26-mRNA-1	NA	NA		Os02g0163901		Retrotransposon protein, putative, unclassified
augustus_masked-1-processed-gene-104.40-mRNA-1	NA	NA		Os08g0381000	OsR498G0510190000.01.T01	Cell wall protein-like
augustus_masked-1-processed-gene-108.50-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-1-processed-gene-109.35-mRNA-1	NA	NA		0	OsR498G0101531300.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus_masked-1-processed-gene-11.28-mRNA-1	NA	NA		Os01g0120700	OsR498G0100066200.01.T03	Histidine-rich calcium-binding protein
augustus_masked-1-processed-gene-12.2-mRNA-1	NA	Indica		Os01g0121500	OsR498G0100070800.01.T01	Ig-like domain-containing protein
augustus_masked-1-processed-gene-12.3-mRNA-1	NA	NA		Os01g0121600		ABC transporter G family member 7 (Fragment)
augustus_masked-1-processed-gene-12.30-mRNA-1	NA	NA		0	OsR498G0100073600.01.T01	RNA binding protein
augustus_masked-1-processed-gene-121.40-mRNA-1	NA	NA		Os07g0433200	OsR498G0510328900.01.T01	Retrotransposon protein, putative, Ty1-copia subclass
augustus_masked-1-processed-gene-13.29-mRNA-1	NA	NA		Os01g0124100	OsR498G0100081000.01.T01	Putative Bowman Birk trypsin inhibitor
augustus_masked-1-processed-gene-13.30-mRNA-1	NA	NA		Os01g0124200	OsR498G0100081600.01.T01	Putative Bowman Birk trypsin inhibitor
augustus_masked-1-processed-gene-13.31-mRNA-1	NA	NA		Os01g0124400	OsR498G0100081800.01.T01	Putative Bowman Birk trypsin inhibitor
augustus_masked-1-processed-gene-13.9-mRNA-1	NA	NA		Os01g0123900	OsR498G0100080200.01.T02	Putative Bowman Birk trypsin inhibitor
augustus_masked-1-processed-gene-137.26-mRNA-1	NA	Japonica		Os01g0343900	OsR498G0509881000.01.T01	Hydroxyproline-rich glycoprotein-like
augustus_masked-1-processed-gene-14.23-mRNA-1	NA	NA		0	OsR498G0204301000.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus_masked-1-processed-gene-15.20-mRNA-1	NA	NA		Os01g0128300	OsR498G0100094800.01.T02	Protein ABA DEFICIENT 4 chloroplastic
augustus_masked-1-processed-gene-159.27-mRNA-1	NA	NA				
augustus_masked-1-processed-gene-191.39-mRNA-1	NA	NA		Os01g0519100	OsR498G0101126800.01.T04	F-box domain-containing protein (Fragment)
augustus_masked-1-processed-gene-204.16-mRNA-1	NA	NA		Os08g0422500		
augustus_masked-1-processed-gene-21.64-mRNA-1	NA	NA		Os01g0139900	OsR498G0100139600.01.T02	
augustus_masked-1-processed-gene-210.47-mRNA-1	NA	NA		Os01g0546500		Pentatricopeptide repeat
augustus_masked-1-processed-gene-210.48-mRNA-1	NA	Japonica		Os01g0546800	OsR498G0102290100.01.T01	Pectate lyase
augustus_masked-1-processed-gene-211.12-mRNA-1	NA	NA		Os02g0212975	OsR498G0305421900.01.T01	
augustus_masked-1-processed-gene-211.8-mRNA-1	NA	NA		0	OsR498G0204658700.01.T03	Ribosomal protein-like
augustus_masked-1-processed-gene-212.31-mRNA-1	NA	Indica		Os09g0292400	OsR498G0101272200.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
augustus_masked-1-processed-gene-212.43-mRNA-1	NA	NA		0	OsR498G0101278200.01.T01	
augustus_masked-1-processed-gene-213.4-mRNA-1	NA	NA		Os01g0550000	OsR498G0101278700.01.T04	DEAD-box ATP-dependent RNA helicase 15
augustus_masked-1-processed-gene-217.12-mRNA-1	NA	NA		0	OsR498G0101315000.01.T01	
augustus_masked-1-processed-gene-222.25-mRNA-1	NA	NA		Os01g0564600		Cell wall protein-like
augustus_masked-1-processed-gene-240.58-mRNA-1	NA	NA		0	OsR498G0101459400.01.T01	
augustus_masked-1-processed-gene-243.21-mRNA-1	NA	NA				DUF1618 domain-containing protein (Fragment)
augustus_masked-1-processed-gene-243.7-mRNA-1	NA	NA		0	OsR498G0101475600.01.T01	Phosphoribosyl-AMP cyclohydrolase
augustus_masked-1-processed-gene-245.13-mRNA-1	NA	NA		Os01g0604500	OsR498G0101494400.01.T03	Probable calcium-binding protein CML14
augustus_masked-1-processed-gene-245.40-mRNA-1	NA	Japonica		Os01g0606100	OsR498G0101500000.01.T01	
augustus_masked-1-processed-gene-250.40-mRNA-1	NA	Indica		Os05g0468700	OsR498G0101534400.01.T01	Ammonium transporter
augustus_masked-1-processed-gene-250.64-mRNA-1	NA	NA		Os01g0614500	OsR498G0101538800.01.T03	UBP1-associated protein 2C isoform A
augustus_masked-1-processed-gene-251.5-mRNA-1	NA	NA	NBS-TM	Os01g0615500	OsR498G0101542000.01.T01	ATPase, coupled to transmembrane movement of substances
augustus_masked-1-processed-gene-252.18-mRNA-1	NA	NA		Os01g0617600	OsR498G0101550000.01.T03	PORR domain-containing protein (Fragment)
augustus_masked-1-processed-gene-254.25-mRNA-1	NA	Japonica		Os01g0620300	OsR498G0101559000.01.T01	Glycosyltransferase
augustus_masked-1-processed-gene-254.41-mRNA-1	NA	NA		0	OsR498G1119902800.01.T01	Retrotransposon protein, putative, unclassified, expressed
augustus_masked-1-processed-gene-255.17-mRNA-1	NA	NA	LRR-TM	0	OsR498G0101567200.01.T01	Protein TOO MANY MOUTHS like
augustus_masked-1-processed-gene-256.41-mRNA-1	NA	Japonica		Os01g0625900	OsR498G0511414500.01.T01	Transcription repressor
augustus_masked-1-processed-gene-257.24-mRNA-1	NA	NA		Os01g0626900	OsR498G0101580000.01.T02	Transcription factor bHLH144
augustus_masked-1-processed-gene-259.49-mRNA-1	NA	NA		Os01g0630300	OsR498G0101589400.01.T01	BHLH domain-containing protein
augustus_masked-1-processed-gene-268.38-mRNA-1	NA	NA		Os01g0647800	OsR498G0101650800.01.T02	
augustus_masked-1-processed-gene-27.10-mRNA-1	NA	NA		0	OsR498G0100176600.01.T01	
augustus_masked-1-processed-gene-276.15-mRNA-1	NA	Indica		Os01g0660800	OsR498G0101697800.01.T01	Werner syndrome ATP-dependent helicase
augustus_masked-1-processed-gene-28.63-mRNA-1	NA	NA		Os01g0152950	OsR498G0100190400.01.T01	F-box domain-containing protein
augustus_masked-1-processed-gene-29.15-mRNA-1	NA	Japonica		Os01g0153200	OsR498G0100191600.01.T05	Pentatricopeptide repeat
augustus_masked-1-processed-gene-31.6-mRNA-1	NA	Indica		Os02g0144200	OsR498G0100207000.01.T01	Arginyl-tRNA synthetase
augustus_masked-1-processed-gene-336.52-mRNA-1	NA	NA		Os01g0777500	OsR498G0102092400.01.T04	Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase
augustus_masked-1-processed-gene-350.13-mRNA-1	NA	NA		0	OsR498G0102184300.01.T01	Anaphase-promoting complex subunit 5
augustus_masked-1-processed-gene-36.28-mRNA-1	NA	NA		Os01g0170900	OsR498G0100238200.01.T01	
augustus_masked-1-processed-gene-365.44-mRNA-1	NA	NA		Os01g0835600	OsR498G0102284000.01.T03	Dirigent protein 17
augustus_masked-1-processed-gene-368.38-mRNA-1	NA	NA		Os01g0841100	OsR498G0102308200.01.T01	Fasciclin-like arabinogalactan protein 4
augustus_masked-1-processed-gene-370.13-mRNA-1	NA	Indica		Os10g0447400	OsR498G0102316200.01.T01	
augustus_masked-1-processed-gene-370.29-mRNA-1	NA	NA		Os01g0844500		Aspartic proteinase nepenthesin-2
augustus_masked-1-processed-gene-372.35-mRNA-1	NA	NA		Os01g0848300	OsR498G0102331600.01.T02	Chlororespiratory reduction 2
augustus_masked-1-processed-gene-372.51-mRNA-1	NA	NA		Os01g0848550	OsR498G0102333400.01.T01	
augustus_masked-1-processed-gene-372.53-mRNA-1	NA	NA		0	OsR498G1120536600.01.T01	
augustus_masked-1-processed-gene-373.43-mRNA-1	NA	NA		Os01g0850200	OsR498G0102339200.01.T01	RING-CH-type domain-containing protein (Fragment)

augustus_masked-1-processed-gene-374.22-mRNA-1	NA	NA		Os01g0852400	OsR498G0102347000.01.T01	UPF0503 protein chloroplastic
augustus_masked-1-processed-gene-374.25-mRNA-1	NA	NA		0	OsR498G0102349400.01.T01	
augustus_masked-1-processed-gene-375.28-mRNA-1	NA	NA		0	OsR498G0102355600.01.T01	
augustus_masked-1-processed-gene-376.15-mRNA-1	NA	NA		Os01g0855600	OsR498G0102361800.01.T01	Nematode resistance protein like
augustus_masked-1-processed-gene-377.24-mRNA-1	NA	NA		Os01g0858350	OsR498G0102370800.01.T01	
augustus_masked-1-processed-gene-378.18-mRNA-1	NA	NA		Os01g0859500	OsR498G0102377800.01.T05	Transcription factor LG2
augustus_masked-1-processed-gene-378.21-mRNA-1	NA	NA		Os01g0859600		F-box/LRR-repeat protein At1g67190
augustus_masked-1-processed-gene-379.31-mRNA-1	NA	NA		0	OsR498G0102381200.01.T01	
augustus_masked-1-processed-gene-381.41-mRNA-1	NA	NA		0	OsR498G0102392900.01.T01	
augustus_masked-1-processed-gene-381.70-mRNA-1	NA	NA		Os01g0865400	OsR498G0102395800.01.T01	Anthocyanidin 3-O-glucosyltransferase
augustus_masked-1-processed-gene-381.71-mRNA-1	NA	NA		Os01g0865700	OsR498G0102396600.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-1-processed-gene-381.72-mRNA-1	NA	NA		Os01g0865800	OsR498G0102397600.01.T01	Dof-type domain-containing protein (Fragment)
augustus_masked-1-processed-gene-385.68-mRNA-1	NA	Indica		Os05g0430800	OsR498G0102423600.01.T01	Amidophosphoribosyltransferase
augustus_masked-1-processed-gene-388.7-mRNA-1	NA	NA		Os01g0877900	OsR498G0102444400.01.T01	
augustus_masked-1-processed-gene-389.45-mRNA-1	NA	NA		Os01g0881100	OsR498G0102455600.01.T01	ENTH domain-containing protein (Fragment)
augustus_masked-1-processed-gene-390.44-mRNA-1	NA	NA		Os10g0566201	OsR498G1019217100.01.T01	DOG1 domain-containing protein
augustus_masked-1-processed-gene-391.49-mRNA-1	NA	NA		Os01g0885200	OsR498G0102471600.01.T01	Putative G protein-coupled receptor
augustus_masked-1-processed-gene-393.24-mRNA-1	NA	Indica		Os01g0888500	OsR498G0102484600.01.T02	Formylglycinamide ribonucleotide amidotransferase
augustus_masked-1-processed-gene-393.6-mRNA-1	NA	NA		0	OsR498G0102482400.01.T01	
augustus_masked-1-processed-gene-402.44-mRNA-1	NA	NA		0	OsR498G0713388900.01.T02	
augustus_masked-1-processed-gene-402.71-mRNA-1	NA	NA		Os01g0623900	OsR498G0101572500.01.T01	
augustus_masked-1-processed-gene-403.43-mRNA-1	NA	NA		Os01g0621900	OsR498G0101564900.01.T01	Cell wall protein AWA1-like
augustus_masked-1-processed-gene-404.20-mRNA-1	NA	NA		Os01g0620800	OsR498G0101560500.01.T01	Glycosyltransferase
augustus_masked-1-processed-gene-406.62-mRNA-1	NA	NA		Os01g0616800	OsR498G0101547500.01.T01	FAD-binding PCMH-type domain-containing protein
augustus_masked-1-processed-gene-407.5-mRNA-1	NA	NA		Os01g0616600	OsR498G0101546700.01.T01	Membrane-associated salt-inducible
augustus_masked-1-processed-gene-412.43-mRNA-1	NA	Indica		Os01g0607800	OsR498G0101506700.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-1-processed-gene-412.57-mRNA-1	NA	NA		Os01g0607300	OsR498G0101503900.01.T02	Ubiquitin-like domain-containing protein
augustus_masked-1-processed-gene-412.60-mRNA-1	NA	NA		0	OsR498G0101503100.01.T01	
augustus_masked-1-processed-gene-412.63-mRNA-1	NA	NA		Os01g0607000	OsR498G0101502500.01.T01	Zinc finger domain-containing CCHC-type
augustus_masked-1-processed-gene-413.35-mRNA-1	NA	NA		Os01g0604600		
augustus_masked-1-processed-gene-414.8-mRNA-1	NA	Indica		Os01g0604300	OsR498G0101493300.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-1-processed-gene-415.18-mRNA-1	NA	NA		Os01g0600900	OsR498G0101476300.01.T01	Chlorophyll a-b binding protein, chloroplastic
augustus_masked-1-processed-gene-416.35-mRNA-1	NA	NA				pentatricopeptide repeat-containing protein At3g24000, mitochondrial-like
augustus_masked-1-processed-gene-416.62-mRNA-1	NA	NA		Os01g0598600	OsR498G0101471900.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus_masked-1-processed-gene-417.28-mRNA-1	NA	NA		Os07g0433200	OsR498G0510328900.01.T01	Retrotransposon protein, putative, Ty1-copia subclass
augustus_masked-1-processed-gene-417.5-mRNA-1	NA	NA		Os01g0597800	OsR498G0101469300.01.T01	Glycosyltransferase
augustus_masked-1-processed-gene-418.57-mRNA-1	NA	Indica	LRR-TM	Os01g0594300	OsR498G0101457300.01.T01	Leucine-rich repeat extensin-like protein 3
augustus_masked-1-processed-gene-419.7-mRNA-1	NA	NA		0	OsR498G0407856300.01.T01	HGWP repeat containing protein-like
augustus_masked-1-processed-gene-420.6-mRNA-1	NA	NA		Os01g0841100	OsR498G0102308200.01.T01	Fasciclin-like arabinogalactan protein 4
augustus_masked-1-processed-gene-421.26-mRNA-1	NA	Indica		Os10g0447400	OsR498G0102316200.01.T01	
augustus_masked-1-processed-gene-421.29-mRNA-1	NA	NA		Os01g0844500		Aspartic proteinase nepenthesin-2
augustus_masked-1-processed-gene-423.54-mRNA-1	NA	NA		Os01g0848300	OsR498G0102331600.01.T02	Chlororespiratory reduction 2
augustus_masked-1-processed-gene-423.56-mRNA-1	NA	NA		Os01g0848550	OsR498G0102333400.01.T01	
augustus_masked-1-processed-gene-423.58-mRNA-1	NA	NA		0	OsR498G1120536600.01.T01	
augustus_masked-1-processed-gene-424.56-mRNA-1	NA	NA		Os01g0850200	OsR498G0102339200.01.T01	RING-CH-type domain-containing protein (Fragment)
augustus_masked-1-processed-gene-425.51-mRNA-1	NA	NA		Os01g0852400	OsR498G0102347000.01.T01	UPF0503 protein chloroplastic
augustus_masked-1-processed-gene-426.10-mRNA-1	NA	NA		0	OsR498G0102349400.01.T01	
augustus_masked-1-processed-gene-426.29-mRNA-1	NA	NA		0	OsR498G0102355600.01.T01	
augustus_masked-1-processed-gene-427.18-mRNA-1	NA	NA		Os01g0855600	OsR498G0102361800.01.T01	Nematode resistance protein like
augustus_masked-1-processed-gene-429.44-mRNA-1	NA	NA		Os01g0858350	OsR498G0102370800.01.T01	
augustus_masked-1-processed-gene-430.2-mRNA-1	NA	NA		Os01g0859500	OsR498G0102377800.01.T05	Transcription factor LG2
augustus_masked-1-processed-gene-430.33-mRNA-1	NA	NA		0	OsR498G0102381200.01.T01	
augustus_masked-1-processed-gene-430.5-mRNA-1	NA	NA		Os01g0859600		F-box/LRR-repeat protein At1g67190
augustus_masked-1-processed-gene-432.37-mRNA-1	NA	NA		0	OsR498G0102392900.01.T01	
augustus_masked-1-processed-gene-432.44-mRNA-1	NA	NA		Os01g0865400	OsR498G0102395800.01.T01	Anthocyanidin 3-O-glucosyltransferase
augustus_masked-1-processed-gene-432.45-mRNA-1	NA	NA		Os01g0865700	OsR498G0102396600.01.T01	RING-type E3 ubiquitin transferase
augustus_masked-1-processed-gene-432.46-mRNA-1	NA	NA		Os01g0865800	OsR498G0102397600.01.T01	Dof-type domain-containing protein (Fragment)
augustus_masked-1-processed-gene-436.34-mRNA-1	NA	Indica		Os05g0430800	OsR498G0102423600.01.T01	Amidophosphoribosyltransferase
augustus_masked-1-processed-gene-439.52-mRNA-1	NA	NA		Os01g0877900	OsR498G0102444400.01.T01	
augustus_masked-1-processed-gene-440.25-mRNA-1	NA	NA		Os01g0881100	OsR498G0102455600.01.T01	ENTH domain-containing protein (Fragment)
augustus_masked-1-processed-gene-441.34-mRNA-1	NA	NA		Os10g0566201	OsR498G1019217100.01.T01	DOG1 domain-containing protein

augustus_masked-1-processed-gene-444.17-mRNA-1	NA	NA		0	OsR498G0102482400.01.T01	
augustus_masked-1-processed-gene-444.18-mRNA-1	NA	Indica		Os01g0888500	OsR498G0102484600.01.T02	Formylglycinamide ribonucleotide amidotransferase
augustus_masked-1-processed-gene-45.33-mRNA-1	NA	NA		Os04g0185100	OsR498G0407661200.01.T02	CDT1 domain-containing protein
augustus_masked-1-processed-gene-453.51-mRNA-1	NA	NA		0	OsR498G071338900.01.T02	
augustus_masked-1-processed-gene-454.33-mRNA-1	NA	NA		Os01g0623900	OsR498G0101572500.01.T01	
augustus_masked-1-processed-gene-455.19-mRNA-1	NA	NA		Os01g0620800	OsR498G0101560500.01.T01	Glycosyltransferase
augustus_masked-1-processed-gene-455.4-mRNA-1	NA	NA		Os01g0621900	OsR498G0101564900.01.T01	Cell wall protein AWA1-like
augustus_masked-1-processed-gene-458.33-mRNA-1	NA	NA		Os01g0616800	OsR498G0101547500.01.T01	FAD-binding PCMH-type domain-containing protein
augustus_masked-1-processed-gene-458.41-mRNA-1	NA	NA		Os01g0616600	OsR498G0101546700.01.T01	Membrane-associated salt-inducible
augustus_masked-1-processed-gene-463.50-mRNA-1	NA	Indica		Os01g0607800	OsR498G0101506700.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-1-processed-gene-463.53-mRNA-1	NA	NA		Os01g0607300	OsR498G0101503900.01.T02	Ubiquitin-like domain-containing protein
augustus_masked-1-processed-gene-463.56-mRNA-1	NA	NA		0	OsR498G0101503100.01.T01	
augustus_masked-1-processed-gene-464.34-mRNA-1	NA	NA		Os01g0607000	OsR498G0101502500.01.T01	Zinc finger domain-containing CCHC-type
augustus_masked-1-processed-gene-465.28-mRNA-1	NA	NA		Os01g0604600		
augustus_masked-1-processed-gene-465.31-mRNA-1	NA	Indica		Os01g0604300	OsR498G0101493300.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-1-processed-gene-467.38-mRNA-1	NA	NA		Os01g0600900	OsR498G0101476300.01.T01	Chlorophyll a-b binding protein, chloroplastic
augustus_masked-1-processed-gene-467.39-mRNA-1	NA	NA				pentatricopeptide repeat-containing protein At3g24000, mitochondrial-like
augustus_masked-1-processed-gene-467.65-mRNA-1	NA	NA		Os01g0598600	OsR498G0101471900.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus_masked-1-processed-gene-468.25-mRNA-1	NA	NA		Os01g0597800	OsR498G0101469300.01.T01	Glycosyltransferase
augustus_masked-1-processed-gene-468.31-mRNA-1	NA	NA		Os07g0433200	OsR498G0510328900.01.T01	Retrotransposon protein, putative, Ty1-copia subclass
augustus_masked-1-processed-gene-470.25-mRNA-1	NA	NA		Os01g0905800	OsR498G0102538200.01.T01	Fructose-bisphosphate aldolase
augustus_masked-1-processed-gene-470.9-mRNA-1	NA	Indica	LRR-TM	Os01g0594300	OsR498G0101457300.01.T01	Leucine-rich repeat extensin-like protein 3
augustus_masked-1-processed-gene-472.67-mRNA-1	NA	NA		0	OsR498G0102553400.01.T01	
augustus_masked-1-processed-gene-473.25-mRNA-1	NA	NA				Transcription factor BTF3
augustus_masked-1-processed-gene-48.30-mRNA-1	NA	NA		Os01g0189800	OsR498G0100305000.01.T02	DUF1618 domain-containing protein (Fragment)
augustus_masked-1-processed-gene-48.6-mRNA-1	NA	NA		Os01g0188800	OsR498G0100302800.01.T01	DUF1618 domain-containing protein (Fragment)
augustus_masked-1-processed-gene-491.70-mRNA-1	NA	NA		0	OsR498G0102677400.01.T01	DUF295 domain-containing protein
augustus_masked-1-processed-gene-491.74-mRNA-1	NA	NA		Os01g0942200	OsR498G0102678200.01.T01	DUF295 domain-containing protein
augustus_masked-1-processed-gene-496.89-mRNA-1	NA	Japonica		Os01g0951500	OsR498G0510739700.01.T01	Putative cytochrome P450-dependent fatty acid hydroxylase
augustus_masked-1-processed-gene-50.13-mRNA-1	NA	NA		Os01g0192000	OsR498G0100316400.01.T03	C3H transcription factor
augustus_masked-1-processed-gene-502.62-mRNA-1	NA	NA	CC-Kinase-TM	0	OsR498G0102752000.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-1-processed-gene-503.73-mRNA-1	NA	NA		0	OsR498G0102756200.01.T05	Oxoprolinase 1
augustus_masked-1-processed-gene-505.62-mRNA-1	NA	NA		Os01g0970900	OsR498G0102772400.01.T02	Pentatricopeptide repeat-containing protein chloroplastic
augustus_masked-1-processed-gene-510.72-mRNA-1	NA	NA		0	OsR498G0102553400.01.T01	
augustus_masked-1-processed-gene-510.75-mRNA-1	NA	NA		Os05g0500400	OsR498G0511115200.01.T01	DUF1995 domain-containing protein (Fragment)
augustus_masked-1-processed-gene-58.86-mRNA-1	NA	NA	Kinase-TM	Os01g0206700	OsR498G0100377600.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-1-processed-gene-59.25-mRNA-1	NA	NA		Os01g0207200	OsR498G0100379200.01.T01	Peptide-N4-(N-acetyl-beta-glucosaminyl)asparagine amidase A heavy chain
augustus_masked-1-processed-gene-59.27-mRNA-1	NA	NA		0	OsR498G0100380200.01.T01	Peptide-N4-(N-acetyl-beta-glucosaminyl)asparagine amidase A
augustus_masked-1-processed-gene-59.28-mRNA-1	NA	NA		Os01g0207600	OsR498G0100380800.01.T01	Peptide-N4-(N-acetyl-beta-glucosaminyl)asparagine amidase A
augustus_masked-1-processed-gene-59.53-mRNA-1	NA	NA		Os01g0208400	OsR498G0100383000.01.T01	Peptide-N4-(N-acetyl-beta-glucosaminyl)asparagine amidase A heavy chain
augustus_masked-1-processed-gene-61.14-mRNA-1	NA	NA		Os01g0211200	OsR498G0100397000.01.T01	Cytochrome P450 family monooxygenase
augustus_masked-1-processed-gene-61.3-mRNA-1	NA	Japonica		Os01g0210900	OsR498G0100395200.01.T01	Cytochrome P450 family monooxygenase
augustus_masked-1-processed-gene-61.4-mRNA-1	NA	NA		Os01g0211000	OsR498G0100395200.01.T01	Cytochrome P450 family monooxygenase
augustus_masked-1-processed-gene-80.27-mRNA-1	NA	NA		Os01g0244400	OsR498G0100533600.01.T02	RING-type domain-containing protein
augustus_masked-1-processed-gene-80.7-mRNA-1	NA	NA		Os01g0243600		Fibrous sheath-interacting protein
augustus_masked-1-processed-gene-81.23-mRNA-1	NA	Indica		Os01g0244400	OsR498G0100537400.01.T01	
augustus_masked-1-processed-gene-81.28-mRNA-1	NA	NA		Os01g0246100	OsR498G0100539200.01.T05	Histone acetyltransferase
augustus_masked-1-processed-gene-83.8-mRNA-1	NA	NA		Os01g0249900		probable transcription factor At3g04930
augustus_masked-1-processed-gene-83.9-mRNA-1	NA	NA		Os01g0250200		C2H2-type domain-containing protein (Fragment)
augustus_masked-1-processed-gene-84.11-mRNA-1	NA	NA		0	OsR498G0100560400.01.T01	
augustus_masked-1-processed-gene-85.2-mRNA-1	NA	Indica		Os01g0254300	OsR498G0100568000.01.T01	Pectinesterase
augustus_masked-1-processed-gene-85.22-mRNA-1	NA	NA		Os01g0254900	OsR498G0100570800.01.T01	Syntaxin-22
augustus_masked-1-processed-gene-85.23-mRNA-1	NA	NA		0	OsR498G0100573000.01.T01	
augustus_masked-1-processed-gene-86.10-mRNA-1	NA	Japonica		Os01g0256500	OsR498G0100576000.01.T03	Zinc inducible protein-like
augustus_masked-1-processed-gene-86.24-mRNA-1	NA	NA		Os01g0257100	OsR498G0100578800.01.T01	Rapid alkalization factor
augustus_masked-1-processed-gene-86.26-mRNA-1	NA	NA		Os01g0257300	OsR498G0100579400.01.T03	Flowering-promoting factor
augustus_masked-1-processed-gene-89.44-mRNA-1	NA	NA		0	OsR498G0100600000.01.T05	
augustus_masked-1-processed-gene-90.25-mRNA-1	NA	Indica		Os04g0423200	OsR498G0100607600.01.T01	
augustus_masked-1-processed-gene-90.28-mRNA-1	NA	NA		0	OsR498G0100600000.01.T05	
augustus_masked-1-processed-gene-91.58-mRNA-1	NA	NA		Os01g0265800	OsR498G0100614400.01.T03	UBP1-associated protein 2A
augustus_masked-10-processed-gene-104.39-mRNA-1	NA	Japonica		Os10g0427900	OsR498G1120366000.01.T05	

augustus_masked-10-processed-gene-109.38-mRNA-1	NA	NA		0	OsR498G1018786200.01.T02	
augustus_masked-10-processed-gene-114.23-mRNA-1	NA	NA		Os04g0168400	OsR498G0407618900.01.T01	PGG domain-containing protein (Fragment)
augustus_masked-10-processed-gene-116.12-mRNA-1	NA	NA		Os04g0166600	OsR498G0407611500.01.T05	Histone deacetylase complex subunit like
augustus_masked-10-processed-gene-119.3-mRNA-1	NA	NA		Os04g0155000	OsR498G0407591500.01.T01	
augustus_masked-10-processed-gene-119.4-mRNA-1	NA	NA		Os04g0161100	OsR498G0407591100.01.T01	
augustus_masked-10-processed-gene-121.24-mRNA-1	NA	NA		Os04g0155000	OsR498G0407573500.01.T01	
augustus_masked-10-processed-gene-121.25-mRNA-1	NA	NA		Os04g0154800	OsR498G0407573300.01.T01	
augustus_masked-10-processed-gene-121.26-mRNA-1	NA	NA		0	OsR498G0407573100.01.T01	DUF4220 domain-containing protein (Fragment)
augustus_masked-10-processed-gene-127.29-mRNA-1	NA	NA		0	OsR498G0306074300.01.T01	Retrotransposon protein, putative, Ty1-copia subclass
augustus_masked-10-processed-gene-127.5-mRNA-1	NA	NA		Os04g0141200	OsR498G0407537100.01.T01	Putative receptor-type protein kinase LRK1
augustus_masked-10-processed-gene-132.3-mRNA-1	NA	NA	Kinase	Os04g0125700	OsR498G0407520900.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-10-processed-gene-139.35-mRNA-1	NA	NA		Os04g0120300	OsR498G0407492700.01.T01	subtilisin-like protease SDD1
augustus_masked-10-processed-gene-139.59-mRNA-1	NA	NA		Os04g0118700		Pentatricopeptide repeat-containing protein chloroplastic
augustus_masked-10-processed-gene-142.16-mRNA-1	NA	NA				
augustus_masked-10-processed-gene-144.26-mRNA-1	NA	NA	CC-NBS-TM			NBS-LRR resistant protein (Fragment)
augustus_masked-10-processed-gene-146.25-mRNA-1	NA	NA		Os04g0107500		Glyoxylate/hydroxypyruvate reductase HPR3
augustus_masked-10-processed-gene-148.16-mRNA-1	NA	NA	Kinase-TM	Os04g0103500	OsR498G0407421200.01.T01	G-type lectin 5-receptor-like serine/threonine-protein kinase
augustus_masked-10-processed-gene-154.16-mRNA-1	NA	Japonica		Os10g0450900	OsR498G1018825800.01.T06	
augustus_masked-10-processed-gene-155.12-mRNA-1	NA	NA		0	OsR498G0408884400.01.T03	Epstein-Barr virus EBNA-1-like
augustus_masked-10-processed-gene-155.26-mRNA-1	NA	Japonica		Os10g0451900	OsR498G1018828000.01.T01	
augustus_masked-10-processed-gene-155.27-mRNA-1	NA	Japonica		Os10g0451700	OsR498G1018828000.01.T01	
augustus_masked-10-processed-gene-155.31-mRNA-1	NA	Japonica		Os10g0452300	OsR498G1018828200.01.T01	
augustus_masked-10-processed-gene-155.32-mRNA-1	NA	NA		Os10g0452400	OsR498G1018828400.01.T01	
augustus_masked-10-processed-gene-155.33-mRNA-1	NA	NA		Os10g0452500	OsR498G1018829200.01.T01	Glycine rich protein 3
augustus_masked-10-processed-gene-156.34-mRNA-1	NA	NA		Os10g0454300	OsR498G1018834200.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class, expressed
augustus_masked-10-processed-gene-156.35-mRNA-1	NA	NA		Os10g0454500	OsR498G1018834800.01.T01	Root cap-specific glycine-rich protein
augustus_masked-10-processed-gene-156.36-mRNA-1	NA	NA		Os10g0454700	OsR498G1018835400.01.T01	
augustus_masked-10-processed-gene-156.5-mRNA-1	NA	NA		Os10g0452700	OsR498G1018829600.01.T01	Glycine-rich cell wall structural protein 2 (Fragment)
augustus_masked-10-processed-gene-156.9-mRNA-1	NA	NA		Os10g0453000	OsR498G1018830800.01.T01	Root cap-specific glycine-rich protein
augustus_masked-10-processed-gene-159.40-mRNA-1	NA	NA		Os10g0459700	OsR498G1018848000.01.T01	Xyloglucan galactosyltransferase KATAMARI1
augustus_masked-10-processed-gene-160.49-mRNA-1	NA	Indica		Os10g0462300	OsR498G1018854400.01.T03	
augustus_masked-10-processed-gene-162.35-mRNA-1	NA	NA		0	OsR498G1018864600.01.T02	
augustus_masked-10-processed-gene-163.36-mRNA-1	NA	NA		Os10g0466200	OsR498G1018866600.01.T02	54S ribosomal protein L19, mitochondrial
augustus_masked-10-processed-gene-17.31-mRNA-1	NA	Japonica	Kinase-TM	Os10g0123300	OsR498G1018069800.01.T01	Mitogen-activated protein kinase
augustus_masked-10-processed-gene-25.16-mRNA-1	NA	NA	LRR-NBS-TM	Os10g0136100		NB-ARC domain containing protein, expressed
augustus_masked-10-processed-gene-27.36-mRNA-1	NA	NA		Os10g0139300	OsR498G1018115600.01.T01	F-box domain containing protein, expressed
augustus_masked-10-processed-gene-27.39-mRNA-1	NA	NA		Os10g0139700	OsR498G1018117600.01.T01	Cytochrome P450 family 87 subfamily A polypeptide 6
augustus_masked-10-processed-gene-30.29-mRNA-1	NA	NA		Os10g0145200	OsR498G1018134400.01.T02	F-box domain containing protein, expressed
augustus_masked-10-processed-gene-30.33-mRNA-1	NA	NA		0	OsR498G1018136600.01.T01	F-box domain-containing protein
augustus_masked-10-processed-gene-36.28-mRNA-1	NA	NA	Kinase-TM	Os10g0154500	OsR498G1018162400.01.T01	Cyclin-dependent kinase-like 2
augustus_masked-10-processed-gene-36.7-mRNA-1	NA	NA		Os10g0152000	OsR498G1018157400.01.T01	Wall-associated receptor kinase 3
augustus_masked-10-processed-gene-42.30-mRNA-1	NA	NA		Os10g0162300		C2H2-type domain-containing protein
augustus_masked-10-processed-gene-57.18-mRNA-1	NA	Indica		Os03g0658800	OsR498G1018274000.01.T03	
augustus_masked-10-processed-gene-60.25-mRNA-1	NA	NA		0	OsR498G1018299800.01.T01	PMEL domain-containing protein (Fragment)
augustus_masked-10-processed-gene-66.35-mRNA-1	NA	NA		0	OsR498G1018333000.01.T01	PMD domain-containing protein
augustus_masked-10-processed-gene-68.13-mRNA-1	NA	NA		0	OsR498G0510213600.01.T01	
augustus_masked-10-processed-gene-69.21-mRNA-1	NA	NA		Os08g0381000	OsR498G0917373300.01.T01	Retrotransposon protein, putative, Ty3-gypsy subclass
augustus_masked-10-processed-gene-87.19-mRNA-1	NA	Indica		Os10g0213700	OsR498G1018399800.01.T01	Acidic leucine-rich nuclear phosphoprotein 32-related protein
augustus_masked-10-processed-gene-88.22-mRNA-1	NA	NA		0	OsR498G0203809100.01.T01	DUF834 domain-containing protein
augustus_masked-10-processed-gene-92.4-mRNA-1	NA	NA		0	OsR498G0203809100.01.T01	DUF834 domain-containing protein
augustus_masked-10-processed-gene-98.17-mRNA-1	NA	NA		Os10g0318300		
augustus_masked-11-processed-gene-0.37-mRNA-1	NA	NA		Os11g0102700	OsR498G1119278000.01.T04	Sentrin-specific protease
augustus_masked-11-processed-gene-0.43-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-11-processed-gene-140.14-mRNA-1	NA	NA		0	OsR498G1221140400.01.T01	
augustus_masked-11-processed-gene-153.19-mRNA-1	NA	NA		Os11g0500100		HAT dimerisation domain-containing protein-like
augustus_masked-11-processed-gene-162.15-mRNA-1	NA	NA		Os11g0521500	OsR498G1120235000.01.T02	Acyl carrier protein 4, chloroplastic
augustus_masked-11-processed-gene-168.20-mRNA-1	NA	NA		Os11g0531900	OsR498G1120275200.01.T01	
augustus_masked-11-processed-gene-177.18-mRNA-1	NA	NA		0	OsR498G0511458200.01.T01	
augustus_masked-11-processed-gene-179.6-mRNA-1	NA	NA		Os11g0549670		Trihelix transcription factor ASIL2
augustus_masked-11-processed-gene-179.7-mRNA-1	NA	NA		Os11g0549675		
augustus_masked-11-processed-gene-191.5-mRNA-1	NA	NA		Os08g0381000	OsR498G0510190000.01.T01	Cell wall protein-like

augustus_masked-11-processed-gene-192.16-mRNA-1	NA	NA		Os01g0956300		
augustus_masked-11-processed-gene-197.7-mRNA-1	NA	NA		0	OsR498G0612698200.01.T01	
augustus_masked-11-processed-gene-202.35-mRNA-1	NA	NA		0	OsR498G0611633900.01.T01	
augustus_masked-11-processed-gene-203.21-mRNA-1	NA	NA	CC-NBS-TM	Os11g0598300	OsR498G1120448400.01.T01	Leucine Rich Repeat family protein, expressed
augustus_masked-11-processed-gene-211.3-mRNA-1	NA	NA	CC-NBS-TM	Os11g0609700	OsR498G1120489600.01.T01	Disease resistance protein RPM1
augustus_masked-11-processed-gene-219.12-mRNA-1	NA	NA	CC-LRR-NBS-TM	Os11g0623800	OsR498G1120539400.01.T03	Putative nucleotide-binding leucine-rich-repeat protein 1
augustus_masked-11-processed-gene-229.35-mRNA-1	NA	NA		0	OsR498G1120619800.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-11-processed-gene-230.2-mRNA-1	NA	NA		Os11g0642100	OsR498G1120621600.01.T01	F-box domain containing protein, expressed
augustus_masked-11-processed-gene-230.34-mRNA-1	NA	Indica		Os08g0364700	OsR498G1120673600.01.T01	
augustus_masked-11-processed-gene-230.4-mRNA-1	NA	NA		Os11g0642400	OsR498G1120622600.01.T01	Tryptamine benzoyl transferase
augustus_masked-11-processed-gene-242.5-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-11-processed-gene-244.4-mRNA-1	NA	NA	CC-Kinase-TM	Os11g0664000	OsR498G1120691000.01.T01	L-type lectin-domain containing receptor kinase IX.1
augustus_masked-11-processed-gene-245.11-mRNA-1	NA	NA	CC-NBS	Os11g0668000	OsR498G1120693800.01.T01	Putative NBS-LRR class RGA
augustus_masked-11-processed-gene-247.38-mRNA-1	NA	NA		0	OsR498G1120705000.01.T01	stachyose synthase
augustus_masked-11-processed-gene-247.40-mRNA-1	NA	NA		Os11g0673000	OsR498G1120707000.01.T03	Pentatricopeptide repeat
augustus_masked-11-processed-gene-249.38-mRNA-1	NA	NA		Os11g0677400	OsR498G1120716000.01.T01	Ribonucleases P/MRP protein subunit POP1 containing protein-like
augustus_masked-11-processed-gene-254.35-mRNA-1	NA	NA		0	OsR498G0408884400.01.T03	Epstein-Barr virus EBNA-1-like
augustus_masked-11-processed-gene-255.23-mRNA-1	NA	NA		0	OsR498G0511458200.01.T01	
augustus_masked-11-processed-gene-259.30-mRNA-1	NA	NA		Os10g0192300	OsR498G0306363500.01.T01	ATP-dependent DNA helicase
augustus_masked-11-processed-gene-26.21-mRNA-1	NA	NA		Os11g0191800	OsR498G1119549700.01.T01	Pectinesterase
augustus_masked-11-processed-gene-26.47-mRNA-1	NA	Japonica		Os11g0194600	OsR498G1119545900.01.T01	PMEI domain-containing protein
augustus_masked-11-processed-gene-26.49-mRNA-1	NA	NA		Os11g0194600	OsR498G1119545900.01.T01	PMEI domain-containing protein
augustus_masked-11-processed-gene-261.44-mRNA-1	NA	NA				Zinc finger protein ZAT5
augustus_masked-11-processed-gene-262.11-mRNA-1	NA	NA	NBS-TM	Os05g0250700	OsR498G0510149400.01.T01	NB-ARC domain, putative
augustus_masked-11-processed-gene-27.27-mRNA-1	NA	NA		0	OsR498G0204638300.01.T01	
augustus_masked-11-processed-gene-29.18-mRNA-1	NA	Japonica		Os11g0170900	OsR498G0407767500.01.T01	BURP domain-containing protein 5
augustus_masked-11-processed-gene-39.32-mRNA-1	NA	NA		Os11g0187600	OsR498G1119540600.01.T01	Heat shock 70 kDa protein 3
augustus_masked-11-processed-gene-41.32-mRNA-1	NA	NA		Os11g0191800	OsR498G1119549700.01.T01	Pectinesterase
augustus_masked-11-processed-gene-41.37-mRNA-1	NA	NA		Os11g0193800	OsR498G1119549700.01.T01	Pectinesterase
augustus_masked-11-processed-gene-62.34-mRNA-1	NA	NA				Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-11-processed-gene-62.37-mRNA-1	NA	Japonica		Os11g0194600	OsR498G1119545900.01.T01	PMEI domain-containing protein
augustus_masked-11-processed-gene-67.31-mRNA-1	NA	NA		Os11g0203000		
augustus_masked-11-processed-gene-69.27-mRNA-1	NA	NA		Os11g0206200	OsR498G1119583000.01.T04	Mitochondrial transcription termination factor-like
augustus_masked-11-processed-gene-69.28-mRNA-1	NA	NA		Os11g0206300	OsR498G1119583600.01.T01	Mitochondrial transcription termination factor-like family-1
augustus_masked-11-processed-gene-74.21-mRNA-1	NA	Indica	CC-NBS-TM	Os11g0213800	OsR498G1119611200.01.T01	NBS-LRR type protein (Fragment)
augustus_masked-11-processed-gene-76.33-mRNA-1	NA	NA		0	OsR498G1119618800.01.T01	Carboxyl-terminal peptidase, putative, expressed
augustus_masked-11-processed-gene-79.20-mRNA-1	NA	NA		Os11g0220800	OsR498G1119634100.01.T01	60S ribosomal protein L10
augustus_masked-11-processed-gene-83.18-mRNA-1	NA	NA	CC-LRR-NBS-TM			NBS-LRR type protein (Fragment)
augustus_masked-11-processed-gene-84.45-mRNA-1	NA	Indica		Os11g0231400	OsR498G1119654600.01.T01	F-box domain containing protein-like
augustus_masked-11-processed-gene-86.42-mRNA-1	NA	NA		0	OsR498G1119664800.01.T01	VQ domain-containing protein
augustus_masked-11-processed-gene-88.46-mRNA-1	NA	Japonica		Os11g0240000	OsR498G1119681000.01.T01	Gibberellin receptor GID1L2
augustus_masked-12-processed-gene-11.84-mRNA-1	NA	NA		0	OsR498G1220856000.01.T01	RRM domain-containing protein
augustus_masked-12-processed-gene-113.3-mRNA-1	NA	NA		Os12g0288400	OsR498G1221338800.01.T02	E3 ubiquitin-protein ligase RGLG1
augustus_masked-12-processed-gene-113.30-mRNA-1	NA	NA		Os12g0289800	OsR498G1221344000.01.T05	Pentatricopeptide, putative, expressed
augustus_masked-12-processed-gene-12.54-mRNA-1	NA	NA		Os12g0124400	OsR498G1119355200.01.T02	Arabinosyltransferase ARAD1
augustus_masked-12-processed-gene-127.26-mRNA-1	NA	Japonica	NBS	Os12g0409901	OsR498G1221377600.01.T02	ABC transporter domain-containing protein
augustus_masked-12-processed-gene-127.3-mRNA-1	NA	NA		0	OsR498G1221373700.01.T01	
augustus_masked-12-processed-gene-13.28-mRNA-1	NA	NA		Os12g0127200	OsR498G1220870600.01.T01	Harpin-induced protein 1 containing protein, expressed
augustus_masked-12-processed-gene-130.14-mRNA-1	NA	NA		Os12g0413400		
augustus_masked-12-processed-gene-132.11-mRNA-1	NA	Japonica		Os12g0415400	OsR498G1221397600.01.T01	Histone H3 (Trinotate prediction)
augustus_masked-12-processed-gene-132.22-mRNA-1	NA	NA		Os12g0415800	OsR498G1221397600.01.T01	Histone domain-containing protein (Fragment)
augustus_masked-12-processed-gene-139.29-mRNA-1	NA	NA	Kinase-TM	Os12g0427000		Cyclin-dependent kinase
augustus_masked-12-processed-gene-140.24-mRNA-1	NA	NA		Os12g0427600	OsR498G1221431000.01.T01	Subtilase family protein, expressed
augustus_masked-12-processed-gene-145.10-mRNA-1	NA	Japonica		Os12g0453500	OsR498G1221528600.01.T01	
augustus_masked-12-processed-gene-146.18-mRNA-1	NA	NA		Os10g0427400	OsR498G1018760500.01.T02	BTB/POZ domain containing protein, expressed
augustus_masked-12-processed-gene-148.19-mRNA-1	NA	NA		0	OsR498G1221454800.01.T01	
augustus_masked-12-processed-gene-165.14-mRNA-1	NA	NA		Os11g0515000	OsR498G1120218800.01.T01	Armadillo/beta-catenin-like repeat family protein, expressed
augustus_masked-12-processed-gene-189.7-mRNA-1	NA	NA		0	OsR498G0101192000.01.T01	Zinc knuckle containing protein-like
augustus_masked-12-processed-gene-199.30-mRNA-1	NA	NA	Kinase-TM	Os12g0500400		Lectin receptor kinase-like protein
augustus_masked-12-processed-gene-2.33-mRNA-1	NA	NA				Oleate 12-desaturase
augustus_masked-12-processed-gene-2.34-mRNA-1	NA	NA		Os12g0104400	OsR498G1119284600.01.T05	Temperature-sensitive omega-3 fatty acid desaturase, chloroplastic

augustus_masked-12-processed-gene-210.4-mRNA-1	NA	NA				F-box domain containing protein, expressed
augustus_masked-12-processed-gene-217.28-mRNA-1	NA	NA		0	OsR498G0100073600.01.T01	
augustus_masked-12-processed-gene-217.9-mRNA-1	NA	NA		0	OsR498G1221765200.01.T01	Metalloenzyme domain-containing protein/PhosphMutase domain-containi
augustus_masked-12-processed-gene-234.9-mRNA-1	NA	NA		Os03g0158000	OsR498G1221887800.01.T01	
augustus_masked-12-processed-gene-242.23-mRNA-1	NA	NA		Os12g0578600		C2H2-type domain-containing protein
augustus_masked-12-processed-gene-242.24-mRNA-1	NA	NA		Os12g0578700	OsR498G1221937000.01.T02	C2H2-type domain-containing protein
augustus_masked-12-processed-gene-244.21-mRNA-1	NA	Japonica		Os12g0582666	OsR498G1221955800.01.T01	Isoflavone 2'-hydroxylase
augustus_masked-12-processed-gene-246.3-mRNA-1	NA	NA		Os12g0585200	OsR498G1221976200.01.T03	DUF295 domain-containing protein (Fragment)
augustus_masked-12-processed-gene-257.18-mRNA-1	NA	Japonica	Kinase-TM	Os12g0603700	OsR498G0306613200.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-12-processed-gene-260.9-mRNA-1	NA	Indica	Kinase-TM	Os12g0608500	OsR498G1222075300.01.T01	L-type lectin-domain containing receptor kinase IX.1
augustus_masked-12-processed-gene-266.40-mRNA-1	NA	NA		0	OsR498G1222120200.01.T07	
augustus_masked-12-processed-gene-267.18-mRNA-1	NA	NA		Os12g0618800	OsR498G1222122000.01.T01	Core-2/-l-branching beta-16-N-acetylglucosaminyltransferase family protein
augustus_masked-12-processed-gene-272.44-mRNA-1	NA	NA		Os12g0630100	OsR498G1222152600.01.T01	Thaumatococcus-like protein (Fragment)
augustus_masked-12-processed-gene-276.25-mRNA-1	NA	NA	CC-NBS-TM	Os07g0105900		NB-ARC domain-containing protein
augustus_masked-12-processed-gene-276.7-mRNA-1	NA	NA		Os07g0105300	OsR498G0713369000.01.T02	Neurofilament heavy polypeptide
augustus_masked-12-processed-gene-277.20-mRNA-1	NA	NA		0	OsR498G0713376400.01.T01	
augustus_masked-12-processed-gene-277.5-mRNA-1	NA	NA		0	OsR498G0713374400.01.T01	
augustus_masked-12-processed-gene-278.51-mRNA-1	NA	NA		Os07g0109100	OsR498G0713381000.01.T01	DUF4220 domain-containing protein (Fragment)
augustus_masked-12-processed-gene-278.68-mRNA-1	NA	NA		Os07g0110200	OsR498G0713385200.01.T01	Nucleolar GTP-binding protein 1
augustus_masked-12-processed-gene-28.55-mRNA-1	NA	Japonica		Os12g0153200	OsR498G1119432200.01.T01	
augustus_masked-12-processed-gene-280.59-mRNA-1	NA	NA		Os07g0113700	OsR498G0713400200.01.T01	Suppressor of RPS4-RLD 1
augustus_masked-12-processed-gene-282.26-mRNA-1	NA	NA		Os04g0559000	OsR498G0409063400.01.T01	Subtilisin-like protease
augustus_masked-12-processed-gene-282.7-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus_masked-12-processed-gene-285.64-mRNA-1	NA	NA		Os02g0670900	OsR498G0409082600.01.T01	Amino acid transporter like
augustus_masked-12-processed-gene-286.5-mRNA-1	NA	NA		Os04g0566000	OsR498G0409083800.01.T03	Nucleotide-diphospho-sugar transferase family protein (Fragment)
augustus_masked-12-processed-gene-287.41-mRNA-1	NA	NA		Os02g0673700	OsR498G0409093200.01.T04	Dof zinc finger protein 1
augustus_masked-12-processed-gene-29.31-mRNA-1	NA	Japonica		Os12g0155000	OsR498G1220962000.01.T01	Germin-like protein 12-1
augustus_masked-12-processed-gene-30.22-mRNA-1	NA	NA		Os12g0156500		F-box domain containing protein, expressed
augustus_masked-12-processed-gene-31.22-mRNA-1	NA	NA		Os12g0158400	OsR498G1220979400.01.T02	Transcription repressor
augustus_masked-12-processed-gene-31.25-mRNA-1	NA	Japonica		Os12g0158700	OsR498G1119445600.01.T01	
augustus_masked-12-processed-gene-31.28-mRNA-1	NA	NA		Os12g0159000	OsR498G1220983000.01.T01	Harpin-induced protein 1 containing protein, expressed
augustus_masked-12-processed-gene-32.6-mRNA-1	NA	NA		0	OsR498G1220985600.01.T01	
augustus_masked-12-processed-gene-33.35-mRNA-1	NA	NA		0	OsR498G1220996400.01.T01	PHD domain-containing protein
augustus_masked-12-processed-gene-5.58-mRNA-1	NA	Japonica		Os12g0109300	OsR498G1119303000.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-12-processed-gene-54.11-mRNA-1	NA	Japonica		Os12g0199800	OsR498G0816429700.01.T01	Oryza sativa E synthase
augustus_masked-12-processed-gene-63.37-mRNA-1	NA	Japonica	LRR-TM	Os12g0215950	OsR498G1221115800.01.T01	Leucine Rich Repeat family protein, expressed
augustus_masked-12-processed-gene-68.28-mRNA-1	NA	NA		Os12g0223100		
augustus_masked-12-processed-gene-8.23-mRNA-1	NA	NA		Os11g0116500	OsR498G1119324200.01.T02	
augustus_masked-2-processed-gene-160.30-mRNA-1	NA	NA		Os02g0468450		
augustus_masked-2-processed-gene-169.12-mRNA-1	NA	NA		Os08g0487300	OsR498G0102102900.01.T01	Transposon protein, putative, Mutator sub-class, expressed
augustus_masked-2-processed-gene-351.18-mRNA-1	NA	NA		Os06g0641900	OsR498G0613042400.01.T01	Premnaspirodione oxygenase
augustus_masked-2-processed-gene-87.31-mRNA-1	NA	NA		Os02g0254550		BED-type domain-containing protein
augustus_masked-3-processed-gene-1.1-mRNA-1	NA	Japonica		Os03g0105300	OsR498G0305082800.01.T01	
augustus_masked-3-processed-gene-115.14-mRNA-1	NA	Indica		Os03g0324300	OsR498G0305853900.01.T02	Ethylene signal transcription factor
augustus_masked-3-processed-gene-116.9-mRNA-1	NA	NA		0	OsR498G1018413900.01.T01	
augustus_masked-3-processed-gene-118.0-mRNA-1	NA	NA		Os06g0289300	OsR498G0305073300.01.T03	Protein kinase domain-containing protein
augustus_masked-3-processed-gene-118.10-mRNA-1	NA	NA		Os03g0102500	OsR498G0305072400.01.T01	Beta expansin 3
augustus_masked-3-processed-gene-120.44-mRNA-1	NA	NA		Os10g0558600	OsR498G1019186300.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-3-processed-gene-120.45-mRNA-1	NA	NA		Os10g0558800	OsR498G1019187100.01.T01	Sorbitol transporter
augustus_masked-3-processed-gene-120.72-mRNA-1	NA	NA		0	OsR498G1019189000.01.T02	
augustus_masked-3-processed-gene-121.56-mRNA-1	NA	NA		0	OsR498G1019198300.01.T01	Protein kinase domain-containing protein
augustus_masked-3-processed-gene-121.70-mRNA-1	NA	NA		Os10g0562000	OsR498G1019200400.01.T01	Actin cytoskeleton-regulatory complex protein SLA1 (Fragment)
augustus_masked-3-processed-gene-122.53-mRNA-1	NA	NA		Os10g0562900	OsR498G1019203700.01.T02	Ethylene-responsive transcription factor 5
augustus_masked-3-processed-gene-123.10-mRNA-1	NA	NA		Os10g0564300	OsR498G1019209200.01.T01	60S ribosomal protein L27
augustus_masked-3-processed-gene-123.3-mRNA-1	NA	NA		Os10g0564200	OsR498G1019208700.01.T02	Trihelix transcription factor
augustus_masked-3-processed-gene-124.10-mRNA-1	NA	NA		Os10g0566400	OsR498G1019218100.01.T01	Putative RING-H2 finger protein ATL53
augustus_masked-3-processed-gene-124.9-mRNA-1	NA	NA		Os10g0566300	OsR498G1019217300.01.T01	F-box protein interaction domain containing protein, expressed
augustus_masked-3-processed-gene-125.51-mRNA-1	NA	NA		Os10g0567500		Mitochondrial protein ymf11
augustus_masked-3-processed-gene-125.57-mRNA-1	NA	NA		Os10g0567600	OsR498G1019221800.01.T01	
augustus_masked-3-processed-gene-132.22-mRNA-1	NA	NA		Os03g0100150	OsR498G0305066500.01.T01	PMEI domain-containing protein (Fragment)
augustus_masked-3-processed-gene-132.30-mRNA-1	NA	NA		0	OsR498G0305065200.01.T01	Protein TORNADO like

augustus_masked-3-processed-gene-140.55-mRNA-1	NA	NA		Os10g0543150		
augustus_masked-3-processed-gene-143.18-mRNA-1	NA	NA		Os05g0256350		HAT dimerisation domain-containing protein-like
augustus_masked-3-processed-gene-146.43-mRNA-1	NA	NA		Os10g0555300	OsR498G1019167000.01.T01	Zinc finger protein ZAT9
augustus_masked-3-processed-gene-147.6-mRNA-1	NA	NA		Os06g0100266		zf-LSD1 domain-containing protein
augustus_masked-3-processed-gene-148.34-mRNA-1	NA	Indica		Os03g0324300	OsR498G0305853900.01.T02	Ethylene signal transcription factor
augustus_masked-3-processed-gene-152.50-mRNA-1	NA	NA		Os08g0514300		Ulp1 protease family, C-terminal catalytic domain containing protein, expres
augustus_masked-3-processed-gene-158.20-mRNA-1	NA	Indica		Os03g0343700	OsR498G0305924100.01.T01	Brix domain containing protein, expressed
augustus_masked-3-processed-gene-159.36-mRNA-1	NA	NA		Os03g0343900	OsR498G0305924900.01.T01	Ultraviolet-B-repressible protein (Fragment)
augustus_masked-3-processed-gene-159.57-mRNA-1	NA	NA		Os03g0345300	OsR498G0305928800.01.T01	Desiccation-related protein PCC13-62
augustus_masked-3-processed-gene-16.22-mRNA-1	NA	NA		Os03g0132600	OsR498G0305178700.01.T01	
augustus_masked-3-processed-gene-16.27-mRNA-1	NA	NA	LRR-TM	Os03g0133400	OsR498G0305181500.01.T01	Chitin elicitor-binding protein (Fragment)
augustus_masked-3-processed-gene-160.1-mRNA-1	NA	NA		0	OsR498G0305933500.01.T01	
augustus_masked-3-processed-gene-160.8-mRNA-1	NA	Indica		Os05g0375400	OsR498G0305935700.01.T01	Truncated pathogenesis-related protein 6
augustus_masked-3-processed-gene-162.62-mRNA-1	NA	NA		Os03g0351200	OsR498G0305948400.01.T01	Divinyl chlorophyllide a 8-vinyl-reductase
augustus_masked-3-processed-gene-166.23-mRNA-1	NA	NA		Os03g0360600	OsR498G0305990700.01.T01	Transcription termination factor MTEF1, chloroplastic
augustus_masked-3-processed-gene-167.1-mRNA-1	NA	NA		0	OsR498G0917372400.01.T01	BKRF1 encodes EBNA-1 protein-like
augustus_masked-3-processed-gene-169.6-mRNA-1	NA	NA		Os03g0355100	OsR498G0305965400.01.T02	
augustus_masked-3-processed-gene-169.7-mRNA-1	NA	NA		Os03g0355300	OsR498G0305965400.01.T02	
augustus_masked-3-processed-gene-17.1-mRNA-1	NA	NA		0	OsR498G0305184100.01.T01	
augustus_masked-3-processed-gene-17.6-mRNA-1	NA	Indica		Os03g0134632	OsR498G0305184000.01.T01	Cytochrome P450 family 78 subfamily A polypeptide 8
augustus_masked-3-processed-gene-172.42-mRNA-1	NA	Indica		Os03g0356900	OsR498G0305987200.01.T01	Isopentenyl transferase IPT2
augustus_masked-3-processed-gene-173.20-mRNA-1	NA	NA		Os05g0367000	OsR498G0510679800.01.T01	PHD finger-like domain-containing protein 5b-like
augustus_masked-3-processed-gene-174.21-mRNA-1	NA	NA		Os05g0369300	OsR498G0510689500.01.T01	Exocyst subunit Exo70 family protein (Fragment)
augustus_masked-3-processed-gene-182.53-mRNA-1	NA	NA		Os03g0373100		
augustus_masked-3-processed-gene-183.5-mRNA-1	NA	NA		Os03g0375100	OsR498G0306036800.01.T01	Amino acid permease family protein, putative, expressed
augustus_masked-3-processed-gene-185.22-mRNA-1	NA	NA		Os03g0379500	OsR498G0305248900.01.T01	30S ribosomal protein S4, chloroplastic
augustus_masked-3-processed-gene-195.21-mRNA-1	NA	NA		Os03g0394800		
augustus_masked-3-processed-gene-195.31-mRNA-1	NA	NA		Os09g0545000	OsR498G0510827500.01.T01	Cation/H(+) antiporter 1
augustus_masked-3-processed-gene-198.18-mRNA-1	NA	Indica		Os03g0399900	OsR498G0306125700.01.T01	Jacalin-type lectin domain-containing protein
augustus_masked-3-processed-gene-206.20-mRNA-1	NA	NA		Os03g0328200		Transposon protein, putative, CACTA, En/Spm sub-class
augustus_masked-3-processed-gene-208.15-mRNA-1	NA	NA		Os03g0413000	OsR498G0306193300.01.T02	Nuclear transcription factor Y subunit B
augustus_masked-3-processed-gene-208.2-mRNA-1	NA	Indica		Os03g0412200	OsR498G0306190700.01.T02	Cysteine synthase 2-like isoform X1
augustus_masked-3-processed-gene-209.14-mRNA-1	NA	NA		Os03g0414900	OsR498G0306203100.01.T01	
augustus_masked-3-processed-gene-209.7-mRNA-1	NA	NA		Os03g0414100	OsR498G0306198600.01.T01	
augustus_masked-3-processed-gene-211.19-mRNA-1	NA	Japonica		Os03g0417700	OsR498G0306216600.01.T01	Cytochrome P450, family 78, subfamily A, polypeptide 10 (Fragment)
augustus_masked-3-processed-gene-231.16-mRNA-1	NA	NA		Os07g0433200	OsR498G0510328900.01.T01	Retrotransposon protein, putative, Ty1-copia subclass
augustus_masked-3-processed-gene-234.15-mRNA-1	NA	NA		Os03g0570300	OsR498G0306410800.01.T06	Antigenic determinant of rec-A protein
augustus_masked-3-processed-gene-236.0-mRNA-1	NA	NA				Circumsporozoite protein-like
augustus_masked-3-processed-gene-236.23-mRNA-1	NA	NA		0	OsR498G0306419400.01.T01	SRF-type transcription factor family protein
augustus_masked-3-processed-gene-236.24-mRNA-1	NA	NA		0	OsR498G0306419800.01.T01	DUF834 domain-containing protein
augustus_masked-3-processed-gene-237.13-mRNA-1	NA	NA		Os03g0574600		Potassium transporter 27-like isoform X1
augustus_masked-3-processed-gene-238.31-mRNA-1	NA	Indica		Os06g0127800	OsR498G0306431100.01.T01	GRAS domain-containing protein
augustus_masked-3-processed-gene-238.41-mRNA-1	NA	NA		Os04g0444600	OsR498G0306432300.01.T04	26S proteasome non-ATPase regulatory subunit 11
augustus_masked-3-processed-gene-238.42-mRNA-1	NA	NA		Os03g0576400	OsR498G0306432300.01.T04	26S proteasome non-ATPase regulatory subunit 11
augustus_masked-3-processed-gene-238.43-mRNA-1	NA	Indica		Os03g0576500	OsR498G0306432500.01.T01	PCI domain-containing protein
augustus_masked-3-processed-gene-238.46-mRNA-1	NA	NA		0	OsR498G0306435300.01.T01	
augustus_masked-3-processed-gene-238.49-mRNA-1	NA	NA		0	OsR498G0613146100.01.T01	OTU domain-containing protein
augustus_masked-3-processed-gene-239.19-mRNA-1	NA	NA		0	OsR498G0100073600.01.T01	
augustus_masked-3-processed-gene-239.21-mRNA-1	NA	NA		Os03g0579000	OsR498G0306448000.01.T01	PDZ domain-containing protein (Fragment)
augustus_masked-3-processed-gene-239.6-mRNA-1	NA	Japonica		Os10g0391500	OsR498G0306438100.01.T07	Protein kinase domain-containing protein
augustus_masked-3-processed-gene-239.8-mRNA-1	NA	Indica		Os03g0578500	OsR498G0306438900.01.T01	Myosin-2
augustus_masked-3-processed-gene-240.22-mRNA-1	NA	NA		Os08g0381000	OsR498G0510193500.01.T01	Cell wall protein-like
augustus_masked-3-processed-gene-242.0-mRNA-1	NA	NA		0	OsR498G0306455700.01.T01	
augustus_masked-3-processed-gene-242.7-mRNA-1	NA	NA	Kinase-TM	Os03g0269300	OsR498G0305649000.01.T01	Protein kinase domain-containing protein (Fragment)
augustus_masked-3-processed-gene-244.0-mRNA-1	NA	NA		Os03g0586900	OsR498G0306468100.01.T01	Putative DNA-binding protein, putative
augustus_masked-3-processed-gene-244.12-mRNA-1	NA	NA		0	OsR498G0306472300.01.T01	NAC domain-containing protein
augustus_masked-3-processed-gene-244.9-mRNA-1	NA	NA		Os03g0587600	OsR498G0306469500.01.T01	CCHC-type domain-containing protein
augustus_masked-3-processed-gene-245.6-mRNA-1	NA	NA		Os03g0589100	OsR498G0306476800.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-3-processed-gene-246.12-mRNA-1	NA	Indica		Os02g0315600	OsR498G0306481700.01.T01	BHLH domain-containing protein (Fragment)
augustus_masked-3-processed-gene-246.15-mRNA-1	NA	NA		Os03g0589100	OsR498G0306476800.01.T01	Retrotransposon protein, putative, unclassified
augustus_masked-3-processed-gene-247.12-mRNA-1	NA	NA		Os03g0593100	OsR498G0306486700.01.T01	

augustus_masked-3-processed-gene-248.13-mRNA-1	NA	NA				
augustus_masked-3-processed-gene-249.33-mRNA-1	NA	NA		Os03g0596700	OsR498G0306497900.01.T01	
augustus_masked-3-processed-gene-250.4-mRNA-1	NA	NA		Os03g0597200	OsR498G0306499400.01.T02	Pentatricopeptide repeat-containing protein chloroplastic
augustus_masked-3-processed-gene-251.44-mRNA-1	NA	NA		0	OsR498G0306507900.01.T03	Ultraviolet-B receptor UVR8
augustus_masked-3-processed-gene-251.52-mRNA-1	NA	NA	LRR-NBS-TM	Os03g0599400		Leucine Rich Repeat family protein, expressed
augustus_masked-3-processed-gene-252.7-mRNA-1	NA	NA		0	OsR498G0306510800.01.T02	DUF295 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-253.1-mRNA-1	NA	NA		Os03g0602300	OsR498G0306516100.01.T01	Brassinosteroid-6-oxidase
augustus_masked-3-processed-gene-253.14-mRNA-1	NA	NA		Os03g0603700		Presenilin
augustus_masked-3-processed-gene-254.33-mRNA-1	NA	Indica		Os08g0130300	OsR498G0306527200.01.T02	Tetratricopeptide repeat (TPR)-like superfamily protein
augustus_masked-3-processed-gene-254.6-mRNA-1	NA	NA		Os03g0604200	OsR498G0306523600.01.T01	UDP-glucose 6-dehydrogenase 5
augustus_masked-3-processed-gene-255.22-mRNA-1	NA	NA		0	OsR498G0203224200.01.T01	
augustus_masked-3-processed-gene-255.36-mRNA-1	NA	NA				Metal transporter Nramp3
augustus_masked-3-processed-gene-256.16-mRNA-1	NA	NA		Os03g0607700	OsR498G0306537600.01.T01	Zinc finger protein 1
augustus_masked-3-processed-gene-256.18-mRNA-1	NA	NA		Os03g0608000		
augustus_masked-3-processed-gene-257.19-mRNA-1	NA	NA		Os03g0610400	OsR498G0306547800.01.T01	C2H2 type zinc finger transcription factor ZFP31
augustus_masked-3-processed-gene-258.31-mRNA-1	NA	Japonica		Os03g0612400	OsR498G0306552900.01.T01	LOB domain-containing protein 6
augustus_masked-3-processed-gene-259.4-mRNA-1	NA	NA		0	OsR498G0306554000.01.T03	50S ribosomal protein L25
augustus_masked-3-processed-gene-259.7-mRNA-1	NA	NA		0	OsR498G0306556200.01.T01	ARF guanine-nucleotide exchange factor GNOM
augustus_masked-3-processed-gene-260.11-mRNA-1	NA	NA		Os07g0433200	OsR498G0510328900.01.T01	
augustus_masked-3-processed-gene-261.27-mRNA-1	NA	NA		Os03g0616500		
augustus_masked-3-processed-gene-261.51-mRNA-1	NA	Japonica		Os03g0616600	OsR498G0306563600.01.T01	Condensin-2 complex subunit G2
augustus_masked-3-processed-gene-262.2-mRNA-1	NA	Japonica		Os03g0617700	OsR498G0100564100.01.T01	
augustus_masked-3-processed-gene-262.20-mRNA-1	NA	NA		0	OsR498G0306572500.01.T01	TF-B3 domain-containing protein
augustus_masked-3-processed-gene-263.34-mRNA-1	NA	NA				B3 domain-containing protein
augustus_masked-3-processed-gene-264.27-mRNA-1	NA	NA		Os10g0427900	OsR498G1120366000.01.T05	
augustus_masked-3-processed-gene-264.34-mRNA-1	NA	NA		Os10g0429500		
augustus_masked-3-processed-gene-264.35-mRNA-1	NA	NA		Os10g0429500	OsR498G1018758700.01.T01	Speckle-type POZ protein
augustus_masked-3-processed-gene-264.36-mRNA-1	NA	NA		Os10g0429300	OsR498G1018762100.01.T01	Speckle-type POZ protein B
augustus_masked-3-processed-gene-264.8-mRNA-1	NA	Indica		Os11g0139400	OsR498G0306581700.01.T01	TPT domain-containing protein
augustus_masked-3-processed-gene-264.9-mRNA-1	NA	NA		Os02g0212975	OsR498G0202873200.01.T01	
augustus_masked-3-processed-gene-279.21-mRNA-1	NA	NA				
augustus_masked-3-processed-gene-281.40-mRNA-1	NA	NA		Os10g0400500	OsR498G1018659000.01.T01	Pyridoxal phosphate-dependent decarboxylase
augustus_masked-3-processed-gene-287.31-mRNA-1	NA	Indica		Os10g0391500	OsR498G0306438100.01.T03	Protein kinase domain-containing protein
augustus_masked-3-processed-gene-287.34-mRNA-1	NA	NA		Os10g0391200	OsR498G1018629400.01.T07	F-box protein interaction domain containing protein, expressed
augustus_masked-3-processed-gene-297.42-mRNA-1	NA	NA		0	OsR498G0509784600.01.T01	
augustus_masked-3-processed-gene-302.25-mRNA-1	NA	NA		Os10g0369500	OsR498G1018557800.01.T01	Yippee domain-containing protein
augustus_masked-3-processed-gene-302.27-mRNA-1	NA	NA		Os10g0369000	OsR498G1018557000.01.T01	Glutamyl-tRNA synthetase
augustus_masked-3-processed-gene-304.20-mRNA-1	NA	NA		Os10g0365300	OsR498G1018552900.01.T01	Glutathione S-transferase U16
augustus_masked-3-processed-gene-305.18-mRNA-1	NA	NA		Os10g0362700	OsR498G1018545900.01.T01	
augustus_masked-3-processed-gene-309.6-mRNA-1	NA	NA	NBS-TM			Disease resistance protein RPM1
augustus_masked-3-processed-gene-317.32-mRNA-1	NA	NA		Os10g0343000	OsR498G1018499500.01.T01	
augustus_masked-3-processed-gene-318.0-mRNA-1	NA	NA	Kinase-TM	Os10g0342300	OsR498G0408563300.01.T01	Non-specific serine/threonine protein kinase (Fragment)
augustus_masked-3-processed-gene-326.12-mRNA-1	NA	NA		0	OsR498G1018457600.01.T01	Rapid alkalization factor
augustus_masked-3-processed-gene-326.29-mRNA-1	NA	NA		Os10g0328700	OsR498G1018456700.01.T01	Pre-mrna-splicing factor clf-1
augustus_masked-3-processed-gene-326.30-mRNA-1	NA	NA		0	OsR498G1018455500.01.T01	WRKY transcription factor 18
augustus_masked-3-processed-gene-327.19-mRNA-1	NA	NA		Os10g0326800	OsR498G1018446200.01.T01	F-box domain-containing protein (Fragment)
augustus_masked-3-processed-gene-328.22-mRNA-1	NA	NA		Os10g0152000	OsR498G1018445500.01.T01	Putative WAK family receptor-like protein kinase
augustus_masked-3-processed-gene-329.24-mRNA-1	NA	NA		0	OsR498G1018435100.01.T05	
augustus_masked-3-processed-gene-330.17-mRNA-1	NA	NA		Os10g0322300	OsR498G0916750300.01.T01	Replication protein-like
augustus_masked-3-processed-gene-331.0-mRNA-1	NA	NA		Os03g0647400		GCK domain-containing protein (Fragment)
augustus_masked-3-processed-gene-343.34-mRNA-1	NA	NA		Os03g0570300	OsR498G0306410800.01.T06	Antigenic determinant of rec-A protein
augustus_masked-3-processed-gene-345.11-mRNA-1	NA	NA				Circumsporozoite protein-like
augustus_masked-3-processed-gene-345.34-mRNA-1	NA	NA		0	OsR498G0306419400.01.T01	SRF-type transcription factor family protein
augustus_masked-3-processed-gene-345.35-mRNA-1	NA	NA		0	OsR498G0306419800.01.T01	DUF834 domain-containing protein
augustus_masked-3-processed-gene-345.38-mRNA-1	NA	NA	LRR-NBS-TM	Os03g0573500	OsR498G0306422200.01.T01	Putative disease resistance protein RGA3
augustus_masked-3-processed-gene-346.16-mRNA-1	NA	NA		Os03g0574600		Potassium transporter 27-like isoform X1
augustus_masked-3-processed-gene-347.1-mRNA-1	NA	Indica		Os06g0127800	OsR498G0306431100.01.T01	GRAS domain-containing protein
augustus_masked-3-processed-gene-347.13-mRNA-1	NA	NA		Os04g0444600	OsR498G0306432300.01.T04	26S proteasome non-ATPase regulatory subunit 11
augustus_masked-3-processed-gene-347.14-mRNA-1	NA	NA		Os03g0576400	OsR498G0306432300.01.T04	26S proteasome non-ATPase regulatory subunit 11
augustus_masked-3-processed-gene-347.15-mRNA-1	NA	Indica		Os03g0576500	OsR498G0306432500.01.T01	PCI domain-containing protein
augustus_masked-3-processed-gene-348.14-mRNA-1	NA	Japonica		Os10g0391500	OsR498G0306438100.01.T07	Protein kinase domain-containing protein

augustus_masked-3-processed-gene-348.27-mRNA-1	NA	NA		0	OsR498G0100073600.01.T01	
augustus_masked-3-processed-gene-348.4-mRNA-1	NA	NA		0	OsR498G0613146100.01.T01	OTU domain-containing protein
augustus_masked-3-processed-gene-349.28-mRNA-1	NA	NA		Os03g0579000	OsR498G0306440800.01.T01	PDZ domain-containing protein (Fragment)
augustus_masked-3-processed-gene-350.0-mRNA-1	NA	NA		0	OsR498G0306448100.01.T03	Cytokinin-O-glucosyltransferase 2
augustus_masked-3-processed-gene-350.4-mRNA-1	NA	NA		Os08g0381000	OsR498G0510193500.01.T01	Cell wall protein-like
augustus_masked-3-processed-gene-351.43-mRNA-1	NA	NA		0	OsR498G0306455700.01.T01	
augustus_masked-3-processed-gene-353.49-mRNA-1	NA	NA		Os03g0586900	OsR498G0306468100.01.T01	Putative DNA-binding protein, putative
augustus_masked-3-processed-gene-353.52-mRNA-1	NA	NA		Os03g0587600	OsR498G0306469500.01.T01	CCHC-type domain-containing protein
augustus_masked-3-processed-gene-354.0-mRNA-1	NA	NA		0	OsR498G0306472300.01.T01	NAC domain-containing protein
augustus_masked-3-processed-gene-354.1-mRNA-1	NA	NA		Os03g0588200	OsR498G0306473300.01.T01	Zinc finger E-box binding homeobox 1
augustus_masked-3-processed-gene-354.27-mRNA-1	NA	Indica		Os03g0589100	OsR498G0306476800.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-3-processed-gene-355.16-mRNA-1	NA	Indica		Os02g0315600	OsR498G0306481700.01.T01	BHLH domain-containing protein (Fragment)
augustus_masked-3-processed-gene-355.23-mRNA-1	NA	NA		Os03g0589100	OsR498G0306476800.01.T01	Retrotransposon protein, putative, unclassified
augustus_masked-3-processed-gene-356.20-mRNA-1	NA	NA		Os03g0593100	OsR498G0306486700.01.T01	
augustus_masked-3-processed-gene-357.20-mRNA-1	NA	NA				
augustus_masked-3-processed-gene-358.27-mRNA-1	NA	NA		Os03g0596700	OsR498G0306497900.01.T01	
augustus_masked-3-processed-gene-359.24-mRNA-1	NA	NA		Os03g0597600	OsR498G0306500800.01.T01	N-terminal nucleophile aminohydrolases (Ntn hydrolases) superfamily prote
augustus_masked-3-processed-gene-359.6-mRNA-1	NA	NA		Os03g0597200	OsR498G0306499400.01.T02	Pentatricopeptide repeat-containing protein chloroplastic
augustus_masked-3-processed-gene-359.7-mRNA-1	NA	NA		Os03g0597400	OsR498G0306500200.01.T01	DUF1618 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-360.14-mRNA-1	NA	NA	LRR-NBS-TM	Os03g0599400		Leucine Rich Repeat family protein, expressed
augustus_masked-3-processed-gene-360.9-mRNA-1	NA	NA		0	OsR498G0306507900.01.T01	Ultraviolet-B receptor UVR8
augustus_masked-3-processed-gene-361.16-mRNA-1	NA	NA		0	OsR498G0306510800.01.T02	DUF295 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-362.17-mRNA-1	NA	NA		Os03g0602300	OsR498G0306516100.01.T01	Brassinosteroid-6-oxidase
augustus_masked-3-processed-gene-362.31-mRNA-1	NA	Indica		Os03g0603300	OsR498G0306521200.01.T02	Transcription initiation factor TFIID subunit 8
augustus_masked-3-processed-gene-363.13-mRNA-1	NA	Japonica		Os03g0603700	OsR498G0100655000.01.T01	Presenilin
augustus_masked-3-processed-gene-363.14-mRNA-1	NA	Japonica		Os03g0603700	OsR498G0306522900.01.T02	Presenilin
augustus_masked-3-processed-gene-363.34-mRNA-1	NA	NA		Os03g0604200	OsR498G0306523600.01.T01	UDP-glucose 6-dehydrogenase 5
augustus_masked-3-processed-gene-363.37-mRNA-1	NA	NA		0	OsR498G0917172900.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-3-processed-gene-363.38-mRNA-1	NA	NA				Retrotransposon protein, putative, unclassified
augustus_masked-3-processed-gene-364.12-mRNA-1	NA	Indica		Os08g0130300	OsR498G0306527200.01.T02	Tetratricopeptide repeat (TPR)-like superfamily protein
augustus_masked-3-processed-gene-365.23-mRNA-1	NA	NA		Os03g0607700	OsR498G0306537600.01.T01	Zinc finger protein 1
augustus_masked-3-processed-gene-365.25-mRNA-1	NA	NA		Os03g0608000		
augustus_masked-3-processed-gene-365.4-mRNA-1	NA	NA				Metal transporter Nramp3
augustus_masked-3-processed-gene-367.19-mRNA-1	NA	NA		Os03g0610400	OsR498G0306547800.01.T01	C2H2 type zinc finger transcription factor ZFP31
augustus_masked-3-processed-gene-368.1-mRNA-1	NA	Japonica		Os03g0612400	OsR498G0306552900.01.T01	LOB domain-containing protein 6
augustus_masked-3-processed-gene-369.16-mRNA-1	NA	NA		Os07g0433200	OsR498G0510328900.01.T01	
augustus_masked-3-processed-gene-369.17-mRNA-1	NA	Japonica		Os03g0615300	OsR498G0306500200.01.T01	DUF1618 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-370.34-mRNA-1	NA	NA		Os03g0616500		
augustus_masked-3-processed-gene-371.5-mRNA-1	NA	Japonica		Os03g0617700	OsR498G0100564100.01.T01	
augustus_masked-3-processed-gene-372.30-mRNA-1	NA	NA		0	OsR498G0306572500.01.T01	TF-B3 domain-containing protein
augustus_masked-3-processed-gene-372.40-mRNA-1	NA	NA				B3 domain-containing protein
augustus_masked-3-processed-gene-373.22-mRNA-1	NA	NA		Os02g0212975	OsR498G0202873200.01.T01	
augustus_masked-3-processed-gene-389.34-mRNA-1	NA	NA		Os03g0650400	OsR498G0306678300.01.T05	Elongation factor Tu GTP-binding domain-containing protein 1
augustus_masked-3-processed-gene-389.35-mRNA-1	NA	NA		Os03g0650700	OsR498G0306679300.01.T02	Ribosomal protein S5/Elongation factor G/III/V family protein
augustus_masked-3-processed-gene-389.43-mRNA-1	NA	NA		Os03g0650200	OsR498G0306676600.01.T01	Flavonoid 3'-monooxygenase
augustus_masked-3-processed-gene-39.70-mRNA-1	NA	NA		0	OsR498G0305324200.01.T01	
augustus_masked-3-processed-gene-392.9-mRNA-1	NA	NA		Os03g0655500	OsR498G0306697700.01.T01	E3 ubiquitin-protein ligase KEG
augustus_masked-3-processed-gene-393.42-mRNA-1	NA	NA		Os03g0657000	OsR498G0306704300.01.T02	TATA-box-binding protein isoform D
augustus_masked-3-processed-gene-395.32-mRNA-1	NA	Indica		Os03g0659700	OsR498G0306717700.01.T01	LOB transcription factor
augustus_masked-3-processed-gene-395.34-mRNA-1	NA	Indica		Os06g0145950	OsR498G0306718700.01.T01	
augustus_masked-3-processed-gene-395.41-mRNA-1	NA	NA		Os12g0626200	OsR498G1222145600.01.T01	SAUR14-auxin-responsive SAUR family member
augustus_masked-3-processed-gene-396.21-mRNA-1	NA	NA		Os03g0661500	OsR498G0306727100.01.T01	Protein kinase domain-containing protein
augustus_masked-3-processed-gene-396.6-mRNA-1	NA	NA		0	OsR498G0306720500.01.T01	Auxin-responsive protein SAUR40
augustus_masked-3-processed-gene-397.1-mRNA-1	NA	NA		Os03g0661900	OsR498G0306729500.01.T01	
augustus_masked-3-processed-gene-397.21-mRNA-1	NA	Indica		Os08g0546800	OsR498G0306730800.01.T01	Heat shock factor
augustus_masked-3-processed-gene-397.23-mRNA-1	NA	NA		Os03g0663400	OsR498G0306732000.01.T01	Osmotin 34
augustus_masked-3-processed-gene-398.0-mRNA-1	NA	NA				F-box domain-containing protein (Fragment)
augustus_masked-3-processed-gene-398.1-mRNA-1	NA	Indica		Os03g0664400	OsR498G0306737500.01.T01	AAI domain-containing protein
augustus_masked-3-processed-gene-398.13-mRNA-1	NA	NA		Os03g0665000	OsR498G0306740100.01.T02	Acetyltransferase, GNAT family protein, expressed
augustus_masked-3-processed-gene-398.14-mRNA-1	NA	NA		Os03g0665000	OsR498G0306740100.01.T02	Acyl-CoA N-acyltransferases (NAT) superfamily protein
augustus_masked-3-processed-gene-398.16-mRNA-1	NA	NA		0	OsR498G0306743300.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class

augustus_masked-3-processed-gene-399.0-mRNA-1	NA	Japonica		Os03g0665700	OsR498G0307042100.01.T01	
augustus_masked-3-processed-gene-399.25-mRNA-1	NA	NA		Os03g0666600	OsR498G0306747200.01.T01	Glycosyltransferase
augustus_masked-3-processed-gene-399.28-mRNA-1	NA	NA		0	OsR498G0204658700.01.T03	Ribosomal protein-like
augustus_masked-3-processed-gene-400.22-mRNA-1	NA	NA		Os03g0667500	OsR498G0306751800.01.T01	Fe(2+) transport protein 1
augustus_masked-3-processed-gene-400.23-mRNA-1	NA	NA		Os03g0667500	OsR498G0306751800.01.T01	Fe(2+) transport protein 1
augustus_masked-3-processed-gene-400.36-mRNA-1	NA	NA		Os03g0668400	OsR498G0306756900.01.T03	PORR domain-containing protein (Fragment)
augustus_masked-3-processed-gene-401.47-mRNA-1	NA	NA		Os03g0670000	OsR498G0306763700.01.T03	DUF1713 domain-containing protein (Fragment)
augustus_masked-3-processed-gene-409.25-mRNA-1	NA	Japonica		Os03g0683200	OsR498G0306825400.01.T01	rRNA N-glycosidase
augustus_masked-3-processed-gene-409.26-mRNA-1	NA	Japonica		Os03g0683300	OsR498G1019231300.01.T01	rRNA N-glycosidase
augustus_masked-3-processed-gene-41.17-mRNA-1	NA	Japonica		Os03g0183700	OsR498G0305341900.01.T01	
augustus_masked-3-processed-gene-413.0-mRNA-1	NA	NA		Os03g0690500	OsR498G0306837400.01.T01	2-oxoglutarate-dependent oxygenase
augustus_masked-3-processed-gene-413.2-mRNA-1	NA	NA		Os03g0690600	OsR498G0306837600.01.T09	Scarecrow-like protein 9 isoform A
augustus_masked-3-processed-gene-428.53-mRNA-1	NA	NA		0	OsR498G0306941000.01.T01	
augustus_masked-3-processed-gene-448.18-mRNA-1	NA	Japonica		Os03g0753901	OsR498G0305603400.01.T05	Imidazole glycerol phosphate synthase hisHFc
augustus_masked-3-processed-gene-462.2-mRNA-1	NA	NA		Os03g0780600	OsR498G0307152300.01.T02	Tubulin beta chain
augustus_masked-3-processed-gene-462.21-mRNA-1	NA	NA		Os03g0782200	OsR498G0307156300.01.T03	RNA-binding protein 12-like
augustus_masked-3-processed-gene-474.10-mRNA-1	NA	NA		Os03g0804700	OsR498G0307232300.01.T01	Germin-like protein 3-8
augustus_masked-3-processed-gene-474.4-mRNA-1	NA	NA		Os03g0803900	OsR498G0307229600.01.T07	Hydroxyproline O-galactosyltransferase
augustus_masked-3-processed-gene-474.9-mRNA-1	NA	NA		Os03g0804500	OsR498G0307231500.01.T01	Germin-like protein 3-7
augustus_masked-3-processed-gene-475.57-mRNA-1	NA	NA		0	OsR498G0307239100.01.T01	Thioredoxin domain-containing protein
augustus_masked-3-processed-gene-475.58-mRNA-1	NA	NA		Os03g0806700	OsR498G0307240900.01.T01	DUF868 domain-containing protein
augustus_masked-3-processed-gene-476.15-mRNA-1	NA	NA		Os03g0808200	OsR498G0307245900.01.T01	Glycosyltransferase
augustus_masked-3-processed-gene-476.8-mRNA-1	NA	NA		0	OsR498G0307242800.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-3-processed-gene-489.15-mRNA-1	NA	NA		Os03g0835900	OsR498G0307332500.01.T02	Ferredoxin
augustus_masked-3-processed-gene-491.40-mRNA-1	NA	Japonica		Os03g0840200	OsR498G0307345500.01.T01	PD40 domain-containing protein
augustus_masked-3-processed-gene-491.53-mRNA-1	NA	NA		0	OsR498G0307132400.01.T01	
augustus_masked-3-processed-gene-493.61-mRNA-1	NA	NA		Os03g0843700		
augustus_masked-3-processed-gene-493.78-mRNA-1	NA	NA		Os03g0845100		Transposon protein, putative, Mutator sub-class
augustus_masked-3-processed-gene-496.13-mRNA-1	NA	Japonica		Os03g0850900	OsR498G0306908200.01.T01	Chemocyanin
augustus_masked-3-processed-gene-496.15-mRNA-1	NA	NA		Os03g0851200	OsR498G0307374700.01.T01	Monothiol glutaredoxin
augustus_masked-3-processed-gene-498.5-mRNA-1	NA	NA		Os03g0853700	OsR498G0307382200.01.T02	GCF domain-containing protein (Fragment)
augustus_masked-3-processed-gene-499.39-mRNA-1	NA	NA		Os01g0630700	OsR498G0102324800.01.T02	DUF223 domain-containing protein
augustus_masked-3-processed-gene-502.17-mRNA-1	NA	NA		Os03g0861900	OsR498G0307406100.01.T05	Pentatricopeptide, putative
augustus_masked-3-processed-gene-502.31-mRNA-1	NA	NA		Os03g0862000		
augustus_masked-3-processed-gene-502.37-mRNA-1	NA	NA		0	OsR498G0307132400.01.T01	
augustus_masked-3-processed-gene-502.39-mRNA-1	NA	NA	Kinase-TM	Os12g0427000		Cyclin-dependent kinase
augustus_masked-3-processed-gene-502.42-mRNA-1	NA	NA		Os03g0862000		
augustus_masked-3-processed-gene-502.9-mRNA-1	NA	NA		Os03g0861900	OsR498G0307406100.01.T05	Pentatricopeptide, putative
augustus_masked-3-processed-gene-63.45-mRNA-1	NA	NA	Kinase-TM	Os03g0225100	OsR498G0305485800.01.T01	Mitogen-activated protein kinase kinase
augustus_masked-3-processed-gene-67.30-mRNA-1	NA	NA		Os03g0230300	OsR498G0305507900.01.T01	PARP catalytic domain-containing protein
augustus_masked-3-processed-gene-91.38-mRNA-1	NA	Indica		Os01g0151100	OsR498G0305680500.01.T03	Putative translation initiation factor IF-2
augustus_masked-3-processed-gene-92.28-mRNA-1	NA	NA		Os03g0278900	OsR498G0305687200.01.T04	Putative ATP synthase, F0 complex, subunit b/b', bacterial/chloroplast
augustus_masked-3-processed-gene-92.6-mRNA-1	NA	NA		0	OsR498G0305683000.01.T01	Cold shock protein Csp
augustus_masked-3-processed-gene-93.20-mRNA-1	NA	Indica		Os03g0281201	OsR498G0305698000.01.T01	inner nuclear membrane protein Man1 isoform X1
augustus_masked-3-processed-gene-94.36-mRNA-1	NA	Japonica	Kinase-TM	Os03g0281500	OsR498G0305699500.01.T01	Receptor-like protein kinase HERK 1
augustus_masked-3-processed-gene-94.48-mRNA-1	NA	NA		Os03g0281900	OsR498G0305701100.01.T01	ATP-binding cassette protein subfamily G member 5
augustus_masked-3-processed-gene-94.49-mRNA-1	NA	NA		0	OsR498G0305701300.01.T01	Small nuclear ribonucleoprotein Sm D2
augustus_masked-3-processed-gene-94.53-mRNA-1	NA	NA		Os03g0282700	OsR498G0305706100.01.T01	Helicase ATP-binding domain-containing protein
augustus_masked-3-processed-gene-94.64-mRNA-1	NA	NA		Os03g0282201		
augustus_masked-3-processed-gene-94.65-mRNA-1	NA	NA		Os03g0282300		
augustus_masked-3-processed-gene-95.1-mRNA-1	NA	NA		0	OsR498G0305708700.01.T01	
augustus_masked-3-processed-gene-95.14-mRNA-1	NA	Japonica		Os03g0284000	OsR498G0305709700.01.T02	Elongator complex protein 6
augustus_masked-3-processed-gene-95.7-mRNA-1	NA	NA		Os03g0283500	OsR498G0305708200.01.T05	Pentatricopeptide repeat-containing protein
augustus_masked-4-processed-gene-1.41-mRNA-1	NA	NA		Os04g0173800	OsR498G0407627000.01.T01	Agglutinin isolectin 2
augustus_masked-4-processed-gene-101.5-mRNA-1	NA	NA		Os04g0332700	OsR498G0408149200.01.T01	
augustus_masked-4-processed-gene-101.6-mRNA-1	NA	Indica		Os09g0317600	OsR498G0408149800.01.T01	
augustus_masked-4-processed-gene-106.11-mRNA-1	NA	Indica		Os08g0364700	OsR498G0408185800.01.T01	
augustus_masked-4-processed-gene-109.20-mRNA-1	NA	NA		0	OsR498G0408211200.01.T01	Translation initiation factor
augustus_masked-4-processed-gene-109.34-mRNA-1	NA	NA		0	OsR498G0408211200.01.T01	Translation initiation factor
augustus_masked-4-processed-gene-117.10-mRNA-1	NA	NA		Os04g0359300	OsR498G0408267000.01.T01	Cytosolic sulfotransferase 8
augustus_masked-4-processed-gene-127.3-mRNA-1	NA	Indica	CC-Kinase-TM	Os04g0371700	OsR498G0408350000.01.T01	Wall-associated receptor kinase 3

augustus_masked-4-processed-gene-128.16-mRNA-1	NA	NA				Reverse transcriptase domain-containing protein
augustus_masked-4-processed-gene-129.45-mRNA-1	NA	NA		0	OsR498G0407410100.01.T01	
augustus_masked-4-processed-gene-129.60-mRNA-1	NA	NA		Os08g0111800	OsR498G0408366000.01.T01	Putative acetyltransferase
augustus_masked-4-processed-gene-130.65-mRNA-1	NA	NA		0	OsR498G0408381200.01.T01	DnaJ homolog subfamily C member 2
augustus_masked-4-processed-gene-131.59-mRNA-1	NA	NA		0	OsR498G0408387600.01.T03	SNF1-related protein kinase regulatory subunit gamma-1
augustus_masked-4-processed-gene-133.17-mRNA-1	NA	NA		Os04g0382900	OsR498G0408404100.01.T01	
augustus_masked-4-processed-gene-133.18-mRNA-1	NA	NA		Os04g0383100		
augustus_masked-4-processed-gene-137.21-mRNA-1	NA	NA		0	OsR498G0408432600.01.T01	
augustus_masked-4-processed-gene-146.19-mRNA-1	NA	NA		Os04g0403600		Protein-serine/threonine phosphatase
augustus_masked-4-processed-gene-146.4-mRNA-1	NA	NA		0	OsR498G0101825000.01.T01	
augustus_masked-4-processed-gene-151.26-mRNA-1	NA	NA		Os04g0415401		
augustus_masked-4-processed-gene-153.9-mRNA-1	NA	NA		0	OsR498G0408553000.01.T01	Protein kinase domain-containing protein
augustus_masked-4-processed-gene-154.33-mRNA-1	NA	Japonica	Kinase-TM	Os04g0420900	OsR498G0408563300.01.T01	Non-specific serine/threonine protein kinase (Fragment)
augustus_masked-4-processed-gene-161.40-mRNA-1	NA	Indica		Os04g0432900	OsR498G0408600400.01.T01	BTB/POZ and MATH domain-containing protein 1
augustus_masked-4-processed-gene-161.41-mRNA-1	NA	NA		Os04g0433100	OsR498G0408600600.01.T01	BTB/POZ and MATH domain-containing protein 1
augustus_masked-4-processed-gene-163.19-mRNA-1	NA	NA		Os04g0436350	OsR498G0408611000.01.T03	Pentatricopeptide repeat
augustus_masked-4-processed-gene-163.20-mRNA-1	NA	NA		Os04g0436800	OsR498G0408612600.01.T01	Pentatricopeptide repeat
augustus_masked-4-processed-gene-164.22-mRNA-1	NA	NA		0	OsR498G0408616200.01.T01	SEC7 domain-containing protein
augustus_masked-4-processed-gene-164.36-mRNA-1	NA	NA		0	OsR498G0408619000.01.T01	Sialyltransferase-like protein 2
augustus_masked-4-processed-gene-165.45-mRNA-1	NA	NA		0	OsR498G0408624800.01.T01	F-box domain-containing protein
augustus_masked-4-processed-gene-167.30-mRNA-1	NA	NA		Os04g0443700	OsR498G0408639600.01.T02	Glucuronoxylan 4-O-methyltransferase 1-like
augustus_masked-4-processed-gene-173.34-mRNA-1	NA	NA		0	OsR498G0408681600.01.T02	Sugar transport protein 5
augustus_masked-4-processed-gene-178.39-mRNA-1	NA	NA		0	OsR498G0408710200.01.T01	Protein kinase domain-containing protein
augustus_masked-4-processed-gene-178.40-mRNA-1	NA	NA		Os04g0462900	OsR498G0408710600.01.T03	Prohibitin
augustus_masked-4-processed-gene-178.62-mRNA-1	NA	NA		Os05g0583900	OsR498G0511415200.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-4-processed-gene-179.18-mRNA-1	NA	NA		Os04g0465100	OsR498G0408720800.01.T01	Peroxidase
augustus_masked-4-processed-gene-179.23-mRNA-1	NA	NA		Os04g0465500	OsR498G0408724400.01.T03	Acetyltransferase, GNAT family protein
augustus_masked-4-processed-gene-179.24-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-4-processed-gene-180.60-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-4-processed-gene-181.19-mRNA-1	NA	NA		0	OsR498G0408737800.01.T01	Pentatricopeptide repeat-containing protein, chloroplastic
augustus_masked-4-processed-gene-188.50-mRNA-1	NA	NA		0	OsR498G0408777800.01.T01	
augustus_masked-4-processed-gene-19.25-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-4-processed-gene-190.76-mRNA-1	NA	NA		0	OsR498G0408795800.01.T01	RING-H2 finger protein ATL5A
augustus_masked-4-processed-gene-190.80-mRNA-1	NA	NA		0	OsR498G0408797600.01.T01	RING-type domain-containing protein
augustus_masked-4-processed-gene-199.39-mRNA-1	NA	NA	Kinase-LRR-TM			probable leucine-rich repeat receptor-like protein kinase At2g33170
augustus_masked-4-processed-gene-201.11-mRNA-1	NA	NA		Os04g0508800	OsR498G0408869400.01.T01	Putative RING zinc finger and VWF domain family protein
augustus_masked-4-processed-gene-201.8-mRNA-1	NA	NA		Os04g0508400		NAC transcription factor
augustus_masked-4-processed-gene-202.26-mRNA-1	NA	NA		Os04g0510400	OsR498G0408876800.01.T01	DEAD-box ATP-dependent RNA helicase
augustus_masked-4-processed-gene-202.6-mRNA-1	NA	NA		Os02g0582100	OsR498G0408875200.01.T02	TFIIIS N-terminal domain-containing protein
augustus_masked-4-processed-gene-204.34-mRNA-1	NA	NA		0	OsR498G0408885400.01.T04	Beta-glucosidase 46 isoform B
augustus_masked-4-processed-gene-204.35-mRNA-1	NA	Japonica		Os04g0514101	OsR498G1120733700.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-4-processed-gene-204.39-mRNA-1	NA	NA		0	OsR498G0408887000.01.T01	DUF295 domain-containing protein
augustus_masked-4-processed-gene-206.53-mRNA-1	NA	NA		0	OsR498G0408669000.01.T01	Leucine Rich Repeat family protein, expressed
augustus_masked-4-processed-gene-206.55-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-4-processed-gene-206.56-mRNA-1	NA	NA		Os04g0519100		
augustus_masked-4-processed-gene-207.21-mRNA-1	NA	NA		Os04g0520700	OsR498G0408916400.01.T01	Senescence regulator
augustus_masked-4-processed-gene-209.41-mRNA-1	NA	NA		Os04g0523600	OsR498G0408924200.01.T01	Glycosyltransferase
augustus_masked-4-processed-gene-211.40-mRNA-1	NA	NA		Os04g0528800	OsR498G0408944800.01.T01	Ferredoxin-thioredoxin reductase, variable chain
augustus_masked-4-processed-gene-214.52-mRNA-1	NA	NA		Os04g0535200		Aspartic proteinase nepenthesin-1
augustus_masked-4-processed-gene-216.9-mRNA-1	NA	NA		Os04g0538400	OsR498G0408984200.01.T01	Vacuolar iron transporter
augustus_masked-4-processed-gene-217.18-mRNA-1	NA	NA		0	OsR498G0510643100.01.T01	Ulp1 protease family, C-terminal catalytic domain containing protein, expres
augustus_masked-4-processed-gene-226.44-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus_masked-4-processed-gene-226.51-mRNA-1	NA	NA		Os04g0559000	OsR498G0409063400.01.T01	Subtilisin-like protease
augustus_masked-4-processed-gene-227.65-mRNA-1	NA	NA		Os04g0560100	OsR498G0409067000.01.T01	Cytochrome P450, family 86, subfamily A, polypeptide 8
augustus_masked-4-processed-gene-230.23-mRNA-1	NA	Indica		Os02g0670900	OsR498G0409082600.01.T01	Amino acid transporter like
augustus_masked-4-processed-gene-230.27-mRNA-1	NA	Indica		Os04g0566000	OsR498G0409083800.01.T03	Nucleotide-diphospho-sugar transferase family protein (Fragment)
augustus_masked-4-processed-gene-232.22-mRNA-1	NA	Indica		Os02g0673700	OsR498G0409093200.01.T04	Dof zinc finger protein 1
augustus_masked-4-processed-gene-235.67-mRNA-1	NA	NA		Os04g0573300		Subtilisin-like serine protease
augustus_masked-4-processed-gene-251.10-mRNA-1	NA	NA		0	OsR498G0409229800.01.T01	Isoaspartyl peptidase/L-asparaginase
augustus_masked-4-processed-gene-252.40-mRNA-1	NA	NA		0	OsR498G0409238800.01.T01	
augustus_masked-4-processed-gene-261.39-mRNA-1	NA	NA	Kinase-TM	Os04g0619600	OsR498G0409294000.01.T01	Mitogen-activated protein kinase kinase kinase

augustus_masked-4-processed-gene-269.30-mRNA-1	NA	NA		Os04g0635800	OsR498G0409343400.01.T01	N-terminal acetyltransferase complex ARD1 subunit A
augustus_masked-4-processed-gene-270.6-mRNA-1	NA	NA		Os04g0636900	OsR498G0409346400.01.T03	UBP1-associated protein 2A
augustus_masked-4-processed-gene-277.81-mRNA-1	NA	NA		Os04g0652400	OsR498G0409398000.01.T07	Anti-sigma factor antagonist domain of sulfate transporter91
augustus_masked-4-processed-gene-281.24-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-4-processed-gene-284.50-mRNA-1	NA	NA		Os04g0663300	OsR498G0409438200.01.T03	PHD finger-like domain-containing protein 5b-like
augustus_masked-4-processed-gene-286.79-mRNA-1	NA	Indica		Os04g0668000	OsR498G0409456800.01.T01	
augustus_masked-4-processed-gene-287.8-mRNA-1	NA	NA		Os04g0668700	OsR498G0409458800.01.T02	Phosphatidylinositol 4-kinase type 2-beta
augustus_masked-4-processed-gene-298.7-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-4-processed-gene-39.16-mRNA-1	NA	NA		Os02g0749000	OsR498G0815725100.01.T05	AAA domain-containing protein
augustus_masked-4-processed-gene-40.25-mRNA-1	NA	NA		Os04g0243700	OsR498G0407811800.01.T01	RING-H2 finger protein ATL12
augustus_masked-4-processed-gene-45.12-mRNA-1	NA	NA		Os04g0309500		
augustus_masked-4-processed-gene-49.24-mRNA-1	NA	Japonica		Os04g0257500	OsR498G0407853000.01.T01	AP2 domain class transcription factor
augustus_masked-4-processed-gene-51.9-mRNA-1	NA	Japonica		Os04g0258900	OsR498G0407867000.01.T01	F-box domain-containing protein
augustus_masked-4-processed-gene-55.20-mRNA-1	NA	NA		Os04g0267000	OsR498G0407887800.01.T01	FBD domain-containing protein
augustus_masked-4-processed-gene-55.22-mRNA-1	NA	Indica		Os04g0267600	OsR498G0407891700.01.T01	FBD domain-containing protein
augustus_masked-4-processed-gene-76.3-mRNA-1	NA	NA		Os04g0299500		
augustus_masked-4-processed-gene-82.29-mRNA-1	NA	NA		Os04g0309500		
augustus_masked-4-processed-gene-84.30-mRNA-1	NA	NA		Os04g0312100	OsR498G0408030600.01.T03	PORR domain-containing protein (Fragment)
augustus_masked-4-processed-gene-85.18-mRNA-1	NA	NA		0	OsR498G1221660400.01.T01	
augustus_masked-4-processed-gene-86.23-mRNA-1	NA	NA		Os04g0313500		F-box domain-containing protein
augustus_masked-4-processed-gene-89.15-mRNA-1	NA	NA		Os04g0329300	OsR498G0408139100.01.T01	Expansin-like CBD domain-containing protein
augustus_masked-4-processed-gene-89.26-mRNA-1	NA	NA		Os08g0381000	OsR498G0612780600.01.T01	Cell wall protein-like
augustus_masked-4-processed-gene-89.27-mRNA-1	NA	NA		Os08g0381000	OsR498G0612780600.01.T01	Cell wall protein-like
augustus_masked-4-processed-gene-94.10-mRNA-1	NA	NA		0	OsR498G0408109200.01.T01	SRF-type transcription factor family protein
augustus_masked-4-processed-gene-94.4-mRNA-1	NA	NA		0	OsR498G0204226400.01.T01	Plant disease resistance polypprotein-like
augustus_masked-4-processed-gene-95.3-mRNA-1	NA	NA		Os04g0319800	OsR498G0408115800.01.T01	Glycosyltransferase
augustus_masked-4-processed-gene-97.11-mRNA-1	NA	NA		Os04g0319800	OsR498G0408115800.01.T01	Glycosyltransferase
augustus_masked-4-processed-gene-97.9-mRNA-1	NA	NA		0	OsR498G0408971400.01.T01	Secondary wall NAC master switch
augustus_masked-5-processed-gene-1.11-mRNA-1	NA	NA		Os05g0102300		Putative AC transposase
augustus_masked-5-processed-gene-109.42-mRNA-1	NA	NA		Os05g0270400	OsR498G0510225500.01.T03	Type 1 phosphatases regulator like
augustus_masked-5-processed-gene-109.43-mRNA-1	NA	NA		0	OsR498G0510225900.01.T01	
augustus_masked-5-processed-gene-110.11-mRNA-1	NA	Indica		Os01g0248000	OsR498G0510230500.01.T01	Stigma-specific STIG1-like protein 4
augustus_masked-5-processed-gene-110.25-mRNA-1	NA	NA		Os05g0271900	OsR498G0510234100.01.T01	Pentatricopeptide repeat-containing protein
augustus_masked-5-processed-gene-120.14-mRNA-1	NA	NA		0	OsR498G0510286200.01.T02	
augustus_masked-5-processed-gene-121.10-mRNA-1	NA	NA		Os05g0283200	OsR498G0510294300.01.T01	PMEI domain-containing protein
augustus_masked-5-processed-gene-123.7-mRNA-1	NA	NA		Os05g0286100		probable transcriptional regulator RABBIT EARS
augustus_masked-5-processed-gene-126.11-mRNA-1	NA	Japonica	Kinase-TM	Os05g0317700	OsR498G0510480600.01.T01	Receptor-like protein kinase FERONIA
augustus_masked-5-processed-gene-126.9-mRNA-1	NA	Japonica	Kinase-TM	Os05g0317700	OsR498G0510480600.01.T01	Receptor-like protein kinase FERONIA
augustus_masked-5-processed-gene-127.20-mRNA-1	NA	NA		0	OsR498G0510594200.01.T01	RNase H domain-containing protein (Fragment)
augustus_masked-5-processed-gene-134.23-mRNA-1	NA	NA		0	OsR498G0510176600.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-5-processed-gene-134.24-mRNA-1	NA	NA		0	OsR498G0510365500.01.T01	
augustus_masked-5-processed-gene-136.35-mRNA-1	NA	Indica		Os05g0319900	OsR498G0510374400.01.T01	Endo-1,4-beta-xylanase
augustus_masked-5-processed-gene-146.21-mRNA-1	NA	NA		Os05g0311000	OsR498G0510437500.01.T06	Coatomer subunit delta
augustus_masked-5-processed-gene-150.18-mRNA-1	NA	NA		Os12g0468900	OsR498G0917373300.01.T01	Cell wall protein-like
augustus_masked-5-processed-gene-151.19-mRNA-1	NA	Japonica	Kinase-TM	Os05g0317700	OsR498G0510480600.01.T01	Receptor-like protein kinase FERONIA
augustus_masked-5-processed-gene-155.12-mRNA-1	NA	NA		Os05g0324000	OsR498G0510496700.01.T01	collagen alpha-1(V) chain-like isoform X1
augustus_masked-5-processed-gene-155.13-mRNA-1	NA	NA		Os05g0324300		DUF4220 domain-containing protein (Fragment)
augustus_masked-5-processed-gene-159.0-mRNA-1	NA	NA		Os05g0329100	OsR498G0510518700.01.T01	Putative prolamin 7
augustus_masked-5-processed-gene-159.10-mRNA-1	NA	NA		Os05g0329100	OsR498G0510519500.01.T01	Putative prolamin 7
augustus_masked-5-processed-gene-159.11-mRNA-1	NA	NA		Os05g0329100	OsR498G0510519700.01.T01	Putative prolamin 7
augustus_masked-5-processed-gene-159.12-mRNA-1	NA	NA		Os05g0329100	OsR498G0510519700.01.T01	Putative prolamin 7
augustus_masked-5-processed-gene-159.13-mRNA-1	NA	NA		Os05g0329400	OsR498G0510519700.01.T01	Putative prolamin 7
augustus_masked-5-processed-gene-159.8-mRNA-1	NA	NA		Os05g0329100	OsR498G0510519700.01.T01	Putative prolamin 7
augustus_masked-5-processed-gene-160.0-mRNA-1	NA	NA		Os05g0329400	OsR498G0510521700.01.T01	Putative prolamin 7
augustus_masked-5-processed-gene-168.18-mRNA-1	NA	NA	CC-Kinase-TM	0	OsR498G0510577100.01.T01	Receptor-like protein kinase FERONIA
augustus_masked-5-processed-gene-174.25-mRNA-1	NA	NA		0	OsR498G0510611300.01.T01	RING-H2 finger protein ATL5H
augustus_masked-5-processed-gene-176.24-mRNA-1	NA	Japonica		Os05g0355200	OsR498G0510623700.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-5-processed-gene-179.17-mRNA-1	NA	Japonica		Os05g0361000	OsR498G0510653900.01.T01	Putative ferulate 5-hydroxylase
augustus_masked-5-processed-gene-185.33-mRNA-1	NA	NA		Os05g0368000	OsR498G0510682900.01.T01	NRR repressor 1
augustus_masked-5-processed-gene-187.18-mRNA-1	NA	Indica		Os05g0369300	OsR498G0510689700.01.T01	
augustus_masked-5-processed-gene-191.2-mRNA-1	NA	NA		Os04g0498800	OsR498G0408834700.01.T05	Cell division control protein B

augustus_masked-5-processed-gene-194.27-mRNA-1	NA	Indica		Os05g0381700	OsR498G0510736300.01.T01	Plant calmodulin-binding protein-related
augustus_masked-5-processed-gene-194.29-mRNA-1	NA	NA		0	OsR498G0510737300.01.T01	
augustus_masked-5-processed-gene-2.69-mRNA-1	NA	Japonica	LRR-TM	Os05g0104600	OsR498G0509566700.01.T01	Polygalacturonase inhibitor
augustus_masked-5-processed-gene-20.46-mRNA-1	NA	NA		Os05g0135700	OsR498G0509688100.01.T02	S-adenosylmethionine synthase
augustus_masked-5-processed-gene-215.17-mRNA-1	NA	Indica		Os05g0417700	OsR498G0510852300.01.T01	
augustus_masked-5-processed-gene-222.18-mRNA-1	NA	NA		Os05g0430800	OsR498G0510899100.01.T01	Amidophosphoribosyltransferase
augustus_masked-5-processed-gene-224.3-mRNA-1	NA	NA		Os05g0434200	OsR498G0510908700.01.T01	
augustus_masked-5-processed-gene-224.5-mRNA-1	NA	NA		0	OsR498G0510908900.01.T01	
augustus_masked-5-processed-gene-225.1-mRNA-1	NA	Indica		Os05g0436400	OsR498G0510915300.01.T07	Signal peptide peptidase
augustus_masked-5-processed-gene-225.19-mRNA-1	NA	Indica		Os05g0437133	OsR498G0510917300.01.T01	Ethylene-responsive transcription factor
augustus_masked-5-processed-gene-226.0-mRNA-1	NA	NA		Os11g0636200	OsR498G1120596000.01.T03	
augustus_masked-5-processed-gene-226.17-mRNA-1	NA	NA		Os06g0688500		BTB domain-containing protein
augustus_masked-5-processed-gene-226.19-mRNA-1	NA	NA		Os05g0439400	OsR498G0510925700.01.T01	U-box domain-containing protein 29
augustus_masked-5-processed-gene-261.53-mRNA-1	NA	Indica		Os05g0507300	OsR498G0511143700.01.T02	Calreticulin
augustus_masked-5-processed-gene-27.1-mRNA-1	NA	NA		0	OsR498G0509733700.01.T01	Protease Do-like protein 2, chloroplastic
augustus_masked-5-processed-gene-274.56-mRNA-1	NA	NA		0	OsR498G0511229900.01.T01	
augustus_masked-5-processed-gene-277.2-mRNA-1	NA	NA		Os05g0535500	OsR498G0511248100.01.T07	tRNA(His) guanylyltransferase
augustus_masked-5-processed-gene-279.0-mRNA-1	NA	Indica		Os05g0539300	OsR498G0511260900.01.T01	DUF295 domain-containing protein
augustus_masked-5-processed-gene-279.1-mRNA-1	NA	Indica		Os05g0539300	OsR498G0511261300.01.T01	DUF295 domain-containing protein
augustus_masked-5-processed-gene-279.2-mRNA-1	NA	NA		Os05g0539300	OsR498G0511262700.01.T01	DUF295 domain-containing protein
augustus_masked-5-processed-gene-280.62-mRNA-1	NA	NA		Os05g0542500	OsR498G0511271700.01.T01	Late Embryogenesis Abundant
augustus_masked-5-processed-gene-280.65-mRNA-1	NA	NA		Os05g0542800	OsR498G0511272500.01.T06	Polygalacturonase
augustus_masked-5-processed-gene-282.0-mRNA-1	NA	NA		Os05g0545500	OsR498G0511283900.01.T02	FHA domain-containing protein DDL
augustus_masked-5-processed-gene-283.56-mRNA-1	NA	NA		Os05g0549300	OsR498G0511290700.01.T01	wiskott-Aldrich syndrome protein family member 2-like
augustus_masked-5-processed-gene-283.60-mRNA-1	NA	NA		Os05g0549700	OsR498G0511291300.01.T01	Threonine synthase, chloroplastic
augustus_masked-5-processed-gene-284.0-mRNA-1	NA	NA		Os05g0549800	OsR498G0511292500.01.T01	AP2/ERF and B3 domain-containing transcription repressor TEM1
augustus_masked-5-processed-gene-285.8-mRNA-1	NA	NA		Os05g0552600	OsR498G0511305300.01.T01	Root cap periphery protein 2
augustus_masked-5-processed-gene-286.37-mRNA-1	NA	NA				t-SNARE coiled-coil homology domain-containing protein (Fragment)
augustus_masked-5-processed-gene-289.12-mRNA-1	NA	NA		Os05g0560600	OsR498G0511335100.01.T01	6b-interacting protein 1
augustus_masked-5-processed-gene-296.0-mRNA-1	NA	NA		Os05g0571600	OsR498G0511373500.01.T01	
augustus_masked-5-processed-gene-299.37-mRNA-1	NA	NA		Os05g0578500	OsR498G0511397100.01.T02	Cinnamoyl-CoA reductase-like SNL6
augustus_masked-5-processed-gene-3.56-mRNA-1	NA	Indica		Os01g0888500	OsR498G0509568900.01.T03	Formylglycinamide ribonucleotide amidotransferase
augustus_masked-5-processed-gene-3.57-mRNA-1	NA	Japonica	LRR-TM	Os05g0104700	OsR498G0509566700.01.T01	Polygalacturonase inhibitor
augustus_masked-5-processed-gene-308.0-mRNA-1	NA	NA		Os05g0596000		Peptidase A1 domain-containing protein
augustus_masked-5-processed-gene-308.18-mRNA-1	NA	NA		Os05g0596500	OsR498G0511459500.01.T01	Putative RING-H2 finger protein ATL12
augustus_masked-5-processed-gene-311.1-mRNA-1	NA	NA				
augustus_masked-5-processed-gene-312.0-mRNA-1	NA	NA		Os02g0540000	OsR498G1019218100.01.T01	Putative RING-H2 finger protein ATL53
augustus_masked-5-processed-gene-38.0-mRNA-1	NA	NA		Os05g0165200	OsR498G0509806700.01.T01	6,7-dimethyl-8-ribityllumazine synthase
augustus_masked-5-processed-gene-4.1-mRNA-1	NA	Indica		Os05g0106700	OsR498G0509574900.01.T01	E3 ubiquitin-protein ligase HERC2
augustus_masked-5-processed-gene-4.2-mRNA-1	NA	NA				Retrotransposon protein, putative, unclassified, expressed
augustus_masked-5-processed-gene-44.24-mRNA-1	NA	NA		Os03g0850900	OsR498G0306908200.01.T01	Chemocyanin
augustus_masked-5-processed-gene-44.26-mRNA-1	NA	NA		Os03g0851200	OsR498G0307374700.01.T01	Monothiol glutaredoxin
augustus_masked-5-processed-gene-45.45-mRNA-1	NA	NA		0	OsR498G1221765900.01.T01	Interactor of constitutive active ROPs 2, chloroplastic
augustus_masked-5-processed-gene-49.33-mRNA-1	NA	NA		Os05g0181800		
augustus_masked-5-processed-gene-52.27-mRNA-1	NA	Indica		Os01g0187400	OsR498G0509887900.01.T01	zf-RVT domain-containing protein
augustus_masked-5-processed-gene-52.34-mRNA-1	NA	NA		0	OsR498G0509892100.01.T01	
augustus_masked-5-processed-gene-53.36-mRNA-1	NA	Japonica		Os05g0187500	OsR498G0509898500.01.T01	IQ-domain 25
augustus_masked-5-processed-gene-58.31-mRNA-1	NA	Japonica		Os05g0457000	OsR498G0202873200.01.T01	
augustus_masked-5-processed-gene-59.17-mRNA-1	NA	Indica		Os05g0198200	OsR498G0509943900.01.T03	Monothiol glutaredoxin-S2
augustus_masked-5-processed-gene-62.19-mRNA-1	NA	Indica		Os12g0117400	OsR498G0509966100.01.T01	NPH3 domain-containing protein
augustus_masked-5-processed-gene-63.9-mRNA-1	NA	NA		Os05g0203500	OsR498G0509974900.01.T01	DDE Tnp4 domain-containing protein
augustus_masked-5-processed-gene-66.0-mRNA-1	NA	Japonica		Os05g0207200	OsR498G0509990300.01.T01	Putative pentatricopeptide repeat-containing protein isoform A
augustus_masked-5-processed-gene-74.10-mRNA-1	NA	NA		Os05g0220500		
augustus_masked-5-processed-gene-76.11-mRNA-1	NA	NA	Kinase-TM	Os05g0224700	OsR498G0510060100.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-5-processed-gene-77.13-mRNA-1	NA	NA				Glycine-rich rna-binding protein
augustus_masked-6-processed-gene-10.26-mRNA-1	NA	NA		0	OsR498G0611522700.01.T01	
augustus_masked-6-processed-gene-10.28-mRNA-1	NA	NA		Os06g0119100		DUF4220 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-10.31-mRNA-1	NA	NA		Os07g0543700	OsR498G0408675500.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
augustus_masked-6-processed-gene-10.47-mRNA-1	NA	NA		Os06g0118800		
augustus_masked-6-processed-gene-100.26-mRNA-1	NA	NA	Kinase-TM	Os06g0285400		Clade XIV lectin receptor kinase
augustus_masked-6-processed-gene-100.33-mRNA-1	NA	Indica		Os06g0272601	OsR498G0612151000.01.T01	

augustus_masked-6-processed-gene-102.16-mRNA-1	NA	NA				Putative NBS-LRR disease resistance protein (Fragment)
augustus_masked-6-processed-gene-102.3-mRNA-1	NA	NA	NBS-TM	0	OsR498G0612165700.01.T01	Disease resistance protein RPM1
augustus_masked-6-processed-gene-103.24-mRNA-1	NA	Indica		Os06g0289900	OsR498G0612168500.01.T01	C-glycosyltransferase
augustus_masked-6-processed-gene-103.30-mRNA-1	NA	NA		Os06g0289900	OsR498G0612168000.01.T01	Glycosyltransferase
augustus_masked-6-processed-gene-104.35-mRNA-1	NA	Indica		Os06g0292400	OsR498G0612172800.01.T02	PGG domain-containing protein
augustus_masked-6-processed-gene-11.0-mRNA-1	NA	NA		Os06g0119900	OsR498G0611527900.01.T01	
augustus_masked-6-processed-gene-11.1-mRNA-1	NA	NA		Os06g0120200	OsR498G0611529100.01.T01	DUF4220 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-11.11-mRNA-1	NA	NA		Os06g0119800	OsR498G0611527800.01.T01	
augustus_masked-6-processed-gene-11.22-mRNA-1	NA	NA		Os06g0121000		
augustus_masked-6-processed-gene-11.23-mRNA-1	NA	NA		Os06g0121200	OsR498G0611532700.01.T01	DUF4220 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-11.24-mRNA-1	NA	NA		0	OsR498G0611534300.01.T01	
augustus_masked-6-processed-gene-11.28-mRNA-1	NA	Japonica		Os06g0122200	OsR498G0611529100.01.T01	DUF4220 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-11.40-mRNA-1	NA	NA		0	OsR498G0611532400.01.T01	
augustus_masked-6-processed-gene-11.41-mRNA-1	NA	NA		Os06g0121300	OsR498G0611534200.01.T01	
augustus_masked-6-processed-gene-12.12-mRNA-1	NA	NA		0	OsR498G0611540700.01.T01	
augustus_masked-6-processed-gene-13.0-mRNA-1	NA	NA		Os06g0124300	OsR498G0611544100.01.T01	DUF4220 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-13.1-mRNA-1	NA	NA		Os06g0124400		Induced stolen tip protein TUB8-like
augustus_masked-6-processed-gene-13.13-mRNA-1	NA	NA		Os06g0125300	OsR498G0611547300.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-6-processed-gene-13.26-mRNA-1	NA	NA		Os06g0125500	OsR498G0611548600.01.T02	Sexual differentiation process protein isp4-like
augustus_masked-6-processed-gene-14.45-mRNA-1	NA	NA		Os06g0126500	OsR498G0611551300.01.T03	BAG family molecular chaperone regulator 3
augustus_masked-6-processed-gene-14.47-mRNA-1	NA	NA		Os06g0127000	OsR498G0611552100.01.T05	Peroxisomal membrane protein like
augustus_masked-6-processed-gene-14.48-mRNA-1	NA	NA		Os06g0127100	OsR498G0611552700.01.T01	Dehydration-responsive element-binding protein 1E
augustus_masked-6-processed-gene-14.52-mRNA-1	NA	NA		Os06g0127900	OsR498G0611554900.01.T01	Ribonucleoside-diphosphate reductase small chain like
augustus_masked-6-processed-gene-14.66-mRNA-1	NA	NA		0	OsR498G0611551600.01.T01	
augustus_masked-6-processed-gene-14.69-mRNA-1	NA	NA		Os06g0127800	OsR498G0611554400.01.T01	Scarecrow-like protein 28 isoform A
augustus_masked-6-processed-gene-144.5-mRNA-1	NA	NA		Os06g0356800	OsR498G0612478700.01.T01	Xylanase inhibitor protein I
augustus_masked-6-processed-gene-146.8-mRNA-1	NA	NA		Os08g0398400	OsR498G0816027300.01.T06	Hypersensitive-induced response protein 1
augustus_masked-6-processed-gene-147.12-mRNA-1	NA	NA		Os06g0362100		
augustus_masked-6-processed-gene-15.0-mRNA-1	NA	Indica		Os02g0675700	OsR498G0611555700.01.T01	Methyltransferase
augustus_masked-6-processed-gene-15.10-mRNA-1	NA	NA		Os06g0129000	OsR498G0611558300.01.T01	
augustus_masked-6-processed-gene-15.12-mRNA-1	NA	Indica		Os04g0573000	OsR498G0611560300.01.T01	SPX domain-containing membrane protein isoform A
augustus_masked-6-processed-gene-16.54-mRNA-1	NA	NA		Os06g0130600	OsR498G0611565400.01.T02	Barley B recombinant-like protein D
augustus_masked-6-processed-gene-17.10-mRNA-1	NA	NA		Os06g0133300		
augustus_masked-6-processed-gene-17.16-mRNA-1	NA	NA		Os06g0132100	OsR498G0611574800.01.T05	Lung seven transmembrane receptor
augustus_masked-6-processed-gene-17.17-mRNA-1	NA	NA		Os06g0132300	OsR498G0611575200.01.T02	
augustus_masked-6-processed-gene-17.19-mRNA-1	NA	NA		0	OsR498G0611575400.01.T01	Magnesium protoporphyrin IX methyltransferase chloroplastic
augustus_masked-6-processed-gene-17.7-mRNA-1	NA	NA		0	OsR498G0611576500.01.T01	Plastid transcriptionally active 6
augustus_masked-6-processed-gene-177.23-mRNA-1	NA	Indica		Os06g0503100	OsR498G0612565500.01.T01	ATPase, coupled to transmembrane movement of substances
augustus_masked-6-processed-gene-18.39-mRNA-1	NA	NA				
augustus_masked-6-processed-gene-18.54-mRNA-1	NA	NA		0	OsR498G0611583400.01.T01	
augustus_masked-6-processed-gene-182.21-mRNA-1	NA	Indica	NBS-TM	Os06g0503100	OsR498G0612565500.01.T01	ATPase, coupled to transmembrane movement of substances
augustus_masked-6-processed-gene-185.19-mRNA-1	NA	NA		Os06g0513754	OsR498G0612611200.01.T01	SNRNP27 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-185.4-mRNA-1	NA	NA		Os06g0513754	OsR498G0612611200.01.T01	SNRNP27 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-19.50-mRNA-1	NA	NA				SNARE-interacting protein KEULE
augustus_masked-6-processed-gene-19.71-mRNA-1	NA	NA		Os06g0136900	OsR498G0611590800.01.T01	AT-hook motif nuclear-localized protein 24
augustus_masked-6-processed-gene-195.46-mRNA-1	NA	NA		Os08g0381000	OsR498G0408344700.01.T01	Cell wall protein-like
augustus_masked-6-processed-gene-20.66-mRNA-1	NA	NA		Os06g0138900	OsR498G0611597900.01.T01	
augustus_masked-6-processed-gene-20.68-mRNA-1	NA	Indica		Os01g0881800	OsR498G0611598700.01.T01	
augustus_masked-6-processed-gene-20.71-mRNA-1	NA	NA		Os06g0139800	OsR498G0611599500.01.T01	Acid phosphatase Class B
augustus_masked-6-processed-gene-20.86-mRNA-1	NA	NA		Os06g0138500	OsR498G0611596000.01.T01	Transcriptional factor B3 family protein / auxin-responsive factor AUX/IAA-r
augustus_masked-6-processed-gene-201.14-mRNA-1	NA	NA		Os06g0537600	OsR498G0612697700.01.T01	RING-H2 finger protein ATL1M
augustus_masked-6-processed-gene-201.24-mRNA-1	NA	NA		0	OsR498G0612698200.01.T01	
augustus_masked-6-processed-gene-201.39-mRNA-1	NA	Japonica		Os06g0538400	OsR498G0612699600.01.T01	
augustus_masked-6-processed-gene-202.15-mRNA-1	NA	NA		Os06g0542000		
augustus_masked-6-processed-gene-202.9-mRNA-1	NA	NA		0	OsR498G0612705200.01.T02	Non-specific lipid-transfer protein
augustus_masked-6-processed-gene-205.23-mRNA-1	NA	NA		Os06g0547500		
augustus_masked-6-processed-gene-205.27-mRNA-1	NA	NA		Os06g0547500		
augustus_masked-6-processed-gene-206.16-mRNA-1	NA	NA		Os06g0548200	OsR498G0612722200.01.T01	Berberine bridge enzyme-like 22
augustus_masked-6-processed-gene-207.36-mRNA-1	NA	NA		Os06g0550800		Translation initiation factor IF-2-like
augustus_masked-6-processed-gene-21.33-mRNA-1	NA	NA	LRR-TM	Os06g0140000	OsR498G0611600200.01.T01	Serine/threonine-protein kinase bri1, putative
augustus_masked-6-processed-gene-21.35-mRNA-1	NA	NA	LRR-TM	Os06g0140200	OsR498G0611600600.01.T01	Leucine-rich repeat domain, L domain-like protein

augustus_masked-6-processed-gene-21.36-mRNA-1	NA	NA	LRR-TM	Os06g0140300	OsR498G0611601000.01.T01	[Phosphatase 2A protein]-leucine-carboxy methyltransferase 1
augustus_masked-6-processed-gene-21.42-mRNA-1	NA	NA		Os06g0140700	OsR498G0611601900.01.T01	Homeodomain-leucine zipper transcription factor TaHDZipl-1
augustus_masked-6-processed-gene-211.24-mRNA-1	NA	NA		0	OsR498G0612760200.01.T01	Protein DETOXIFICATION
augustus_masked-6-processed-gene-226.0-mRNA-1	NA	NA	Kinase-LRR-TM			U-box domain-containing protein 33-like isoform X1
augustus_masked-6-processed-gene-226.9-mRNA-1	NA	Indica		Os06g0585200	OsR498G0612842700.01.T01	Tau-tubulin kinase
augustus_masked-6-processed-gene-228.37-mRNA-1	NA	NA		Os09g0271000	OsR498G0102577400.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-6-processed-gene-23.0-mRNA-1	NA	NA		Os06g0143700	OsR498G0611611000.01.T02	STAS domain-containing protein
augustus_masked-6-processed-gene-232.15-mRNA-1	NA	NA		Os06g0590700	OsR498G0612863700.01.T01	Glycosyltransferase
augustus_masked-6-processed-gene-232.33-mRNA-1	NA	Indica		Os06g0590700	OsR498G0612864400.01.T01	Glycosyltransferase
augustus_masked-6-processed-gene-234.23-mRNA-1	NA	NA		Os06g0594400	OsR498G0612875900.01.T01	Kelch repeat type 1
augustus_masked-6-processed-gene-236.10-mRNA-1	NA	NA		Os06g0597500	OsR498G0612883400.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-6-processed-gene-236.14-mRNA-1	NA	NA		Os06g0598800	OsR498G0612885700.01.T02	Very-long-chain 3-oxoacyl-CoA synthase
augustus_masked-6-processed-gene-24.16-mRNA-1	NA	NA		Os06g0147250	OsR498G0611623700.01.T01	
augustus_masked-6-processed-gene-24.17-mRNA-1	NA	Indica		Os06g0147300	OsR498G0611624700.01.T01	
augustus_masked-6-processed-gene-24.27-mRNA-1	NA	Japonica		Os06g0147000	OsR498G0611622000.01.T02	
augustus_masked-6-processed-gene-24.30-mRNA-1	NA	Japonica		Os06g0147600	OsR498G0203221200.01.T05	
augustus_masked-6-processed-gene-249.22-mRNA-1	NA	NA		0	OsR498G0203996000.01.T01	
augustus_masked-6-processed-gene-249.45-mRNA-1	NA	NA		Os06g0621300	OsR498G0613021000.01.T01	
augustus_masked-6-processed-gene-25.24-mRNA-1	NA	NA		0	OsR498G0611626700.01.T01	
augustus_masked-6-processed-gene-25.27-mRNA-1	NA	NA		Os06g0148600	OsR498G0611628500.01.T01	DUF295 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-25.34-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-6-processed-gene-25.39-mRNA-1	NA	NA		Os06g0148800	OsR498G0611629300.01.T01	DUF295 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-25.41-mRNA-1	NA	NA		0	OsR498G0611629900.01.T01	DUF295 domain-containing protein
augustus_masked-6-processed-gene-252.22-mRNA-1	NA	NA	Kinase-TM	Os06g0625200		Proline-rich receptor-like protein kinase PERK14
augustus_masked-6-processed-gene-252.24-mRNA-1	NA	NA	Kinase-TM	Os06g0625300	OsR498G0612980700.01.T01	Proline-rich receptor-like protein kinase PERK9 (Fragment)
augustus_masked-6-processed-gene-254.46-mRNA-1	NA	NA		Os12g0569000		
augustus_masked-6-processed-gene-254.48-mRNA-1	NA	NA		Os06g0659300	OsR498G0613102400.01.T05	HP domain-containing protein (Fragment)
augustus_masked-6-processed-gene-257.9-mRNA-1	NA	NA		Os05g0471800		Far-red impaired response protein-like
augustus_masked-6-processed-gene-26.1-mRNA-1	NA	NA		Os06g0289900	OsR498G0612168000.01.T01	Glycosyltransferase
augustus_masked-6-processed-gene-26.11-mRNA-1	NA	Japonica		Os06g0150550	OsR498G0611636200.01.T01	Anthranelate N-benzoyltransferase protein 1
augustus_masked-6-processed-gene-26.19-mRNA-1	NA	NA		Os06g0289900	OsR498G0612168000.01.T01	Glycosyltransferase
augustus_masked-6-processed-gene-26.23-mRNA-1	NA	NA		Os06g0150200	OsR498G0611633400.01.T01	Putative disease resistance RPP13-like protein 1
augustus_masked-6-processed-gene-262.33-mRNA-1	NA	Indica		Os02g0186800	OsR498G0613042000.01.T01	Premnaspirodiene oxygenase
augustus_masked-6-processed-gene-262.7-mRNA-1	NA	NA		Os06g0640500	OsR498G0613038900.01.T01	Premnaspirodiene oxygenase
augustus_masked-6-processed-gene-262.8-mRNA-1	NA	NA		Os06g0640500	OsR498G0613038900.01.T01	Premnaspirodiene oxygenase
augustus_masked-6-processed-gene-263.24-mRNA-1	NA	Indica		Os02g0186800	OsR498G0613042200.01.T01	Premnaspirodiene oxygenase
augustus_masked-6-processed-gene-263.25-mRNA-1	NA	Japonica		Os06g0641900	OsR498G0613042400.01.T01	Premnaspirodiene oxygenase
augustus_masked-6-processed-gene-263.34-mRNA-1	NA	Indica		Os11g0635500	OsR498G0613043700.01.T01	Premnaspirodiene oxygenase
augustus_masked-6-processed-gene-263.35-mRNA-1	NA	Indica		Os11g0635500	OsR498G0613043900.01.T01	Premnaspirodiene oxygenase
augustus_masked-6-processed-gene-264.11-mRNA-1	NA	NA	CC-LRR-NBS-TM	Os06g0644300		Formate dehydrogenase
augustus_masked-6-processed-gene-264.12-mRNA-1	NA	NA				S-acyltransferase
augustus_masked-6-processed-gene-265.22-mRNA-1	NA	NA		Os06g0646100		DNA ligase (Fragment)
augustus_masked-6-processed-gene-267.10-mRNA-1	NA	NA		Os06g0649700	OsR498G0613069100.01.T01	DOMON domain-containing protein
augustus_masked-6-processed-gene-268.43-mRNA-1	NA	NA		Os06g0650600	OsR498G0613072900.01.T04	Transmembrane 9 superfamily member
augustus_masked-6-processed-gene-268.47-mRNA-1	NA	Japonica		Os06g0652100	OsR498G0613076300.01.T01	Vacuolar protein sorting-associated protein 26A-like
augustus_masked-6-processed-gene-269.18-mRNA-1	NA	NA		Os06g0652400	OsR498G0613077300.01.T01	GDP-L-fucose synthase
augustus_masked-6-processed-gene-269.31-mRNA-1	NA	NA		Os06g0653000	OsR498G0613079500.01.T01	Aldehyde oxygenase (deformylating)
augustus_masked-6-processed-gene-269.43-mRNA-1	NA	NA		Os06g0653200	OsR498G0613080000.01.T01	Transcription factor IBH1-like 1
augustus_masked-6-processed-gene-269.46-mRNA-1	NA	NA		Os06g0653800	OsR498G0613081000.01.T01	U5 small nuclear ribonucleoprotein 40 kDa protein isoform X1
augustus_masked-6-processed-gene-27.51-mRNA-1	NA	NA		Os06g0151100	OsR498G0611636200.01.T01	Anthranelate N-benzoyltransferase protein 1
augustus_masked-6-processed-gene-27.75-mRNA-1	NA	NA		Os06g0152250		DNA mismatch repair protein
augustus_masked-6-processed-gene-270.25-mRNA-1	NA	NA		Os06g0655200	OsR498G0613087200.01.T01	Expansin-like CBD domain-containing protein
augustus_masked-6-processed-gene-270.26-mRNA-1	NA	NA		Os06g0655500	OsR498G0613088000.01.T01	F-box protein AFR
augustus_masked-6-processed-gene-271.28-mRNA-1	NA	Indica		Os06g0656300	OsR498G0613091300.01.T04	
augustus_masked-6-processed-gene-271.47-mRNA-1	NA	Indica		Os06g0656800	OsR498G0613093400.01.T01	Fasciclin-like arabinogalactan protein 8
augustus_masked-6-processed-gene-272.6-mRNA-1	NA	NA		Os06g0658200		
augustus_masked-6-processed-gene-273.23-mRNA-1	NA	NA		Os06g0659800	OsR498G0613104200.01.T02	tRNA(adenine(34)) deaminase
augustus_masked-6-processed-gene-273.9-mRNA-1	NA	NA				TRICHOME BIREFRINGENCE-LIKE 5
augustus_masked-6-processed-gene-274.44-mRNA-1	NA	NA		0	OsR498G0613106300.01.T01	
augustus_masked-6-processed-gene-274.61-mRNA-1	NA	NA		Os06g0661600	OsR498G0613111100.01.T02	DPH-type MB domain-containing protein (Fragment)
augustus_masked-6-processed-gene-275.22-mRNA-1	NA	Indica		Os06g0655200	OsR498G0613113200.01.T01	Expansin-like CBD domain-containing protein

augustus_masked-6-processed-gene-275.23-mRNA-1	NA	NA		Os06g0662300	OsR498G0613113600.01.T01	Expansin-like CBD domain-containing protein
augustus_masked-6-processed-gene-275.24-mRNA-1	NA	NA		Os06g0662500	OsR498G0613114800.01.T01	Expansin-like CBD domain-containing protein
augustus_masked-6-processed-gene-275.25-mRNA-1	NA	NA		Os06g0662600	OsR498G0613115200.01.T01	Expansin-like CBD domain-containing protein
augustus_masked-6-processed-gene-275.27-mRNA-1	NA	NA		Os06g0662800		Expansin-like CBD domain-containing protein
augustus_masked-6-processed-gene-275.45-mRNA-1	NA	NA		Os06g0662500	OsR498G0613116400.01.T01	Expansin-like CBD domain-containing protein
augustus_masked-6-processed-gene-275.51-mRNA-1	NA	NA		Os06g0663300	OsR498G0613118400.01.T01	Expansin-like CBD domain-containing protein
augustus_masked-6-processed-gene-277.25-mRNA-1	NA	NA		Os06g0666400	OsR498G0613133500.01.T01	VQ motif-containing protein 22
augustus_masked-6-processed-gene-277.26-mRNA-1	NA	NA		Os06g0666500	OsR498G0613134900.01.T01	RING-H2 finger protein ATL5B
augustus_masked-6-processed-gene-278.1-mRNA-1	NA	NA		Os06g0666800	OsR498G0613136300.01.T01	SLT domain-containing protein
augustus_masked-6-processed-gene-278.12-mRNA-1	NA	NA		Os06g0667100	OsR498G0613137700.01.T01	Nuclear transcription factor Y subunit C
augustus_masked-6-processed-gene-278.17-mRNA-1	NA	NA		0	OsR498G0409198000.01.T01	Glutaredoxin domain-containing protein
augustus_masked-6-processed-gene-278.2-mRNA-1	NA	NA	Kinase-LRR-TM	Os06g0667000	OsR498G0613137300.01.T01	Protein kinase domain-containing protein (Fragment)
augustus_masked-6-processed-gene-278.36-mRNA-1	NA	NA		Os06g0668400	OsR498G0613142000.01.T01	BTB domain-containing protein (Fragment)
augustus_masked-6-processed-gene-279.6-mRNA-1	NA	NA		0	OsR498G0613144800.01.T01	BTB/POZ and MATH domain-containing protein 2
augustus_masked-6-processed-gene-28.0-mRNA-1	NA	NA		Os06g0152500	OsR498G0611639300.01.T01	Pentatricopeptide repeat
augustus_masked-6-processed-gene-28.13-mRNA-1	NA	NA		Os06g0154200	OsR498G0611643900.01.T05	F-box/LRR-repeat MAX2 like A
augustus_masked-6-processed-gene-281.0-mRNA-1	NA	NA		Os06g0672400	OsR498G0613158400.01.T03	ALOG domain transcriptional regulator family protein 7-6B
augustus_masked-6-processed-gene-282.29-mRNA-1	NA	NA		Os06g0675200	OsR498G0613165600.01.T01	Zinc finger CCH domain-containing protein 18-like
augustus_masked-6-processed-gene-282.43-mRNA-1	NA	NA		Os06g0675700	OsR498G0613167000.01.T02	Putative alpha-glucosidase
augustus_masked-6-processed-gene-283.10-mRNA-1	NA	NA		Os06g0677700	OsR498G0613174100.01.T01	30-kDa cleavage and polyadenylation specificity factor 30
augustus_masked-6-processed-gene-283.11-mRNA-1	NA	NA		Os06g0678100		Auxilin-like protein 1 isoform C
augustus_masked-6-processed-gene-283.16-mRNA-1	NA	NA		Os06g0677600	OsR498G0613174000.01.T02	Sm domain-containing protein (Fragment)
augustus_masked-6-processed-gene-284.20-mRNA-1	NA	NA		0	OsR498G0613182600.01.T01	Peroxisomal membrane protein 11D-like isoform X1
augustus_masked-6-processed-gene-286.37-mRNA-1	NA	NA		Os06g0114366	OsR498G0613198100.01.T01	Selenium-binding protein-like
augustus_masked-6-processed-gene-286.52-mRNA-1	NA	NA		Os06g0683400	OsR498G0613200700.01.T01	EF-hand Ca2+-binding protein CCD1
augustus_masked-6-processed-gene-286.53-mRNA-1	NA	NA		Os06g0683900	OsR498G0613202700.01.T01	
augustus_masked-6-processed-gene-286.65-mRNA-1	NA	NA		Os06g0683100	OsR498G0613200200.01.T03	Dihydroflavonol-4-reductase
augustus_masked-6-processed-gene-286.69-mRNA-1	NA	NA		Os06g0683950	OsR498G0613203000.01.T01	Armado/beta-catenin repeat protein-like
augustus_masked-6-processed-gene-287.33-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Circumsporozoite protein-like
augustus_masked-6-processed-gene-287.43-mRNA-1	NA	NA		Os06g0685100	OsR498G0613204700.01.T01	COBRA-like protein 7
augustus_masked-6-processed-gene-287.44-mRNA-1	NA	NA		0	OsR498G0613205300.01.T01	Calcium lipid binding protein, putative
augustus_masked-6-processed-gene-287.45-mRNA-1	NA	Indica		Os02g0633200	OsR498G0613206500.01.T01	
augustus_masked-6-processed-gene-29.59-mRNA-1	NA	NA		Os06g0156700	OsR498G0611653500.01.T01	GDSL esterase/lipase
augustus_masked-6-processed-gene-294.22-mRNA-1	NA	NA		Os06g0698600	OsR498G0613245900.01.T01	Exocyst subunit Exo70 family protein (Fragment)
augustus_masked-6-processed-gene-294.33-mRNA-1	NA	NA		Os06g0698674	OsR498G0613246200.01.T02	W2 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-294.4-mRNA-1	NA	NA		Os06g0698400	OsR498G0613244900.01.T01	RRM domain-containing protein (Fragment)
augustus_masked-6-processed-gene-295.37-mRNA-1	NA	NA	Kinase-TM	Os06g0699400	OsR498G0613249300.01.T03	Mitogen-activated protein kinase
augustus_masked-6-processed-gene-295.52-mRNA-1	NA	NA		Os06g0700000	OsR498G0613251700.01.T01	Subtilisin-like serine protease
augustus_masked-6-processed-gene-295.60-mRNA-1	NA	NA		Os06g0700300		
augustus_masked-6-processed-gene-297.23-mRNA-1	NA	Japonica		Os06g0702200	OsR498G0613262200.01.T01	
augustus_masked-6-processed-gene-297.9-mRNA-1	NA	NA		Os06g0702100	OsR498G0613261700.01.T03	Methyl-CpG-binding domain-containing protein 2
augustus_masked-6-processed-gene-299.12-mRNA-1	NA	Indica		Os06g0705000	OsR498G0613272700.01.T01	Glycosyltransferase family 64 protein C4
augustus_masked-6-processed-gene-299.24-mRNA-1	NA	NA	Kinase-TM	Os02g0623600	OsR498G0204344200.01.T02	Wall-associated receptor kinase 3
augustus_masked-6-processed-gene-299.26-mRNA-1	NA	Indica		Os02g0191200	OsR498G0613274200.01.T01	Pentatricopeptide repeat
augustus_masked-6-processed-gene-300.17-mRNA-1	NA	NA		0	OsR498G0613278700.01.T01	
augustus_masked-6-processed-gene-300.24-mRNA-1	NA	Indica	Kinase	Os02g0623600	OsR498G0613277600.01.T01	Putative tyrosine-protein kinase, insulin-like receptor
augustus_masked-6-processed-gene-300.26-mRNA-1	NA	NA		Os06g0706700	OsR498G0613278000.01.T01	Erythrocyte membrane protein 1-like
augustus_masked-6-processed-gene-300.30-mRNA-1	NA	NA		Os06g0707300	OsR498G0613279000.01.T01	DUF295 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-301.30-mRNA-1	NA	NA		Os06g0710700	OsR498G0613286600.01.T01	Benzyl alcohol O-benzoyltransferase
augustus_masked-6-processed-gene-302.14-mRNA-1	NA	NA		Os06g0712200	OsR498G0613291300.01.T01	Nudix hydrolase domain-containing protein
augustus_masked-6-processed-gene-306.13-mRNA-1	NA	NA		Os07g0561900	OsR498G0102180600.01.T01	Thiamine diphosphokinase
augustus_masked-6-processed-gene-308.25-mRNA-1	NA	NA				Non-specific serine/threonine protein kinase
augustus_masked-6-processed-gene-31.37-mRNA-1	NA	NA		Os06g0158800	OsR498G0611659900.01.T01	Lactoylglutathione lyase-like
augustus_masked-6-processed-gene-31.63-mRNA-1	NA	NA		0	OsR498G0815592700.01.T01	BTB domain-containing protein (Fragment)
augustus_masked-6-processed-gene-312.17-mRNA-1	NA	NA		Os09g0448100	OsR498G1221005700.01.T01	F-box protein interaction domain containing protein, expressed
augustus_masked-6-processed-gene-312.31-mRNA-1	NA	Indica	Kinase	Os02g0623600	OsR498G0613277600.01.T01	Putative tyrosine-protein kinase, insulin-like receptor
augustus_masked-6-processed-gene-312.33-mRNA-1	NA	NA		Os06g0706700	OsR498G0613278000.01.T01	Erythrocyte membrane protein 1-like
augustus_masked-6-processed-gene-32.46-mRNA-1	NA	NA		0	OsR498G0611666300.01.T01	FLZ-type domain-containing protein
augustus_masked-6-processed-gene-32.56-mRNA-1	NA	NA		0	OsR498G0611667200.01.T01	
augustus_masked-6-processed-gene-32.72-mRNA-1	NA	Indica		Os06g0161900	OsR498G0611670700.01.T01	DUF569 domain-containing protein
augustus_masked-6-processed-gene-33.52-mRNA-1	NA	NA		0	OsR498G0611677100.01.T01	

augustus_masked-6-processed-gene-34.43-mRNA-1	NA	NA	Kinase-TM	Os06g0164900		Non-specific serine/threonine protein kinase (Fragment)
augustus_masked-6-processed-gene-34.59-mRNA-1	NA	Indica		Os05g0393900	OsR498G0611683900.01.T01	
augustus_masked-6-processed-gene-35.26-mRNA-1	NA	NA	Kinase	0	OsR498G0611689200.01.T01	C2H2-type domain-containing protein
augustus_masked-6-processed-gene-36.39-mRNA-1	NA	NA				DUF569 domain-containing protein
augustus_masked-6-processed-gene-37.49-mRNA-1	NA	NA		Os06g0171500		Zn2-c6 fungal-type dna-binding domain
augustus_masked-6-processed-gene-40.2-mRNA-1	NA	NA		Os06g0179500	OsR498G0611718100.01.T01	
augustus_masked-6-processed-gene-42.42-mRNA-1	NA	NA		0	OsR498G0611733200.01.T03	Tartrate-resistant acid phosphatase type 5-like
augustus_masked-6-processed-gene-42.44-mRNA-1	NA	NA		Os06g0183900	OsR498G0611733800.01.T03	Replication termination factor 2
augustus_masked-6-processed-gene-44.56-mRNA-1	NA	NA		0	OsR498G0611745700.01.T01	Putative RING-H2 finger protein ATL49
augustus_masked-6-processed-gene-45.29-mRNA-1	NA	NA		Os06g0187500	OsR498G0611746400.01.T01	Glycosyltransferase
augustus_masked-6-processed-gene-46.26-mRNA-1	NA	NA		0	OsR498G0611749300.01.T01	PB1 domain-containing protein
augustus_masked-6-processed-gene-46.57-mRNA-1	NA	NA		0	OsR498G0611633900.01.T01	
augustus_masked-6-processed-gene-49.13-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-6-processed-gene-50.19-mRNA-1	NA	NA		0	OsR498G0611786900.01.T01	AP2/ERF domain-containing protein (Fragment)
augustus_masked-6-processed-gene-50.20-mRNA-1	NA	NA		0	OsR498G0611787300.01.T01	AP2 domain transcription factor-like
augustus_masked-6-processed-gene-51.1-mRNA-1	NA	NA	Kinase-LRR-TM	Os06g0198900	OsR498G0611789100.01.T01	Pollen receptor-like protein kinase 3
augustus_masked-6-processed-gene-51.2-mRNA-1	NA	NA		Os06g0199000	OsR498G0611840000.01.T01	
augustus_masked-6-processed-gene-52.0-mRNA-1	NA	NA		Os06g0201000	OsR498G0611796500.01.T01	
augustus_masked-6-processed-gene-52.21-mRNA-1	NA	NA		Os06g0202400	OsR498G0611801700.01.T01	
augustus_masked-6-processed-gene-52.22-mRNA-1	NA	Indica		Os06g0202700	OsR498G0611801500.01.T03	
augustus_masked-6-processed-gene-52.33-mRNA-1	NA	NA				
augustus_masked-6-processed-gene-55.11-mRNA-1	NA	Indica		Os06g0207500	OsR498G0611824500.01.T04	Protein trichome birefringence
augustus_masked-6-processed-gene-56.39-mRNA-1	NA	NA		Os06g0209100	OsR498G0611834100.01.T01	Peptidase A1 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-57.50-mRNA-1	NA	NA		Os06g0211100	OsR498G0611840000.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class, expressed
augustus_masked-6-processed-gene-58.29-mRNA-1	NA	Japonica		Os06g0212600	OsR498G0204823700.01.T01	Fucosyltransferase
augustus_masked-6-processed-gene-60.53-mRNA-1	NA	NA		Os06g0216400	OsR498G0611857800.01.T01	Transcription factor EMB1444
augustus_masked-6-processed-gene-63.34-mRNA-1	NA	Indica		Os06g0220300	OsR498G0611872700.01.T01	
augustus_masked-6-processed-gene-63.35-mRNA-1	NA	NA		Os06g0220300	OsR498G0611872900.01.T01	Phosphate-induced protein
augustus_masked-6-processed-gene-65.17-mRNA-1	NA	Indica		Os02g0752800	OsR498G0611880000.01.T01	Ethylene-responsive transcription factor RAP2-4
augustus_masked-6-processed-gene-66.35-mRNA-1	NA	NA		Os06g0224100	OsR498G0611907700.01.T02	Membrane-anchored ubiquitin-fold protein 6
augustus_masked-6-processed-gene-66.37-mRNA-1	NA	NA		Os06g0225000	OsR498G0611910300.01.T01	GTP-binding protein SAR1A
augustus_masked-6-processed-gene-66.38-mRNA-1	NA	NA		Os06g0225200	OsR498G0611911100.01.T01	Transcription termination factor MTERF8, chloroplastic
augustus_masked-6-processed-gene-66.47-mRNA-1	NA	Indica		Os06g0224600	OsR498G0611909400.01.T01	Transcription termination factor MTERF2, chloroplastic
augustus_masked-6-processed-gene-66.48-mRNA-1	NA	NA		Os06g0224650	OsR498G0611909600.01.T01	Mitochondrial transcription termination factor-like
augustus_masked-6-processed-gene-66.49-mRNA-1	NA	NA		Os06g0224700	OsR498G0611909800.01.T04	Mitochondrial transcription termination factor-like
augustus_masked-6-processed-gene-66.50-mRNA-1	NA	NA		Os06g0224900	OsR498G0611910200.01.T03	Mitochondrial transcription termination factor-like
augustus_masked-6-processed-gene-66.51-mRNA-1	NA	NA		Os06g0225100	OsR498G0611910600.01.T01	Transcription termination factor MTERF8, chloroplastic
augustus_masked-6-processed-gene-67.33-mRNA-1	NA	Japonica		Os06g0226100	OsR498G0611914100.01.T01	Glutaredoxin domain-containing protein (Fragment)
augustus_masked-6-processed-gene-67.35-mRNA-1	NA	NA		Os06g0226700	OsR498G0611917700.01.T01	Transcription factor, TCP
augustus_masked-6-processed-gene-68.11-mRNA-1	NA	NA		0	OsR498G0611922300.01.T01	Energy transducer TonB
augustus_masked-6-processed-gene-70.3-mRNA-1	NA	NA		Os06g0231400		Selenium-binding protein-like
augustus_masked-6-processed-gene-71.33-mRNA-1	NA	NA		Os06g0233200	OsR498G0611947800.01.T01	RING-H2 finger protein ATL46
augustus_masked-6-processed-gene-72.10-mRNA-1	NA	NA		0	OsR498G0611954600.01.T01	
augustus_masked-6-processed-gene-72.28-mRNA-1	NA	NA		0	OsR498G0611957800.01.T01	Pre-mRNA-splicing factor SYF1
augustus_masked-6-processed-gene-77.12-mRNA-1	NA	NA				
augustus_masked-6-processed-gene-78.10-mRNA-1	NA	NA		Os06g0246600	OsR498G0611991000.01.T01	Glutamate receptor
augustus_masked-6-processed-gene-78.15-mRNA-1	NA	Indica		Os02g0739400	OsR498G0611993700.01.T02	Hexosyltransferase
augustus_masked-6-processed-gene-78.17-mRNA-1	NA	NA		Os06g0247800	OsR498G0611996700.01.T05	Dynamin GTPase
augustus_masked-6-processed-gene-79.23-mRNA-1	NA	Japonica		Os06g0249500	OsR498G0612005800.01.T04	Pentatricopeptide repeat-containing protein, mitochondrial
augustus_masked-6-processed-gene-8.13-mRNA-1	NA	NA		Os06g0114333	OsR498G0611506700.01.T01	F-box domain-containing protein
augustus_masked-6-processed-gene-8.14-mRNA-1	NA	NA		Os06g0114366		Pentatricopeptide repeat-containing protein, chloroplastic
augustus_masked-6-processed-gene-8.18-mRNA-1	NA	NA		Os06g0115000		
augustus_masked-6-processed-gene-8.34-mRNA-1	NA	NA		Os06g0115200	OsR498G0611509600.01.T02	Iron only hydrogenase large subunit, C-terminal domain-containing protein,
augustus_masked-6-processed-gene-81.17-mRNA-1	NA	NA		0	OsR498G0101903500.01.T01	Potassium channel KAT3
augustus_masked-6-processed-gene-84.17-mRNA-1	NA	NA		0	OsR498G0612035900.01.T01	Myb-like transcription factor-like
augustus_masked-6-processed-gene-9.50-mRNA-1	NA	NA		0	OsR498G0611511200.01.T01	Histone deacetylase HDT2-like
augustus_masked-6-processed-gene-9.58-mRNA-1	NA	Indica		Os06g0119100	OsR498G0611515500.01.T01	DUF4220 domain-containing protein (Fragment)
augustus_masked-6-processed-gene-9.71-mRNA-1	NA	NA		Os06g0116900	OsR498G0611514600.01.T01	
augustus_masked-6-processed-gene-91.11-mRNA-1	NA	NA		0	OsR498G1221332900.01.T01	Retrotransposon protein, putative, unclassified
augustus_masked-6-processed-gene-92.44-mRNA-1	NA	Japonica		Os06g0272800	OsR498G0612082400.01.T01	Leaf senescence protein-like
augustus_masked-6-processed-gene-93.4-mRNA-1	NA	NA				Importin N-terminal domain-containing protein

augustus_masked-6-processed-gene-94.23-mRNA-1	NA	NA		Os06g0275500	OsR498G0612092700.01.T01	Histone-lysine N-methyltransferase EZ1
augustus_masked-6-processed-gene-95.7-mRNA-1	NA	NA		Os04g0286500	OsR498G0204941300.01.T01	Transposon protein, putative, Pong sub-class, expressed
augustus_masked-6-processed-gene-98.11-mRNA-1	NA	NA		Os06g0282000	OsR498G0612136200.01.T01	Putative flavonoid glucosyl-transferase
augustus_masked-6-processed-gene-98.31-mRNA-1	NA	NA		Os06g0283400	OsR498G0612143000.01.T01	Phosphatidylinositol 4-kinase type 2-beta
augustus_masked-7-processed-gene-131.18-mRNA-1	NA	NA				Regulatory-associated protein of mTOR
augustus_masked-7-processed-gene-35.41-mRNA-1	NA	NA		Os09g0271000	OsR498G0102577400.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-7-processed-gene-74.35-mRNA-1	NA	NA		Os07g0240600	OsR498G0713860700.01.T01	DIMBOA UDP-glucosyltransferase BX9
augustus_masked-8-processed-gene-100.8-mRNA-1	NA	NA		Os08g0260400	OsR498G0815571100.01.T01	Transcription factor IBH1-like
augustus_masked-8-processed-gene-101.5-mRNA-1	NA	NA	CC-NBS-TM	Os08g0261000	OsR498G0815572500.01.T03	NBS-type RGA protein (Fragment)
augustus_masked-8-processed-gene-104.22-mRNA-1	NA	NA		Os08g0267800	OsR498G0815589400.01.T02	F-box domain-containing protein
augustus_masked-8-processed-gene-105.3-mRNA-1	NA	Indica		Os06g0159750	OsR498G0815592700.01.T01	BTB domain-containing protein (Fragment)
augustus_masked-8-processed-gene-106.28-mRNA-1	NA	NA				
augustus_masked-8-processed-gene-109.9-mRNA-1	NA	NA	Kinase-TM	Os08g0275200	OsR498G0815613300.01.T01	Receptor-like protein kinase
augustus_masked-8-processed-gene-115.9-mRNA-1	NA	Japonica		Os08g0282100	OsR498G0815638900.01.T01	
augustus_masked-8-processed-gene-119.26-mRNA-1	NA	NA		Os06g0479233		
augustus_masked-8-processed-gene-121.16-mRNA-1	NA	NA		Os08g0290500	OsR498G0815665700.01.T01	
augustus_masked-8-processed-gene-121.18-mRNA-1	NA	Indica		Os06g0543400	OsR498G0815666900.01.T01	NAF domain-containing protein (Fragment)
augustus_masked-8-processed-gene-122.18-mRNA-1	NA	NA		Os08g0292600	OsR498G0815673500.01.T02	Peptidyl-prolyl cis-trans isomerase
augustus_masked-8-processed-gene-127.10-mRNA-1	NA	NA		0	OsR498G0102482400.01.T01	
augustus_masked-8-processed-gene-127.12-mRNA-1	NA	NA		0	OsR498G0204041100.01.T01	
augustus_masked-8-processed-gene-141.13-mRNA-1	NA	NA		Os08g0318400		
augustus_masked-8-processed-gene-149.9-mRNA-1	NA	NA		Os08g0327100	OsR498G0815788300.01.T01	Hexosyltransferase
augustus_masked-8-processed-gene-151.11-mRNA-1	NA	NA		Os08g0330900		F-box domain-containing protein
augustus_masked-8-processed-gene-159.25-mRNA-1	NA	NA		0	OsR498G0815842300.01.T01	
augustus_masked-8-processed-gene-164.10-mRNA-1	NA	NA		Os08g0349100	OsR498G0815862900.01.T01	Dirigent protein (Fragment)
augustus_masked-8-processed-gene-165.12-mRNA-1	NA	NA		0	OsR498G0815867900.01.T01	Nucleoprotein TPR
augustus_masked-8-processed-gene-172.21-mRNA-1	NA	NA		0	OsR498G0611677100.01.T01	
augustus_masked-8-processed-gene-182.7-mRNA-1	NA	NA				
augustus_masked-8-processed-gene-183.6-mRNA-1	NA	NA		Os02g0540000	OsR498G1019218100.01.T01	Putative RING-H2 finger protein ATL53
augustus_masked-8-processed-gene-187.10-mRNA-1	NA	NA				Retrotransposon protein, putative, unclassified
augustus_masked-8-processed-gene-190.21-mRNA-1	NA	NA		Os08g0375400	OsR498G0815950900.01.T01	Dirigent protein (Fragment)
augustus_masked-8-processed-gene-191.13-mRNA-1	NA	NA		Os08g0375700	OsR498G0815952700.01.T01	O-fucosyltransferase family protein
augustus_masked-8-processed-gene-191.14-mRNA-1	NA	NA		Os08g0375800	OsR498G0815953100.01.T01	Pentatricopeptide repeat
augustus_masked-8-processed-gene-192.7-mRNA-1	NA	Indica		Os08g0377300	OsR498G0815959900.01.T01	Response regulatory domain-containing protein
augustus_masked-8-processed-gene-194.24-mRNA-1	NA	NA		0	OsR498G0815971100.01.T02	F-box protein interaction domain containing protein, expressed
augustus_masked-8-processed-gene-195.24-mRNA-1	NA	NA		0	OsR498G0815973500.01.T03	Nuclear transcription factor Y subunit B
augustus_masked-8-processed-gene-196.0-mRNA-1	NA	NA				
augustus_masked-8-processed-gene-198.16-mRNA-1	NA	NA	NBS-TM	Os08g0388300	OsR498G0815986100.01.T03	NB-ARC domain containing protein, expressed
augustus_masked-8-processed-gene-199.25-mRNA-1	NA	NA		Os08g0390000	OsR498G0815993500.01.T04	Proton pump-interactor 1
augustus_masked-8-processed-gene-20.1-mRNA-1	NA	NA		0	OsR498G0815124900.01.T01	rRNA N-glycosidase
augustus_masked-8-processed-gene-204.31-mRNA-1	NA	NA		Os08g0400200	OsR498G0816031100.01.T01	Histone-lysine N-methyltransferase H3 lysine-9 specific SUVH5
augustus_masked-8-processed-gene-222.2-mRNA-1	NA	NA		0	OsR498G0816141700.01.T01	Retarded palea 1 protein (Fragment)
augustus_masked-8-processed-gene-223.0-mRNA-1	NA	NA		Os08g0433000	OsR498G0816147700.01.T01	Arginine decarboxylase
augustus_masked-8-processed-gene-223.1-mRNA-1	NA	Indica		Os08g0433000	OsR498G0816147700.01.T01	Arginine decarboxylase
augustus_masked-8-processed-gene-230.13-mRNA-1	NA	NA				
augustus_masked-8-processed-gene-230.8-mRNA-1	NA	NA		Os08g0445000	OsR498G0816195500.01.T01	Putative RING-H2 finger protein ATL49
augustus_masked-8-processed-gene-248.16-mRNA-1	NA	NA		0	OsR498G0204046800.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-8-processed-gene-250.9-mRNA-1	NA	NA		Os08g0481100	OsR498G0816322700.01.T01	Myosin-2 heavy chain-like
augustus_masked-8-processed-gene-251.25-mRNA-1	NA	Indica		Os08g0481500	OsR498G0816325700.01.T05	
augustus_masked-8-processed-gene-251.39-mRNA-1	NA	NA		0	OsR498G0816326100.01.T01	
augustus_masked-8-processed-gene-251.42-mRNA-1	NA	NA		Os08g0482300	OsR498G0816327700.01.T01	Arabinogalactan protein 1
augustus_masked-8-processed-gene-252.40-mRNA-1	NA	NA		Os08g0484200	OsR498G0816335900.01.T01	E3 ubiquitin-protein ligase ATL6
augustus_masked-8-processed-gene-252.44-mRNA-1	NA	NA		Os08g0484700	OsR498G0816337700.01.T01	MADF domain-containing protein (Fragment)
augustus_masked-8-processed-gene-252.46-mRNA-1	NA	NA		0	OsR498G0816338100.01.T01	
augustus_masked-8-processed-gene-253.50-mRNA-1	NA	NA		0	OsR498G0816342500.01.T01	
augustus_masked-8-processed-gene-253.55-mRNA-1	NA	NA		Os08g0486700	OsR498G0816347100.01.T02	
augustus_masked-8-processed-gene-254.25-mRNA-1	NA	NA		0	OsR498G0816353100.01.T01	UDP-glycosyltransferase 89B2
augustus_masked-8-processed-gene-255.13-mRNA-1	NA	NA		Os08g0490100	OsR498G0816360300.01.T01	Dof zinc finger protein PBF
augustus_masked-8-processed-gene-255.16-mRNA-1	NA	NA		Os08g0490700	OsR498G0816362100.01.T02	
augustus_masked-8-processed-gene-256.1-mRNA-1	NA	NA		Os08g0491400	OsR498G0816363900.01.T01	Interferon-related developmental regulator family protein / IFRD protein family
augustus_masked-8-processed-gene-257.1-mRNA-1	NA	Indica	Kinase-LRR-TM	Os08g0493800	OsR498G0816372100.01.T01	LRR receptor-like serine/threonine-protein kinase

augustus_masked-8-processed-gene-257.19-mRNA-1	NA	Japonica		Os08g0495200	OsR498G0816378100.01.T02	
augustus_masked-8-processed-gene-258.24-mRNA-1	NA	NA		Os08g0495800	OsR498G0816380100.01.T01	Galactinol--sucrose galactosyltransferase
augustus_masked-8-processed-gene-258.25-mRNA-1	NA	NA		Os08g0496000	OsR498G0816380700.01.T02	Cytochrome c oxidase assembly protein COX15
augustus_masked-8-processed-gene-258.27-mRNA-1	NA	Indica		Os09g0480400	OsR498G0816383100.01.T01	Hexosyltransferase
augustus_masked-8-processed-gene-258.36-mRNA-1	NA	Japonica		Os08g0496400	OsR498G0816384200.01.T01	RNA polymerase II elongation factor ELL3 isoform 1
augustus_masked-8-processed-gene-259.16-mRNA-1	NA	NA		Os08g0499400	OsR498G0816396900.01.T01	
augustus_masked-8-processed-gene-259.19-mRNA-1	NA	NA		0	OsR498G0816397700.01.T01	
augustus_masked-8-processed-gene-260.36-mRNA-1	NA	NA		Os08g0499800	OsR498G0816397900.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-8-processed-gene-260.48-mRNA-1	NA	NA		Os08g0500500	OsR498G0816401500.01.T01	DNA-binding protein-like
augustus_masked-8-processed-gene-260.51-mRNA-1	NA	NA		Os08g0500800	OsR498G0816402300.01.T01	Ubiquitin and WLM domain-containing metalloprotease
augustus_masked-8-processed-gene-261.38-mRNA-1	NA	Indica		Os08g0503000	OsR498G0816413100.01.T01	Glycerophosphoryl diester phosphodiesterase family domain containing pro
augustus_masked-8-processed-gene-270.46-mRNA-1	NA	NA	Kinase-LRR-TM	Os08g0518400		Serine/threonine-protein kinase
augustus_masked-8-processed-gene-270.47-mRNA-1	NA	NA		Os08g0518900	OsR498G0816472500.01.T01	Xylanase inhibitor protein 1
augustus_masked-8-processed-gene-271.11-mRNA-1	NA	Japonica		Os08g0519800	OsR498G0816477900.01.T01	Pumilio homolog 5
augustus_masked-8-processed-gene-273.10-mRNA-1	NA	NA		0	OsR498G0816485800.01.T01	Zinc finger POZ domain protein-like
augustus_masked-8-processed-gene-279.9-mRNA-1	NA	NA				Membrane fusion protein Use1
augustus_masked-8-processed-gene-29.46-mRNA-1	NA	NA		0	OsR498G0815186900.01.T01	DUF4220 domain-containing protein (Fragment)
augustus_masked-8-processed-gene-39.39-mRNA-1	NA	NA		Os08g0162700	OsR498G0815253700.01.T01	PCI domain-containing protein
augustus_masked-8-processed-gene-51.10-mRNA-1	NA	NA		0	OsR498G0815329100.01.T01	
augustus_masked-8-processed-gene-52.26-mRNA-1	NA	NA		0	OsR498G0815333900.01.T01	Fatty acid desaturase A
augustus_masked-8-processed-gene-53.1-mRNA-1	NA	NA		Os08g0189300	OsR498G0815338100.01.T01	Germin-like protein 8-4
augustus_masked-8-processed-gene-53.22-mRNA-1	NA	NA		Os08g0191000	OsR498G0815344900.01.T01	Auxin efflux carrier
augustus_masked-8-processed-gene-54.38-mRNA-1	NA	NA		0	OsR498G0815345700.01.T02	
augustus_masked-8-processed-gene-54.50-mRNA-1	NA	NA		Os08g0191900	OsR498G0815347700.01.T01	Tetratricopeptide repeat-like superfamily protein (Fragment)
augustus_masked-8-processed-gene-57.11-mRNA-1	NA	Indica		Os08g0197300	OsR498G0815366500.01.T01	F-box domain-containing protein
augustus_masked-8-processed-gene-62.5-mRNA-1	NA	NA		Os08g0203800	OsR498G0815388100.01.T01	AMP-binding domain-containing protein (Fragment)
augustus_masked-8-processed-gene-73.23-mRNA-1	NA	Japonica		Os08g0239300	OsR498G0815510700.01.T03	DLH domain-containing protein
augustus_masked-8-processed-gene-73.8-mRNA-1	NA	NA		0	OsR498G0815170600.01.T01	DUF834 domain-containing protein
augustus_masked-8-processed-gene-73.9-mRNA-1	NA	NA		0	OsR498G0815170600.01.T01	DUF834 domain-containing protein
augustus_masked-8-processed-gene-8.43-mRNA-1	NA	Japonica		Os08g0114000	OsR498G0204365600.01.T01	T-complex protein 1 subunit eta
augustus_masked-8-processed-gene-84.13-mRNA-1	NA	NA		Os08g0232700	OsR498G0815493900.01.T01	Exocyst subunit Exo70 family protein (Fragment)
augustus_masked-8-processed-gene-87.36-mRNA-1	NA	NA		Os11g0275000		BHLH domain-containing protein (Fragment)
augustus_masked-8-processed-gene-87.38-mRNA-1	NA	NA		Os11g0275200	OsR498G1119808500.01.T01	Endo-1,31,4-beta-D-glucanase, putative, expressed
augustus_masked-8-processed-gene-96.14-mRNA-1	NA	Indica		Os06g0192100	OsR498G0815553900.01.T01	UDPG-flavonoid 3-O-glucosyl transferase (Fragment)
augustus_masked-9-processed-gene-12.8-mRNA-1	NA	NA		0	OsR498G1221265400.01.T01	
augustus_masked-9-processed-gene-14.28-mRNA-1	NA	NA		0	OsR498G0509838600.01.T01	HGWP repeat containing protein-like
augustus_masked-9-processed-gene-151.10-mRNA-1	NA	NA	Kinase-TM	Os09g0418500	OsR498G0917465900.01.T01	Non-specific serine/threonine protein kinase
augustus_masked-9-processed-gene-154.8-mRNA-1	NA	NA		Os09g0423300	OsR498G0917480900.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
augustus_masked-9-processed-gene-180.27-mRNA-1	NA	NA	Kinase-TM			Wall-associated receptor kinase
augustus_masked-9-processed-gene-183.26-mRNA-1	NA	NA		Os09g0476300		
augustus_masked-9-processed-gene-183.29-mRNA-1	NA	NA		Os09g0477100	OsR498G0917681700.01.T01	ABC-type dipeptide transport system, periplasmic component
augustus_masked-9-processed-gene-208.23-mRNA-1	NA	NA		Os09g0528100	OsR498G0917834700.01.T01	30S ribosomal protein S31 mitochondrial
augustus_masked-9-processed-gene-210.47-mRNA-1	NA	NA		Os09g0532800	OsR498G0917851900.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-9-processed-gene-210.48-mRNA-1	NA	NA				AB hydrolase-1 domain-containing protein (Fragment)
augustus_masked-9-processed-gene-210.49-mRNA-1	NA	NA		Os09g0532800	OsR498G0917852300.01.T08	Pentatricopeptide repeat-containing protein mitochondrial
augustus_masked-9-processed-gene-212.23-mRNA-1	NA	NA		Os09g0536300	OsR498G0917864300.01.T01	Thaumatococcus-like protein 1
augustus_masked-9-processed-gene-212.24-mRNA-1	NA	NA		Os09g0536400	OsR498G0917866300.01.T01	Thaumatococcus-like protein 1b
augustus_masked-9-processed-gene-212.26-mRNA-1	NA	NA		Os09g0537200	OsR498G0917868900.01.T01	
augustus_masked-9-processed-gene-212.30-mRNA-1	NA	Japonica		Os09g0537533	OsR498G0917870300.01.T01	
augustus_masked-9-processed-gene-215.26-mRNA-1	NA	NA		Os09g0542900	OsR498G0917890300.01.T01	Syringolide-induced protein 14-1-1
augustus_masked-9-processed-gene-217.11-mRNA-1	NA	NA		Os09g0545360	OsR498G0917901900.01.T06	
augustus_masked-9-processed-gene-217.12-mRNA-1	NA	NA		Os09g0545700	OsR498G0917903100.01.T01	Auxin-responsive protein SAUR36-like
augustus_masked-9-processed-gene-217.30-mRNA-1	NA	NA		Os09g0546000	OsR498G0917903500.01.T04	Auxin-responsive protein SAUR36-like
augustus_masked-9-processed-gene-217.31-mRNA-1	NA	NA		Os09g0546100	OsR498G0917903700.01.T01	Auxin-responsive protein SAUR36
augustus_masked-9-processed-gene-217.34-mRNA-1	NA	Japonica		Os09g0546500	OsR498G0917903700.01.T01	Auxin-responsive protein SAUR36
augustus_masked-9-processed-gene-217.35-mRNA-1	NA	Indica		Os09g0545400	OsR498G0917905100.01.T01	
augustus_masked-9-processed-gene-217.36-mRNA-1	NA	Indica		Os09g0545700	OsR498G0917905300.01.T01	Pectinesterase
augustus_masked-9-processed-gene-217.38-mRNA-1	NA	Japonica		Os09g0547100	OsR498G0917903100.01.T01	Auxin-responsive protein SAUR36
augustus_masked-9-processed-gene-230.16-mRNA-1	NA	NA		Os09g0536300	OsR498G0917864300.01.T01	Thaumatococcus-like protein 1
augustus_masked-9-processed-gene-24.18-mRNA-1	NA	NA		0	OsR498G1221332900.01.T01	Retrotransposon protein, putative, unclassified
augustus_masked-9-processed-gene-25.14-mRNA-1	NA	NA		0	OsR498G0916743300.01.T02	

augustus_masked-9-processed-gene-26.20-mRNA-1	NA	NA		Os07g0562300	OsR498G0714577600.01.T01	Carbohydrate transporter/ sugar porter
augustus_masked-9-processed-gene-26.21-mRNA-1	NA	NA		Os07g0562400	OsR498G0714577900.01.T01	MFS domain-containing protein (Fragment)
augustus_masked-9-processed-gene-50.22-mRNA-1	NA	NA		Os09g0260000	OsR498G0916854500.01.T01	HORMA domain-containing protein
augustus_masked-9-processed-gene-53.22-mRNA-1	NA	Indica	Kinase-LRR-TM	Os05g0525550	OsR498G0916869900.01.T01	Putative serine/threonine-specific protein kinase
augustus_masked-9-processed-gene-53.6-mRNA-1	NA	NA		0	OsR498G0204152000.01.T01	
augustus_masked-9-processed-gene-55.15-mRNA-1	NA	NA		Os09g0267600	OsR498G0916877500.01.T05	Vacuolar protein sorting-associated protein 1
augustus_masked-9-processed-gene-55.25-mRNA-1	NA	Indica	Kinase-TM	Os07g0283125	OsR498G0916878900.01.T01	Lectin-domain containing receptor kinase A4.2
augustus_masked-9-processed-gene-55.39-mRNA-1	NA	Indica	Kinase-TM	Os07g0130600	OsR498G0916878800.01.T01	L-type lectin-domain containing receptor kinase IV.2
augustus_masked-9-processed-gene-69.8-mRNA-1	NA	NA		0	OsR498G0916950600.01.T01	MBD domain-containing protein
augustus_masked-9-processed-gene-79.10-mRNA-1	NA	NA		0	OsR498G1120619900.01.T01	UvrD-like helicase C-terminal domain/Helix-hairpin-helix containing domain
augustus_masked-9-processed-gene-82.11-mRNA-1	NA	NA		Os09g0304500	OsR498G0917038900.01.T01	
augustus_masked-9-processed-gene-83.12-mRNA-1	NA	NA		Os09g0305300	OsR498G0917041300.01.T01	
augustus_masked-9-processed-gene-83.15-mRNA-1	NA	NA		0	OsR498G0511427100.01.T01	Epstein-Barr virus EBNA-1-like
augustus_masked-9-processed-gene-86.16-mRNA-1	NA	NA	CC-NBS-TM	Os09g0308500		Putative nucleotide-binding leucine-rich-repeat protein 1
augustus_masked-9-processed-gene-87.7-mRNA-1	NA	NA		Os09g0309500	OsR498G0917061900.01.T01	
augustus_masked-9-processed-gene-87.8-mRNA-1	NA	Japonica		Os09g0309600	OsR498G0917062300.01.T01	
augustus_masked-9-processed-gene-90.3-mRNA-1	NA	NA		Os06g0489700	OsR498G0100876900.01.T01	Thiamine diphosphokinase
augustus_masked-9-processed-gene-99.8-mRNA-1	NA	NA		Os07g0298700	OsR498G0713923900.01.T01	Cell wall protein-like
maker-1-augustus-gene-0.26-mRNA-1	NA	Indica		Os01g0137100	OsR498G0100127300.01.T01	Putative receptor serine/threonine kinase PR5K
maker-1-augustus-gene-0.28-mRNA-1	NA	NA	Kinase-TM	Os01g0136800	OsR498G0100126800.01.T01	WAK2-OsWAK receptor-like cytoplasmic kinase (OsWAK-RLCK)
maker-1-augustus-gene-0.30-mRNA-1	NA	NA		Os03g0738900	OsR498G0307014300.01.T01	Phototropic-responsive NPH3 family protein isoform 2
maker-1-augustus-gene-1.0-mRNA-1	NA	NA		Os02g0578100	OsR498G0204172500.01.T01	Glycosyltransferase
maker-1-augustus-gene-1.38-mRNA-1	NA	NA		Os01g0174300	OsR498G0100248000.01.T01	NADH-cytochrome b5 reductase
maker-1-augustus-gene-1.42-mRNA-1	NA	NA		Os01g0174500	OsR498G0100248600.01.T03	Procollagen-proline 4-dioxygenase
maker-1-augustus-gene-1.45-mRNA-1	NA	NA		Os02g0578100	OsR498G0204172500.01.T01	Glycosyltransferase
maker-1-augustus-gene-105.3-mRNA-1	NA	NA		Os03g0114600	OsR498G0612855600.01.T01	Transposable element protein, putative, MuDR
maker-1-augustus-gene-108.7-mRNA-1	NA	NA		Os07g0157000	OsR498G0100723800.01.T01	Peroxidase
maker-1-augustus-gene-108.9-mRNA-1	NA	NA		Os01g0293600		Tam3-transposase (Ac family)
maker-1-augustus-gene-109.0-mRNA-1	NA	NA		Os11g0307600	OsR498G1119899800.01.T01	Protein kinase domain-containing protein
maker-1-augustus-gene-109.12-mRNA-1	NA	NA		Os04g0354200		Transposon protein, putative, unclassified
maker-1-augustus-gene-11.46-mRNA-1	NA	NA		0	OsR498G0100065900.01.T01	Fruit protein like
maker-1-augustus-gene-11.49-mRNA-1	NA	Indica		Os01g0121100	OsR498G0100066900.01.T01	Protein-lysine N-methyltransferase
maker-1-augustus-gene-11.56-mRNA-1	NA	NA		0	OsR498G0100064800.01.T01	Leucine--tRNA ligase
maker-1-augustus-gene-11.64-mRNA-1	NA	NA		Os01g0120400	OsR498G0100065000.01.T01	Alanyl-tRNA editing protein AlaX-L
maker-1-augustus-gene-11.70-mRNA-1	NA	NA		Os01g0120500	OsR498G0100065400.01.T01	PAP fibrillin domain containing protein,expressed
maker-1-augustus-gene-11.73-mRNA-1	NA	NA		Os01g0120800	OsR498G0100066400.01.T02	Eukaryotic translation initiation factor 3 subunit A
maker-1-augustus-gene-11.79-mRNA-1	NA	NA		Os01g0121200	OsR498G0100067400.01.T03	RING/FYVE/PHD zinc finger superfamily protein
maker-1-augustus-gene-11.82-mRNA-1	NA	NA		Os01g0121300		Putative ion transport domain-containing protein
maker-1-augustus-gene-115.0-mRNA-1	NA	Indica		Os01g0305900	OsR498G0100758100.01.T01	Myb-related protein P
maker-1-augustus-gene-115.7-mRNA-1	NA	NA		Os01g0306100	OsR498G0100759200.01.T01	Eukaryotic translation initiation factor 4B
maker-1-augustus-gene-12.36-mRNA-1	NA	NA		Os01g0121800	OsR498G0100071500.01.T03	Xylosyltransferase 1
maker-1-augustus-gene-12.39-mRNA-1	NA	Japonica		Os01g0121900	OsR498G0100071900.01.T01	RING-type E3 ubiquitin transferase
maker-1-augustus-gene-12.46-mRNA-1	NA	Indica		Os01g0122000	OsR498G0100072700.01.T01	RING-type E3 ubiquitin transferase
maker-1-augustus-gene-12.48-mRNA-1	NA	NA		Os01g0122200	OsR498G0100073300.01.T01	SIAH-type domain-containing protein
maker-1-augustus-gene-12.50-mRNA-1	NA	NA		Os01g0121700	OsR498G0100071400.01.T01	ABC transporter G family member
maker-1-augustus-gene-124.14-mRNA-1	NA	NA		Os01g0321700	OsR498G0100814400.01.T01	Protein transport protein SEC23
maker-1-augustus-gene-13.48-mRNA-1	NA	Japonica		Os01g0123500	OsR498G0100078900.01.T02	RING-type E3 ubiquitin transferase
maker-1-augustus-gene-13.54-mRNA-1	NA	Indica		Os01g0119500	OsR498G0100078800.01.T01	
maker-1-augustus-gene-13.56-mRNA-1	NA	Indica		Os01g0123500	OsR498G0100080000.01.T01	RING-type E3 ubiquitin transferase
maker-1-augustus-gene-13.58-mRNA-1	NA	Indica	Kinase-LRR-TM	Os05g0524500	OsR498G0100082200.01.T01	Putative serine/threonine-specific receptor protein kinase
maker-1-augustus-gene-13.61-mRNA-1	NA	NA		Os07g0485900		Transposon mutator sub-class
maker-1-augustus-gene-131.40-mRNA-1	NA	NA				RRM domain-containing protein
maker-1-augustus-gene-133.37-mRNA-1	NA	NA		0	OsR498G0510503700.01.T01	Cell wall protein-like
maker-1-augustus-gene-133.44-mRNA-1	NA	NA		0	OsR498G0101916300.01.T01	
maker-1-augustus-gene-133.46-mRNA-1	NA	NA		Os01g0336300		DUF4220 domain-containing protein (Fragment)
maker-1-augustus-gene-136.0-mRNA-1	NA	NA				Transposable element protein, putative, MuDR
maker-1-augustus-gene-138.0-mRNA-1	NA	NA		Os08g0381000	OsR498G0713579700.01.T01	Cell wall protein-like
maker-1-augustus-gene-139.1-mRNA-1	NA	NA		Os01g0346501		Transposon protein, putative, CACTA, En/Spm sub-class
maker-1-augustus-gene-15.35-mRNA-1	NA	NA		Os01g0127900	OsR498G0100091900.01.T02	Mannose-6-phosphate isomerase
maker-1-augustus-gene-15.38-mRNA-1	NA	NA		Os01g0128200	OsR498G0100094500.01.T01	Aspergillus nuclease 5(1)
maker-1-augustus-gene-15.44-mRNA-1	NA	Indica		Os01g0128800	OsR498G0100095900.01.T02	extended synaptotagmin-1 isoform X3

maker-1-augustus-gene-15.51-mRNA-1	NA	Indica		Os01g0129000	OsR498G0100098300.01.T01	Zinc finger protein JAGGED
maker-1-augustus-gene-15.54-mRNA-1	NA	NA		Os01g0128000	OsR498G0100093200.01.T01	Transcription factor MYB21
maker-1-augustus-gene-15.56-mRNA-1	NA	NA		Os01g0128100	OsR498G0100094400.01.T01	Aspergillus nuclease S(1)
maker-1-augustus-gene-15.64-mRNA-1	NA	NA		Os01g0128400	OsR498G0100095000.01.T01	Transmembrane protein 214-B
maker-1-augustus-gene-16.28-mRNA-1	NA	NA		Os01g0129600	OsR498G0100101300.01.T01	LOB domain-containing protein 42
maker-1-augustus-gene-16.34-mRNA-1	NA	NA		Os01g0129500	OsR498G0100099600.01.T01	Checkpoint serine/threonine-protein kinase BUB1, putative isoform 1
maker-1-augustus-gene-161.39-mRNA-1	NA	NA				DDE Tnp4 domain-containing protein
maker-1-augustus-gene-174.0-mRNA-1	NA	NA		Os01g0514300	OsR498G0101112100.01.T01	LisH dimerization motif
maker-1-augustus-gene-174.5-mRNA-1	NA	NA		Os01g0514000	OsR498G0101112000.01.T02	TRASH domain-containing protein (Fragment)
maker-1-augustus-gene-176.8-mRNA-1	NA	NA		Os01g0495200	OsR498G01018408000.01.T01	Trichome birefringence-like
maker-1-augustus-gene-177.34-mRNA-1	NA	NA		Os01g0444100		
maker-1-augustus-gene-177.40-mRNA-1	NA	NA		0	OsR498G1119744400.01.T02	
maker-1-augustus-gene-188.29-mRNA-1	NA	NA		Os01g0513900	OsR498G010111700.01.T03	Kinesin-like protein KIN-7A
maker-1-augustus-gene-188.55-mRNA-1	NA	NA		Os01g0514000	OsR498G0101112000.01.T02	TRASH domain-containing protein (Fragment)
maker-1-augustus-gene-189.0-mRNA-1	NA	NA		Os01g0514300	OsR498G0101112100.01.T01	LisH dimerization motif
maker-1-augustus-gene-19.21-mRNA-1	NA	NA	Kinase-TM	Os01g0136800	OsR498G0100126800.01.T01	WAK2-OsWAK receptor-like cytoplasmic kinase (OsWAK-RLCK)
maker-1-augustus-gene-19.3-mRNA-1	NA	Indica		Os01g0137100	OsR498G0100127300.01.T01	Putative receptor serine/threonine kinase PR5K
maker-1-augustus-gene-190.7-mRNA-1	NA	NA				Plant PDR ABC transporter associated
maker-1-augustus-gene-191.5-mRNA-1	NA	NA		Os01g0518500	OsR498G0101123600.01.T01	Alpha-galactosidase
maker-1-augustus-gene-20.9-mRNA-1	NA	NA	Kinase-TM			Protein kinase domain-containing protein (Fragment)
maker-1-augustus-gene-201.0-mRNA-1	NA	NA		Os01g0534700	OsR498G0101178700.01.T01	ABC transporter B family member 9
maker-1-augustus-gene-201.2-mRNA-1	NA	NA		Os01g0534800	OsR498G0101179100.01.T01	Ubiquitin recognition factor in ER-associated degradation protein 1
maker-1-augustus-gene-201.4-mRNA-1	NA	NA		Os01g0534900	OsR498G0101179400.01.T03	Calcium permeable stress-gated cation channel 1
maker-1-augustus-gene-201.9-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0101184200.01.T02	Cysteine-rich receptor-like protein kinase 10
maker-1-augustus-gene-202.34-mRNA-1	NA	NA				tRNA (Guanine-N-7) methyltransferase
maker-1-augustus-gene-202.40-mRNA-1	NA	NA	Kinase-TM			Non-specific serine/threonine protein kinase
maker-1-augustus-gene-202.45-mRNA-1	NA	NA		Os01g0536400	OsR498G0101187200.01.T01	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-1-augustus-gene-202.47-mRNA-1	NA	Indica		Os01g0537250	OsR498G0101190400.01.T01	NB-ARC domain-containing protein
maker-1-augustus-gene-204.24-mRNA-1	NA	Japonica		Os01g0538200	OsR498G0101198500.01.T01	
maker-1-augustus-gene-205.0-mRNA-1	NA	NA		0	OsR498G0511276500.01.T01	
maker-1-augustus-gene-205.2-mRNA-1	NA	NA		0	OsR498G0101213400.01.T03	
maker-1-augustus-gene-205.5-mRNA-1	NA	NA		Os05g0513800	OsR498G0511174900.01.T02	Rac-like GTP-binding protein 2
maker-1-augustus-gene-206.0-mRNA-1	NA	NA		0	OsR498G0101216300.01.T03	Protein enhanced disease resistance 2
maker-1-augustus-gene-206.11-mRNA-1	NA	NA		Os01g0541600	OsR498G0101219000.01.T01	BAH domain-containing protein
maker-1-augustus-gene-206.3-mRNA-1	NA	NA		Os01g0541000	OsR498G0101216300.01.T08	TF-B3 domain-containing protein
maker-1-augustus-gene-206.6-mRNA-1	NA	NA		Os01g0541800	OsR498G0101225100.01.T01	Bidirectional sugar transporter SWEET
maker-1-augustus-gene-206.8-mRNA-1	NA	NA		Os11g0471200	OsR498G0101218400.01.T01	Profilin
maker-1-augustus-gene-207.34-mRNA-1	NA	NA	Kinase	Os01g0541900	OsR498G0101225400.01.T04	Kinase family protein / protein phosphatase 2C (PP2C) family protein isoform
maker-1-augustus-gene-208.0-mRNA-1	NA	NA		Os01g0543100	OsR498G0101234300.01.T01	Peroxidase
maker-1-augustus-gene-208.3-mRNA-1	NA	NA		0	OsR498G0101240900.01.T01	Sesquiterpene oxidase
maker-1-augustus-gene-208.5-mRNA-1	NA	NA		0	OsR498G0101243900.01.T02	Indole-2-monooxygenase
maker-1-augustus-gene-208.7-mRNA-1	NA	NA		0	OsR498G0100876000.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-1-augustus-gene-209.23-mRNA-1	NA	NA		0	OsR498G0101246700.01.T01	DNA helicase
maker-1-augustus-gene-209.28-mRNA-1	NA	NA		0	OsR498G0101250000.01.T01	transcription factor MYB61
maker-1-augustus-gene-209.31-mRNA-1	NA	NA		Os01g0545500	OsR498G0101251800.01.T02	
maker-1-augustus-gene-210.0-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0101254500.01.T02	Proline-rich receptor-like protein kinase PERK8
maker-1-augustus-gene-210.10-mRNA-1	NA	Indica		Os01g0546100	OsR498G0101254800.01.T01	
maker-1-augustus-gene-210.14-mRNA-1	NA	NA		Os01g0546400	OsR498G0101257000.01.T02	
maker-1-augustus-gene-210.16-mRNA-1	NA	Indica		Os01g0546400	OsR498G0101257000.01.T05	
maker-1-augustus-gene-210.19-mRNA-1	NA	NA		Os01g0547133	OsR498G0101259400.01.T01	Carboxyl-terminal proteinase
maker-1-augustus-gene-211.35-mRNA-1	NA	NA		Os05g0394100	OsR498G0713729200.01.T01	NAM-associated domain-containing protein
maker-1-augustus-gene-211.38-mRNA-1	NA	NA				Putative Bromodomain adjacent to zinc finger domain protein 1A
maker-1-augustus-gene-211.41-mRNA-1	NA	NA		0	OsR498G0101263400.01.T01	High affinity nitrate transporter
maker-1-augustus-gene-211.43-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0101271400.01.T01	Cysteine-rich receptor-like protein kinase
maker-1-augustus-gene-212.0-mRNA-1	NA	NA		0	OsR498G0101272700.01.T01	Polygalacturonase
maker-1-augustus-gene-212.10-mRNA-1	NA	NA		0	OsR498G0101273200.01.T07	Protein MICRORCHIDIA 6
maker-1-augustus-gene-212.2-mRNA-1	NA	NA		Os01g0549400	OsR498G0101275700.01.T01	ATP-dependent RNA helicase-like protein DB10
maker-1-augustus-gene-212.20-mRNA-1	NA	NA		Os01g0549300	OsR498G0101275600.01.T01	NAM-associated domain-containing protein (Fragment)
maker-1-augustus-gene-212.23-mRNA-1	NA	NA		Os01g0549500	OsR498G0101276600.01.T03	PX domain-containing protein/DUF4206 domain-containing protein
maker-1-augustus-gene-212.7-mRNA-1	NA	NA		Os01g0549700	OsR498G0101276700.01.T01	Spliceosome RNA helicase BAT1 isoform 1
maker-1-augustus-gene-213.43-mRNA-1	NA	Japonica		Os01g0550600	OsR498G0101282300.01.T01	Ribonuclease P protein subunit P38-related

maker-1-augustus-gene-213.45-mRNA-1	NA	NA		Os01g0550800	OsR498G0101284300.01.T01	Carboxyl-terminal peptidase-like
maker-1-augustus-gene-213.46-mRNA-1	NA	Japonica		Os01g0550900	OsR498G0102779300.01.T01	NEP-interacting protein 1
maker-1-augustus-gene-213.61-mRNA-1	NA	NA		Os01g0551000	OsR498G0101286900.01.T01	Translation initiation factor IF-2-like
maker-1-augustus-gene-213.63-mRNA-1	NA	NA		Os01g0550100	OsR498G0101279600.01.T01	Ubiquitin carboxyl-terminal hydrolase
maker-1-augustus-gene-213.68-mRNA-1	NA	Indica		Os01g0550300	OsR498G0101280600.01.T01	DCD (Development and Cell Death) domain protein
maker-1-augustus-gene-213.72-mRNA-1	NA	NA		Os01g0551100	OsR498G0101287200.01.T02	RNase III domain-containing protein
maker-1-augustus-gene-214.23-mRNA-1	NA	NA		Os01g0551400		Envelope glycoprotein
maker-1-augustus-gene-214.25-mRNA-1	NA	NA		0	OsR498G0101290900.01.T03	
maker-1-augustus-gene-214.30-mRNA-1	NA	NA		Os01g0552300	OsR498G0101292100.01.T05	Protein-serine/threonine phosphatase
maker-1-augustus-gene-214.32-mRNA-1	NA	NA		0	OsR498G0101291200.01.T03	Transducin family protein / WD-40 repeat family protein
maker-1-augustus-gene-214.38-mRNA-1	NA	NA		0	OsR498G01018210400.01.T03	
maker-1-augustus-gene-215.4-mRNA-1	NA	NA		Os05g0471800	OsR498G0101301300.01.T01	Far-red impaired response protein-like
maker-1-augustus-gene-215.5-mRNA-1	NA	NA		Os01g0553301	OsR498G0101296800.01.T02	
maker-1-augustus-gene-215.8-mRNA-1	NA	NA		Os02g0517900	OsR498G0203939000.01.T03	
maker-1-augustus-gene-216.2-mRNA-1	NA	NA		Os01g0555200	OsR498G0101311800.01.T01	Aspartate racemase
maker-1-augustus-gene-216.4-mRNA-1	NA	NA		Os01g0555300	OsR498G0101312000.01.T01	Tail fiber
maker-1-augustus-gene-216.6-mRNA-1	NA	NA		Os01g0555600	OsR498G0101312200.01.T01	Dynein light chain like
maker-1-augustus-gene-216.8-mRNA-1	NA	NA		0	OsR498G0101312600.01.T01	Peptide deformylase
maker-1-augustus-gene-217.0-mRNA-1	NA	NA		0	OsR498G0101324500.01.T01	F-box domain-containing protein
maker-1-augustus-gene-217.2-mRNA-1	NA	NA		Os01g0556800		Agenet-like domain-containing protein
maker-1-augustus-gene-217.5-mRNA-1	NA	NA		Os01g0557100	OsR498G0101322400.01.T01	AB hydrolase-1 domain-containing protein (Fragment)
maker-1-augustus-gene-217.7-mRNA-1	NA	NA				Methylesterase 3
maker-1-augustus-gene-218.42-mRNA-1	NA	NA		0	OsR498G0101333900.01.T01	Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial
maker-1-augustus-gene-218.51-mRNA-1	NA	NA		Os01g0559000	OsR498G0101334100.01.T01	PITH domain-containing protein 1
maker-1-augustus-gene-218.56-mRNA-1	NA	NA		Os01g0557500	OsR498G0101324800.01.T02	Vacuolar cation/proton exchanger
maker-1-augustus-gene-218.60-mRNA-1	NA	NA		Os01g0558300	OsR498G0101331200.01.T01	RWD domain-containing protein 1
maker-1-augustus-gene-218.63-mRNA-1	NA	NA		Os01g0558600	OsR498G0101333000.01.T01	Ras-related protein RIC1
maker-1-augustus-gene-218.67-mRNA-1	NA	NA		Os01g0558800	OsR498G0101333800.01.T02	Oxidoreductase/ transition metal ion binding protein
maker-1-augustus-gene-219.0-mRNA-1	NA	NA		Os03g0198400	OsR498G0101334700.01.T01	Seryl-tRNA synthetase
maker-1-augustus-gene-22.25-mRNA-1	NA	NA	LRR-TM	Os01g0140400	OsR498G0100141500.01.T06	Di-glucose binding protein with Leucine-rich repeat domain
maker-1-augustus-gene-22.32-mRNA-1	NA	Indica		Os01g0141100	OsR498G0100149000.01.T02	Protein SUPPRESSOR OF K(+) TRANSPORT GROWTH DEFECT 1
maker-1-augustus-gene-22.37-mRNA-1	NA	Indica		Os01g0141100	OsR498G0100149600.01.T02	Suppressor of K+ transport growth defect 1 (Fragment)
maker-1-augustus-gene-220.0-mRNA-1	NA	NA		Os01g0560200	OsR498G0101340800.01.T01	V-SNARE domain-containing protein
maker-1-augustus-gene-220.11-mRNA-1	NA	NA				
maker-1-augustus-gene-221.42-mRNA-1	NA	Japonica		Os01g0563500	OsR498G0612516300.01.T06	
maker-1-augustus-gene-222.0-mRNA-1	NA	NA				
maker-1-augustus-gene-222.1-mRNA-1	NA	NA		Os01g0564300		Peptidylprolyl isomerase
maker-1-augustus-gene-232.20-mRNA-1	NA	Indica		Os01g0581900	OsR498G0101405000.01.T02	Putative homeodomain-like transcription factor superfamily protein isoform
maker-1-augustus-gene-233.32-mRNA-1	NA	NA				Eukaryotic translation initiation factor 5B
maker-1-augustus-gene-234.31-mRNA-1	NA	NA		0	OsR498G0101414900.01.T01	
maker-1-augustus-gene-234.33-mRNA-1	NA	NA				DRIM domain-containing protein
maker-1-augustus-gene-234.43-mRNA-1	NA	NA		Os01g0585100	OsR498G0101417300.01.T03	Glycerophosphocholine acyltransferase 1
maker-1-augustus-gene-234.53-mRNA-1	NA	NA		0	OsR498G0101414400.01.T02	Myosin-Vb
maker-1-augustus-gene-235.26-mRNA-1	NA	NA		Os01g0585700	OsR498G0101420300.01.T04	SIT4 phosphatase-associated family protein isoform 1
maker-1-augustus-gene-236.0-mRNA-1	NA	NA		Os01g0588700	OsR498G0101430700.01.T01	YJU2 splicing factor homolog isoform X1
maker-1-augustus-gene-236.11-mRNA-1	NA	NA		Os01g0588000	OsR498G0101427400.01.T01	SHSP domain-containing protein (Fragment)
maker-1-augustus-gene-236.13-mRNA-1	NA	NA		Os01g0588200	OsR498G0101428400.01.T02	Outer plastidial membrane protein porin
maker-1-augustus-gene-24.50-mRNA-1	NA	NA		Os01g0144200	OsR498G0306795400.01.T03	Glucose-induced degradation protein 4
maker-1-augustus-gene-24.56-mRNA-1	NA	NA		Os01g0144600	OsR498G0100164300.01.T04	
maker-1-augustus-gene-24.58-mRNA-1	NA	NA		Os01g0144700		Pentatricopeptide repeat-containing protein chloroplastic
maker-1-augustus-gene-24.64-mRNA-1	NA	NA		Os01g0143300	OsR498G0100159600.01.T01	Mitochondrial glycoprotein family protein, putative isoform 1
maker-1-augustus-gene-24.73-mRNA-1	NA	NA		Os01g0144000	OsR498G0100162600.01.T01	probable pectin methylesterase CGR2
maker-1-augustus-gene-24.81-mRNA-1	NA	NA		Os01g0144300	OsR498G0100163200.01.T01	
maker-1-augustus-gene-24.89-mRNA-1	NA	NA		0	OsR498G0100164200.01.T01	Ubiquitin recognition factor in ER-associated degradation protein 1
maker-1-augustus-gene-240.0-mRNA-1	NA	NA		0	OsR498G0101459700.01.T02	Btz domain-containing protein (Fragment)
maker-1-augustus-gene-240.10-mRNA-1	NA	Japonica		Os01g0595700	OsR498G0101462300.01.T01	Ribosomal RNA apurinic site specific lyase
maker-1-augustus-gene-240.13-mRNA-1	NA	NA		Os01g0595800	OsR498G0101462500.01.T01	FBD domain-containing protein
maker-1-augustus-gene-240.15-mRNA-1	NA	NA		Os01g0595900	OsR498G0101462700.01.T01	FBD domain-containing protein (Fragment)
maker-1-augustus-gene-240.17-mRNA-1	NA	Japonica		Os01g0596000	OsR498G0101462900.01.T01	FBD domain-containing protein
maker-1-augustus-gene-240.19-mRNA-1	NA	NA		Os01g0596100	OsR498G0101463300.01.T01	Ribosomal RNA apurinic site specific lyase-like
maker-1-augustus-gene-240.21-mRNA-1	NA	NA		Os01g0594500	OsR498G0101457800.01.T01	

maker-1-augustus-gene-240.23-mRNA-1	NA	NA		Os01g0594700		DAO domain-containing protein
maker-1-augustus-gene-240.25-mRNA-1	NA	NA		Os01g0594900	OsR498G0101459200.01.T01	Retinoic acid induced 1
maker-1-augustus-gene-240.4-mRNA-1	NA	Indica		Os01g0719600	OsR498G0101460100.01.T01	HMA domain-containing protein (Fragment)
maker-1-augustus-gene-240.7-mRNA-1	NA	Japonica		Os01g0595600	OsR498G0101462100.01.T01	Strigolactone esterase
maker-1-augustus-gene-241.34-mRNA-1	NA	NA		Os01g0596300	OsR498G0101463900.01.T01	FBD domain-containing protein
maker-1-augustus-gene-241.38-mRNA-1	NA	NA		Os01g0596700	OsR498G0101466500.01.T01	FBD domain-containing protein
maker-1-augustus-gene-241.40-mRNA-1	NA	Japonica		Os01g0597400	OsR498G0101468700.01.T01	Amino acid/polyamine transporter II
maker-1-augustus-gene-241.42-mRNA-1	NA	NA		Os01g0597600	OsR498G0101469100.01.T01	Amino acid transporter, transmembrane
maker-1-augustus-gene-241.43-mRNA-1	NA	Indica		Os01g0597800	OsR498G0101469500.01.T01	Glycosyltransferase
maker-1-augustus-gene-242.0-mRNA-1	NA	NA		Os01g0598200	OsR498G0101471100.01.T02	Calcineurin B-like protein 5 variant
maker-1-augustus-gene-242.13-mRNA-1	NA	NA		Os01g0598900	OsR498G0101473200.01.T03	Cytoplasmic tRNA 2-thiolation protein 1
maker-1-augustus-gene-242.17-mRNA-1	NA	NA		Os01g0600000	OsR498G0101474200.01.T03	Hydrogen-transporting ATP synthase, rotational mechanism
maker-1-augustus-gene-242.3-mRNA-1	NA	Japonica		Os01g0599900	OsR498G0101473900.01.T01	SUN domain-containing protein 4
maker-1-augustus-gene-242.6-mRNA-1	NA	NA				Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B
maker-1-augustus-gene-243.37-mRNA-1	NA	Indica		Os01g0600300	OsR498G0101474700.01.T01	
maker-1-augustus-gene-243.42-mRNA-1	NA	Indica	Kinase	Os01g0601200	OsR498G0101477700.01.T01	Serine/threonine protein kinase
maker-1-augustus-gene-243.44-mRNA-1	NA	Indica		Os02g0226200	OsR498G0101475400.01.T01	Pyridoxal phosphate phosphatase-related protein
maker-1-augustus-gene-243.49-mRNA-1	NA	NA		Os01g0602400	OsR498G0101482200.01.T02	Secologanin synthase
maker-1-augustus-gene-243.51-mRNA-1	NA	Indica		Os01g0602400	OsR498G0101483000.01.T01	Secologanin synthase
maker-1-augustus-gene-243.79-mRNA-1	NA	Indica		Os11g0566800	OsR498G0101483200.01.T01	Chalcone synthase F
maker-1-augustus-gene-244.0-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0101485500.01.T05	Kinase protein with adenine nucleotide alpha hydrolases-like domain isoform
maker-1-augustus-gene-244.5-mRNA-1	NA	NA		Os01g0603300	OsR498G0101487900.01.T01	Transcription factor MYB53
maker-1-augustus-gene-244.7-mRNA-1	NA	Japonica		Os01g0604100	OsR498G0100035900.01.T05	Usp domain-containing protein
maker-1-augustus-gene-244.9-mRNA-1	NA	NA		Os01g0603000	OsR498G0101486800.01.T01	RGF repeats nuclear RNA binding protein A
maker-1-augustus-gene-245.52-mRNA-1	NA	Indica		Os01g0605100	OsR498G0101497700.01.T02	Adenosinetriphosphatase
maker-1-augustus-gene-245.54-mRNA-1	NA	NA		Os01g0605300	OsR498G0101497900.01.T01	UBC core domain-containing protein (Fragment)
maker-1-augustus-gene-245.56-mRNA-1	NA	NA		Os01g0605400	OsR498G0101497900.01.T02	Protein GAMETE EXPRESSED 3
maker-1-augustus-gene-245.61-mRNA-1	NA	NA		Os01g0605700	OsR498G0101498500.01.T01	Bidirectional sugar transporter SWEET
maker-1-augustus-gene-245.63-mRNA-1	NA	NA		Os01g0606000	OsR498G0101499300.01.T01	Bidirectional sugar transporter SWEET
maker-1-augustus-gene-245.65-mRNA-1	NA	NA		Os01g0604700	OsR498G0101495000.01.T01	Transmembrane protein 33
maker-1-augustus-gene-245.69-mRNA-1	NA	NA		Os01g0605200	OsR498G0101497400.01.T04	DNL-type domain-containing protein (Fragment)
maker-1-augustus-gene-245.72-mRNA-1	NA	Japonica		Os01g0605500	OsR498G0101498200.01.T01	Kinesin-like protein KIN-8A
maker-1-augustus-gene-245.75-mRNA-1	NA	NA		Os01g0605850		
maker-1-augustus-gene-245.77-mRNA-1	NA	NA		Os01g0606200		
maker-1-augustus-gene-246.30-mRNA-1	NA	NA		Os01g0606900	OsR498G0101502300.01.T01	J domain-containing protein
maker-1-augustus-gene-246.33-mRNA-1	NA	NA		0	OsR498G0101502900.01.T01	AAI domain-containing protein (Fragment)
maker-1-augustus-gene-246.35-mRNA-1	NA	NA		Os01g0607200	OsR498G0101503300.01.T01	Amino-acid permease BAT1
maker-1-augustus-gene-246.36-mRNA-1	NA	NA		Os01g0607200	OsR498G0101503700.01.T01	Amino-acid permease BAT1 like
maker-1-augustus-gene-246.51-mRNA-1	NA	NA		Os08g0506200	OsR498G1018350800.01.T01	Zinc knuckle family protein
maker-1-augustus-gene-246.53-mRNA-1	NA	NA		Os01g0607400	OsR498G0101504200.01.T03	Transcriptional corepressor LEUNIG
maker-1-augustus-gene-246.62-mRNA-1	NA	NA				Transcriptional corepressor LEUNIG
maker-1-augustus-gene-246.65-mRNA-1	NA	Indica	Kinase-LRR-TM	Os05g0588250	OsR498G0101507200.01.T01	Serine/threonine protein kinase
maker-1-augustus-gene-247.21-mRNA-1	NA	Japonica		Os01g0608366	OsR498G0611518800.01.T01	Peptidase A1 domain-containing protein (Fragment)
maker-1-augustus-gene-247.24-mRNA-1	NA	NA		0	OsR498G0101509900.01.T01	RING-H2 finger protein ATL5A
maker-1-augustus-gene-247.25-mRNA-1	NA	NA	CC-NBS-TM	0	OsR498G1120729200.01.T01	AAA domain-containing protein
maker-1-augustus-gene-247.28-mRNA-1	NA	NA		Os01g0609066	OsR498G0101514000.01.T02	ABC transporter G family member 34
maker-1-augustus-gene-247.31-mRNA-1	NA	NA		Os01g0609300	OsR498G0101515200.01.T01	pleiotropic drug resistance protein 1-like
maker-1-augustus-gene-248.0-mRNA-1	NA	NA		Os01g0610100	OsR498G0101518900.01.T01	ATPase, FO/VO complex, subunit C protein
maker-1-augustus-gene-248.11-mRNA-1	NA	NA		Os01g0611000	OsR498G0101522300.01.T01	GTP-binding nuclear protein Ran-3
maker-1-augustus-gene-248.13-mRNA-1	NA	NA		Os01g0611100	OsR498G0101522700.01.T01	GTP-binding nuclear protein Ran-1
maker-1-augustus-gene-248.16-mRNA-1	NA	NA		Os01g0609900	OsR498G0101517800.01.T03	ABC transporter G family member 37
maker-1-augustus-gene-248.20-mRNA-1	NA	NA		Os01g0610500	OsR498G0101520600.01.T01	Yip1 domain-containing protein
maker-1-augustus-gene-248.23-mRNA-1	NA	NA		Os01g0610600	OsR498G0101521000.01.T03	Carbon catabolite repressor protein 4 like 6
maker-1-augustus-gene-248.29-mRNA-1	NA	NA		Os01g0610700	OsR498G0101521200.01.T01	RING-CH-type domain-containing protein (Fragment)
maker-1-augustus-gene-248.3-mRNA-1	NA	NA		Os01g0610300	OsR498G0101519900.01.T03	BAH domain-containing protein
maker-1-augustus-gene-248.9-mRNA-1	NA	Indica		Os01g0610400	OsR498G0101520100.01.T02	N-alpha-acetyltransferase 50
maker-1-augustus-gene-249.0-mRNA-1	NA	NA		0	OsR498G0101523300.01.T01	
maker-1-augustus-gene-249.1-mRNA-1	NA	Indica		Os07g0218200	OsR498G0101526300.01.T01	(S)-beta-bisabolene synthase
maker-1-augustus-gene-249.13-mRNA-1	NA	NA		0	OsR498G0101527000.01.T08	DNA methyl transferase4
maker-1-augustus-gene-249.19-mRNA-1	NA	NA		Os01g0612600	OsR498G0101530400.01.T06	Putative zinc finger, RING/FYVE/PHD-type
maker-1-augustus-gene-249.3-mRNA-1	NA	Japonica		Os01g0612100	OsR498G0306062000.01.T02	Small subunit ribosomal protein (Fragment)

maker-1-augustus-gene-249.5-mRNA-1	NA	NA		Os01g0612200	OsR498G0101528100.01.T01	Cytochrome c oxidase polypeptide Vb
maker-1-augustus-gene-249.9-mRNA-1	NA	Indica		Os01g0612500	OsR498G0101530100.01.T01	Acyl-protein thioesterase 2
maker-1-augustus-gene-25.0-mRNA-1	NA	NA		0	OsR498G0100170700.01.T01	Glycosyltransferases
maker-1-augustus-gene-25.2-mRNA-1	NA	NA				TFIIIS N-terminal domain-containing protein (Fragment)
maker-1-augustus-gene-250.0-mRNA-1	NA	Indica		Os01g0612700	OsR498G0101532700.01.T03	zf-LSD1 domain-containing protein
maker-1-augustus-gene-250.12-mRNA-1	NA	NA		Os01g0614300	OsR498G0101538300.01.T01	Protein trichome birefringence
maker-1-augustus-gene-250.14-mRNA-1	NA	Indica		Os01g0614700	OsR498G0101539500.01.T01	Adaptin ear-binding coat-associated protein 1
maker-1-augustus-gene-250.19-mRNA-1	NA	NA		Os01g0613500	OsR498G0101536000.01.T01	Cysteine proteinase-like
maker-1-augustus-gene-250.21-mRNA-1	NA	NA		Os01g0613800	OsR498G0101536800.01.T01	Senescence-specific cysteine protease SAG39
maker-1-augustus-gene-250.23-mRNA-1	NA	NA		Os01g0613900	OsR498G0101537000.01.T02	Maternal effect embryo arrest 18
maker-1-augustus-gene-250.30-mRNA-1	NA	NA		Os01g0614900	OsR498G0101539800.01.T06	Ubiquitin-like modifier-activating enzyme ATG7
maker-1-augustus-gene-250.4-mRNA-1	NA	NA		Os01g0612800	OsR498G0101532900.01.T03	Plastid transcriptionally active protein
maker-1-augustus-gene-250.6-mRNA-1	NA	NA		0	OsR498G0101533500.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-250.9-mRNA-1	NA	NA		Os01g0613300	OsR498G0101535700.01.T01	Lipoprotein lpqB (Fragment)
maker-1-augustus-gene-251.27-mRNA-1	NA	NA		Os01g0616100	OsR498G0101542500.01.T07	Kinase family with ARM repeat domain-containing protein
maker-1-augustus-gene-251.34-mRNA-1	NA	Indica		Os05g0587300	OsR498G0101545900.01.T02	TPR repeat-containing thioredoxin TTL1
maker-1-augustus-gene-251.38-mRNA-1	NA	NA		Os01g0616500	OsR498G0101546500.01.T01	39S ribosomal protein L22, mitochondrial-like
maker-1-augustus-gene-251.41-mRNA-1	NA	NA				Berberine bridge enzyme-like protein 13
maker-1-augustus-gene-251.43-mRNA-1	NA	NA		Os01g0615200	OsR498G0101541000.01.T02	10-deacetylbaecatin III-10-O-acetyl transferase
maker-1-augustus-gene-251.45-mRNA-1	NA	NA		Os01g0615300	OsR498G0101541200.01.T01	10-deacetylbaecatin III-10-O-acetyl transferase
maker-1-augustus-gene-251.47-mRNA-1	NA	NA		Os01g0616400	OsR498G0101546400.01.T02	Zinc finger CCHC domain-containing protein 8
maker-1-augustus-gene-252.30-mRNA-1	NA	NA		Os01g0617700	OsR498G0101550500.01.T04	
maker-1-augustus-gene-252.36-mRNA-1	NA	NA		Os01g0617900	OsR498G0101550900.01.T01	PsbP domain-containing protein 5 chloroplastic
maker-1-augustus-gene-252.39-mRNA-1	NA	Indica		Os01g0618200	OsR498G0101551700.01.T02	Protein-serine/threonine phosphatase
maker-1-augustus-gene-252.41-mRNA-1	NA	Indica		Os05g0573300	OsR498G0101547800.01.T01	CTP synthase
maker-1-augustus-gene-252.47-mRNA-1	NA	NA		Os01g0617500	OsR498G0101549200.01.T01	N-alpha-acetyltransferase 16, NaTA auxiliary subunit
maker-1-augustus-gene-252.54-mRNA-1	NA	NA		Os01g0617800	OsR498G0101550800.01.T01	Unconventional prefoldin RPB5 interactor 1
maker-1-augustus-gene-252.58-mRNA-1	NA	NA		Os01g0618100	OsR498G0101551600.01.T02	Auxin-induced protein PCNT115
maker-1-augustus-gene-253.27-mRNA-1	NA	NA		Os01g0618400	OsR498G0101552900.01.T01	DEAD-box ATP-dependent RNA helicase
maker-1-augustus-gene-253.31-mRNA-1	NA	NA		Os01g0618500	OsR498G0101553100.01.T01	DEAD-box ATP-dependent RNA helicase
maker-1-augustus-gene-253.34-mRNA-1	NA	NA		0	OsR498G0101553700.01.T01	Regulatory component of ABA receptor 1
maker-1-augustus-gene-253.38-mRNA-1	NA	Indica		Os01g0618900	OsR498G0101554700.01.T01	Pectin lyase-like superfamily protein (Fragment)
maker-1-augustus-gene-253.42-mRNA-1	NA	NA		Os01g0618300	OsR498G0101552600.01.T01	Myb-like domain-containing protein
maker-1-augustus-gene-253.44-mRNA-1	NA	NA		0	OsR498G0101554200.01.T03	ATP-dependent metalloprotease
maker-1-augustus-gene-253.51-mRNA-1	NA	Indica		Os01g0619000	OsR498G0101555000.01.T01	Polypyrimidine tract-binding
maker-1-augustus-gene-254.0-mRNA-1	NA	Indica		Os01g0619800	OsR498G0101557500.01.T02	Chitinase domain-containing protein 1
maker-1-augustus-gene-254.12-mRNA-1	NA	NA		0	OsR498G0101562000.01.T03	Extra-large G-protein-like
maker-1-augustus-gene-254.15-mRNA-1	NA	NA	Kinase-TM	Os01g0621600	OsR498G0101562800.01.T02	Serine/threonine-protein kinase MARK2
maker-1-augustus-gene-254.3-mRNA-1	NA	NA		Os01g0620100	OsR498G0101558200.01.T01	Nucleoporin SEH1
maker-1-augustus-gene-254.9-mRNA-1	NA	Indica		Os01g0621200	OsR498G0101561600.01.T01	probable GABA transporter 2
maker-1-augustus-gene-255.24-mRNA-1	NA	NA		Os01g0621700	OsR498G0101563100.01.T01	TH1 domain-containing protein (Fragment)
maker-1-augustus-gene-255.29-mRNA-1	NA	Indica	Kinase-TM	Os05g0585500	OsR498G0101565900.01.T01	Calcium-dependent protein kinase 1 isoform A
maker-1-augustus-gene-255.34-mRNA-1	NA	NA		0	OsR498G0101565200.01.T03	Glycosyl transferase family 1 protein
maker-1-augustus-gene-255.40-mRNA-1	NA	NA		Os01g0622300	OsR498G0101565600.01.T03	Uroporphyrinogen decarboxylase like
maker-1-augustus-gene-255.42-mRNA-1	NA	NA		Os01g0622700	OsR498G0101566200.01.T01	Probable protein ABIL1
maker-1-augustus-gene-255.46-mRNA-1	NA	Indica		Os01g0623200	OsR498G0101568400.01.T03	S-type anion channel SLAH3
maker-1-augustus-gene-256.52-mRNA-1	NA	NA		Os01g0623500	OsR498G0101571300.01.T01	ATPase family AAA domain-containing protein 1-A
maker-1-augustus-gene-256.57-mRNA-1	NA	NA		Os01g0623900	OsR498G0101572500.01.T01	probable membrane-associated kinase regulator 2
maker-1-augustus-gene-256.58-mRNA-1	NA	NA		Os01g0624400	OsR498G0101574300.01.T02	Late embryogenesis abundant
maker-1-augustus-gene-256.60-mRNA-1	NA	NA		Os01g0624500	OsR498G0101574500.01.T01	Suppressor of the G2
maker-1-augustus-gene-256.64-mRNA-1	NA	NA		0	OsR498G0101575300.01.T01	Kinesin-like protein KIN-13B
maker-1-augustus-gene-256.71-mRNA-1	NA	Indica		Os01g0891100	OsR498G0101571600.01.T01	Endo-polygalacturonase
maker-1-augustus-gene-256.73-mRNA-1	NA	NA		Os01g0624000	OsR498G0101573400.01.T02	Neutral ceramidase
maker-1-augustus-gene-257.38-mRNA-1	NA	NA		0	OsR498G0101577500.01.T01	
maker-1-augustus-gene-257.44-mRNA-1	NA	NA		Os01g0626400	OsR498G0101577900.01.T01	WRKY transcription factor
maker-1-augustus-gene-257.46-mRNA-1	NA	NA		Os01g0627400	OsR498G0101580700.01.T01	Secologanin synthase
maker-1-augustus-gene-257.48-mRNA-1	NA	NA		Os01g0627800	OsR498G0101582300.01.T01	Secologanin synthase
maker-1-augustus-gene-257.50-mRNA-1	NA	NA		Os01g0627900	OsR498G0101582500.01.T01	Cytochrome P450 monooxygenase
maker-1-augustus-gene-257.62-mRNA-1	NA	NA				
maker-1-augustus-gene-257.64-mRNA-1	NA	NA		Os01g0627500	OsR498G0101581000.01.T01	Secologanin synthase
maker-1-augustus-gene-257.67-mRNA-1	NA	Indica		Os01g0627933	OsR498G0101582200.01.T01	Cytochrome P450 monooxygenase

maker-1-augustus-gene-258.0-mRNA-1	NA	NA		Os01g0628900	OsR498G0101585300.01.T01	
maker-1-augustus-gene-258.7-mRNA-1	NA	NA		0	OsR498G0101586100.01.T07	FCP1 homology domain-containing protein
maker-1-augustus-gene-26.27-mRNA-1	NA	NA				E3 ubiquitin-protein ligase
maker-1-augustus-gene-26.40-mRNA-1	NA	NA		Os01g0147700	OsR498G0100172800.01.T01	Factor of DNA methylation 1
maker-1-augustus-gene-26.43-mRNA-1	NA	NA		0	OsR498G0100173000.01.T01	DUF547 domain-containing protein
maker-1-augustus-gene-26.48-mRNA-1	NA	NA		Os01g0147900	OsR498G0100173200.01.T01	Triose phosphate isomerase cytosolic isoform
maker-1-augustus-gene-26.55-mRNA-1	NA	Japonica		Os01g0148100	OsR498G0100174000.01.T04	
maker-1-augustus-gene-260.13-mRNA-1	NA	NA		Os01g0633400	OsR498G0101599100.01.T01	Polypeptide
maker-1-augustus-gene-260.17-mRNA-1	NA	Indica		Os01g0633500	OsR498G0101599900.01.T01	Dihydroflavonol-4-reductase
maker-1-augustus-gene-260.2-mRNA-1	NA	NA		Os01g0632700	OsR498G0101597500.01.T03	
maker-1-augustus-gene-260.20-mRNA-1	NA	NA		Os01g0633000	OsR498G0101598600.01.T01	50S ribosomal protein L31, chloroplastic
maker-1-augustus-gene-260.3-mRNA-1	NA	NA				ATP-dependent DNA helicase
maker-1-augustus-gene-260.7-mRNA-1	NA	NA		Os01g0633100	OsR498G0101598700.01.T09	Glucose-1-phosphate adenylyltransferase large subunit, chloroplastic/amyloplast
maker-1-augustus-gene-261.42-mRNA-1	NA	Japonica		Os01g0634900	OsR498G0101602500.01.T02	Cystathionine beta-synthase family protein
maker-1-augustus-gene-261.51-mRNA-1	NA	NA		Os01g0634300	OsR498G0101600400.01.T03	Auxilin-like protein 1
maker-1-augustus-gene-261.55-mRNA-1	NA	Indica		Os01g0842500	OsR498G0101601600.01.T01	Laccase
maker-1-augustus-gene-262.0-mRNA-1	NA	NA		Os01g0636500	OsR498G0101607300.01.T03	Polygalacturonase
maker-1-augustus-gene-262.11-mRNA-1	NA	NA		Os01g0636700		SWI/SNF-related matrix-associated actin-dependent regulator 1 of chromatin
maker-1-augustus-gene-262.17-mRNA-1	NA	Japonica		Os01g0637100	OsR498G0101609600.01.T02	F-box domain-containing protein (Fragment)
maker-1-augustus-gene-263.10-mRNA-1	NA	NA		Os01g0637600	OsR498G0101612800.01.T01	Peptide deformylase
maker-1-augustus-gene-264.35-mRNA-1	NA	NA		Os01g0639900	OsR498G0101621700.01.T03	Carbonic anhydrase, chloroplastic
maker-1-augustus-gene-264.42-mRNA-1	NA	NA		Os01g0640000	OsR498G0101621900.01.T01	Carbonic anhydrase
maker-1-augustus-gene-264.45-mRNA-1	NA	Japonica		Os01g0640132	OsR498G0101621700.01.T08	Carbonic anhydrase
maker-1-augustus-gene-264.47-mRNA-1	NA	NA		Os01g0640600	OsR498G0101624100.01.T02	Exostosin domain-containing protein (Fragment)
maker-1-augustus-gene-264.49-mRNA-1	NA	NA	Kinase-TM	Os01g0641000	OsR498G0101624900.01.T01	Serine/threonine-protein kinase STY8
maker-1-augustus-gene-264.51-mRNA-1	NA	NA		0	OsR498G0101625100.01.T01	5'-deoxynucleotidase
maker-1-augustus-gene-264.56-mRNA-1	NA	NA		Os01g0640200	OsR498G0101623200.01.T01	VWFA domain-containing protein (Fragment)
maker-1-augustus-gene-264.57-mRNA-1	NA	NA		Os01g0640800	OsR498G0101624600.01.T04	Ribosomal RNA large subunit methyltransferase RlmN
maker-1-augustus-gene-265.34-mRNA-1	NA	Indica		Os01g0642000	OsR498G0101627300.01.T07	Isoprenylcysteine alpha-carbonyl methyltransferase ICME
maker-1-augustus-gene-265.37-mRNA-1	NA	NA	Kinase-TM			Non-specific serine/threonine protein kinase
maker-1-augustus-gene-265.45-mRNA-1	NA	NA				
maker-1-augustus-gene-265.49-mRNA-1	NA	NA				SWI/SNF-related matrix-associated actin-dependent regulator of chromatin
maker-1-augustus-gene-265.51-mRNA-1	NA	NA		Os01g0642900	OsR498G0101632000.01.T03	Single-stranded DNA-binding protein, mitochondrial
maker-1-augustus-gene-266.5-mRNA-1	NA	NA	Kinase-TM			Mitogen-activated protein kinase
maker-1-augustus-gene-267.0-mRNA-1	NA	NA		Os01g0645200	OsR498G0101641700.01.T02	Sodium/pyruvate cotransporter BASS2, chloroplastic
maker-1-augustus-gene-267.11-mRNA-1	NA	Japonica		Os08g0112000	OsR498G0101647000.01.T05	ATP-dependent DNA helicase
maker-1-augustus-gene-268.0-mRNA-1	NA	NA		Os01g0647700	OsR498G0101650500.01.T04	AB hydrolase-1 domain-containing protein
maker-1-augustus-gene-268.4-mRNA-1	NA	Indica		Os05g0347000	OsR498G0101653700.01.T03	Transcription initiation factor TFIID subunit 7
maker-1-augustus-gene-269.0-mRNA-1	NA	NA				Small-subunit processome, Utp12
maker-1-augustus-gene-269.26-mRNA-1	NA	NA		Os01g0649200	OsR498G0101655500.01.T02	GDSL-like Lipase/Acylhydrolase superfamily protein, putative
maker-1-augustus-gene-269.6-mRNA-1	NA	NA		Os01g0649100	OsR498G0101655100.01.T01	Malate dehydrogenase
maker-1-augustus-gene-27.39-mRNA-1	NA	NA		Os01g0148700	OsR498G0100175700.01.T02	
maker-1-augustus-gene-27.45-mRNA-1	NA	NA		Os01g0150200	OsR498G0100180300.01.T03	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase PASTICCINO 2
maker-1-augustus-gene-27.51-mRNA-1	NA	Indica		Os01g0150500	OsR498G0100180500.01.T03	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase
maker-1-augustus-gene-27.57-mRNA-1	NA	Japonica		Os01g0150500	OsR498G0100180900.01.T01	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase
maker-1-augustus-gene-27.60-mRNA-1	NA	NA		0	OsR498G0100181300.01.T05	
maker-1-augustus-gene-27.67-mRNA-1	NA	NA		Os01g0149900	OsR498G0100179000.01.T01	
maker-1-augustus-gene-270.0-mRNA-1	NA	Japonica		Os01g0650900	OsR498G0101660700.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-270.19-mRNA-1	NA	NA		Os01g0650700		Transposon protein, putative, CACTA, En/Spm sub-class
maker-1-augustus-gene-271.40-mRNA-1	NA	NA		Os01g0653800	OsR498G0101671400.01.T03	Transcription initiation factor TFIID subunit 5
maker-1-augustus-gene-272.0-mRNA-1	NA	NA		Os01g0654100	OsR498G0101676300.01.T01	CTP synthase (glutamine hydrolyzing)
maker-1-augustus-gene-272.15-mRNA-1	NA	NA		Os01g0654200	OsR498G0101676600.01.T04	Endopeptidase S2P
maker-1-augustus-gene-272.20-mRNA-1	NA	NA		Os01g0654500	OsR498G0101677000.01.T01	Isocitrate dehydrogenase [NADP]
maker-1-augustus-gene-272.8-mRNA-1	NA	NA		0	OsR498G0101676700.01.T01	Arp2/3 complex 34 kDa subunit
maker-1-augustus-gene-273.0-mRNA-1	NA	NA		Os01g0654966		
maker-1-augustus-gene-273.19-mRNA-1	NA	NA		Os01g0655500	OsR498G0101681300.01.T01	Serine/threonine-protein kinase STN7, chloroplastic
maker-1-augustus-gene-273.25-mRNA-1	NA	NA		Os01g0655800	OsR498G0101682500.01.T08	Fatty acyl-CoA synthetase A
maker-1-augustus-gene-273.32-mRNA-1	NA	NA		Os01g0656200	OsR498G0101683700.01.T01	Protein-serine/threonine phosphatase
maker-1-augustus-gene-273.8-mRNA-1	NA	NA		0	OsR498G0101680700.01.T01	histone-lysine N-methyltransferase ATX4-like isoform X1
maker-1-augustus-gene-274.5-mRNA-1	NA	NA		Os01g0656400	OsR498G0101685000.01.T01	DNA-binding WRKY
maker-1-augustus-gene-275.39-mRNA-1	NA	NA		Os01g0658400	OsR498G0101690600.01.T03	UBC core domain-containing protein (Fragment)

maker-1-augustus-gene-275.41-mRNA-1	NA	NA		0	OsR498G0101690800.01.T01	Vacuolar protein sorting-associated protein 25
maker-1-augustus-gene-276.26-mRNA-1	NA	NA		Os01g0660900	OsR498G0101697900.01.T02	DUF588 domain-containing protein
maker-1-augustus-gene-277.71-mRNA-1	NA	Japonica		Os01g0662800	OsR498G0101701800.01.T01	GATA transcription factor 19
maker-1-augustus-gene-278.36-mRNA-1	NA	NA		Os01g0664500	OsR498G0101707900.01.T05	Endosulphine
maker-1-augustus-gene-278.40-mRNA-1	NA	NA	Kinase-TM	Os01g0665200	OsR498G0101709700.01.T01	Mitogen-activated protein kinase
maker-1-augustus-gene-278.45-mRNA-1	NA	NA		Os01g0665400	OsR498G0101710100.01.T02	Ribokinase
maker-1-augustus-gene-278.50-mRNA-1	NA	NA		Os01g0665300	OsR498G0101710000.01.T02	FCP1 homology domain-containing protein
maker-1-augustus-gene-28.0-mRNA-1	NA	NA				Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase
maker-1-augustus-gene-28.17-mRNA-1	NA	NA		Os01g0151400	OsR498G0100183500.01.T01	glutathione hydrolase 3
maker-1-augustus-gene-28.19-mRNA-1	NA	NA		Os01g0151600	OsR498G0100183900.01.T01	K-stimulated pyrophosphate-energized sodium pump protein
maker-1-augustus-gene-28.25-mRNA-1	NA	NA		Os01g0151700	OsR498G0100184500.01.T02	Short-chain dehydrogenase TIC 32, chloroplastic
maker-1-augustus-gene-28.3-mRNA-1	NA	Indica		Os01g0150800	OsR498G0100182100.01.T03	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase
maker-1-augustus-gene-28.4-mRNA-1	NA	NA		Os01g0150800		Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase
maker-1-augustus-gene-280.36-mRNA-1	NA	NA		0	OsR498G0101724300.01.T03	PHD-type domain-containing protein (Fragment)
maker-1-augustus-gene-285.6-mRNA-1	NA	NA		0	OsR498G0101756500.01.T01	Putative Pyridoxal phosphate (PLP)-dependent transferases superfamily pro
maker-1-augustus-gene-287.48-mRNA-1	NA	NA		Os01g0681000	OsR498G0101770000.01.T01	Diacylglycerol O-acyltransferase
maker-1-augustus-gene-289.0-mRNA-1	NA	Indica		Os01g0684200	OsR498G0101781300.01.T02	protein prenyltransferase alpha subunit repeat-containing protein 1-B
maker-1-augustus-gene-29.61-mRNA-1	NA	NA	Kinase-LRR-TM	Os01g0153000	OsR498G0100190500.01.T02	LRR receptor-like serine/threonine-protein kinase EFR
maker-1-augustus-gene-29.92-mRNA-1	NA	NA				DUF674 domain-containing protein
maker-1-augustus-gene-292.0-mRNA-1	NA	NA				Protein kinase domain-containing protein
maker-1-augustus-gene-292.1-mRNA-1	NA	NA	Kinase-TM	Os01g0690800	OsR498G0101800500.01.T01	Protein kinase domain-containing protein (Fragment)
maker-1-augustus-gene-294.43-mRNA-1	NA	NA				p-glycoprotein-like
maker-1-augustus-gene-297.0-mRNA-1	NA	Japonica		Os01g0701300	OsR498G0101836900.01.T01	Thromboxane-A synthase
maker-1-augustus-gene-297.1-mRNA-1	NA	Japonica		Os01g0701300	OsR498G0101836700.01.T01	Thromboxane-A synthase
maker-1-augustus-gene-304.9-mRNA-1	NA	Japonica		Os01g0714800	OsR498G0101881000.01.T01	WRKY transcription factor
maker-1-augustus-gene-308.8-mRNA-1	NA	NA		Os11g0500100		HAT dimerization domain-containing protein / transposase-related
maker-1-augustus-gene-309.64-mRNA-1	NA	NA		Os01g0726100	OsR498G0101925400.01.T02	Non-classical arabinogalactan protein 31-like
maker-1-augustus-gene-318.12-mRNA-1	NA	NA		0	OsR498G01019076900.01.T01	N-acetylmuramoyl-L-alanine amidase
maker-1-augustus-gene-32.49-mRNA-1	NA	NA	LRR-TM			LRR receptor-like serine/threonine-protein kinase FLS2
maker-1-augustus-gene-32.54-mRNA-1	NA	NA		0	OsR498G0204301500.01.T06	ATP-dependent DNA helicase
maker-1-augustus-gene-320.23-mRNA-1	NA	NA		Os01g0767100	OsR498G0102058600.01.T02	Lysosomal Pro-X carboxypeptidase
maker-1-augustus-gene-330.7-mRNA-1	NA	NA		Os01g0767700	OsR498G0102059100.01.T04	RNA helicase
maker-1-augustus-gene-333.28-mRNA-1	NA	Japonica		Os01g0772400	OsR498G0102072700.01.T02	Coenzyme Q-binding protein COQ, mitochondrial
maker-1-augustus-gene-333.67-mRNA-1	NA	Indica		Os01g0772150	OsR498G0102071800.01.T01	Histone-lysine N-methyltransferase SUV39
maker-1-augustus-gene-333.69-mRNA-1	NA	Indica		Os05g0509900	OsR498G0102072200.01.T01	Transcription initiation factor IIF subunit beta
maker-1-augustus-gene-333.71-mRNA-1	NA	NA		Os01g0772500	OsR498G0102073000.01.T01	Beta-glucuronosyltransferase GlcAT14A
maker-1-augustus-gene-334.10-mRNA-1	NA	NA				FBD domain-containing protein
maker-1-augustus-gene-336.11-mRNA-1	NA	NA		0	OsR498G0102091900.01.T01	RRM domain-containing protein (Fragment)
maker-1-augustus-gene-336.6-mRNA-1	NA	NA		Os01g0777300	OsR498G0102091700.01.T01	Exonuclease 1
maker-1-augustus-gene-336.9-mRNA-1	NA	NA		0	OsR498G0102091900.01.T01	RRM domain-containing protein (Fragment)
maker-1-augustus-gene-337.58-mRNA-1	NA	NA		Os01g0780800	OsR498G0102100200.01.T01	SAND domain-containing protein
maker-1-augustus-gene-338.4-mRNA-1	NA	NA		Os01g0782200	OsR498G0102103600.01.T02	Sphingosine kinase
maker-1-augustus-gene-343.59-mRNA-1	NA	NA		Os01g0794400	OsR498G0102132300.01.T02	Probable nucleoredoxin 2
maker-1-augustus-gene-343.64-mRNA-1	NA	NA		Os01g0795000	OsR498G0102133700.01.T02	Subtilisin-like protease
maker-1-augustus-gene-343.78-mRNA-1	NA	NA		Os01g0795200	OsR498G0102134700.01.T03	Subtilisin-like protease
maker-1-augustus-gene-351.29-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0102189200.01.T01	Putative light repressible receptor protein kinase
maker-1-augustus-gene-351.32-mRNA-1	NA	NA		0	OsR498G0102190000.01.T03	Glutamate formimidoyltransferase
maker-1-augustus-gene-352.48-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0102192000.01.T01	Putative light repressible receptor protein kinase
maker-1-augustus-gene-357.16-mRNA-1	NA	NA		Os01g0819900	OsR498G0102222600.01.T01	Inactive serine/threonine-protein kinase scy1
maker-1-augustus-gene-357.6-mRNA-1	NA	NA		Os01g0819400	OsR498G0102220900.01.T02	UBC core domain-containing protein (Fragment)
maker-1-augustus-gene-357.8-mRNA-1	NA	NA		Os01g0819700	OsR498G0102222100.01.T02	Protein ENHANCED DISEASE RESISTANCE 4
maker-1-augustus-gene-36.32-mRNA-1	NA	NA		0	OsR498G0100235700.01.T03	OCRE domain-containing protein
maker-1-augustus-gene-36.38-mRNA-1	NA	NA		0	OsR498G0100237300.01.T05	Usp domain-containing protein
maker-1-augustus-gene-36.40-mRNA-1	NA	NA		Os01g0170600		Usp domain-containing protein (Fragment)
maker-1-augustus-gene-36.42-mRNA-1	NA	NA		Os01g0170700	OsR498G0100237500.01.T01	
maker-1-augustus-gene-36.45-mRNA-1	NA	NA		0	OsR498G0100237900.01.T02	Pentatricopeptide repeat-containing protein mitochondrial
maker-1-augustus-gene-36.46-mRNA-1	NA	NA		Os01g0169500	OsR498G0100232800.01.T02	
maker-1-augustus-gene-36.50-mRNA-1	NA	Indica		Os05g0169300	OsR498G0100233200.01.T01	Tryptophan aminotransferase
maker-1-augustus-gene-36.53-mRNA-1	NA	NA		Os01g0169900	OsR498G0100234400.01.T01	Class E vacuolar protein-sorting machinery protein HSE1-like
maker-1-augustus-gene-36.55-mRNA-1	NA	NA		0	OsR498G0100235000.01.T02	Galactinol--sucrose galactosyltransferase
maker-1-augustus-gene-36.58-mRNA-1	NA	NA		Os01g0170500	OsR498G0100236600.01.T01	NEP-interacting protein 1

maker-1-augustus-gene-363.0-mRNA-1	NA	NA		Os01g0831200	OsR498G0102268500.01.T02	BCL-2-associated athanogene 4
maker-1-augustus-gene-363.16-mRNA-1	NA	Indica		Os01g0831900	OsR498G0102268800.01.T01	Ammonium transporter
maker-1-augustus-gene-365.3-mRNA-1	NA	NA		Os01g0835500	OsR498G0102283700.01.T01	Respiratory burst oxidase like protein H
maker-1-augustus-gene-368.12-mRNA-1	NA	NA				Homeobox domain-containing protein
maker-1-augustus-gene-368.15-mRNA-1	NA	NA		Os01g0841200	OsR498G0102308400.01.T02	O-fucosyltransferase family protein (Fragment)
maker-1-augustus-gene-368.4-mRNA-1	NA	NA		0	OsR498G0102307700.01.T02	ENTH domain-containing protein
maker-1-augustus-gene-368.9-mRNA-1	NA	NA		Os01g0840700	OsR498G0102306200.01.T01	60S ribosomal protein L36
maker-1-augustus-gene-369.0-mRNA-1	NA	NA		Os01g0841500	OsR498G0102309500.01.T01	Myb transcript factor 1
maker-1-augustus-gene-369.12-mRNA-1	NA	Indica		Os01g0841800	OsR498G0102310200.01.T01	RNB domain-containing protein
maker-1-augustus-gene-369.19-mRNA-1	NA	NA		Os01g0842400	OsR498G0102312600.01.T01	Laccase
maker-1-augustus-gene-369.21-mRNA-1	NA	NA		Os01g0842500	OsR498G0102313000.01.T01	Laccase
maker-1-augustus-gene-369.26-mRNA-1	NA	NA		Os01g0842600	OsR498G0102313400.01.T01	Mitochondrial FTSH metalloprotease
maker-1-augustus-gene-369.32-mRNA-1	NA	NA		0	OsR498G0102313600.01.T01	WRKY transcription factor
maker-1-augustus-gene-369.4-mRNA-1	NA	NA		Os01g0841600	OsR498G0102309700.01.T01	Triose phosphate isomerase5
maker-1-augustus-gene-37.0-mRNA-1	NA	NA		0	OsR498G0100241300.01.T01	
maker-1-augustus-gene-37.10-mRNA-1	NA	NA		0	OsR498G1119934800.01.T01	
maker-1-augustus-gene-37.14-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0100238400.01.T01	Leucine-rich repeat receptor-like kinase
maker-1-augustus-gene-37.16-mRNA-1	NA	NA		0	OsR498G0100238600.01.T02	Ankyrin repeat and SOCS box-containing protein 14
maker-1-augustus-gene-37.2-mRNA-1	NA	NA		Os01g0172100	OsR498G0100242100.01.T02	Phosphoenolpyruvate/phosphate translocator 2 chloroplastic
maker-1-augustus-gene-37.22-mRNA-1	NA	NA		Os01g0171800	OsR498G0100240600.01.T03	
maker-1-augustus-gene-37.26-mRNA-1	NA	NA		0	OsR498G0100241600.01.T02	Putative dolichyl-phosphate-mannose--glycolipid alpha-mannosyltransferase
maker-1-augustus-gene-37.6-mRNA-1	NA	NA		0	OsR498G0100242900.01.T04	Peroxidase
maker-1-augustus-gene-37.8-mRNA-1	NA	NA				Polygalacturonase
maker-1-augustus-gene-370.38-mRNA-1	NA	Indica		Os03g0810600	OsR498G0102315900.01.T01	Mitochondrial Rho GTPase
maker-1-augustus-gene-370.43-mRNA-1	NA	Indica		Os01g0844050	OsR498G0102317300.01.T01	Laccase
maker-1-augustus-gene-370.46-mRNA-1	NA	NA		Os01g0844300	OsR498G0102318300.01.T05	Peptidylprolyl isomerase
maker-1-augustus-gene-370.49-mRNA-1	NA	NA		Os01g0844800	OsR498G0102321100.01.T02	PUM-HD domain-containing protein
maker-1-augustus-gene-370.55-mRNA-1	NA	NA		0	OsR498G0102315400.01.T01	
maker-1-augustus-gene-370.56-mRNA-1	NA	NA		Os01g0844400	OsR498G0102318600.01.T04	S-acyltransferase
maker-1-augustus-gene-371.0-mRNA-1	NA	NA		Os12g0539800	OsR498G1221780600.01.T01	
maker-1-augustus-gene-371.12-mRNA-1	NA	NA		Os01g0846500	OsR498G0102326300.01.T04	PAP/25A-associated
maker-1-augustus-gene-371.22-mRNA-1	NA	NA		Os01g0847200	OsR498G0102328500.01.T02	Mannose-1-phosphate guanylyltransferase 1
maker-1-augustus-gene-371.25-mRNA-1	NA	Indica		Os01g0847700	OsR498G0102329100.01.T03	Ald-keto reductase family 4 member C-10 like
maker-1-augustus-gene-371.28-mRNA-1	NA	NA		Os01g0847700	OsR498G0102329500.01.T01	Ald-keto reductase family 4 member C-10 like
maker-1-augustus-gene-371.3-mRNA-1	NA	NA		Os01g0846300	OsR498G0102325500.01.T01	Protein-serine/threonine phosphatase
maker-1-augustus-gene-371.32-mRNA-1	NA	NA		Os12g0540450		
maker-1-augustus-gene-371.34-mRNA-1	NA	Indica		Os03g0855700	OsR498G0102324800.01.T02	DUF223 domain-containing protein
maker-1-augustus-gene-371.37-mRNA-1	NA	Indica		Os01g0630700	OsR498G1221780100.01.T02	Putative transcription factor DP, helitron helicase-like domain-containing pr
maker-1-augustus-gene-371.41-mRNA-1	NA	NA		0	OsR498G1221780100.01.T05	
maker-1-augustus-gene-371.43-mRNA-1	NA	NA		Os01g0846600	OsR498G0102327000.01.T02	Methyltransferase
maker-1-augustus-gene-371.46-mRNA-1	NA	Indica		Os01g0846900	OsR498G0102328000.01.T03	Transcription initiation factor TFIID
maker-1-augustus-gene-371.50-mRNA-1	NA	NA		Os01g0847300	OsR498G0102328800.01.T01	
maker-1-augustus-gene-371.6-mRNA-1	NA	NA				Putative polynucleotide adenylyltransferase
maker-1-augustus-gene-372.0-mRNA-1	NA	Indica		Os05g0456300	OsR498G0102329700.01.T02	Aldo-keto reductase family 4 member C9
maker-1-augustus-gene-372.11-mRNA-1	NA	Indica		Os01g0848900	OsR498G0102334700.01.T01	Hypothetcal protein
maker-1-augustus-gene-372.16-mRNA-1	NA	NA		Os01g0847900	OsR498G0102330000.01.T02	
maker-1-augustus-gene-372.18-mRNA-1	NA	NA		Os01g0848400	OsR498G0102332000.01.T01	BEL1-like homeodomain protein 8
maker-1-augustus-gene-372.22-mRNA-1	NA	NA		Os01g0848700	OsR498G0102333600.01.T01	Ras-related protein like
maker-1-augustus-gene-372.24-mRNA-1	NA	NA		Os01g0849100	OsR498G0102335200.01.T01	PRONE domain-containing protein (Fragment)
maker-1-augustus-gene-372.26-mRNA-1	NA	NA		Os01g0849600	OsR498G0102335800.01.T01	Usp domain-containing protein
maker-1-augustus-gene-372.4-mRNA-1	NA	NA		Os01g0848200	OsR498G0102331100.01.T02	Delta-1-pyrroline-5-carboxylate synthase
maker-1-augustus-gene-373.0-mRNA-1	NA	NA		Os01g0850000	OsR498G0102338100.01.T02	
maker-1-augustus-gene-373.10-mRNA-1	NA	Indica		Os12g0259800	OsR498G0102339900.01.T01	Laccase
maker-1-augustus-gene-373.13-mRNA-1	NA	NA		Os01g0850700	OsR498G0102340300.01.T01	Laccase
maker-1-augustus-gene-373.15-mRNA-1	NA	NA		Os01g0850800	OsR498G0102340700.01.T01	Laccase
maker-1-augustus-gene-373.17-mRNA-1	NA	NA		Os01g0851000	OsR498G0102341500.01.T03	Fructokinase-like protein 1, chloroplastic
maker-1-augustus-gene-373.19-mRNA-1	NA	NA		Os01g0850400	OsR498G0102339600.01.T01	Myb-like protein B
maker-1-augustus-gene-373.21-mRNA-1	NA	NA		0	OsR498G0102341800.01.T01	O-fucosyltransferase family protein (Fragment)
maker-1-augustus-gene-373.3-mRNA-1	NA	NA		Os01g0850100	OsR498G0102338900.01.T06	Sphingomyelin synthase-like domain containing protein
maker-1-augustus-gene-374.33-mRNA-1	NA	NA		Os01g0853400	OsR498G0102350700.01.T02	Coronatine-insensitive protein homolog 1b
maker-1-augustus-gene-374.37-mRNA-1	NA	NA		Os01g0851300	OsR498G0102343200.01.T02	Reticulon domain-containing protein

maker-1-augustus-gene-374.40-mRNA-1	NA	NA		Os01g0851400	OsR498G0102343400.01.T01	Ubiquitinyl hydrolase 1
maker-1-augustus-gene-374.42-mRNA-1	NA	NA		Os01g0851700	OsR498G0102345000.01.T01	Alpha-1,4 glucan phosphorylase
maker-1-augustus-gene-374.48-mRNA-1	NA	Indica	Kinase-TM	Os03g0825800	OsR498G0102345600.01.T02	Serine/threonine protein kinase
maker-1-augustus-gene-374.52-mRNA-1	NA	Indica		Os01g0852200	OsR498G0102346000.01.T01	Anion transporter 4 like
maker-1-augustus-gene-374.57-mRNA-1	NA	Indica		Os01g0852500	OsR498G0102348400.01.T03	ELM2 domain-containing protein
maker-1-augustus-gene-374.60-mRNA-1	NA	NA		Os01g0853000	OsR498G0102349200.01.T01	Putative pentatricopeptide repeat-containing protein
maker-1-augustus-gene-375.0-mRNA-1	NA	NA		Os01g0854400	OsR498G0102355900.01.T01	
maker-1-augustus-gene-375.1-mRNA-1	NA	NA		Os01g0853700	OsR498G0102352200.01.T01	Transcription factor DIVARICATA
maker-1-augustus-gene-375.3-mRNA-1	NA	NA		Os01g0854500	OsR498G0102356600.01.T01	Homeobox domain containing protein, expressed
maker-1-augustus-gene-375.5-mRNA-1	NA	NA		Os01g0855000	OsR498G0102357800.01.T01	Glycerol-3-phosphate 2-O-acyltransferase 6
maker-1-augustus-gene-376.22-mRNA-1	NA	NA		Os01g0855200	OsR498G0102360100.01.T01	Tetratricopeptide repeat (TPR)-like superfamily protein
maker-1-augustus-gene-376.24-mRNA-1	NA	NA		Os01g0855400	OsR498G0102361100.01.T01	Myb proto-oncogene protein-like
maker-1-augustus-gene-376.26-mRNA-1	NA	NA		Os01g0856000	OsR498G0102362900.01.T03	Cell division control protein 6 homolog B
maker-1-augustus-gene-376.29-mRNA-1	NA	NA		Os01g0856500	OsR498G0102366700.01.T01	Auxin transporter-like protein 4 isoform A
maker-1-augustus-gene-377.33-mRNA-1	NA	NA		Os01g0856900	OsR498G0102367900.01.T01	Alpha-amylase
maker-1-augustus-gene-377.35-mRNA-1	NA	NA		0	OsR498G0102369300.01.T02	Nucleobase-ascorbate transporter like
maker-1-augustus-gene-377.41-mRNA-1	NA	NA		0	OsR498G0203524100.01.T01	DNA excision repair protein like
maker-1-augustus-gene-377.50-mRNA-1	NA	NA		0	OsR498G0102367000.01.T02	Nuclear pore complex protein NUP62
maker-1-augustus-gene-377.56-mRNA-1	NA	NA		Os01g0857000	OsR498G0102368200.01.T03	Protein-serine/threonine phosphatase
maker-1-augustus-gene-377.61-mRNA-1	NA	NA		Os01g0857200	OsR498G0102368400.01.T02	Alkyl transferase
maker-1-augustus-gene-377.63-mRNA-1	NA	NA		0	OsR498G0102368600.01.T01	probable 3-deoxy-D-manno-octulosonic acid transferase, mitochondrial
maker-1-augustus-gene-377.69-mRNA-1	NA	NA		Os01g0857400	OsR498G0102368800.01.T01	GABA transporter 1
maker-1-augustus-gene-377.72-mRNA-1	NA	Indica		Os01g0857600	OsR498G0102369600.01.T01	
maker-1-augustus-gene-377.75-mRNA-1	NA	NA		Os01g0858000	OsR498G0102370200.01.T01	AT hook motif-containing protein-like
maker-1-augustus-gene-378.32-mRNA-1	NA	NA		Os01g0858700	OsR498G0102372900.01.T01	Nuclear transcription factor Y subunit alpha like
maker-1-augustus-gene-378.34-mRNA-1	NA	NA		Os01g0859200	OsR498G0102374900.01.T05	AB hydrolase-1 domain-containing protein
maker-1-augustus-gene-378.37-mRNA-1	NA	Indica		Os01g0859300	OsR498G0102377300.01.T01	Absciscic acid insensitive 5 homologue
maker-1-augustus-gene-378.39-mRNA-1	NA	NA		Os01g0859400	OsR498G0102377500.01.T01	Dual specificity protein phosphatase Diacylglycerol kinase catalytic region
maker-1-augustus-gene-378.47-mRNA-1	NA	NA		Os01g0859100		Zinc finger protein WIP5
maker-1-augustus-gene-379.50-mRNA-1	NA	NA		Os01g0860400	OsR498G0102379300.01.T01	Acidic endochitinase
maker-1-augustus-gene-379.55-mRNA-1	NA	NA		Os01g0861400	OsR498G010048900.01.T01	
maker-1-augustus-gene-379.57-mRNA-1	NA	NA		Os01g0861700	OsR498G0102383100.01.T01	Hemerythrin domain-containing protein (Fragment)
maker-1-augustus-gene-379.60-mRNA-1	NA	NA		Os01g0862200	OsR498G0102383900.01.T01	Myb domain protein 3r-3
maker-1-augustus-gene-379.62-mRNA-1	NA	NA		Os01g0862800	OsR498G0102385500.01.T01	NAC domain-containing protein 90
maker-1-augustus-gene-379.64-mRNA-1	NA	NA		0	OsR498G0102386100.01.T01	
maker-1-augustus-gene-379.65-mRNA-1	NA	NA		Os01g0861900	OsR498G0102383600.01.T01	Transposon protein Mutator sub-class
maker-1-augustus-gene-379.67-mRNA-1	NA	Indica		Os01g0862000	OsR498G0102383800.01.T04	AB hydrolase-1 domain-containing protein (Fragment)
maker-1-augustus-gene-379.72-mRNA-1	NA	NA		Os01g0862300	OsR498G0102384200.01.T01	Sorting nexin-1
maker-1-augustus-gene-38.38-mRNA-1	NA	NA		Os01g0174900	OsR498G0100249700.01.T02	Monothiol glutaredoxin
maker-1-augustus-gene-38.48-mRNA-1	NA	NA		Os01g0174500	OsR498G0100248600.01.T01	Procollagen-proline 4-dioxygenase
maker-1-augustus-gene-38.52-mRNA-1	NA	NA		Os01g0174600	OsR498G0100248800.01.T01	Zinc finger CCCH domain-containing protein 1
maker-1-augustus-gene-380.0-mRNA-1	NA	Indica		Os05g0442400	OsR498G0102387900.01.T01	Transcription factor DIVARICATA
maker-1-augustus-gene-380.3-mRNA-1	NA	NA		Os01g0863400	OsR498G0102388200.01.T01	
maker-1-augustus-gene-380.5-mRNA-1	NA	Indica		Os01g0864000	OsR498G0102390000.01.T01	Transcription repressor
maker-1-augustus-gene-381.0-mRNA-1	NA	NA		Os01g0865600	OsR498G0102396300.01.T01	Transcription factor LHW like
maker-1-augustus-gene-381.12-mRNA-1	NA	NA		Os01g0866400	OsR498G0102400900.01.T01	D-fructose-1,6-bisphosphate 1-phosphohydrolase
maker-1-augustus-gene-381.17-mRNA-1	NA	NA	Kinase	0	OsR498G0102391800.01.T03	Serine/threonine-protein kinase Nek5
maker-1-augustus-gene-381.23-mRNA-1	NA	NA		Os01g0865100	OsR498G0102395000.01.T01	Uricase
maker-1-augustus-gene-381.29-mRNA-1	NA	NA		Os01g0866500	OsR498G0102401200.01.T02	Inorganic diphosphatase
maker-1-augustus-gene-381.32-mRNA-1	NA	NA		Os01g0866600	OsR498G0102401600.01.T01	Sm domain-containing protein
maker-1-augustus-gene-381.34-mRNA-1	NA	NA		Os01g0866700	OsR498G0102401800.01.T01	U6 snRNA-associated Sm-like protein LSM3
maker-1-augustus-gene-381.5-mRNA-1	NA	Indica		Os05g0438800	OsR498G0102400100.01.T02	Actin-7
maker-1-augustus-gene-381.7-mRNA-1	NA	NA		Os01g0866300	OsR498G0102400700.01.T04	SNARE protein YKT6, synaptobrevin/VAMP syperfamily
maker-1-augustus-gene-382.0-mRNA-1	NA	NA		Os01g0866800	OsR498G0102403100.01.T05	Tubby-like F-box protein 14
maker-1-augustus-gene-382.14-mRNA-1	NA	NA		Os01g0867600	OsR498G0102404900.01.T01	Sterol 3-beta-glucosyltransferase
maker-1-augustus-gene-382.21-mRNA-1	NA	NA		Os01g0867700	OsR498G0102405100.01.T01	
maker-1-augustus-gene-382.23-mRNA-1	NA	NA		Os01g0867800	OsR498G0102405300.01.T10	Polypyrimidine tract-binding protein like 3
maker-1-augustus-gene-382.28-mRNA-1	NA	NA		Os01g0867300	OsR498G0102404000.01.T03	G-box-binding factor 4
maker-1-augustus-gene-382.32-mRNA-1	NA	NA		Os01g0867900	OsR498G0102405600.01.T01	Membrane protein COV-like
maker-1-augustus-gene-382.36-mRNA-1	NA	Japonica		Os01g0868000	OsR498G0102406000.01.T01	Ethylene-responsive transcription factor
maker-1-augustus-gene-382.6-mRNA-1	NA	Indica		Os07g0675400	OsR498G0102403500.01.T04	Tyrosyl-tRNA synthetase

maker-1-augustus-gene-382.9-mRNA-1	NA	NA		Os01g0867200	OsR498G0102403700.01.T03	Putative wd repeat-containing protein-like
maker-1-augustus-gene-383.0-mRNA-1	NA	NA		0	OsR498G0102408700.01.T01	Peptidase A1 domain-containing protein
maker-1-augustus-gene-383.1-mRNA-1	NA	NA		Os01g0869200	OsR498G0102410700.01.T01	Magnesium transporter
maker-1-augustus-gene-383.16-mRNA-1	NA	NA				S-acyltransferase
maker-1-augustus-gene-383.21-mRNA-1	NA	NA				DNA polymerase alpha catalytic subunit
maker-1-augustus-gene-383.27-mRNA-1	NA	NA		Os01g0869000	OsR498G0102410200.01.T01	
maker-1-augustus-gene-383.3-mRNA-1	NA	NA		Os01g0869600	OsR498G0102412100.01.T01	TLC domain-containing protein 2
maker-1-augustus-gene-383.32-mRNA-1	NA	Indica		Os07g0232900	OsR498G0102410400.01.T01	Cadmium/zinc-transporting ATPase HMA2
maker-1-augustus-gene-383.34-mRNA-1	NA	NA				
maker-1-augustus-gene-383.39-mRNA-1	NA	NA		Os01g0869500	OsR498G0102412000.01.T01	AUGMIN subunit like
maker-1-augustus-gene-383.43-mRNA-1	NA	NA		Os01g0870100	OsR498G0102414000.01.T01	Ion channel POLLUX like
maker-1-augustus-gene-383.6-mRNA-1	NA	NA		Os01g0869800	OsR498G0102412300.01.T01	Photosystem II protein, chloroplastic
maker-1-augustus-gene-384.0-mRNA-1	NA	Indica		Os02g0688900	OsR498G0102414300.01.T01	Phosphatidylinositol glycan anchor biosynthesis class U protein
maker-1-augustus-gene-384.10-mRNA-1	NA	NA				AB hydrolase-1 domain-containing protein (Fragment)
maker-1-augustus-gene-384.17-mRNA-1	NA	NA		Os01g0871300	OsR498G0102417100.01.T01	Glutamate-oxaloacetate transaminase4
maker-1-augustus-gene-384.21-mRNA-1	NA	NA		Os01g0871500	OsR498G0102418100.01.T03	Peptide/nitrate transporter
maker-1-augustus-gene-384.25-mRNA-1	NA	NA		Os01g0871600	OsR498G0102418700.01.T01	Peptide/nitrate transporter
maker-1-augustus-gene-384.28-mRNA-1	NA	Indica		Os01g0872100	OsR498G0102418900.01.T01	Peptide transporter PTR2
maker-1-augustus-gene-384.30-mRNA-1	NA	NA		Os01g0871800	OsR498G0102419100.01.T01	CRIB domain-containing protein
maker-1-augustus-gene-384.32-mRNA-1	NA	Japonica		Os01g0871900	OsR498G0102420300.01.T02	Peptide transporter PTR5
maker-1-augustus-gene-384.34-mRNA-1	NA	Indica	Kinase-TM	Os01g0889900	OsR498G0102414800.01.T01	Receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-384.35-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0102415600.01.T01	Non-specific serine/threonine protein kinase (Fragment)
maker-1-augustus-gene-384.6-mRNA-1	NA	NA		0	OsR498G0102414500.01.T04	DNA repair protein XRCC
maker-1-augustus-gene-384.8-mRNA-1	NA	NA		Os01g0870300	OsR498G0102414500.01.T06	Ammonium transporter
maker-1-augustus-gene-385.1-mRNA-1	NA	NA		Os01g0872100	OsR498G0102420300.01.T02	Peptide transporter PTR5
maker-1-augustus-gene-385.11-mRNA-1	NA	NA		0	OsR498G0102421700.01.T01	CRIB domain-containing protein
maker-1-augustus-gene-385.14-mRNA-1	NA	NA		0	OsR498G0102422100.01.T01	ROP-interactive CRIB motif-containing protein 10
maker-1-augustus-gene-385.21-mRNA-1	NA	NA		Os01g0872700	OsR498G0102422400.01.T01	5'-3' exoribonuclease
maker-1-augustus-gene-385.27-mRNA-1	NA	NA	Kinase	Os01g0872800	OsR498G0102422600.01.T01	Non-specific serine/threonine protein kinase
maker-1-augustus-gene-385.34-mRNA-1	NA	NA		Os01g0873800	OsR498G0102425600.01.T01	Erythroid differentiation-related factor 1
maker-1-augustus-gene-385.38-mRNA-1	NA	Indica		Os05g0430300	OsR498G0102426200.01.T01	Zinc finger protein Pegasus
maker-1-augustus-gene-385.4-mRNA-1	NA	Indica		Os01g0871800	OsR498G0102420700.01.T01	Peptide transporter PTR2
maker-1-augustus-gene-385.6-mRNA-1	NA	Indica		Os01g0872000	OsR498G0102420900.01.T01	Putative proton-dependent oligopeptide or low-affinity nitrate transporter (
maker-1-augustus-gene-386.0-mRNA-1	NA	NA		Os01g0874300	OsR498G0102429100.01.T01	Transcription repressor MYB4
maker-1-augustus-gene-386.12-mRNA-1	NA	NA				SUEL-type lectin domain-containing protein
maker-1-augustus-gene-386.17-mRNA-1	NA	Indica		Os01g0874100	OsR498G0102428000.01.T01	dNK domain-containing protein (Fragment)
maker-1-augustus-gene-386.2-mRNA-1	NA	NA		Os01g0874700	OsR498G0102431700.01.T01	SEC14 cytosolic factor family protein / phosphoglyceride transfer family prot
maker-1-augustus-gene-386.20-mRNA-1	NA	NA		Os01g0874800	OsR498G0102432600.01.T02	53EXOc domain-containing protein (Fragment)
maker-1-augustus-gene-386.22-mRNA-1	NA	NA		Os01g0875000	OsR498G0102433600.01.T01	Transposable element protein, putative, MuDR
maker-1-augustus-gene-386.24-mRNA-1	NA	NA		Os01g0875400	OsR498G0102436000.01.T02	Nuclear proteasome inhibitor UBLCP1
maker-1-augustus-gene-386.5-mRNA-1	NA	NA		Os01g0874900	OsR498G0102433100.01.T01	Glycine hydroxymethyltransferase
maker-1-augustus-gene-386.8-mRNA-1	NA	NA		Os01g0875300	OsR498G0102435700.01.T01	Usp domain-containing protein (Fragment)
maker-1-augustus-gene-387.0-mRNA-1	NA	NA		Os01g0875700	OsR498G0102437500.01.T01	J domain-containing protein (Fragment)
maker-1-augustus-gene-387.13-mRNA-1	NA	NA		Os01g0877400	OsR498G0102441900.01.T01	Hexosyltransferase
maker-1-augustus-gene-387.16-mRNA-1	NA	NA		Os01g0877500	OsR498G0102442700.01.T01	PHD domain-containing protein
maker-1-augustus-gene-387.19-mRNA-1	NA	NA		Os01g0875800	OsR498G0102437800.01.T01	Peroxioredoxin-5, mitochondrial
maker-1-augustus-gene-387.2-mRNA-1	NA	Indica		Os08g0300300	OsR498G0102438100.01.T01	Chloride channel protein CLC-c
maker-1-augustus-gene-387.21-mRNA-1	NA	NA		Os01g0876400	OsR498G0102439000.01.T01	Galactose-binding protein isoform 1
maker-1-augustus-gene-387.25-mRNA-1	NA	NA		Os01g0876900	OsR498G0102441200.01.T02	SnRK1-interacting protein 1
maker-1-augustus-gene-387.4-mRNA-1	NA	Japonica		Os01g0876500	OsR498G0102439100.01.T04	Splicing factor U2af large subunit A
maker-1-augustus-gene-387.9-mRNA-1	NA	NA		Os01g0877300	OsR498G0102441700.01.T01	Mitotic spindle assembly checkpoint protein MAD1
maker-1-augustus-gene-388.46-mRNA-1	NA	NA		0	OsR498G0102449300.01.T01	Fidgetin-like protein 1
maker-1-augustus-gene-388.48-mRNA-1	NA	NA		Os01g0878000	OsR498G0102444800.01.T02	Protein GLUTAMINE DUMPER like
maker-1-augustus-gene-388.50-mRNA-1	NA	NA		Os01g0878400	OsR498G0102446400.01.T01	Amino acid transporter
maker-1-augustus-gene-388.52-mRNA-1	NA	NA		Os01g0878700	OsR498G0102447200.01.T02	Amino acid transporter
maker-1-augustus-gene-388.54-mRNA-1	NA	NA		Os01g0878800	OsR498G0102447400.01.T01	LigB domain-containing protein (Fragment)
maker-1-augustus-gene-388.56-mRNA-1	NA	NA		Os01g0878900	OsR498G0102447600.01.T02	LigB domain-containing protein (Fragment)
maker-1-augustus-gene-388.58-mRNA-1	NA	NA		0	OsR498G0102448800.01.T01	N-lysine methyltransferase
maker-1-augustus-gene-389.0-mRNA-1	NA	NA		Os01g0880200	OsR498G0102453500.01.T01	Hexosyltransferase
maker-1-augustus-gene-389.13-mRNA-1	NA	NA		Os01g0880300	OsR498G0102454200.01.T01	Pectinesterase
maker-1-augustus-gene-389.15-mRNA-1	NA	NA		Os01g0880400	OsR498G0102454400.01.T03	Protein trichome birefringence-like 7

maker-1-augustus-gene-389.18-mRNA-1	NA	NA		Os01g0881000	OsR498G0102455200.01.T01	CHD3-type chromatin-remodeling factor PICKLE
maker-1-augustus-gene-389.20-mRNA-1	NA	NA		Os01g0881500	OsR498G0102459000.01.T01	Scarecrow-like protein 1
maker-1-augustus-gene-389.3-mRNA-1	NA	NA		Os01g0880800	OsR498G0102454900.01.T01	Stearoyl-[acyl-carrier-protein] 9-desaturase 1, chloroplastic
maker-1-augustus-gene-389.5-mRNA-1	NA	NA		Os01g0881300	OsR498G0102458300.01.T01	Bidirectional sugar transporter SWEET
maker-1-augustus-gene-39.0-mRNA-1	NA	Indica		Os01g0175300	OsR498G0510826100.01.T01	ATP-dependent DNA helicase
maker-1-augustus-gene-39.15-mRNA-1	NA	NA		Os01g0175200		Ankyrin-3
maker-1-augustus-gene-39.47-mRNA-1	NA	NA		Os01g0176500	OsR498G0100254600.01.T01	Myosin-10 like
maker-1-augustus-gene-390.0-mRNA-1	NA	Indica		Os01g0882100	OsR498G0102460500.01.T01	4HBT domain-containing protein (Fragment)
maker-1-augustus-gene-390.15-mRNA-1	NA	NA		Os01g0883800	OsR498G0102466500.01.T01	Gibberellin 20 oxidase 2
maker-1-augustus-gene-390.17-mRNA-1	NA	NA		Os01g0881900	OsR498G0102460200.01.T04	F-box protein SKP2A
maker-1-augustus-gene-390.20-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0102460400.01.T03	probable serine/threonine-protein kinase PBL16
maker-1-augustus-gene-390.24-mRNA-1	NA	NA		Os06g0265400	OsR498G0612061600.01.T03	Basic-leucine zipper domain
maker-1-augustus-gene-390.26-mRNA-1	NA	NA		Os01g0882500	OsR498G0102462400.01.T01	NADH dehydrogenase I subunit N
maker-1-augustus-gene-390.28-mRNA-1	NA	NA		Os01g0882800	OsR498G0102462800.01.T01	Amino acid permease
maker-1-augustus-gene-390.3-mRNA-1	NA	NA		Os01g0882300	OsR498G0102462100.01.T03	Probable magnesium transporter
maker-1-augustus-gene-390.30-mRNA-1	NA	Japonica		Os01g0883100	OsR498G0102463400.01.T04	MADS-box transcription factor 2
maker-1-augustus-gene-390.8-mRNA-1	NA	NA		0	OsR498G0102463900.01.T01	HUN domain-containing protein
maker-1-augustus-gene-391.0-mRNA-1	NA	NA		Os01g0884400	OsR498G0102469100.01.T01	RING-type E3 ubiquitin transferase
maker-1-augustus-gene-391.11-mRNA-1	NA	NA		Os01g0884300	OsR498G0102467600.01.T01	NAC transcription factor
maker-1-augustus-gene-391.14-mRNA-1	NA	NA		Os01g0884500	OsR498G0102469400.01.T04	Plus3 domain-containing protein
maker-1-augustus-gene-391.20-mRNA-1	NA	NA		Os01g0884700	OsR498G0102470200.01.T01	Plus3 domain-containing protein
maker-1-augustus-gene-391.23-mRNA-1	NA	NA		0	OsR498G0102470400.01.T02	TVP38/TMEM64 family membrane protein like
maker-1-augustus-gene-391.26-mRNA-1	NA	NA		Os01g0885300	OsR498G0102472000.01.T04	Serine/arginine repetitive matrix protein 1-like isoform X2
maker-1-augustus-gene-391.29-mRNA-1	NA	NA		0	OsR498G0102473200.01.T04	SMAP domain-containing protein
maker-1-augustus-gene-391.3-mRNA-1	NA	Indica		Os01g0885000	OsR498G0102470900.01.T02	Cytochrome c, class IA/ IB
maker-1-augustus-gene-391.6-mRNA-1	NA	NA		Os01g0883900	OsR498G0102466800.01.T02	Putative methyltransferase PMT25
maker-1-augustus-gene-392.41-mRNA-1	NA	Japonica		Os01g0886200	OsR498G0102475700.01.T01	AGAMOUS-like protein 2
maker-1-augustus-gene-392.45-mRNA-1	NA	NA		Os01g0886300	OsR498G0102477100.01.T07	RNA-binding KH domain-containing protein isoform 1
maker-1-augustus-gene-392.49-mRNA-1	NA	Indica		Os05g0419200	OsR498G0102478500.01.T01	Protein root UVB sensitive 6
maker-1-augustus-gene-392.54-mRNA-1	NA	NA		0	OsR498G0102478700.01.T01	4-diphosphocytidyl-2C-methyl-D-erythritol synthase
maker-1-augustus-gene-392.60-mRNA-1	NA	NA		Os01g0886000	OsR498G0102475000.01.T01	Electron transporter
maker-1-augustus-gene-392.62-mRNA-1	NA	NA		Os03g0615700	OsR498G0613178300.01.T01	GRF zinc finger family protein, expressed
maker-1-augustus-gene-392.64-mRNA-1	NA	NA		Os01g0886500	OsR498G0102477400.01.T04	keratin, type II cytoskeletal 3
maker-1-augustus-gene-392.66-mRNA-1	NA	Indica		Os01g0886600	OsR498G0102477600.01.T01	AAA+ ATPase domain
maker-1-augustus-gene-392.72-mRNA-1	NA	NA		0	OsR498G0102479000.01.T01	Class I peptide chain release factor
maker-1-augustus-gene-392.75-mRNA-1	NA	NA		Os01g0887700	OsR498G0102480200.01.T01	PHD finger protein ALFIN-LIKE 6
maker-1-augustus-gene-393-mRNA-1	NA	NA				
maker-1-augustus-gene-393.41-mRNA-1	NA	NA		Os01g0888300	OsR498G0102483900.01.T01	NAC transcription factor
maker-1-augustus-gene-393.43-mRNA-1	NA	NA		Os01g0888600	OsR498G0102485100.01.T01	
maker-1-augustus-gene-393.46-mRNA-1	NA	NA		Os01g0889000	OsR498G0102486500.01.T01	Signal recognition particle subunit SRP72
maker-1-augustus-gene-393.52-mRNA-1	NA	NA		Os01g0888700	OsR498G0102485400.01.T01	Non-specific serine/threonine protein kinase
maker-1-augustus-gene-393.58-mRNA-1	NA	NA		Os01g0889200	OsR498G0102487400.01.T06	DNA-directed RNA polymerase III subunit rpc4-like
maker-1-augustus-gene-394-mRNA-1	NA	NA				
maker-1-augustus-gene-394.0-mRNA-1	NA	Indica	Kinase-TM	Os01g0890600	OsR498G0102489700.01.T01	Non-specific serine/threonine protein kinase (Fragment)
maker-1-augustus-gene-394.10-mRNA-1	NA	NA		Os01g0891300	OsR498G0102492500.01.T01	NADPH-dependent double-bond reductase 3 variant 1
maker-1-augustus-gene-394.17-mRNA-1	NA	NA		Os01g0889800	OsR498G0102488600.01.T02	rhodanese-like domain-containing protein 4A, chloroplastic
maker-1-augustus-gene-394.19-mRNA-1	NA	NA	Kinase-TM	Os01g0889900	OsR498G0102488800.01.T01	Receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-394.2-mRNA-1	NA	NA		0	OsR498G0102490500.01.T01	Receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-394.21-mRNA-1	NA	NA				
maker-1-augustus-gene-394.23-mRNA-1	NA	NA		Os01g0890300		DDE Tnp4 domain-containing protein
maker-1-augustus-gene-394.25-mRNA-1	NA	NA		Os01g0891000	OsR498G0102491600.01.T02	Beta-N-acetylhexosaminidase
maker-1-augustus-gene-394.3-mRNA-1	NA	Indica	Kinase-TM	Os01g0890600	OsR498G0102491100.01.T02	Receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-394.30-mRNA-1	NA	NA		Os01g0661400	OsR498G0102492800.01.T03	Ribosomal RNA-processing protein 40
maker-1-augustus-gene-394.5-mRNA-1	NA	NA		0	OsR498G0102491300.01.T03	TPR repeat-containing protein ZIP4
maker-1-augustus-gene-394.9-mRNA-1	NA	NA		Os01g0891100	OsR498G0102492100.01.T01	Endo-polygalacturonase
maker-1-augustus-gene-395.11-mRNA-1	NA	NA		Os09g0258800		Ulp1 protease family, C-terminal catalytic domain containing protein
maker-1-augustus-gene-395.13-mRNA-1	NA	NA		Os01g0893400	OsR498G0102500100.01.T01	Btbpoz and taz domain-containing protein 3
maker-1-augustus-gene-395.17-mRNA-1	NA	Indica		Os01g0892600	OsR498G0102496800.01.T01	Pectin acetyltransferase
maker-1-augustus-gene-395.22-mRNA-1	NA	Indica		Os01g0892600	OsR498G0102497400.01.T01	Pectin acetyltransferase
maker-1-augustus-gene-395.27-mRNA-1	NA	NA		Os01g0892600	OsR498G0102497600.01.T02	Pectin acetyltransferase
maker-1-augustus-gene-395.30-mRNA-1	NA	NA				Far-red impaired response-like

maker-1-augustus-gene-395.32-mRNA-1	NA	NA		0	OsR498G0102500400.01.T01	
maker-1-augustus-gene-395.34-mRNA-1	NA	NA		Os01g0893700	OsR498G0102500600.01.T01	DOMON domain-containing protein
maker-1-augustus-gene-395.7-mRNA-1	NA	NA		0	OsR498G0407890700.01.T01	
maker-1-augustus-gene-396.46-mRNA-1	NA	NA		Os01g0894000	OsR498G0102501300.01.T02	Metallophos domain-containing protein (Fragment)
maker-1-augustus-gene-396.49-mRNA-1	NA	NA		Os01g0894500	OsR498G0102502500.01.T03	Selenoprotein F
maker-1-augustus-gene-396.51-mRNA-1	NA	NA				
maker-1-augustus-gene-396.53-mRNA-1	NA	NA		Os01g0895200	OsR498G0102504300.01.T01	Putative DOMON domain, cytochrome b561/ferric reductase transmembran
maker-1-augustus-gene-396.55-mRNA-1	NA	Indica		Os01g0895300	OsR498G0102505100.01.T01	Cytochrome b561 domain-containing protein (Fragment)
maker-1-augustus-gene-396.63-mRNA-1	NA	Indica		Os01g0896300	OsR498G0102506100.01.T02	Chromatin assembly factor 1 subunit FSM
maker-1-augustus-gene-396.66-mRNA-1	NA	NA		Os01g0896800	OsR498G0102506700.01.T01	60S ribosomal protein L5-1 homolog a
maker-1-augustus-gene-396.70-mRNA-1	NA	NA		Os01g0896800	OsR498G0102506900.01.T01	60S ribosomal protein L5-1 homolog a
maker-1-augustus-gene-396.72-mRNA-1	NA	NA		Os01g0894300	OsR498G0102501800.01.T01	Putative fructokinase-2
maker-1-augustus-gene-396.77-mRNA-1	NA	NA		Os01g0894600	OsR498G0102502800.01.T04	RING-CH-type domain-containing protein
maker-1-augustus-gene-396.81-mRNA-1	NA	NA		Os01g0894700		Trigger factor
maker-1-augustus-gene-396.84-mRNA-1	NA	NA		Os01g0895100	OsR498G0102504200.01.T01	Membrane-associated protein VIPP1 chloroplastic
maker-1-augustus-gene-396.87-mRNA-1	NA	Indica		Os05g0507300	OsR498G0102505800.01.T01	Calreticulin/calnexin
maker-1-augustus-gene-396.93-mRNA-1	NA	NA		Os01g0896500	OsR498G0102506400.01.T03	Rhodanese domain-containing protein
maker-1-augustus-gene-397.32-mRNA-1	NA	NA		Os01g0897100	OsR498G0102507700.01.T02	Heat stress transcription factor B-1
maker-1-augustus-gene-397.39-mRNA-1	NA	NA		Os01g0898400	OsR498G0102513500.01.T02	
maker-1-augustus-gene-397.43-mRNA-1	NA	NA		Os01g0898500	OsR498G0102513700.01.T01	Patatin
maker-1-augustus-gene-397.46-mRNA-1	NA	NA				
maker-1-augustus-gene-397.48-mRNA-1	NA	Indica	Kinase	Os08g0512600	OsR498G0102507600.01.T01	Cell division control protein 2
maker-1-augustus-gene-397.52-mRNA-1	NA	NA		Os01g0897200	OsR498G0102508000.01.T03	Ribonuclease 2
maker-1-augustus-gene-397.56-mRNA-1	NA	Indica		Os01g0897300	OsR498G0102508400.01.T02	Ribonuclease 2
maker-1-augustus-gene-397.59-mRNA-1	NA	NA		0	OsR498G0102509600.01.T01	Formin-like protein 1
maker-1-augustus-gene-397.61-mRNA-1	NA	NA		Os01g0897800	OsR498G0102511200.01.T04	Sister chromatid cohesion 1 protein 4
maker-1-augustus-gene-397.67-mRNA-1	NA	NA		0	OsR498G0102511800.01.T01	
maker-1-augustus-gene-397.69-mRNA-1	NA	NA		Os01g0898300	OsR498G0102513000.01.T01	ARM repeat superfamily protein
maker-1-augustus-gene-397.75-mRNA-1	NA	NA		Os01g0898600	OsR498G0102514000.01.T01	
maker-1-augustus-gene-398.0-mRNA-1	NA	NA		Os01g0898800	OsR498G0102514700.01.T02	Zygote defective protein 12 (Fragment)
maker-1-augustus-gene-398.16-mRNA-1	NA	NA	Kinase-TM	Os01g0899000	OsR498G0102515200.01.T03	Tyrosine-protein kinase
maker-1-augustus-gene-398.2-mRNA-1	NA	NA		Os01g0898900	OsR498G0102514900.01.T04	Nucleotide-sugar transporter
maker-1-augustus-gene-398.20-mRNA-1	NA	NA				Methyltransferase
maker-1-augustus-gene-398.24-mRNA-1	NA	NA		Os01g0899500	OsR498G0102518200.01.T04	Pentatricopeptide repeat superfamily protein isoform 1
maker-1-augustus-gene-398.29-mRNA-1	NA	NA		Os01g0899700	OsR498G0102518400.01.T01	Extensin repeat-containing protein
maker-1-augustus-gene-398.31-mRNA-1	NA	Indica		Os01g0899800	OsR498G0102518800.01.T01	AP2-like ethylene-responsive transcription factor BBM2
maker-1-augustus-gene-398.7-mRNA-1	NA	NA		Os01g0899100	OsR498G0102515500.01.T01	
maker-1-augustus-gene-398.9-mRNA-1	NA	NA		0	OsR498G0102520500.01.T01	Sn1-specific diacylglycerol lipase alpha
maker-1-augustus-gene-399.0-mRNA-1	NA	NA		Os01g0900800	OsR498G0102525300.01.T01	Flowering BHLH 1
maker-1-augustus-gene-399.11-mRNA-1	NA	NA		0	OsR498G0102527900.01.T01	4-coumarate--CoA ligase-like 9 isoform A
maker-1-augustus-gene-399.14-mRNA-1	NA	NA		0	OsR498G0102528100.01.T01	FAD/NAD(P)-binding oxidoreductase family protein
maker-1-augustus-gene-399.20-mRNA-1	NA	NA		Os01g0900900	OsR498G0102525600.01.T02	OTU domain-containing protein isoform A
maker-1-augustus-gene-399.24-mRNA-1	NA	NA		Os01g0901000	OsR498G0102526000.01.T03	RING-type E3 ubiquitin transferase
maker-1-augustus-gene-399.28-mRNA-1	NA	NA		Os01g0901200	OsR498G0102527000.01.T01	DNA repair protein recA
maker-1-augustus-gene-399.4-mRNA-1	NA	NA		0	OsR498G0102527100.01.T02	GDP-L-galactose phosphorylase
maker-1-augustus-gene-399.9-mRNA-1	NA	NA		0	OsR498G0102527700.01.T03	4-coumarate--CoA ligase-like 9
maker-1-augustus-gene-40.26-mRNA-1	NA	NA		Os01g0177200	OsR498G0100258300.01.T01	Ubiquitin carboxyl-terminal hydrolase
maker-1-augustus-gene-400.0-mRNA-1	NA	NA		Os01g0902200	OsR498G0102529300.01.T01	Thimet oligopeptidase
maker-1-augustus-gene-400.1-mRNA-1	NA	NA		Os01g0902200	OsR498G0102529300.01.T04	Thimet oligopeptidase
maker-1-augustus-gene-400.12-mRNA-1	NA	Indica		Os01g0902800	OsR498G0102530100.01.T01	Peptide transporter 1
maker-1-augustus-gene-400.14-mRNA-1	NA	NA		Os01g0902800	OsR498G0102530300.01.T01	Peptide transporter
maker-1-augustus-gene-400.18-mRNA-1	NA	Indica		Os01g0904300	OsR498G0102533100.01.T01	DUF971 domain-containing protein (Fragment)
maker-1-augustus-gene-400.23-mRNA-1	NA	NA		Os01g0901800	OsR498G0102528400.01.T02	Putative membrane protein YuiD
maker-1-augustus-gene-400.27-mRNA-1	NA	Indica		Os01g0901900	OsR498G0102528600.01.T01	Protein PLASTID TRANSCRIPTIONALLY ACTIVE 10 like
maker-1-augustus-gene-400.33-mRNA-1	NA	NA		0	OsR498G0102529000.01.T01	Multidrug resistance-associated protein/mitoxantrone resistance protein, A
maker-1-augustus-gene-400.39-mRNA-1	NA	NA		Os01g0902300	OsR498G0102529600.01.T01	Esterase, putative, expressed
maker-1-augustus-gene-400.41-mRNA-1	NA	NA		0	OsR498G0102532800.01.T01	
maker-1-augustus-gene-400.43-mRNA-1	NA	NA		Os01g0904200	OsR498G0102533000.01.T06	Putative serine/threonine-protein kinase abkB
maker-1-augustus-gene-400.52-mRNA-1	NA	NA		Os01g0904500	OsR498G0102533800.01.T02	Peptidyl serine alpha-galactosyltransferase
maker-1-augustus-gene-401.11-mRNA-1	NA	NA		Os01g0627800	OsR498G0101582300.01.T01	Secologanin synthase
maker-1-augustus-gene-401.13-mRNA-1	NA	NA		Os01g0627400	OsR498G0101580700.01.T01	Secologanin synthase

maker-1-augustus-gene-401.15-mRNA-1	NA	NA		Os01g0626400	OsR498G0101577900.01.T01	WRKY transcription factor
maker-1-augustus-gene-401.17-mRNA-1	NA	NA		0	OsR498G0101577500.01.T01	
maker-1-augustus-gene-401.4-mRNA-1	NA	NA		Os01g0627500	OsR498G0101581000.01.T01	Secologanin synthase
maker-1-augustus-gene-401.7-mRNA-1	NA	Indica		Os01g0904700	OsR498G0102534400.01.T01	Two-component response regulator ORR26
maker-1-augustus-gene-402.0-mRNA-1	NA	NA		0	OsR498G0101577200.01.T02	
maker-1-augustus-gene-402.11-mRNA-1	NA	NA		Os01g0625300	OsR498G0101575700.01.T01	Heat shock transcription factor
maker-1-augustus-gene-402.13-mRNA-1	NA	NA		0	OsR498G0101575300.01.T01	Kinesin-like protein KIN-13B
maker-1-augustus-gene-402.20-mRNA-1	NA	NA		Os01g0624500	OsR498G0101574500.01.T01	Suppressor of the G2
maker-1-augustus-gene-402.24-mRNA-1	NA	NA		Os01g0624400	OsR498G0101574300.01.T02	Late embryogenesis abundant
maker-1-augustus-gene-402.27-mRNA-1	NA	NA		Os01g0623500	OsR498G0101571300.01.T01	ATPase family AAA domain-containing protein 1-A
maker-1-augustus-gene-402.9-mRNA-1	NA	Indica		Os01g0891100	OsR498G0101571600.01.T01	Endo-polygalacturonase
maker-1-augustus-gene-403.0-mRNA-1	NA	Indica		Os01g0623200	OsR498G0101568400.01.T03	S-type anion channel SLAH3
maker-1-augustus-gene-403.10-mRNA-1	NA	NA		0	OsR498G0101565200.01.T03	Glycosyl transferase family 1 protein isoform 1
maker-1-augustus-gene-403.15-mRNA-1	NA	Indica		Os05g0585500	OsR498G0101565900.01.T01	Calcium-dependent protein kinase 1 isoform A
maker-1-augustus-gene-403.23-mRNA-1	NA	NA		Os01g0621700	OsR498G0101563100.01.T01	TH1 domain-containing protein (Fragment)
maker-1-augustus-gene-403.3-mRNA-1	NA	NA		Os01g0622700	OsR498G0101566200.01.T01	Probable protein ABIL1
maker-1-augustus-gene-403.8-mRNA-1	NA	NA		Os01g0622300	OsR498G0101565600.01.T03	Uroporphyrinogen decarboxylase like
maker-1-augustus-gene-404.31-mRNA-1	NA	NA	Kinase-TM	Os01g0621600	OsR498G0101562800.01.T02	Serine/threonine-protein kinase MARK2
maker-1-augustus-gene-404.33-mRNA-1	NA	NA		0	OsR498G0101562000.01.T03	Extra-large G-protein-like
maker-1-augustus-gene-404.36-mRNA-1	NA	Indica		Os01g0621200	OsR498G0101561600.01.T01	probable GABA transporter 2
maker-1-augustus-gene-404.39-mRNA-1	NA	NA		Os01g0620100	OsR498G0101558200.01.T01	Nucleoporin SEH1
maker-1-augustus-gene-404.45-mRNA-1	NA	Indica		Os01g0619800	OsR498G0101557500.01.T02	Chitinase domain-containing protein 1
maker-1-augustus-gene-405.29-mRNA-1	NA	NA		0	OsR498G0101555600.01.T01	MYB-like transcription factor ETC3
maker-1-augustus-gene-405.31-mRNA-1	NA	Indica		Os01g0619000	OsR498G0101555000.01.T01	Polypyrimidine tract-binding
maker-1-augustus-gene-405.35-mRNA-1	NA	NA		0	OsR498G0101554200.01.T03	ATP-dependent metalloprotease
maker-1-augustus-gene-405.42-mRNA-1	NA	Indica		Os01g0618900	OsR498G0101554700.01.T01	Pectin lyase-like superfamily protein (Fragment)
maker-1-augustus-gene-405.46-mRNA-1	NA	NA		0	OsR498G0101553700.01.T01	Regulatory component of ABA receptor 1
maker-1-augustus-gene-405.50-mRNA-1	NA	NA		Os01g0618500	OsR498G0101553100.01.T01	DEAD-box ATP-dependent RNA helicase
maker-1-augustus-gene-405.53-mRNA-1	NA	NA		Os01g0618400	OsR498G0101552900.01.T01	DEAD-box ATP-dependent RNA helicase
maker-1-augustus-gene-406.0-mRNA-1	NA	NA		Os01g0618300	OsR498G0101552600.01.T01	
maker-1-augustus-gene-406.11-mRNA-1	NA	NA		Os01g0617600	OsR498G0101550000.01.T03	PORR domain-containing protein (Fragment)
maker-1-augustus-gene-406.12-mRNA-1	NA	NA		Os01g0617500	OsR498G0101549200.01.T01	N-alpha-acetyltransferase 16, NatA auxiliary subunit
maker-1-augustus-gene-406.19-mRNA-1	NA	Indica		Os05g0573300	OsR498G0101547800.01.T01	CTP synthase
maker-1-augustus-gene-406.2-mRNA-1	NA	NA		Os01g0618100	OsR498G0101551600.01.T02	Auxin-induced protein PCNT115
maker-1-augustus-gene-406.25-mRNA-1	NA	Indica		Os01g0618200	OsR498G0101551700.01.T02	Protein-serine/threonine phosphatase
maker-1-augustus-gene-406.27-mRNA-1	NA	NA		Os01g0617900	OsR498G0101550900.01.T01	PsbP domain-containing protein 5 chloroplastic
maker-1-augustus-gene-406.30-mRNA-1	NA	NA		Os01g0617700	OsR498G0101550500.01.T04	
maker-1-augustus-gene-406.7-mRNA-1	NA	NA		Os01g0617800	OsR498G0101550800.01.T01	Unconventional prefoldin RPB5 interactor 1
maker-1-augustus-gene-407.29-mRNA-1	NA	NA		Os01g0616400	OsR498G0101546400.01.T02	Zinc finger CCH domain-containing protein 8
maker-1-augustus-gene-407.33-mRNA-1	NA	NA		Os01g0615300	OsR498G0101541200.01.T01	10-deacetylbaccatin III-10-O-acetyl transferase
maker-1-augustus-gene-407.35-mRNA-1	NA	NA		Os01g0615200	OsR498G0101541000.01.T02	10-deacetylbaccatin III-10-O-acetyl transferase
maker-1-augustus-gene-407.37-mRNA-1	NA	NA				Berberine bridge enzyme-like protein 13
maker-1-augustus-gene-407.39-mRNA-1	NA	NA		Os01g0616500	OsR498G0101546500.01.T01	39S ribosomal protein L22, mitochondrial-like
maker-1-augustus-gene-407.42-mRNA-1	NA	Indica		Os05g0587300	OsR498G0101545900.01.T02	TPR repeat-containing thioredoxin TTL1
maker-1-augustus-gene-407.46-mRNA-1	NA	Indica		Os01g0616100	OsR498G0101542500.01.T07	Kinase family with ARM repeat domain-containing protein
maker-1-augustus-gene-408.0-mRNA-1	NA	NA		Os01g0614900	OsR498G0101539800.01.T03	Ubiquitin-like modifier-activating enzyme ATG7
maker-1-augustus-gene-408.10-mRNA-1	NA	NA		Os01g0613800	OsR498G0101536800.01.T01	Senescence-specific cysteine protease SAG39
maker-1-augustus-gene-408.12-mRNA-1	NA	NA		Os01g0613500	OsR498G0101536000.01.T01	Cysteine proteinase-like
maker-1-augustus-gene-408.14-mRNA-1	NA	Indica		Os01g0614700	OsR498G0101539500.01.T01	Adaptin ear-binding coat-associated protein 1
maker-1-augustus-gene-408.19-mRNA-1	NA	NA		Os01g0614300	OsR498G0101538300.01.T01	Protein trichome birefringence
maker-1-augustus-gene-408.21-mRNA-1	NA	NA		Os01g0613300	OsR498G0101535700.01.T01	Lipoprotein lpqB (Fragment)
maker-1-augustus-gene-408.24-mRNA-1	NA	NA		0	OsR498G0101533500.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-408.27-mRNA-1	NA	NA		Os01g0612800	OsR498G0101532900.01.T03	Plastid transcriptionally active protein
maker-1-augustus-gene-408.3-mRNA-1	NA	NA		Os01g0613900	OsR498G0101537000.01.T02	Maternal effect embryo arrest 18
maker-1-augustus-gene-409.25-mRNA-1	NA	NA		0	OsR498G0101527000.01.T08	DNA methyl transferase4
maker-1-augustus-gene-409.31-mRNA-1	NA	Indica		Os01g0612700	OsR498G0101532700.01.T03	zf-LSD1 domain-containing protein
maker-1-augustus-gene-409.35-mRNA-1	NA	Indica		Os01g0612500	OsR498G0101530100.01.T01	Acyl-protein thioesterase 2
maker-1-augustus-gene-409.39-mRNA-1	NA	NA		Os01g0612200	OsR498G0101528100.01.T01	Cytochrome c oxidase polypeptide Vb
maker-1-augustus-gene-409.43-mRNA-1	NA	Japonica		Os01g0612100	OsR498G0306062000.01.T02	Small subunit ribosomal protein (Fragment)
maker-1-augustus-gene-409.45-mRNA-1	NA	Indica		Os07g0218200	OsR498G0101526300.01.T01	(S)-beta-bisabolene synthase
maker-1-augustus-gene-410.0-mRNA-1	NA	NA		Os01g0610800	OsR498G0101521400.01.T01	Papilin-like protein isoform X1

maker-1-augustus-gene-410.12-mRNA-1	NA	NA		Os01g0610500	OsR498G0101520600.01.T01	Yip1 domain-containing protein
maker-1-augustus-gene-410.15-mRNA-1	NA	NA		Os01g0609900	OsR498G0101517800.01.T02	Pleiotropic drug resistance protein 4
maker-1-augustus-gene-410.19-mRNA-1	NA	NA				GTP-binding nuclear protein Ran-1
maker-1-augustus-gene-410.22-mRNA-1	NA	NA		Os01g0611000	OsR498G0101522300.01.T01	GTP-binding nuclear protein Ran-3
maker-1-augustus-gene-410.24-mRNA-1	NA	Indica		Os01g0610400	OsR498G0101520100.01.T02	N-alpha-acetyltransferase 50
maker-1-augustus-gene-410.26-mRNA-1	NA	NA		Os01g0610300	OsR498G0101519900.01.T03	BAH domain-containing protein
maker-1-augustus-gene-410.3-mRNA-1	NA	NA		Os01g0610700	OsR498G0101521200.01.T01	RING-CH-type domain-containing protein (Fragment)
maker-1-augustus-gene-410.32-mRNA-1	NA	NA		Os01g0610100	OsR498G0101518900.01.T01	ATPase, F0/V0 complex, subunit C protein
maker-1-augustus-gene-410.6-mRNA-1	NA	NA		Os01g0610600	OsR498G0101521000.01.T03	Carbon catabolite repressor protein 4 like 6
maker-1-augustus-gene-411.19-mRNA-1	NA	NA		Os01g0609300	OsR498G0101515200.01.T01	pleiotropic drug resistance protein 1-like
maker-1-augustus-gene-411.23-mRNA-1	NA	Indica		Os01g0609066	OsR498G0101514400.01.T01	Pleiotropic drug resistance protein 3
maker-1-augustus-gene-411.24-mRNA-1	NA	NA		Os01g0609200	OsR498G0101514400.01.T01	ABC transporter domain-containing protein
maker-1-augustus-gene-411.28-mRNA-1	NA	NA		Os01g0609066	OsR498G0101514000.01.T02	ABC transporter G family member 34
maker-1-augustus-gene-411.31-mRNA-1	NA	NA	CC-NBS-TM	0	OsR498G1120729200.01.T01	AAA domain-containing protein
maker-1-augustus-gene-411.34-mRNA-1	NA	NA		0	OsR498G0101509900.01.T01	RING-H2 finger protein ATL5A
maker-1-augustus-gene-412.15-mRNA-1	NA	NA		Os01g0608366		Peptidase A1 domain-containing protein (Fragment)
maker-1-augustus-gene-412.22-mRNA-1	NA	NA		Os01g0607200	OsR498G0101503700.01.T01	Amino-acid permease BAT1 like
maker-1-augustus-gene-412.23-mRNA-1	NA	NA		Os01g0607200	OsR498G0101503300.01.T01	Amino-acid permease BAT1
maker-1-augustus-gene-412.3-mRNA-1	NA	NA				Transcriptional corepressor LEUNIG
maker-1-augustus-gene-412.34-mRNA-1	NA	NA		Os01g0606900	OsR498G0101502300.01.T01	J domain-containing protein
maker-1-augustus-gene-412.6-mRNA-1	NA	NA		Os01g0607400	OsR498G0101504200.01.T03	Transcriptional corepressor LEUNIG
maker-1-augustus-gene-413.46-mRNA-1	NA	NA		Os01g0606200		
maker-1-augustus-gene-413.48-mRNA-1	NA	NA		Os01g0605850		
maker-1-augustus-gene-413.50-mRNA-1	NA	Japonica		Os01g0605500	OsR498G0101498200.01.T01	Kinesin-like protein KIN-8A
maker-1-augustus-gene-413.53-mRNA-1	NA	NA		Os01g0605200	OsR498G0101497400.01.T04	DNL-type domain-containing protein (Fragment)
maker-1-augustus-gene-413.56-mRNA-1	NA	NA		Os01g0604700	OsR498G0101495000.01.T01	Transmembrane protein 33
maker-1-augustus-gene-413.60-mRNA-1	NA	NA		Os01g0606000	OsR498G0101499300.01.T01	Bidirectional sugar transporter SWEET
maker-1-augustus-gene-413.62-mRNA-1	NA	NA		Os01g0605700	OsR498G0101498500.01.T01	Bidirectional sugar transporter SWEET
maker-1-augustus-gene-413.67-mRNA-1	NA	NA		Os01g0605400	OsR498G0101497900.01.T02	Protein GAMETE EXPRESSED 3
maker-1-augustus-gene-413.69-mRNA-1	NA	NA		Os01g0605300	OsR498G0101497900.01.T01	UBC core domain-containing protein (Fragment)
maker-1-augustus-gene-413.71-mRNA-1	NA	Indica		Os01g0605100	OsR498G0101497700.01.T02	Adenosinetriphosphatase
maker-1-augustus-gene-414.34-mRNA-1	NA	NA				
maker-1-augustus-gene-414.36-mRNA-1	NA	NA		Os01g0603000	OsR498G0101486800.01.T01	RGG repeats nuclear RNA binding protein A
maker-1-augustus-gene-414.41-mRNA-1	NA	Japonica		Os01g0604100	OsR498G0100035900.01.T05	Usp domain-containing protein
maker-1-augustus-gene-414.43-mRNA-1	NA	NA		Os01g0603300	OsR498G0101487900.01.T01	Transcription factor MYB53
maker-1-augustus-gene-414.45-mRNA-1	NA	NA	NBS-TM	0	OsR498G0101487100.01.T01	Mitochondrial import inner membrane translocase subunit
maker-1-augustus-gene-414.47-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0101485500.01.T05	Kinase protein with adenine nucleotide alpha hydrolases-like domain isoform
maker-1-augustus-gene-415.23-mRNA-1	NA	Indica		Os11g0566800	OsR498G0101483200.01.T01	Chalcone synthase F
maker-1-augustus-gene-415.40-mRNA-1	NA	Japonica		Os01g0602400	OsR498G0101582500.01.T01	Secologanin synthase
maker-1-augustus-gene-415.44-mRNA-1	NA	Japonica		Os01g0602200	OsR498G0101482200.01.T03	Secologanin synthase
maker-1-augustus-gene-415.56-mRNA-1	NA	Indica	Kinase-TM	Os01g0601200	OsR498G0101477700.01.T01	Putative serine/threonine-protein kinase
maker-1-augustus-gene-416.0-mRNA-1	NA	Indica		Os02g0226200	OsR498G0101475400.01.T01	Pyridoxal phosphate phosphatase-related protein
maker-1-augustus-gene-416.11-mRNA-1	NA	Indica		Os01g0600300	OsR498G0101474700.01.T01	
maker-1-augustus-gene-416.15-mRNA-1	NA	Indica		Os02g0224200	OsR498G0101474500.01.T01	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B
maker-1-augustus-gene-416.2-mRNA-1	NA	NA		Os01g0600000	OsR498G0101474200.01.T03	Hydrogen-transporting ATP synthase, rotational mechanism
maker-1-augustus-gene-416.20-mRNA-1	NA	Japonica		Os01g0599900	OsR498G0101473900.01.T01	SUN domain-containing protein (Fragment)
maker-1-augustus-gene-416.26-mRNA-1	NA	NA		Os01g0598200	OsR498G0101471100.01.T02	Calcineurin B-like protein 5 variant
maker-1-augustus-gene-416.6-mRNA-1	NA	NA		Os01g0598900	OsR498G0101473200.01.T03	Cytoplasmic tRNA 2-thiolation protein 1
maker-1-augustus-gene-417.38-mRNA-1	NA	Indica		Os01g0597800	OsR498G0101469500.01.T01	Glycosyltransferase
maker-1-augustus-gene-417.40-mRNA-1	NA	NA		Os01g0597600	OsR498G0101469100.01.T01	Amino acid transporter, transmembrane
maker-1-augustus-gene-417.41-mRNA-1	NA	Japonica		Os01g0597400	OsR498G0101468700.01.T01	Amino acid/polyamine transporter II
maker-1-augustus-gene-417.43-mRNA-1	NA	NA		Os01g0596700	OsR498G0101466500.01.T01	FBD domain-containing protein
maker-1-augustus-gene-417.45-mRNA-1	NA	NA				FBD domain-containing protein
maker-1-augustus-gene-418.10-mRNA-1	NA	Japonica		Os01g0596000	OsR498G0101462900.01.T01	FBD domain-containing protein
maker-1-augustus-gene-418.12-mRNA-1	NA	NA		Os01g0595900	OsR498G0101462700.01.T01	FBD domain-containing protein (Fragment)
maker-1-augustus-gene-418.14-mRNA-1	NA	NA		Os01g0595800	OsR498G0101462500.01.T01	FBD domain-containing protein
maker-1-augustus-gene-418.16-mRNA-1	NA	Japonica		Os01g0595700	OsR498G0101462300.01.T01	Ribosomal RNA apurinic site specific lyase
maker-1-augustus-gene-418.19-mRNA-1	NA	Japonica		Os01g0595600	OsR498G0101462100.01.T01	Strigolactone esterase
maker-1-augustus-gene-418.2-mRNA-1	NA	NA		Os01g0594700		DAO domain-containing protein
maker-1-augustus-gene-418.22-mRNA-1	NA	Indica		Os01g0719600	OsR498G0101460100.01.T01	HMA domain-containing protein (Fragment)
maker-1-augustus-gene-418.25-mRNA-1	NA	NA		0	OsR498G0101459700.01.T03	CASC3/Barentsz eIF4AIII binding

maker-1-augustus-gene-418.4-mRNA-1	NA	NA		Os01g0594500	OsR498G0101457800.01.T01	
maker-1-augustus-gene-418.6-mRNA-1	NA	NA		Os01g0596300	OsR498G0101463900.01.T01	FBD domain-containing protein
maker-1-augustus-gene-418.8-mRNA-1	NA	NA		Os01g0596100	OsR498G0101463300.01.T01	Ribosomal RNA apurinic site specific lyase-like
maker-1-augustus-gene-419.25-mRNA-1	NA	NA		0	OsR498G0101756500.01.T01	Putative Pyridoxal phosphate (PLP)-dependent transferases superfamily pro
maker-1-augustus-gene-419.30-mRNA-1	NA	NA		Os01g0840700	OsR498G0102306200.01.T01	60S ribosomal protein L36
maker-1-augustus-gene-419.33-mRNA-1	NA	NA				Homeobox domain-containing protein
maker-1-augustus-gene-42.13-mRNA-1	NA	Indica		Os01g0180300	OsR498G0100271400.01.T01	MAR-binding filament-like protein 1
maker-1-augustus-gene-42.17-mRNA-1	NA	NA		0	OsR498G0100271800.01.T03	FLZ-type domain-containing protein (Fragment)
maker-1-augustus-gene-420.36-mRNA-1	NA	NA		0	OsR498G0102307700.01.T02	ENTH domain-containing protein
maker-1-augustus-gene-420.40-mRNA-1	NA	NA		Os01g0841500	OsR498G0102309500.01.T01	Transcriptional activator Myb
maker-1-augustus-gene-420.43-mRNA-1	NA	NA		Os01g0841600	OsR498G0102309700.01.T01	Triose phosphate isomerase5
maker-1-augustus-gene-420.51-mRNA-1	NA	NA		Os01g0841200	OsR498G0102308400.01.T02	O-fucosyltransferase family protein (Fragment)
maker-1-augustus-gene-420.56-mRNA-1	NA	Indica		Os01g0841800	OsR498G0102310200.01.T01	RNB domain-containing protein
maker-1-augustus-gene-420.63-mRNA-1	NA	NA		Os01g0842400	OsR498G0102312600.01.T01	Laccase
maker-1-augustus-gene-420.65-mRNA-1	NA	NA		Os01g0842500	OsR498G0102313000.01.T01	Laccase
maker-1-augustus-gene-420.70-mRNA-1	NA	NA		Os01g0842600	OsR498G0102313400.01.T01	Mitochondrial FTSH metalloprotease
maker-1-augustus-gene-421.38-mRNA-1	NA	Indica		Os03g0810600	OsR498G0102315900.01.T01	Mitochondrial Rho GTPase
maker-1-augustus-gene-421.43-mRNA-1	NA	Indica		Os01g0844050	OsR498G0102317300.01.T01	Laccase
maker-1-augustus-gene-421.46-mRNA-1	NA	NA		Os01g0844300	OsR498G0102318300.01.T05	Peptidylprolyl isomerase
maker-1-augustus-gene-421.49-mRNA-1	NA	NA		Os01g0844800	OsR498G0102321100.01.T02	PUM-HD domain-containing protein
maker-1-augustus-gene-421.55-mRNA-1	NA	NA		0	OsR498G0102313600.01.T01	WRKY transcription factor
maker-1-augustus-gene-421.58-mRNA-1	NA	NA		0	OsR498G0102315400.01.T01	
maker-1-augustus-gene-421.59-mRNA-1	NA	NA		Os01g0844400	OsR498G0102318600.01.T04	S-acyltransferase
maker-1-augustus-gene-422.40-mRNA-1	NA	NA		Os12g0539800	OsR498G1221780600.01.T01	
maker-1-augustus-gene-422.43-mRNA-1	NA	NA		Os01g0846300	OsR498G0102325500.01.T01	Protein-serine/threonine phosphatase
maker-1-augustus-gene-422.46-mRNA-1	NA	NA				Putative polynucleotide adenyllyltransferase
maker-1-augustus-gene-422.52-mRNA-1	NA	NA		Os01g0846500	OsR498G0102326300.01.T04	PAP/25A-associated
maker-1-augustus-gene-422.62-mRNA-1	NA	Indica		Os03g0855700	OsR498G0102324800.01.T02	DUF223 domain-containing protein
maker-1-augustus-gene-422.66-mRNA-1	NA	Indica		Os01g0630700	OsR498G1221780100.01.T02	Putative transcription factor DP, helitron helicase-like domain-containing pr
maker-1-augustus-gene-422.70-mRNA-1	NA	NA		0	OsR498G1221780100.01.T05	
maker-1-augustus-gene-422.72-mRNA-1	NA	NA		Os01g0846600	OsR498G0102327000.01.T02	Methyltransferase
maker-1-augustus-gene-422.75-mRNA-1	NA	NA		Os01g0846900	OsR498G0102328000.01.T03	Transcription initiation factor TFIID
maker-1-augustus-gene-423.0-mRNA-1	NA	NA		Os01g0847200	OsR498G0102328500.01.T02	Mannose-1-phosphate guanylyltransferase 1
maker-1-augustus-gene-423.10-mRNA-1	NA	Indica		Os05g0456300	OsR498G0102329700.01.T02	Aldo-keto reductase family 4 member C9
maker-1-augustus-gene-423.14-mRNA-1	NA	NA		Os01g0848200	OsR498G0102331100.01.T02	Delta-1-pyrroline-5-carboxylate synthase
maker-1-augustus-gene-423.21-mRNA-1	NA	NA		Os01g0847300	OsR498G0102328800.01.T01	
maker-1-augustus-gene-423.23-mRNA-1	NA	NA		Os01g0847900	OsR498G0102330000.01.T02	
maker-1-augustus-gene-423.25-mRNA-1	NA	NA		Os01g0848400	OsR498G0102332000.01.T01	BEL1-like homeodomain protein 8
maker-1-augustus-gene-423.29-mRNA-1	NA	NA		Os01g0848700	OsR498G0102333600.01.T01	Ras-related protein like
maker-1-augustus-gene-423.3-mRNA-1	NA	Indica		Os01g0847700	OsR498G0102329100.01.T03	Ald-keto reductase family 4 member C-10 like
maker-1-augustus-gene-423.6-mRNA-1	NA	NA		Os01g0847700	OsR498G0102329500.01.T01	Ald-keto reductase family 4 member C-10 like
maker-1-augustus-gene-424.0-mRNA-1	NA	Indica		Os01g0848900	OsR498G0102334700.01.T01	Hypothetcal protein
maker-1-augustus-gene-424.15-mRNA-1	NA	Indica		Os12g0259800	OsR498G0102339900.01.T01	Laccase
maker-1-augustus-gene-424.18-mRNA-1	NA	NA		Os01g0850700	OsR498G0102340300.01.T01	Laccase
maker-1-augustus-gene-424.20-mRNA-1	NA	NA		Os01g0849100	OsR498G0102335200.01.T01	PRONE domain-containing protein (Fragment)
maker-1-augustus-gene-424.22-mRNA-1	NA	NA		Os01g0849600	OsR498G0102335800.01.T01	Usp domain-containing protein
maker-1-augustus-gene-424.24-mRNA-1	NA	NA		Os01g0850400	OsR498G0102339600.01.T01	Myb-like protein B
maker-1-augustus-gene-424.5-mRNA-1	NA	NA		Os01g0850000	OsR498G0102338100.01.T02	
maker-1-augustus-gene-424.8-mRNA-1	NA	NA		Os01g0850100	OsR498G0102338900.01.T06	Sphingomyelin synthase-like domain containing protein
maker-1-augustus-gene-425.0-mRNA-1	NA	NA		Os01g0850800	OsR498G0102340700.01.T01	Laccase
maker-1-augustus-gene-425.11-mRNA-1	NA	NA		Os01g0851400	OsR498G0102343400.01.T01	Ubiquitinyl hydrolase 1
maker-1-augustus-gene-425.13-mRNA-1	NA	NA		Os01g0851700	OsR498G0102345000.01.T01	Alpha-1,4 glucan phosphorylase
maker-1-augustus-gene-425.19-mRNA-1	NA	Indica	Kinase-TM	Os03g0825800	OsR498G0102345600.01.T02	Serine/threonine protein kinase
maker-1-augustus-gene-425.2-mRNA-1	NA	NA		Os01g0851000	OsR498G0102341500.01.T03	Fructokinase-like protein 1, chloroplastic
maker-1-augustus-gene-425.23-mRNA-1	NA	Indica		Os01g0852200	OsR498G0102346000.01.T01	Anion transporter 4 like
maker-1-augustus-gene-425.4-mRNA-1	NA	NA		0	OsR498G0102341800.01.T01	O-fucosyltransferase family protein (Fragment)
maker-1-augustus-gene-425.8-mRNA-1	NA	NA		Os01g0851300	OsR498G0102343200.01.T02	Reticulon domain-containing protein
maker-1-augustus-gene-426.38-mRNA-1	NA	NA		Os01g0853400	OsR498G0102350700.01.T02	Coronatine-insensitive protein homolog 1b
maker-1-augustus-gene-426.42-mRNA-1	NA	NA		Os01g0854400	OsR498G0102355900.01.T01	
maker-1-augustus-gene-426.43-mRNA-1	NA	Indica		Os01g0852500	OsR498G0102348400.01.T03	ELM2 domain-containing protein
maker-1-augustus-gene-426.46-mRNA-1	NA	NA		Os01g0853000	OsR498G0102349200.01.T01	Putative pentatricopeptide repeat-containing protein

maker-1-augustus-gene-426.48-mRNA-1	NA	NA		Os01g0853700	OsR498G0102352200.01.T01	Transcription factor DIVARICATA
maker-1-augustus-gene-426.50-mRNA-1	NA	NA		Os01g0854500	OsR498G0102356600.01.T01	Homeobox domain containing protein, expressed
maker-1-augustus-gene-427.24-mRNA-1	NA	NA		Os01g0855200	OsR498G0102360100.01.T01	Tetratricopeptide repeat (TPR)-like superfamily protein
maker-1-augustus-gene-427.26-mRNA-1	NA	NA		Os01g0855400	OsR498G0102361100.01.T01	Myb proto-oncogene protein-like
maker-1-augustus-gene-427.28-mRNA-1	NA	NA		Os01g0856000	OsR498G0102362900.01.T03	Cell division control protein 6 homolog B
maker-1-augustus-gene-427.31-mRNA-1	NA	NA		Os01g0855000	OsR498G0102357800.01.T01	Glycerol-3-phosphate 2-O-acyltransferase 6
maker-1-augustus-gene-428.27-mRNA-1	NA	NA		Os01g0856500	OsR498G0102366700.01.T01	Auxin transporter-like protein 4 isoform A
maker-1-augustus-gene-428.32-mRNA-1	NA	NA		Os01g0856900	OsR498G0102367900.01.T01	Alpha-amylase
maker-1-augustus-gene-428.34-mRNA-1	NA	NA		0	OsR498G0102369300.01.T02	Nucleobase-ascorbate transporter like
maker-1-augustus-gene-428.40-mRNA-1	NA	NA		0	OsR498G0102367000.01.T02	Nuclear pore complex protein NUP62
maker-1-augustus-gene-428.46-mRNA-1	NA	NA		Os01g0857000	OsR498G0102368200.01.T03	Protein-serine/threonine phosphatase
maker-1-augustus-gene-428.51-mRNA-1	NA	NA		Os01g0857200	OsR498G0102368400.01.T02	Alkyl transferase
maker-1-augustus-gene-428.53-mRNA-1	NA	NA		0	OsR498G0102368600.01.T01	probable 3-deoxy-D-manno-octulosonic acid transferase, mitochondrial
maker-1-augustus-gene-428.59-mRNA-1	NA	NA		Os01g0857400	OsR498G0102368800.01.T01	GABA transporter 1
maker-1-augustus-gene-428.62-mRNA-1	NA	Indica		Os01g0857600	OsR498G0102369600.01.T01	
maker-1-augustus-gene-429.0-mRNA-1	NA	NA		0	OsR498G0203524100.01.T01	DNA excision repair protein like
maker-1-augustus-gene-429.11-mRNA-1	NA	NA		Os01g0859200	OsR498G0102374900.01.T05	AB hydrolase-1 domain-containing protein
maker-1-augustus-gene-429.14-mRNA-1	NA	Indica		Os01g0859300	OsR498G0102377300.01.T01	Abscisic acid insensitive 5 homologue
maker-1-augustus-gene-429.16-mRNA-1	NA	NA		Os01g0859400	OsR498G0102377500.01.T01	Dual specificity protein phosphatase Diacylglycerol kinase catalytic region
maker-1-augustus-gene-429.19-mRNA-1	NA	NA		Os01g0858000	OsR498G0102370200.01.T01	AT hook motif-containing protein-like
maker-1-augustus-gene-429.35-mRNA-1	NA	NA		Os01g0859100		Zinc finger protein WIP5
maker-1-augustus-gene-429.9-mRNA-1	NA	NA		Os01g0858700	OsR498G0102372900.01.T01	Nuclear transcription factor Y subunit alpha like
maker-1-augustus-gene-43.15-mRNA-1	NA	NA				Ubiquitin-like domain-containing protein
maker-1-augustus-gene-43.17-mRNA-1	NA	NA		Os11g0307600	OsR498G1119899800.01.T01	Protein kinase domain-containing protein
maker-1-augustus-gene-43.8-mRNA-1	NA	NA		Os04g0354200		MULE domain-containing protein (Fragment)
maker-1-augustus-gene-430.52-mRNA-1	NA	NA		Os01g0860400	OsR498G0102379300.01.T01	Acidic endochitinase
maker-1-augustus-gene-430.57-mRNA-1	NA	NA		Os01g0861400	OsR498G0100480900.01.T01	
maker-1-augustus-gene-430.59-mRNA-1	NA	NA		Os01g0861700	OsR498G0102383100.01.T01	Hemerythrin domain-containing protein (Fragment)
maker-1-augustus-gene-430.62-mRNA-1	NA	NA		Os01g0862200	OsR498G0102383900.01.T01	Myb domain protein 3r-3
maker-1-augustus-gene-430.75-mRNA-1	NA	NA		Os01g0861900	OsR498G0102383600.01.T01	Transposon protein Mutator sub-class
maker-1-augustus-gene-430.77-mRNA-1	NA	Indica		Os01g0862000	OsR498G0102383800.01.T04	AB hydrolase-1 domain-containing protein (Fragment)
maker-1-augustus-gene-431.0-mRNA-1	NA	NA		Os01g0862800	OsR498G0102385500.01.T01	NAC domain-containing protein 90
maker-1-augustus-gene-431.12-mRNA-1	NA	NA		Os01g0863400	OsR498G0102388200.01.T01	
maker-1-augustus-gene-431.2-mRNA-1	NA	NA		0	OsR498G0102386100.01.T01	
maker-1-augustus-gene-431.3-mRNA-1	NA	Indica		Os05g0442400	OsR498G0102387900.01.T01	Transcription factor DIVARICATA
maker-1-augustus-gene-431.6-mRNA-1	NA	NA		Os01g0862300	OsR498G0102384200.01.T01	Sorting nexin-1
maker-1-augustus-gene-432.0-mRNA-1	NA	NA		Os01g0865600	OsR498G0102396300.01.T01	Transcription factor LHW like
maker-1-augustus-gene-432.12-mRNA-1	NA	NA		Os01g0865100	OsR498G0102395000.01.T01	Uricase
maker-1-augustus-gene-432.5-mRNA-1	NA	Indica		Os01g0864000	OsR498G0102390000.01.T01	Transcription repressor
maker-1-augustus-gene-432.6-mRNA-1	NA	NA	Kinase	0	OsR498G0102391800.01.T03	Serine/threonine-protein kinase Nek5
maker-1-augustus-gene-433.0-mRNA-1	NA	Indica		Os05g0438800	OsR498G0102400100.01.T02	Actin-7
maker-1-augustus-gene-433.12-mRNA-1	NA	NA		Os01g0866800	OsR498G0102403100.01.T05	Tubby-like F-box protein 14
maker-1-augustus-gene-433.18-mRNA-1	NA	Indica		Os07g0675400	OsR498G0102403500.01.T04	Tyrosyl-tRNA synthetase
maker-1-augustus-gene-433.2-mRNA-1	NA	NA		Os01g0866300	OsR498G0102400700.01.T04	SNARE protein YKT6, synaptobrevin/VAMP syperfamily
maker-1-augustus-gene-433.21-mRNA-1	NA	NA		Os01g0867200	OsR498G0102403700.01.T03	Putative wd repeat-containing protein-like
maker-1-augustus-gene-433.26-mRNA-1	NA	NA		Os01g0867600	OsR498G0102404900.01.T01	Sterol 3-beta-glucosyltransferase
maker-1-augustus-gene-433.33-mRNA-1	NA	NA		Os01g0867700	OsR498G0102405100.01.T01	
maker-1-augustus-gene-433.35-mRNA-1	NA	NA		Os01g0867800	OsR498G0102405300.01.T10	Polypyrimidine tract-binding protein like 3
maker-1-augustus-gene-433.40-mRNA-1	NA	NA		Os01g0866500	OsR498G0102401200.01.T02	Inorganic diphosphatase
maker-1-augustus-gene-433.43-mRNA-1	NA	NA		Os01g0866600	OsR498G0102401600.01.T01	Sm domain-containing protein
maker-1-augustus-gene-433.45-mRNA-1	NA	NA		Os01g0866700	OsR498G0102401800.01.T01	U6 snRNA-associated Sm-like protein LSM3
maker-1-augustus-gene-433.48-mRNA-1	NA	NA		Os01g0867300	OsR498G0102404000.01.T03	G-box-binding factor 4
maker-1-augustus-gene-433.52-mRNA-1	NA	NA		Os01g0867900	OsR498G0102405600.01.T01	Membrane protein COV-like
maker-1-augustus-gene-433.56-mRNA-1	NA	Japonica		Os01g0868000	OsR498G0102406000.01.T01	Ethylene-responsive transcription factor
maker-1-augustus-gene-433.7-mRNA-1	NA	NA		Os01g0866400	OsR498G0102409000.01.T01	D-fructose-1,6-bisphosphate 1-phosphohydrolase
maker-1-augustus-gene-434.36-mRNA-1	NA	NA		0	OsR498G0102408700.01.T01	Peptidase A1 domain-containing protein
maker-1-augustus-gene-434.37-mRNA-1	NA	NA		Os01g0869200	OsR498G0102410700.01.T01	Magnesium transporter
maker-1-augustus-gene-434.39-mRNA-1	NA	NA		Os01g0869600	OsR498G0102412100.01.T01	TLC domain-containing protein 2
maker-1-augustus-gene-434.42-mRNA-1	NA	NA		Os01g0869800	OsR498G0102412300.01.T01	Photosystem II protein, chloroplastic
maker-1-augustus-gene-434.45-mRNA-1	NA	NA				S-acyltransferase
maker-1-augustus-gene-434.50-mRNA-1	NA	NA				DNA polymerase alpha catalytic subunit

maker-1-augustus-gene-434.56-mRNA-1	NA	NA		Os01g0869000	OsR498G0102410200.01.T01	
maker-1-augustus-gene-434.61-mRNA-1	NA	Indica		Os07g0232900	OsR498G0102410400.01.T01	Cadmium/zinc-transporting ATPase HMA2
maker-1-augustus-gene-434.63-mRNA-1	NA	NA				
maker-1-augustus-gene-434.68-mRNA-1	NA	NA		Os01g0869500	OsR498G0102412000.01.T01	AUGMIN subunit like
maker-1-augustus-gene-435.13-mRNA-1	NA	NA		0	OsR498G0102414500.01.T04	DNA repair protein XRCC
maker-1-augustus-gene-435.15-mRNA-1	NA	NA		Os01g0870300	OsR498G0102414500.01.T06	Ammonium transporter
maker-1-augustus-gene-435.17-mRNA-1	NA	NA				AB hydrolase-1 domain-containing protein (Fragment)
maker-1-augustus-gene-435.24-mRNA-1	NA	NA		Os01g0871300	OsR498G0102417100.01.T01	Glutamate-oxaloacetate transaminase4
maker-1-augustus-gene-435.28-mRNA-1	NA	NA		Os01g0871500	OsR498G0102418100.01.T03	Peptide/nitrate transporter
maker-1-augustus-gene-435.32-mRNA-1	NA	NA		Os01g0870100	OsR498G0102414000.01.T01	Ion channel POLLUX like
maker-1-augustus-gene-435.37-mRNA-1	NA	Indica	Kinase-TM	Os01g0889900	OsR498G0102414800.01.T01	Receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-435.39-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0102415600.01.T01	Non-specific serine/threonine protein kinase (Fragment)
maker-1-augustus-gene-435.7-mRNA-1	NA	Indica		Os02g0688900	OsR498G0102414300.01.T01	Phosphatidylinositol glycan anchor biosynthesis class U protein
maker-1-augustus-gene-436.47-mRNA-1	NA	NA		Os01g0871600	OsR498G0102418700.01.T01	Peptide/nitrate transporter
maker-1-augustus-gene-436.50-mRNA-1	NA	Indica		Os01g0872100	OsR498G0102418900.01.T01	Peptide transporter PTR2
maker-1-augustus-gene-436.52-mRNA-1	NA	NA		Os01g0871800	OsR498G0102419100.01.T01	CRIB domain-containing protein
maker-1-augustus-gene-436.54-mRNA-1	NA	Japonica		Os01g0871900	OsR498G0102420300.01.T02	Peptide transporter PTR5
maker-1-augustus-gene-436.57-mRNA-1	NA	NA		Os01g0872100	OsR498G0102420300.01.T02	Peptide transporter PTR5
maker-1-augustus-gene-436.60-mRNA-1	NA	Indica		Os01g0871800	OsR498G0102420700.01.T01	Peptide transporter PTR2
maker-1-augustus-gene-436.62-mRNA-1	NA	Indica		Os01g0872000	OsR498G0102420900.01.T01	Putative proton-dependent oligopeptide or low-affinity nitrate transporter (Fragment)
maker-1-augustus-gene-436.67-mRNA-1	NA	NA		0	OsR498G0102421700.01.T01	CRIB domain-containing protein
maker-1-augustus-gene-436.70-mRNA-1	NA	NA		0	OsR498G0102422100.01.T01	ROP-interactive CRIB motif-containing protein 10
maker-1-augustus-gene-436.72-mRNA-1	NA	NA		Os01g0872700	OsR498G0102422400.01.T01	5'-3' exoribonuclease
maker-1-augustus-gene-436.78-mRNA-1	NA	NA	Kinase	Os01g0872800	OsR498G0102422600.01.T01	Non-specific serine/threonine protein kinase
maker-1-augustus-gene-437.10-mRNA-1	NA	NA		Os01g0874900	OsR498G0102433100.01.T01	Glycine hydroxymethyltransferase
maker-1-augustus-gene-437.13-mRNA-1	NA	NA		Os01g0873800	OsR498G0102425600.01.T01	Erythroid differentiation-related factor 1
maker-1-augustus-gene-437.17-mRNA-1	NA	Indica		Os05g0430300	OsR498G0102426200.01.T01	Zinc finger protein Pegasus
maker-1-augustus-gene-437.22-mRNA-1	NA	Indica		Os01g0874100	OsR498G0102428000.01.T01	dNK domain-containing protein (Fragment)
maker-1-augustus-gene-437.25-mRNA-1	NA	NA		Os01g0874800	OsR498G0102432600.01.T02	53EXOc domain-containing protein (Fragment)
maker-1-augustus-gene-437.27-mRNA-1	NA	NA		Os01g0875000	OsR498G0102433600.01.T01	Transposable element protein, putative, MuDR
maker-1-augustus-gene-437.5-mRNA-1	NA	NA		Os01g0874300	OsR498G0102429100.01.T01	Transcription repressor MYB4
maker-1-augustus-gene-437.7-mRNA-1	NA	NA		Os01g0874700	OsR498G0102431700.01.T01	SEC14 cytosolic factor family protein / phosphoglyceride transfer family protein
maker-1-augustus-gene-438.0-mRNA-1	NA	NA		Os01g0875300	OsR498G0102435700.01.T01	Usp domain-containing protein (Fragment)
maker-1-augustus-gene-438.11-mRNA-1	NA	Indica		Os08g0300300	OsR498G0102438100.01.T01	Chloride channel protein CLC-c
maker-1-augustus-gene-438.13-mRNA-1	NA	Japonica		Os01g0876500	OsR498G0102439100.01.T04	Splicing factor U2af large subunit A
maker-1-augustus-gene-438.18-mRNA-1	NA	NA		Os01g0875400	OsR498G0102436000.01.T02	Nuclear proteasome inhibitor UBLCP1
maker-1-augustus-gene-438.22-mRNA-1	NA	NA		Os01g0875800	OsR498G0102437800.01.T01	Peroxisomal protein 5, mitochondrial
maker-1-augustus-gene-438.24-mRNA-1	NA	NA		Os01g0876400	OsR498G0102439000.01.T01	Galactose-binding protein isoform 1
maker-1-augustus-gene-438.28-mRNA-1	NA	NA		Os01g0876900	OsR498G0102441200.01.T02	SnRK1-interacting protein 1
maker-1-augustus-gene-438.4-mRNA-1	NA	NA				SUEL-type lectin domain-containing protein
maker-1-augustus-gene-438.9-mRNA-1	NA	NA		Os01g0875700	OsR498G0102437500.01.T01	J domain-containing protein (Fragment)
maker-1-augustus-gene-439.0-mRNA-1	NA	NA		Os01g0877300	OsR498G0102441700.01.T01	Mitotic spindle assembly checkpoint protein MAD1
maker-1-augustus-gene-439.15-mRNA-1	NA	NA		Os01g0878000	OsR498G0102444800.01.T02	Protein GLUTAMINE DUMPER like
maker-1-augustus-gene-439.17-mRNA-1	NA	NA		Os01g0878400	OsR498G0102446400.01.T01	Amino acid transporter
maker-1-augustus-gene-439.19-mRNA-1	NA	NA		Os01g0878700	OsR498G0102447200.01.T02	Amino acid transporter
maker-1-augustus-gene-439.21-mRNA-1	NA	NA		Os01g0878800	OsR498G0102447400.01.T01	LigB domain-containing protein (Fragment)
maker-1-augustus-gene-439.23-mRNA-1	NA	NA		Os01g0878900	OsR498G0102447600.01.T02	LigB domain-containing protein (Fragment)
maker-1-augustus-gene-439.25-mRNA-1	NA	NA		0	OsR498G0102448800.01.T01	N-llysine methyltransferase
maker-1-augustus-gene-439.4-mRNA-1	NA	NA		Os01g0877400	OsR498G0102441900.01.T01	Hexosyltransferase
maker-1-augustus-gene-439.7-mRNA-1	NA	NA		Os01g0877500	OsR498G0102442700.01.T01	PHD domain-containing protein
maker-1-augustus-gene-44.0-mRNA-1	NA	NA		Os01g0182100	OsR498G0100277300.01.T01	
maker-1-augustus-gene-44.5-mRNA-1	NA	NA		0	OsR498G0100281900.01.T04	Spatacsin
maker-1-augustus-gene-440.34-mRNA-1	NA	NA		0	OsR498G0102449300.01.T01	Fidgetin-like protein 1
maker-1-augustus-gene-440.36-mRNA-1	NA	NA		Os01g0880200	OsR498G0102453500.01.T01	Hexosyltransferase
maker-1-augustus-gene-440.39-mRNA-1	NA	NA		Os01g0880800	OsR498G0102454900.01.T01	Stearoyl-[acyl-carrier-protein] 9-desaturase 1, chloroplastic
maker-1-augustus-gene-440.41-mRNA-1	NA	NA		Os01g0880300	OsR498G0102454200.01.T01	Pectinesterase
maker-1-augustus-gene-440.43-mRNA-1	NA	NA		Os01g0880400	OsR498G0102454400.01.T03	Protein trichome birefringence-like 7
maker-1-augustus-gene-440.46-mRNA-1	NA	NA		Os01g0881000	OsR498G0102455200.01.T01	CHD3-type chromatin-remodeling factor PICKLE
maker-1-augustus-gene-441.46-mRNA-1	NA	NA		Os01g0881300	OsR498G0102458300.01.T01	Bidirectional sugar transporter SWEET
maker-1-augustus-gene-441.51-mRNA-1	NA	Indica		Os01g0881400	OsR498G0102458500.01.T01	DRMBL domain-containing protein
maker-1-augustus-gene-441.54-mRNA-1	NA	Indica		Os01g0882100	OsR498G0102460500.01.T01	4HBT domain-containing protein (Fragment)

maker-1-augustus-gene-441.57-mRNA-1	NA	NA		Os01g0882300	OsR498G0102462100.01.T03	Probable magnesium transporter
maker-1-augustus-gene-441.62-mRNA-1	NA	NA		0	OsR498G0102463900.01.T01	HUN domain-containing protein
maker-1-augustus-gene-441.69-mRNA-1	NA	NA		Os01g0881500	OsR498G0102459000.01.T01	Scarecrow-like protein 1
maker-1-augustus-gene-441.71-mRNA-1	NA	NA		Os01g0881900	OsR498G0102460200.01.T04	F-box protein SKP2A
maker-1-augustus-gene-441.74-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0102460400.01.T03	probable serine/threonine-protein kinase PBL16
maker-1-augustus-gene-441.78-mRNA-1	NA	NA		Os06g0265400	OsR498G0612061600.01.T03	Basic-leucine zipper domain
maker-1-augustus-gene-441.80-mRNA-1	NA	NA		Os01g0882500	OsR498G0102462400.01.T01	NADH dehydrogenase I subunit N
maker-1-augustus-gene-441.82-mRNA-1	NA	NA		Os01g0882800	OsR498G0102462800.01.T01	Amino acid permease
maker-1-augustus-gene-441.84-mRNA-1	NA	Japonica		Os01g0883100	OsR498G0102463400.01.T04	MADS-box transcription factor 2
maker-1-augustus-gene-442.27-mRNA-1	NA	NA		Os01g0883800	OsR498G0102466500.01.T01	Gibberellin 20 oxidase 2
maker-1-augustus-gene-442.29-mRNA-1	NA	NA		Os01g0884400	OsR498G0102469100.01.T01	RING-type E3 ubiquitin transferase
maker-1-augustus-gene-442.32-mRNA-1	NA	Indica		Os01g0885000	OsR498G0102470900.01.T02	Cytochrome c, class IA/ IB
maker-1-augustus-gene-442.35-mRNA-1	NA	NA		Os01g0883900	OsR498G0102466800.01.T02	Putative methyltransferase PMT25
maker-1-augustus-gene-442.40-mRNA-1	NA	NA		Os01g0884300	OsR498G0102467600.01.T01	NAC transcription factor
maker-1-augustus-gene-442.43-mRNA-1	NA	NA		Os01g0884500	OsR498G0102469400.01.T04	Plus3 domain-containing protein
maker-1-augustus-gene-442.50-mRNA-1	NA	NA		Os01g0884700	OsR498G0102470200.01.T01	Plus3 domain-containing protein
maker-1-augustus-gene-442.53-mRNA-1	NA	NA		0	OsR498G0102470400.01.T02	TVP38/TMEM64 family membrane protein like
maker-1-augustus-gene-443.13-mRNA-1	NA	Indica		Os05g0419200	OsR498G0102478500.01.T01	Protein root UVB sensitive 6
maker-1-augustus-gene-443.18-mRNA-1	NA	NA		0	OsR498G0102478700.01.T01	4-diphosphocytidyl-2C-methyl-D-erythritol synthase
maker-1-augustus-gene-443.24-mRNA-1	NA	NA		Os01g0885300	OsR498G0102472000.01.T04	TPX2 (Targeting protein for Xklp2) protein family
maker-1-augustus-gene-443.27-mRNA-1	NA	NA		0	OsR498G0102473200.01.T04	SMAP domain-containing protein
maker-1-augustus-gene-443.29-mRNA-1	NA	NA		Os01g0886000	OsR498G0102475000.01.T01	Electron transporter
maker-1-augustus-gene-443.31-mRNA-1	NA	NA		Os03g0615700	OsR498G0613178300.01.T01	GRF zinc finger family protein, expressed
maker-1-augustus-gene-443.33-mRNA-1	NA	NA		Os01g0886500	OsR498G0102477400.01.T04	keratin, type II cytoskeletal 3
maker-1-augustus-gene-443.35-mRNA-1	NA	Indica		Os01g0886600	OsR498G0102477600.01.T01	AAA+ ATPase domain
maker-1-augustus-gene-443.5-mRNA-1	NA	Japonica		Os01g0886200	OsR498G0102475700.01.T01	AGAMOUS-like protein 2
maker-1-augustus-gene-443.9-mRNA-1	NA	NA		Os01g0886300	OsR498G0102477100.01.T07	RNA-binding KH domain-containing protein isoform 1
maker-1-augustus-gene-444.32-mRNA-1	NA	NA				
maker-1-augustus-gene-444.35-mRNA-1	NA	NA		Os01g0888300	OsR498G0102483900.01.T01	NAC transcription factor
maker-1-augustus-gene-444.37-mRNA-1	NA	NA		Os01g0888600	OsR498G0102485100.01.T01	
maker-1-augustus-gene-444.40-mRNA-1	NA	NA		0	OsR498G0102479000.01.T01	Class I peptide chain release factor
maker-1-augustus-gene-444.43-mRNA-1	NA	NA		Os01g0887700	OsR498G0102480200.01.T01	PHD finger protein ALFIN-LIKE 6
maker-1-augustus-gene-444.47-mRNA-1	NA	NA		Os01g0888700	OsR498G0102485400.01.T01	Non-specific serine/threonine protein kinase
maker-1-augustus-gene-445.0-mRNA-1	NA	NA		Os01g0889000	OsR498G0102486500.01.T01	Signal recognition particle subunit SRP72
maker-1-augustus-gene-445.11-mRNA-1	NA	NA		0	OsR498G0102491300.01.T03	TPR repeat-containing protein ZIP4
maker-1-augustus-gene-445.15-mRNA-1	NA	NA		Os01g0889200	OsR498G0102487400.01.T06	DNA-directed RNA polymerase III subunit rpc4-like
maker-1-augustus-gene-445.20-mRNA-1	NA	NA				
maker-1-augustus-gene-445.22-mRNA-1	NA	NA		Os01g0889800	OsR498G0102488600.01.T02	rhodanese-like domain-containing protein 4A, chloroplastic
maker-1-augustus-gene-445.24-mRNA-1	NA	NA	Kinase-TM	Os01g0889900	OsR498G0102488800.01.T01	Receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-445.26-mRNA-1	NA	NA				
maker-1-augustus-gene-445.28-mRNA-1	NA	NA		Os01g0890300		DDE Tnp4 domain-containing protein
maker-1-augustus-gene-445.30-mRNA-1	NA	NA		Os01g0891000	OsR498G0102491600.01.T02	Beta-N-acetylhexosaminidase
maker-1-augustus-gene-445.6-mRNA-1	NA	Indica	Kinase-TM	Os01g0890600	OsR498G0102489700.01.T01	Non-specific serine/threonine protein kinase (Fragment)
maker-1-augustus-gene-445.8-mRNA-1	NA	NA		0	OsR498G0102490500.01.T01	Receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-445.9-mRNA-1	NA	Indica	Kinase-TM	Os01g0890600	OsR498G0102491100.01.T02	Receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-446.47-mRNA-1	NA	NA		Os01g0891100	OsR498G0102492100.01.T01	Endo-polygalacturonase
maker-1-augustus-gene-446.48-mRNA-1	NA	NA		Os01g0891300	OsR498G0102492500.01.T01	NADPH-dependent double-bond reductase 3 variant 1
maker-1-augustus-gene-446.55-mRNA-1	NA	Indica		Os01g0892200	OsR498G0102495900.01.T01	Receptor protein kinase-like
maker-1-augustus-gene-446.63-mRNA-1	NA	NA		0	OsR498G0407890700.01.T01	
maker-1-augustus-gene-446.68-mRNA-1	NA	NA		Os09g0258800		Ulp1 protease family, C-terminal catalytic domain containing protein
maker-1-augustus-gene-446.70-mRNA-1	NA	NA		Os01g0661400	OsR498G0102492800.01.T03	Ribosomal RNA-processing protein 40
maker-1-augustus-gene-446.74-mRNA-1	NA	Indica		Os01g0892600	OsR498G0102496800.01.T01	Pectin acetyltransferase
maker-1-augustus-gene-446.79-mRNA-1	NA	Indica		Os01g0892600	OsR498G0102497400.01.T01	Pectin acetyltransferase
maker-1-augustus-gene-446.84-mRNA-1	NA	NA		Os01g0892600	OsR498G0102497600.01.T02	Pectin acetyltransferase
maker-1-augustus-gene-446.87-mRNA-1	NA	NA				Far-red impaired response-like
maker-1-augustus-gene-447.44-mRNA-1	NA	NA		Os01g0893400	OsR498G0102500100.01.T01	Btbpoz and taz domain-containing protein 3
maker-1-augustus-gene-447.48-mRNA-1	NA	NA		Os01g0894000	OsR498G0102501300.01.T02	Metallophos domain-containing protein (Fragment)
maker-1-augustus-gene-447.51-mRNA-1	NA	NA		Os01g0894500	OsR498G0102502500.01.T03	Selenoprotein F
maker-1-augustus-gene-447.53-mRNA-1	NA	NA				
maker-1-augustus-gene-447.55-mRNA-1	NA	NA		Os01g0895200	OsR498G0102504300.01.T01	Putative DOMON domain, cytochrome b561/ferric reductase transmembran
maker-1-augustus-gene-447.57-mRNA-1	NA	Indica		Os01g0895300	OsR498G0102505100.01.T01	Cytochrome b561 domain-containing protein (Fragment)

maker-1-augustus-gene-447.65-mRNA-1	NA	NA		0	OsR498G0102500400.01.T01	
maker-1-augustus-gene-447.67-mRNA-1	NA	NA		Os01g0893700	OsR498G0102500600.01.T01	DOMON domain-containing protein
maker-1-augustus-gene-447.69-mRNA-1	NA	NA		Os01g0894300	OsR498G0102501800.01.T01	Putative fructokinase-2
maker-1-augustus-gene-447.74-mRNA-1	NA	NA		Os01g0894600	OsR498G0102502800.01.T04	RING-CH-type domain-containing protein
maker-1-augustus-gene-447.78-mRNA-1	NA	NA		Os01g0894700		Trigger factor
maker-1-augustus-gene-447.81-mRNA-1	NA	NA		Os01g0895100	OsR498G0102504200.01.T01	Membrane-associated protein VIPP1 chloroplastic
maker-1-augustus-gene-447.84-mRNA-1	NA	Indica		Os05g0507300	OsR498G0102505800.01.T01	Calreticulin/calnexin
maker-1-augustus-gene-448.0-mRNA-1	NA	Indica		Os01g0896300	OsR498G0102506100.01.T02	Chromatin assembly factor 1 subunit FSM
maker-1-augustus-gene-448.11-mRNA-1	NA	NA		Os01g0897100	OsR498G0102507700.01.T02	Heat stress transcription factor B-1
maker-1-augustus-gene-448.18-mRNA-1	NA	NA		Os01g0896500	OsR498G0102506400.01.T03	Rhodanese domain-containing protein
maker-1-augustus-gene-448.21-mRNA-1	NA	NA				
maker-1-augustus-gene-448.23-mRNA-1	NA	NA	Kinase	0	OsR498G0102507600.01.T01	Cell division control protein 2
maker-1-augustus-gene-448.27-mRNA-1	NA	NA		Os01g0897200	OsR498G0102508000.01.T03	Ribonuclease 2
maker-1-augustus-gene-448.3-mRNA-1	NA	NA		Os01g0896800	OsR498G0102506700.01.T01	60S ribosomal protein L5-1 homolog a
maker-1-augustus-gene-448.31-mRNA-1	NA	Indica		Os01g0897300	OsR498G0102508400.01.T02	Ribonuclease 2
maker-1-augustus-gene-448.34-mRNA-1	NA	NA		0	OsR498G0102509600.01.T01	Formin-like protein 1
maker-1-augustus-gene-448.36-mRNA-1	NA	NA		Os01g0897800	OsR498G0102511200.01.T04	Sister chromatid cohesion 1 protein 4
maker-1-augustus-gene-448.42-mRNA-1	NA	NA		0	OsR498G0102511800.01.T01	
maker-1-augustus-gene-448.7-mRNA-1	NA	NA		Os01g0896800	OsR498G0102506900.01.T01	60S ribosomal protein L5-1 homolog a
maker-1-augustus-gene-449.24-mRNA-1	NA	NA		Os01g0898400	OsR498G0102513500.01.T02	
maker-1-augustus-gene-449.28-mRNA-1	NA	NA		Os01g0898500	OsR498G0102513700.01.T01	Patatin
maker-1-augustus-gene-449.31-mRNA-1	NA	NA		Os01g0898800	OsR498G0102514700.01.T02	Zygote defective protein 12 (Fragment)
maker-1-augustus-gene-449.33-mRNA-1	NA	NA		Os01g0898900	OsR498G0102514900.01.T04	Nucleotide-sugar transporter
maker-1-augustus-gene-449.38-mRNA-1	NA	NA		Os01g0899100	OsR498G0102515500.01.T01	
maker-1-augustus-gene-449.40-mRNA-1	NA	NA		Os01g0898300	OsR498G0102513000.01.T01	ARM repeat superfamily protein
maker-1-augustus-gene-449.46-mRNA-1	NA	NA		Os01g0898600	OsR498G0102514000.01.T01	
maker-1-augustus-gene-449.48-mRNA-1	NA	NA	Kinase-TM	Os01g0899000	OsR498G0102515200.01.T03	Tyrosine-protein kinase
maker-1-augustus-gene-449.52-mRNA-1	NA	NA				Methyltransferase
maker-1-augustus-gene-449.56-mRNA-1	NA	NA		Os01g0899500	OsR498G0102518200.01.T04	Pentatricopeptide repeat superfamily protein isoform 1
maker-1-augustus-gene-449.61-mRNA-1	NA	NA		Os01g0899700	OsR498G0102518400.01.T01	Extensin repeat-containing protein
maker-1-augustus-gene-449.63-mRNA-1	NA	Indica		Os01g0899800	OsR498G0102518800.01.T01	AP2-like ethylene-responsive transcription factor BBM2
maker-1-augustus-gene-45.45-mRNA-1	NA	Japonica		Os01g0183000	OsR498G0511247700.01.T02	Choline/ethanolamine kinase
maker-1-augustus-gene-45.47-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-1-augustus-gene-45.51-mRNA-1	NA	NA		Os01g0183100	OsR498G0100282100.01.T01	probable U3 small nucleolar RNA-associated protein 7
maker-1-augustus-gene-45.70-mRNA-1	NA	NA		Os01g0183300	OsR498G0100282600.01.T01	Type IV inositol polyphosphate 5-phosphatase 3
maker-1-augustus-gene-450.0-mRNA-1	NA	NA		0	OsR498G0102520500.01.T01	Sn1-specific diacylglycerol lipase alpha
maker-1-augustus-gene-450.11-mRNA-1	NA	NA		Os01g0900900	OsR498G0102525600.01.T02	OTU domain-containing protein isoform A
maker-1-augustus-gene-450.15-mRNA-1	NA	NA		Os01g0901000	OsR498G0102526000.01.T03	RING-type E3 ubiquitin transferase
maker-1-augustus-gene-450.19-mRNA-1	NA	NA		Os01g0901200	OsR498G0102527000.01.T01	DNA repair protein recA
maker-1-augustus-gene-450.7-mRNA-1	NA	NA		Os01g0900800	OsR498G0102525300.01.T01	Flowering BHLH 1
maker-1-augustus-gene-451.0-mRNA-1	NA	NA		0	OsR498G0102527100.01.T02	GDP-L-galactose phosphorylase
maker-1-augustus-gene-451.10-mRNA-1	NA	NA		0	OsR498G0102528100.01.T01	FAD/NAD(P)-binding oxidoreductase family protein
maker-1-augustus-gene-451.16-mRNA-1	NA	NA		Os01g0902200	OsR498G0102529300.01.T01	Thimet oligopeptidase
maker-1-augustus-gene-451.17-mRNA-1	NA	NA		Os01g0902200	OsR498G0102529300.01.T04	Thimet oligopeptidase
maker-1-augustus-gene-451.28-mRNA-1	NA	Indica		Os01g0902800	OsR498G0102530100.01.T01	Peptide transporter 1
maker-1-augustus-gene-451.30-mRNA-1	NA	NA		Os01g0902800	OsR498G0102530300.01.T01	Peptide transporter
maker-1-augustus-gene-451.34-mRNA-1	NA	NA		Os01g0901800	OsR498G0102528400.01.T02	Putative membrane protein YuiD
maker-1-augustus-gene-451.38-mRNA-1	NA	Indica		Os01g0901900	OsR498G0102528600.01.T01	Protein PLASTID TRANSCRIPTIONALLY ACTIVE 10 like
maker-1-augustus-gene-451.44-mRNA-1	NA	NA		0	OsR498G0102529000.01.T01	Multidrug resistance-associated protein/mitoxantrone resistance protein, A
maker-1-augustus-gene-451.5-mRNA-1	NA	NA		0	OsR498G0102527700.01.T03	4-coumarate--CoA ligase-like 9
maker-1-augustus-gene-451.50-mRNA-1	NA	NA		Os01g0902300	OsR498G0102529600.01.T01	Esterase, putative, expressed
maker-1-augustus-gene-451.7-mRNA-1	NA	NA		0	OsR498G0102527900.01.T01	4-coumarate--CoA ligase-like 9 isoform A
maker-1-augustus-gene-452.0-mRNA-1	NA	Indica		Os01g0904300	OsR498G0102533100.01.T01	DUF971 domain-containing protein (Fragment)
maker-1-augustus-gene-452.12-mRNA-1	NA	NA		0	OsR498G0102532800.01.T01	
maker-1-augustus-gene-452.14-mRNA-1	NA	NA		Os01g0904200	OsR498G0102533000.01.T06	Putative serine/threonine-protein kinase abkB
maker-1-augustus-gene-452.23-mRNA-1	NA	NA		Os01g0904500	OsR498G0102533800.01.T02	Peptidyl serine alpha-galactosyltransferase
maker-1-augustus-gene-452.28-mRNA-1	NA	Indica		Os01g0904700	OsR498G0102534400.01.T01	Two-component response regulator ORR26
maker-1-augustus-gene-452.32-mRNA-1	NA	NA		Os01g0627800	OsR498G0101582300.01.T01	Secologanin synthase
maker-1-augustus-gene-452.34-mRNA-1	NA	NA		Os01g0627400	OsR498G0101580700.01.T01	Secologanin synthase
maker-1-augustus-gene-452.9-mRNA-1	NA	NA		Os01g0627500	OsR498G0101581000.01.T01	Secologanin synthase
maker-1-augustus-gene-453.0-mRNA-1	NA	NA		0	OsR498G0101577200.01.T02	

maker-1-augustus-gene-453.13-mRNA-1	NA	NA		Os01g0625300	OsR498G0101575700.01.T01	Heat shock transcription factor
maker-1-augustus-gene-453.19-mRNA-1	NA	NA		Os01g0624500	OsR498G0101574500.01.T01	Suppressor of the G2
maker-1-augustus-gene-453.23-mRNA-1	NA	NA		Os01g0624400	OsR498G0101574300.01.T02	Late embryogenesis abundant
maker-1-augustus-gene-453.4-mRNA-1	NA	NA		Os01g0626400	OsR498G0101577900.01.T01	WRKY transcription factor
maker-1-augustus-gene-453.6-mRNA-1	NA	NA		0	OsR498G0101577500.01.T01	
maker-1-augustus-gene-454.10-mRNA-1	NA	NA		Os01g0622700	OsR498G0101566200.01.T01	Probable protein ABIL1
maker-1-augustus-gene-454.15-mRNA-1	NA	NA		Os01g0623500	OsR498G0101571300.01.T01	ATPase family AAA domain-containing protein 1-A
maker-1-augustus-gene-454.20-mRNA-1	NA	Indica		Os05g0585500	OsR498G0101565900.01.T01	Calcium-dependent protein kinase 1 isoform A
maker-1-augustus-gene-454.5-mRNA-1	NA	Indica		Os01g0891100	OsR498G0101571600.01.T01	Endo-polygalacturonase
maker-1-augustus-gene-454.7-mRNA-1	NA	Indica		Os01g0623200	OsR498G0101568400.01.T03	S-type anion channel SLAH3
maker-1-augustus-gene-455.30-mRNA-1	NA	NA		Os01g0622300	OsR498G0101565600.01.T03	Uroporphyrinogen decarboxylase like
maker-1-augustus-gene-455.32-mRNA-1	NA	NA		0	OsR498G0101565200.01.T03	Glycosyl transferase family 1 protein isoform 1
maker-1-augustus-gene-455.37-mRNA-1	NA	NA	Kinase-TM	Os01g0621600	OsR498G0101562800.01.T02	Serine/threonine-protein kinase MARK2
maker-1-augustus-gene-455.39-mRNA-1	NA	NA		0	OsR498G0101562000.01.T03	Extra-large G-protein-like
maker-1-augustus-gene-455.42-mRNA-1	NA	Indica		Os01g0621200	OsR498G0101561600.01.T01	probable GABA transporter 2
maker-1-augustus-gene-455.48-mRNA-1	NA	NA		Os01g0621700	OsR498G0101563100.01.T01	TH1 domain-containing protein (Fragment)
maker-1-augustus-gene-456.29-mRNA-1	NA	NA		Os01g0620100	OsR498G0101558200.01.T01	Nucleoporin SEH1
maker-1-augustus-gene-456.35-mRNA-1	NA	NA		0	OsR498G0101555600.01.T01	MYB-like transcription factor ETC3
maker-1-augustus-gene-456.37-mRNA-1	NA	Indica		Os01g0619000	OsR498G0101555000.01.T01	Polypyrimidine tract-binding
maker-1-augustus-gene-456.41-mRNA-1	NA	Indica		Os01g0619800	OsR498G0101557500.01.T02	Chitinase domain-containing protein 1
maker-1-augustus-gene-456.44-mRNA-1	NA	Indica		Os01g0618900	OsR498G0101554700.01.T01	Pectin lyase-like superfamily protein (Fragment)
maker-1-augustus-gene-457.0-mRNA-1	NA	NA		0	OsR498G0101554200.01.T03	ATP-dependent metalloprotease
maker-1-augustus-gene-457.14-mRNA-1	NA	NA		Os01g0617800	OsR498G0101550800.01.T01	Unconventional prefoldin RPB5 interactor 1
maker-1-augustus-gene-457.18-mRNA-1	NA	NA		Os01g0617600	OsR498G0101550000.01.T03	PORR domain-containing protein (Fragment)
maker-1-augustus-gene-457.19-mRNA-1	NA	NA		Os01g0617500	OsR498G0101549200.01.T01	N-alpha-acetyltransferase 16, NatA auxiliary subunit
maker-1-augustus-gene-457.26-mRNA-1	NA	NA		0	OsR498G0101553700.01.T01	Regulatory component of ABA receptor 1
maker-1-augustus-gene-457.30-mRNA-1	NA	NA		Os01g0618500	OsR498G0101553100.01.T01	DEAD-box ATP-dependent RNA helicase
maker-1-augustus-gene-457.33-mRNA-1	NA	NA		Os01g0618400	OsR498G0101552900.01.T01	DEAD-box ATP-dependent RNA helicase
maker-1-augustus-gene-457.37-mRNA-1	NA	Indica		Os01g0618200	OsR498G0101551700.01.T02	Protein-serine/threonine phosphatase
maker-1-augustus-gene-457.39-mRNA-1	NA	NA		Os01g0617900	OsR498G0101550900.01.T01	PsbP domain-containing protein 5 chloroplastic
maker-1-augustus-gene-457.42-mRNA-1	NA	NA		Os01g0617700	OsR498G0101550500.01.T04	
maker-1-augustus-gene-457.7-mRNA-1	NA	NA		Os01g0618300	OsR498G0101552600.01.T01	
maker-1-augustus-gene-457.9-mRNA-1	NA	NA		Os01g0618100	OsR498G0101551600.01.T02	Auxin-induced protein PCNT115
maker-1-augustus-gene-458.0-mRNA-1	NA	Indica		Os05g0573300	OsR498G0101547800.01.T01	CTP synthase
maker-1-augustus-gene-458.10-mRNA-1	NA	NA				Berberine bridge enzyme-like protein 13
maker-1-augustus-gene-458.12-mRNA-1	NA	NA		Os01g0616500	OsR498G0101546500.01.T01	39S ribosomal protein L22, mitochondrial-like
maker-1-augustus-gene-458.15-mRNA-1	NA	Indica		Os05g0587300	OsR498G0101545900.01.T02	TPR repeat-containing thioredoxin TTL1
maker-1-augustus-gene-458.19-mRNA-1	NA	Indica		Os01g0616100	OsR498G0101542500.01.T07	Kinase family with ARM repeat domain-containing protein
maker-1-augustus-gene-458.6-mRNA-1	NA	NA		Os01g0616400	OsR498G0101546400.01.T02	Zinc finger CCH domain-containing protein 8
maker-1-augustus-gene-459.43-mRNA-1	NA	NA		Os01g0615300	OsR498G0101541200.01.T01	10-deacetylbaecatin III-10-O-acetyl transferase
maker-1-augustus-gene-459.45-mRNA-1	NA	NA		Os01g0615200	OsR498G0101541000.01.T02	10-deacetylbaecatin III-10-O-acetyl transferase
maker-1-augustus-gene-459.47-mRNA-1	NA	NA		Os01g0614900	OsR498G0101539800.01.T03	Ubiquitin-like modifier-activating enzyme ATG7
maker-1-augustus-gene-459.50-mRNA-1	NA	NA		Os01g0613900	OsR498G0101537000.01.T02	Maternal effect embryo arrest 18
maker-1-augustus-gene-459.57-mRNA-1	NA	NA		Os01g0613800	OsR498G0101536800.01.T01	Senescence-specific cysteine protease SAG39
maker-1-augustus-gene-459.59-mRNA-1	NA	NA		Os01g0613500	OsR498G0101536000.01.T01	Cysteine proteinase-like
maker-1-augustus-gene-459.61-mRNA-1	NA	Indica		Os01g0614700	OsR498G0101539500.01.T01	Adaptin ear-binding coat-associated protein 1
maker-1-augustus-gene-459.66-mRNA-1	NA	NA		Os01g0614300	OsR498G0101538300.01.T01	Protein trichome birefringence
maker-1-augustus-gene-459.68-mRNA-1	NA	NA		Os01g0613300	OsR498G0101535700.01.T01	Lipoprotein lpqB (Fragment)
maker-1-augustus-gene-46.30-mRNA-1	NA	NA		0	OsR498G0100286900.01.T01	DNA double-strand break repair Rad50 ATPase (Fragment)
maker-1-augustus-gene-46.34-mRNA-1	NA	Indica		Os01g0185400	OsR498G0100287900.01.T03	Pleiotropic regulator 1 (Fragment)
maker-1-augustus-gene-46.42-mRNA-1	NA	NA		Os01g0185900	OsR498G0100288900.01.T01	DNA-binding WRKY
maker-1-augustus-gene-46.44-mRNA-1	NA	NA		Os01g0185200	OsR498G0100287200.01.T04	Glutaminyl-tRNA synthetase
maker-1-augustus-gene-460.1-mRNA-1	NA	NA		0	OsR498G0101527000.01.T08	DNA methyl transferase4
maker-1-augustus-gene-460.10-mRNA-1	NA	NA		Os01g0612800	OsR498G0101532900.01.T03	Plastid transcriptionally active protein
maker-1-augustus-gene-460.12-mRNA-1	NA	Indica		Os01g0612700	OsR498G0101532700.01.T03	zf-LSD1 domain-containing protein
maker-1-augustus-gene-460.16-mRNA-1	NA	Indica		Os01g0612500	OsR498G0101530100.01.T01	Acyl-protein thioesterase 2
maker-1-augustus-gene-460.20-mRNA-1	NA	NA		Os01g0612200	OsR498G0101528100.01.T01	Cytochrome c oxidase polypeptide Vb
maker-1-augustus-gene-460.24-mRNA-1	NA	Japonica		Os01g0612100	OsR498G0306062000.01.T02	Small subunit ribosomal protein (Fragment)
maker-1-augustus-gene-460.26-mRNA-1	NA	Indica		Os07g0218200	OsR498G0101526300.01.T01	(S)-beta-bisabolene synthase
maker-1-augustus-gene-460.7-mRNA-1	NA	NA		0	OsR498G0101533500.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-461.0-mRNA-1	NA	NA		Os01g0610800	OsR498G0101521400.01.T01	Papilin-like protein isoform X1

maker-1-augustus-gene-461.12-mRNA-1	NA	NA		Os01g0610500	OsR498G0101520600.01.T01	Yip1 domain-containing protein
maker-1-augustus-gene-461.15-mRNA-1	NA	NA				GTP-binding nuclear protein Ran-1
maker-1-augustus-gene-461.18-mRNA-1	NA	NA		Os01g0611000	OsR498G0101522300.01.T01	GTP-binding nuclear protein Ran-3
maker-1-augustus-gene-461.20-mRNA-1	NA	Indica		Os01g0610400	OsR498G0101520100.01.T02	N-alpha-acetyltransferase 50
maker-1-augustus-gene-461.22-mRNA-1	NA	NA		Os01g0610300	OsR498G0101519900.01.T03	BAH domain-containing protein
maker-1-augustus-gene-461.28-mRNA-1	NA	NA		Os01g0610100	OsR498G0101518900.01.T01	ATPase, F0/V0 complex, subunit C protein
maker-1-augustus-gene-461.3-mRNA-1	NA	NA		Os01g0610700	OsR498G0101521200.01.T01	RING-CH-type domain-containing protein (Fragment)
maker-1-augustus-gene-461.6-mRNA-1	NA	NA		Os01g0610600	OsR498G0101521000.01.T03	Carbon catabolite repressor protein 4 like 6
maker-1-augustus-gene-462.0-mRNA-1	NA	NA		Os01g0609900	OsR498G0101517800.01.T02	Pleiotropic drug resistance protein 4
maker-1-augustus-gene-462.13-mRNA-1	NA	NA		Os01g0609066	OsR498G0101514000.01.T02	ABC transporter G family member 34
maker-1-augustus-gene-462.16-mRNA-1	NA	NA	CC-NBS-TM	0	OsR498G1120729200.01.T01	AAA domain-containing protein
maker-1-augustus-gene-462.19-mRNA-1	NA	NA		0	OsR498G0101509900.01.T01	RING-H2 finger protein ATL5A
maker-1-augustus-gene-462.4-mRNA-1	NA	NA		Os01g0609300	OsR498G0101515200.01.T01	pleiotropic drug resistance protein 1-like
maker-1-augustus-gene-462.8-mRNA-1	NA	Indica		Os01g0609066	OsR498G0101514400.01.T01	Pleiotropic drug resistance protein 3
maker-1-augustus-gene-462.9-mRNA-1	NA	NA		Os01g0609200	OsR498G0101514400.01.T01	ABC transporter domain-containing protein
maker-1-augustus-gene-463.15-mRNA-1	NA	NA		Os01g0608366		Peptidase A1 domain-containing protein (Fragment)
maker-1-augustus-gene-463.22-mRNA-1	NA	NA		Os01g0607200	OsR498G0101503700.01.T01	Amino-acid permease BAT1 like
maker-1-augustus-gene-463.23-mRNA-1	NA	NA		Os01g0607200	OsR498G0101503300.01.T01	Amino-acid permease BAT1
maker-1-augustus-gene-463.3-mRNA-1	NA	NA				Transcriptional corepressor LEUNIG
maker-1-augustus-gene-463.6-mRNA-1	NA	NA		Os01g0607400	OsR498G0101504200.01.T03	Transcriptional corepressor LEUNIG
maker-1-augustus-gene-464.0-mRNA-1	NA	NA		Os01g0606200		
maker-1-augustus-gene-464.10-mRNA-1	NA	NA		Os01g0606900	OsR498G0101502300.01.T01	J domain-containing protein
maker-1-augustus-gene-464.13-mRNA-1	NA	NA		Os01g0606000	OsR498G0101499300.01.T01	Bidirectional sugar transporter SWEET
maker-1-augustus-gene-464.15-mRNA-1	NA	NA		Os01g0605700	OsR498G0101498500.01.T01	Bidirectional sugar transporter SWEET
maker-1-augustus-gene-464.17-mRNA-1	NA	NA		0	OsR498G0101498300.01.T01	C3HC-type domain-containing protein (Fragment)
maker-1-augustus-gene-464.2-mRNA-1	NA	NA		Os01g0605850		
maker-1-augustus-gene-464.20-mRNA-1	NA	NA		Os01g0605400	OsR498G0101497900.01.T02	Protein GAMETE EXPRESSED 3
maker-1-augustus-gene-464.22-mRNA-1	NA	NA		Os01g0605300	OsR498G0101497900.01.T01	UBC core domain-containing protein (Fragment)
maker-1-augustus-gene-464.24-mRNA-1	NA	Indica		Os01g0605100	OsR498G0101497700.01.T02	Adenosinetriphosphatase
maker-1-augustus-gene-464.4-mRNA-1	NA	Japonica		Os01g0605500	OsR498G0101498200.01.T01	Kinesin-like protein KIN-8A
maker-1-augustus-gene-464.7-mRNA-1	NA	NA		Os01g0605200	OsR498G0101497400.01.T04	DNL-type domain-containing protein (Fragment)
maker-1-augustus-gene-465.0-mRNA-1	NA	NA		Os01g0604700	OsR498G0101495000.01.T01	Transmembrane protein 33
maker-1-augustus-gene-465.11-mRNA-1	NA	Japonica		Os01g0604100	OsR498G0100035900.01.T05	Usp domain-containing protein
maker-1-augustus-gene-465.13-mRNA-1	NA	NA		Os01g0603300	OsR498G0101487900.01.T01	Transcription factor MYB53
maker-1-augustus-gene-465.15-mRNA-1	NA	NA	NBS-TM	0	OsR498G0101487100.01.T01	Mitochondrial import inner membrane translocase subunit
maker-1-augustus-gene-465.17-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0101485500.01.T05	Kinase protein with adenine nucleotide alpha hydrolases-like domain isoform
maker-1-augustus-gene-465.4-mRNA-1	NA	NA				
maker-1-augustus-gene-465.6-mRNA-1	NA	NA		Os01g0603000	OsR498G0101486800.01.T01	RGG repeats nuclear RNA binding protein A
maker-1-augustus-gene-466.17-mRNA-1	NA	Indica		Os11g0566800	OsR498G0101483200.01.T01	Chalcone synthase F
maker-1-augustus-gene-466.34-mRNA-1	NA	Japonica		Os01g0602400	OsR498G0101582500.01.T01	Secologanin synthase
maker-1-augustus-gene-466.38-mRNA-1	NA	Japonica		Os01g0602200	OsR498G0101482200.01.T03	Secologanin synthase
maker-1-augustus-gene-466.47-mRNA-1	NA	Indica	Kinase-TM	Os01g0601200	OsR498G0101477700.01.T01	Putative serine/threonine-protein kinase
maker-1-augustus-gene-467.12-mRNA-1	NA	NA		Os01g0598400	OsR498G0101471400.01.T01	FBD domain-containing protein (Fragment)
maker-1-augustus-gene-467.14-mRNA-1	NA	Indica		Os01g0600300	OsR498G0101474700.01.T01	
maker-1-augustus-gene-467.18-mRNA-1	NA	Indica		Os02g0224200	OsR498G0101474500.01.T01	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B
maker-1-augustus-gene-467.23-mRNA-1	NA	Japonica		Os01g0599900	OsR498G0101473900.01.T01	SUN domain-containing protein (Fragment)
maker-1-augustus-gene-467.29-mRNA-1	NA	NA		Os01g0598200	OsR498G0101471100.01.T02	Calcineurin B-like protein 5 variant
maker-1-augustus-gene-467.3-mRNA-1	NA	Indica		Os02g0226200	OsR498G0101475400.01.T01	Pyridoxal phosphate phosphatase-related protein
maker-1-augustus-gene-467.5-mRNA-1	NA	NA		Os01g0600000	OsR498G0101474200.01.T03	Hydrogen-transporting ATP synthase, rotational mechanism
maker-1-augustus-gene-467.9-mRNA-1	NA	NA		Os01g0598900	OsR498G0101473200.01.T03	Cytoplasmic tRNA 2-thiolation protein 1
maker-1-augustus-gene-468.0-mRNA-1	NA	Indica		Os01g0597800	OsR498G0101469500.01.T01	Glycosyltransferase
maker-1-augustus-gene-468.2-mRNA-1	NA	NA		Os01g0597600	OsR498G0101469100.01.T01	Amino acid transporter, transmembrane
maker-1-augustus-gene-468.3-mRNA-1	NA	Japonica		Os01g0597400	OsR498G0101468700.01.T01	Amino acid/polyamine transporter II
maker-1-augustus-gene-468.5-mRNA-1	NA	NA		Os01g0596700	OsR498G0101466500.01.T01	FBD domain-containing protein
maker-1-augustus-gene-468.7-mRNA-1	NA	NA				FBD domain-containing protein
maker-1-augustus-gene-469.37-mRNA-1	NA	NA		Os01g0594700		DAO domain-containing protein
maker-1-augustus-gene-469.39-mRNA-1	NA	NA		Os01g0596300	OsR498G0101463900.01.T01	FBD domain-containing protein
maker-1-augustus-gene-469.41-mRNA-1	NA	NA		Os01g0596100	OsR498G0101463300.01.T01	Ribosomal RNA apurinic site specific lyase-like
maker-1-augustus-gene-469.43-mRNA-1	NA	Japonica		Os01g0596000	OsR498G0101462900.01.T01	FBD domain-containing protein
maker-1-augustus-gene-469.45-mRNA-1	NA	NA		Os01g0595900	OsR498G0101462700.01.T01	FBD domain-containing protein (Fragment)
maker-1-augustus-gene-469.47-mRNA-1	NA	NA		Os01g0595800	OsR498G0101462500.01.T01	FBD domain-containing protein

maker-1-augustus-gene-469.49-mRNA-1	NA	Japonica		Os01g0595700	OsR498G0101462300.01.T01	Ribosomal RNA apurinic site specific lyase
maker-1-augustus-gene-469.52-mRNA-1	NA	Japonica		Os01g0595600	OsR498G0101462100.01.T01	Strigolactone esterase
maker-1-augustus-gene-469.55-mRNA-1	NA	Indica		Os01g0719600	OsR498G0101460100.01.T01	HMA domain-containing protein (Fragment)
maker-1-augustus-gene-469.58-mRNA-1	NA	NA		0	OsR498G0101459700.01.T03	CASC3/Barentsz eIF4AIII binding
maker-1-augustus-gene-47.24-mRNA-1	NA	NA				
maker-1-augustus-gene-47.31-mRNA-1	NA	NA		Os01g0187500		Zinc finger CCH domain-containing protein 17
maker-1-augustus-gene-47.33-mRNA-1	NA	NA		0	OsR498G0100296500.01.T02	Zinc finger CCH domain-containing protein 59
maker-1-augustus-gene-47.36-mRNA-1	NA	NA		0	OsR498G0100299700.01.T04	probable 2-oxoglutarate-dependent dioxygenase At3g49630 isoform X2
maker-1-augustus-gene-47.42-mRNA-1	NA	NA	Kinase-TM	Os01g0186700	OsR498G0100292200.01.T03	AGC (cAMP-dependent cGMP-dependent and protein kinase C) kinase family
maker-1-augustus-gene-47.49-mRNA-1	NA	NA		0	OsR498G0100297400.01.T02	Cytokinin dehydrogenase
maker-1-augustus-gene-47.52-mRNA-1	NA	NA		Os01g0187900	OsR498G0100298600.01.T02	Myb family transcription factor
maker-1-augustus-gene-470.37-mRNA-1	NA	NA		Os01g0594500	OsR498G0101457800.01.T01	
maker-1-augustus-gene-470.39-mRNA-1	NA	NA		Os01g0905200	OsR498G0102535900.01.T01	Transposon protein, putative, unclassified
maker-1-augustus-gene-471.21-mRNA-1	NA	NA		Os01g0906600	OsR498G0102541400.01.T01	probable UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase
maker-1-augustus-gene-471.6-mRNA-1	NA	NA		Os01g0907400		Lysine-specific demethylase
maker-1-augustus-gene-471.8-mRNA-1	NA	NA		Os01g0907900	OsR498G0102544500.01.T01	RRM domain-containing protein (Fragment)
maker-1-augustus-gene-472.8-mRNA-1	NA	NA		Os01g0909900		Putative transcription factor/ chromatin remodeling BED-type(Zn) family
maker-1-augustus-gene-48.38-mRNA-1	NA	Indica		Os01g0175200	OsR498G0100304700.01.T02	Dolichyl-diphosphooligosaccharide--protein glycotransferase
maker-1-augustus-gene-48.42-mRNA-1	NA	NA		Os01g0190000	OsR498G0100305100.01.T02	TauD domain-containing protein (Fragment)
maker-1-augustus-gene-48.46-mRNA-1	NA	NA		Os01g0190300	OsR498G0100306900.01.T01	Auxin-responsive protein IAA2
maker-1-augustus-gene-48.48-mRNA-1	NA	NA		Os01g0190500	OsR498G0100307700.01.T01	IQ-domain 25
maker-1-augustus-gene-48.50-mRNA-1	NA	NA		0	OsR498G0100300000.01.T02	ARM repeat superfamily protein
maker-1-augustus-gene-48.56-mRNA-1	NA	NA		Os01g0188400	OsR498G0100300400.01.T01	NADP-dependent malic enzyme, chloroplastic
maker-1-augustus-gene-48.63-mRNA-1	NA	Indica		Os01g0189100	OsR498G0100251400.01.T01	Boron transporter-like protein 2
maker-1-augustus-gene-48.73-mRNA-1	NA	NA		Os01g0189100	OsR498G0100303800.01.T02	Boron transporter-like protein 2
maker-1-augustus-gene-48.77-mRNA-1	NA	Japonica		Os01g0190400	OsR498G0100307200.01.T02	Phosphotransferase
maker-1-augustus-gene-485.18-mRNA-1	NA	NA		Os01g0931000	OsR498G0102639100.01.T01	Tropinone reductase
maker-1-augustus-gene-489.39-mRNA-1	NA	NA		Os01g0938200	OsR498G0102666300.01.T01	RNA-binding protein BRN1
maker-1-augustus-gene-49.0-mRNA-1	NA	NA		Os01g0191100	OsR498G0100309500.01.T03	Ribosomal protein 60S
maker-1-augustus-gene-49.10-mRNA-1	NA	NA		Os01g0191700	OsR498G0100312900.01.T08	ATP-dependent 6-phosphofructokinase
maker-1-augustus-gene-49.16-mRNA-1	NA	NA		Os01g0191000	OsR498G0100309400.01.T03	Late embryogenesis abundant protein-related / LEA protein-related
maker-1-augustus-gene-49.18-mRNA-1	NA	NA		Os01g0191200	OsR498G0100310200.01.T01	Stem 28 kDa glycoprotein (Fragment)
maker-1-augustus-gene-49.20-mRNA-1	NA	Indica		Os01g0191300	OsR498G0100311400.01.T05	NAC domain-containing protein 73
maker-1-augustus-gene-49.26-mRNA-1	NA	NA		Os01g0191800	OsR498G0100313200.01.T04	Non-specific serine/threonine protein kinase
maker-1-augustus-gene-49.32-mRNA-1	NA	NA		Os01g0191900	OsR498G0100313800.01.T01	Transcription factor RAX2
maker-1-augustus-gene-49.4-mRNA-1	NA	NA		Os01g0191500	OsR498G0100311700.01.T01	Mitochondrial-processing peptidase alpha subunit
maker-1-augustus-gene-491.12-mRNA-1	NA	NA		Os01g0941400	OsR498G0102675700.01.T01	Truncated pathogenesis-related protein 6
maker-1-augustus-gene-491.15-mRNA-1	NA	NA		Os07g0513300	OsR498G1120703200.01.T01	PMD domain-containing protein (Fragment)
maker-1-augustus-gene-491.18-mRNA-1	NA	NA		Os01g0941800	OsR498G0102677000.01.T01	probable inactive purple acid phosphatase 16
maker-1-augustus-gene-491.2-mRNA-1	NA	NA		Os01g0940800	OsR498G0102674300.01.T01	Beta-1,3-glucanase II
maker-1-augustus-gene-491.22-mRNA-1	NA	NA		0	OsR498G0102678600.01.T01	PMD domain-containing protein
maker-1-augustus-gene-492.0-mRNA-1	NA	NA				
maker-1-augustus-gene-492.6-mRNA-1	NA	Indica		Os05g0375400	OsR498G0102679000.01.T01	Licheninase
maker-1-augustus-gene-492.8-mRNA-1	NA	Indica		Os01g0176400	OsR498G0102681800.01.T01	NPH3 domain-containing protein (Fragment)
maker-1-augustus-gene-493.66-mRNA-1	NA	NA		0	OsR498G0102686200.01.T02	DNA repair protein recA, mitochondrial
maker-1-augustus-gene-494.35-mRNA-1	NA	NA				Glucan endo-1,3-beta-glucosidase GII
maker-1-augustus-gene-494.38-mRNA-1	NA	NA		Os01g0947000	OsR498G0102690700.01.T01	Glucan endo-1,3-beta-glucosidase GIII
maker-1-augustus-gene-494.48-mRNA-1	NA	NA	LRR-NBS-TM	Os01g0947700		Beta 1,3-glucanase
maker-1-augustus-gene-495.0-mRNA-1	NA	NA		Os01g0949700	OsR498G0102701900.01.T03	Glutathione S-transferase, N-terminal domain containing protein, expressed
maker-1-augustus-gene-495.10-mRNA-1	NA	NA		0	OsR498G0102700600.01.T02	Phytochromobilin synthase
maker-1-augustus-gene-495.2-mRNA-1	NA	Japonica		Os01g0949850	OsR498G0102702700.01.T01	Glucan endo-1,3-beta-glucosidase GV
maker-1-augustus-gene-496.17-mRNA-1	NA	NA		Os01g0951200	OsR498G0102704900.01.T02	OMPdecase
maker-1-augustus-gene-496.2-mRNA-1	NA	NA		Os01g0950700	OsR498G0102703700.01.T01	Plant calmodulin-binding protein-related
maker-1-augustus-gene-496.21-mRNA-1	NA	Indica		Os01g0951400	OsR498G0102705300.01.T01	OMPdecase
maker-1-augustus-gene-496.29-mRNA-1	NA	NA		Os01g0952200	OsR498G0102707300.01.T01	Helicase C-terminal domain-containing protein
maker-1-augustus-gene-496.32-mRNA-1	NA	NA		Os01g0950800	OsR498G0102704000.01.T04	Essential protein Yae1 N-terminal
maker-1-augustus-gene-496.36-mRNA-1	NA	Indica		Os05g0150000	OsR498G0102704200.01.T01	Pyridoxal phosphate homeostasis protein
maker-1-augustus-gene-496.4-mRNA-1	NA	NA		Os01g0950900	OsR498G0102704300.01.T03	Hyperosmolality-gated Ca2+ permeable channel 2.5
maker-1-augustus-gene-496.41-mRNA-1	NA	NA				Flowering time control protein FY
maker-1-augustus-gene-496.47-mRNA-1	NA	NA		Os01g0951800	OsR498G0102706400.01.T01	Mitochondrial fission 1 protein A (Fragment)
maker-1-augustus-gene-496.49-mRNA-1	NA	NA		Os01g0952300	OsR498G0102707600.01.T01	Regulator of chromosome condensation (RCC1) family with FYVE zinc finger

maker-1-augustus-gene-497.42-mRNA-1	NA	NA				Beta-galactosidase
maker-1-augustus-gene-497.52-mRNA-1	NA	NA		Os01g0952700	OsR498G0102709900.01.T01	Protein LONG AFTER FAR-RED 3
maker-1-augustus-gene-497.62-mRNA-1	NA	NA		Os01g0952800	OsR498G0102710200.01.T03	Transcription factor ORG2
maker-1-augustus-gene-497.64-mRNA-1	NA	NA		Os01g0953600	OsR498G0102713200.01.T01	NAD(P)H dehydrogenase (quinone)
maker-1-augustus-gene-50.0-mRNA-1	NA	NA		Os01g0192300	OsR498G0100319400.01.T01	Bacterial transferase hexapeptide repeat-containing protein isoform 1
maker-1-augustus-gene-50.2-mRNA-1	NA	NA		Os01g0192600	OsR498G0100320400.01.T02	Pollen-specific protein SF21
maker-1-augustus-gene-50.6-mRNA-1	NA	NA		Os01g0192900	OsR498G0100322800.01.T01	1-aminocyclopropane-1-carboxylic acid synthase
maker-1-augustus-gene-50.8-mRNA-1	NA	Japonica		Os01g0193500	OsR498G0100325000.01.T01	F-box/LRR-repeat protein At4g29420
maker-1-augustus-gene-500.1-mRNA-1	NA	NA		0	OsR498G0102733900.01.T03	NUC173 domain-containing protein
maker-1-augustus-gene-500.12-mRNA-1	NA	NA		Os01g0958400	OsR498G0102735300.01.T04	Putative CRM domain-containing protein, chloroplastic
maker-1-augustus-gene-500.44-mRNA-1	NA	Indica		Os01g0959600	OsR498G0102738500.01.T01	PPR repeat protein-like
maker-1-augustus-gene-500.50-mRNA-1	NA	Japonica		Os01g0960200	OsR498G0102740300.01.T02	DUF632 domain-containing protein/DUF630 domain-containing protein
maker-1-augustus-gene-500.53-mRNA-1	NA	Indica		Os01g0958100	OsR498G0102734800.01.T04	Chloroplast srp54 receptor 1
maker-1-augustus-gene-500.6-mRNA-1	NA	NA	CC-Kinase-TM	Os01g0958000	OsR498G0102734300.01.T01	Cyclin-dependent kinase
maker-1-augustus-gene-500.68-mRNA-1	NA	NA		0	OsR498G0102739200.01.T02	Phosphatidylserine decarboxylase
maker-1-augustus-gene-501.18-mRNA-1	NA	NA		Os01g0960300	OsR498G0102740600.01.T01	Glucose-inhibited division family A protein isoform 1
maker-1-augustus-gene-501.50-mRNA-1	NA	NA		Os01g0961600	OsR498G0102743800.01.T01	
maker-1-augustus-gene-501.6-mRNA-1	NA	NA		Os01g0961300	OsR498G0102743300.01.T03	
maker-1-augustus-gene-502.0-mRNA-1	NA	NA		Os01g0962700	OsR498G0102746100.01.T01	Peroxidase
maker-1-augustus-gene-503.14-mRNA-1	NA	NA		0	OsR498G0102756700.01.T05	ABC transporter D family member 1
maker-1-augustus-gene-503.25-mRNA-1	NA	NA		Os01g0966500	OsR498G0102757500.01.T02	Vacuolar protein sorting-associated protein 55 like
maker-1-augustus-gene-503.29-mRNA-1	NA	NA		Os01g0966700	OsR498G0102757700.01.T06	Fructan exohydrolase
maker-1-augustus-gene-503.43-mRNA-1	NA	NA		Os01g0966200	OsR498G0102757000.01.T01	Cofactor assembly
maker-1-augustus-gene-504.45-mRNA-1	NA	NA		Os01g0967100	OsR498G0102759700.01.T01	
maker-1-augustus-gene-504.51-mRNA-1	NA	NA		Os01g0967200	OsR498G0102761300.01.T01	Rho GTPase-activating gacA
maker-1-augustus-gene-504.62-mRNA-1	NA	Indica		Os01g0968400	OsR498G0102762900.01.T01	Late embryogenesis abundant protein-related / LEA protein-related
maker-1-augustus-gene-504.64-mRNA-1	NA	NA				BACK domain-containing protein
maker-1-augustus-gene-504.67-mRNA-1	NA	NA		Os01g0968700		tRNA isopentenyltransferase
maker-1-augustus-gene-504.69-mRNA-1	NA	Indica		Os01g0966900	OsR498G0102758400.01.T01	Polyol transporter 5
maker-1-augustus-gene-504.71-mRNA-1	NA	NA		Os01g0967000		Small nuclear ribonucleoprotein Sm D2
maker-1-augustus-gene-505.0-mRNA-1	NA	NA		0	OsR498G0102766700.01.T01	
maker-1-augustus-gene-505.12-mRNA-1	NA	NA		0	OsR498G0102765400.01.T04	
maker-1-augustus-gene-505.18-mRNA-1	NA	NA				
maker-1-augustus-gene-505.2-mRNA-1	NA	NA		Os01g0970400	OsR498G0102770700.01.T01	mRNA cap-binding protein (Fragment)
maker-1-augustus-gene-505.22-mRNA-1	NA	NA		0	OsR498G0102769200.01.T02	
maker-1-augustus-gene-505.25-mRNA-1	NA	NA		0	OsR498G0102771400.01.T01	DEAD-box ATP-dependent RNA helicase
maker-1-augustus-gene-505.29-mRNA-1	NA	NA		Os01g0970700	OsR498G0102771600.01.T04	Ste24 endopeptidase
maker-1-augustus-gene-505.35-mRNA-1	NA	NA		Os01g0971200	OsR498G0102773200.01.T01	Lysine ketoglutarate reductase trans-splicing related 1
maker-1-augustus-gene-505.6-mRNA-1	NA	NA		Os01g0970500	OsR498G0102771100.01.T01	Transcription initiation factor IIA subunit 2
maker-1-augustus-gene-505.8-mRNA-1	NA	NA		Os01g0971100	OsR498G0102772900.01.T03	Drought-induced 19
maker-1-augustus-gene-506.0-mRNA-1	NA	NA		Os01g0971400	OsR498G0102773700.01.T01	Cysteine protease XCP2 isoform A
maker-1-augustus-gene-506.10-mRNA-1	NA	NA		Os01g0971600	OsR498G0102774400.01.T03	Glycerol-3-phosphate dehydrogenase [NAD(+)] 1, chloroplastic
maker-1-augustus-gene-506.16-mRNA-1	NA	Indica		Os01g0971700	OsR498G0102774800.01.T03	Ribosome association toxin RatA (Fragment)
maker-1-augustus-gene-506.2-mRNA-1	NA	Indica		Os01g0971500	OsR498G0102774100.01.T02	Cytochrome b5 heme-binding domain-containing protein
maker-1-augustus-gene-506.9-mRNA-1	NA	NA		Os01g0971600	OsR498G0102774400.01.T02	Glycerol-3-phosphate dehydrogenase [NAD(+)]
maker-1-augustus-gene-508.37-mRNA-1	NA	NA				fructose-bisphosphate aldolase-lysine N-methyltransferase, chloroplastic iso
maker-1-augustus-gene-509.0-mRNA-1	NA	NA		Os01g0977100	OsR498G0102790900.01.T01	Tetraspanin-6
maker-1-augustus-gene-51.0-mRNA-1	NA	NA		Os01g0193900	OsR498G0100325700.01.T06	DIRP domain-containing protein
maker-1-augustus-gene-51.11-mRNA-1	NA	Indica		Os01g0194000	OsR498G0100326000.01.T02	C2 NT-type domain-containing protein
maker-1-augustus-gene-51.14-mRNA-1	NA	NA		Os01g0194200	OsR498G0100328000.01.T02	IQ-domain 6
maker-1-augustus-gene-51.16-mRNA-1	NA	NA		Os01g0194300	OsR498G0100328800.01.T01	BTB/POZ domain and ankyrin repeat-containing protein NPR1
maker-1-augustus-gene-51.18-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0100334000.01.T02	Protein kinase domain-containing protein
maker-1-augustus-gene-51.5-mRNA-1	NA	NA		Os01g0195000		protein indeterminate-domain 7 isoform X2
maker-1-augustus-gene-51.7-mRNA-1	NA	NA		Os01g0193600	OsR498G0100325200.01.T03	TRAM domain-containing protein (Fragment)
maker-1-augustus-gene-510.0-mRNA-1	NA	NA		Os01g0819700	OsR498G0102222100.01.T02	Protein ENHANCED DISEASE RESISTANCE 4
maker-1-augustus-gene-510.11-mRNA-1	NA	NA		Os01g0950700	OsR498G0102703700.01.T01	Plant calmodulin-binding protein-related
maker-1-augustus-gene-510.13-mRNA-1	NA	NA		Os01g0950900	OsR498G0102704300.01.T03	Hyperosmolality-gated Ca2+ permeable channel 2.5
maker-1-augustus-gene-510.2-mRNA-1	NA	NA		Os01g0831200	OsR498G0102268500.01.T02	BCL-2-associated athanogene 4
maker-1-augustus-gene-510.20-mRNA-1	NA	NA		Os01g0831200	OsR498G0102268500.01.T02	BCL-2-associated athanogene 4
maker-1-augustus-gene-510.26-mRNA-1	NA	NA		Os01g0840300	OsR498G0102304200.01.T01	Homeobox domain
maker-1-augustus-gene-510.28-mRNA-1	NA	NA		Os01g0950800	OsR498G0102704000.01.T04	Essential protein Yae1 N-terminal

maker-1-augustus-gene-510.32-mRNA-1	NA	Indica		Os05g0150000	OsR498G0102704200.01.T01	Pyridoxal phosphate homeostasis protein
maker-1-augustus-gene-510.37-mRNA-1	NA	NA		Os01g0951000	OsR498G0102704600.01.T03	Flowering time control protein FY
maker-1-augustus-gene-510.8-mRNA-1	NA	NA		Os01g0909900		Putative transcription factor/ chromatin remodeling BED-type(Zn) family
maker-1-augustus-gene-52.26-mRNA-1	NA	NA		Os01g0195700	OsR498G0100335900.01.T01	BHLH transcription factor
maker-1-augustus-gene-52.29-mRNA-1	NA	NA		Os01g0195500	OsR498G0100335800.01.T01	Translation machinery-associated protein 22
maker-1-augustus-gene-54.0-mRNA-1	NA	NA		Os01g0199900	OsR498G0100350300.01.T03	Alr carboxylase
maker-1-augustus-gene-54.10-mRNA-1	NA	Indica		Os01g0198500	OsR498G0100346600.01.T01	
maker-1-augustus-gene-54.11-mRNA-1	NA	NA		Os01g0199400	OsR498G0100348800.01.T01	Monoglyceride lipase
maker-1-augustus-gene-54.16-mRNA-1	NA	NA		Os01g0200000	OsR498G0100350800.01.T02	Autophagy-related protein 3
maker-1-augustus-gene-54.25-mRNA-1	NA	NA		0	OsR498G0100352000.01.T01	Homeobox-leucine zipper protein ATHB-8
maker-1-augustus-gene-54.6-mRNA-1	NA	NA		Os01g0200100		Acetohydroxy-acid reductoisomerase
maker-1-augustus-gene-55.10-mRNA-1	NA	NA				Thioredoxin-related transmembrane protein 2
maker-1-augustus-gene-55.11-mRNA-1	NA	NA		Os01g0200400	OsR498G0100352400.01.T02	Thioredoxin superfamily protein
maker-1-augustus-gene-55.3-mRNA-1	NA	Indica	Kinase-TM	Os08g0112500	OsR498G0100356100.01.T01	probable serine/threonine-protein kinase At1g54610
maker-1-augustus-gene-58.20-mRNA-1	NA	NA		Os01g0205500	OsR498G0100374300.01.T01	60S ribosomal protein L11
maker-1-augustus-gene-58.24-mRNA-1	NA	NA		Os01g0205900	OsR498G0100376100.01.T01	Peroxidase
maker-1-augustus-gene-58.26-mRNA-1	NA	NA		Os01g0206600		
maker-1-augustus-gene-58.29-mRNA-1	NA	Indica		Os01g0204900	OsR498G0203659800.01.T01	rRNA N-glycosidase
maker-1-augustus-gene-58.3-mRNA-1	NA	NA		Os01g0205100		WD repeat-containing protein 53
maker-1-augustus-gene-58.31-mRNA-1	NA	Indica	Kinase-TM	Os05g0207500	OsR498G0100374600.01.T04	Non-specific serine/threonine protein kinase
maker-1-augustus-gene-58.38-mRNA-1	NA	NA		Os01g0206200	OsR498G0100376800.01.T01	
maker-1-augustus-gene-58.40-mRNA-1	NA	NA	Kinase-LRR-TM	Os01g0206800	OsR498G0100378000.01.T01	Transmembrane kinase
maker-1-augustus-gene-59.12-mRNA-1	NA	NA		Os01g0208700	OsR498G0100384500.01.T01	Phosphoenolpyruvate carboxylase
maker-1-augustus-gene-59.2-mRNA-1	NA	NA		Os01g0207900	OsR498G0100381300.01.T01	EamA domain-containing protein (Fragment)
maker-1-augustus-gene-59.4-mRNA-1	NA	Indica		Os01g0207900	OsR498G0100381700.01.T01	
maker-1-augustus-gene-59.6-mRNA-1	NA	NA		Os01g0208600	OsR498G0100384300.01.T02	SCAR-like protein 2
maker-1-augustus-gene-61.24-mRNA-1	NA	Indica		Os01g0210800	OsR498G0100394100.01.T01	phospho-N-acetylmuramoyl-pentapeptide- transferase homolog isoform X1
maker-1-augustus-gene-61.32-mRNA-1	NA	NA		Os01g0211800	OsR498G0100400400.01.T04	Basic-leucine zipper domain
maker-1-augustus-gene-62.0-mRNA-1	NA	NA		Os01g0212100	OsR498G0100402100.01.T04	RNA helicase
maker-1-augustus-gene-62.5-mRNA-1	NA	NA		Os01g0212400	OsR498G0100402300.01.T01	sodium/calcium exchanger NCL
maker-1-augustus-gene-64.14-mRNA-1	NA	NA		0	OsR498G0100417100.01.T01	Auxin-responsive protein IAA2
maker-1-augustus-gene-64.16-mRNA-1	NA	Japonica		Os01g0216900	OsR498G0100417300.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-64.18-mRNA-1	NA	NA		Os01g0217100	OsR498G0100419100.01.T01	
maker-1-augustus-gene-64.21-mRNA-1	NA	NA		Os01g0217300	OsR498G0100419700.01.T01	Fruit bromelain
maker-1-augustus-gene-64.24-mRNA-1	NA	NA		Os01g0217500	OsR498G0100420900.01.T01	Class I glutamine amidotransferase-like superfamily protein
maker-1-augustus-gene-64.29-mRNA-1	NA	NA		Os01g0217000	OsR498G0100418200.01.T01	Trichome birefringence-like family
maker-1-augustus-gene-64.32-mRNA-1	NA	Indica		Os01g0330200	OsR498G0100419400.01.T01	Putative cysteine protease
maker-1-augustus-gene-64.34-mRNA-1	NA	NA		0	OsR498G0100420000.01.T01	
maker-1-augustus-gene-64.4-mRNA-1	NA	NA		Os01g0216300	OsR498G0100416500.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-64.6-mRNA-1	NA	NA		Os01g0216400	OsR498G0100416700.01.T02	GDSL esterase/lipase
maker-1-augustus-gene-64.7-mRNA-1	NA	Indica		Os01g0216900	OsR498G0100416700.01.T03	GDSL esterase/lipase
maker-1-augustus-gene-65.0-mRNA-1	NA	NA		Os01g0217800	OsR498G0100422900.01.T01	Putative 4-methyl-5(B-hydroxyethyl)-thiazol monophosphate biosynthesis e
maker-1-augustus-gene-67.0-mRNA-1	NA	Indica		Os05g0215600	OsR498G0100439900.01.T01	Delta(8)-fatty-acid desaturase-like
maker-1-augustus-gene-67.2-mRNA-1	NA	NA		Os01g0221600	OsR498G0100440500.01.T08	Aluminum-activated malate transporter like
maker-1-augustus-gene-67.21-mRNA-1	NA	NA		0	OsR498G0100443000.01.T01	V-type proton ATPase subunit E
maker-1-augustus-gene-67.23-mRNA-1	NA	NA		Os01g0222500	OsR498G0100443200.01.T02	Vacuolar ATP synthase subunit E
maker-1-augustus-gene-67.25-mRNA-1	NA	NA		Os01g0222700		HAT transposon superfamily
maker-1-augustus-gene-67.27-mRNA-1	NA	Japonica		Os01g0223000	OsR498G0100444200.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-67.6-mRNA-1	NA	NA		0	OsR498G0100437400.01.T01	Jasmonic acid-amino acid-conjugating enzyme
maker-1-augustus-gene-68.34-mRNA-1	NA	NA		Os01g0223200	OsR498G0100444800.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-68.36-mRNA-1	NA	NA		0	OsR498G0100445600.01.T01	GDSL esterase/lipase
maker-1-augustus-gene-68.38-mRNA-1	NA	Indica		Os01g0223200	OsR498G0100446400.01.T02	ABC transporter D family member 2, chloroplastic (Fragment)
maker-1-augustus-gene-68.41-mRNA-1	NA	Indica	Kinase-LRR-TM	Os01g0223600	OsR498G0100446600.01.T01	Inactive leucine-rich repeat receptor-like serine/threonine-protein kinase
maker-1-augustus-gene-72.27-mRNA-1	NA	NA		Os01g0229100	OsR498G0100473000.01.T01	Eukaryotic translation initiation factor 3 subunit L
maker-1-augustus-gene-72.7-mRNA-1	NA	NA		Os01g0229200	OsR498G0100473100.01.T04	Putative VHS/GAT domain containing family protein
maker-1-augustus-gene-74.44-mRNA-1	NA	NA		Os01g0233400	OsR498G0100488100.01.T04	Chromatin modification-related protein Eaf
maker-1-augustus-gene-74.58-mRNA-1	NA	NA		Os01g0233500	OsR498G0100488600.01.T01	Cyclin N-terminal domain-containing protein (Fragment)
maker-1-augustus-gene-8.130-mRNA-1	NA	Japonica		Os01g0115200	OsR498G1119343800.01.T03	Amidase signature enzyme
maker-1-augustus-gene-80.46-mRNA-1	NA	NA		Os01g0243700	OsR498G0100529000.01.T01	X8 domain-containing protein (Fragment)
maker-1-augustus-gene-80.50-mRNA-1	NA	Japonica		Os01g0243900	OsR498G0100529200.01.T01	Zinc finger CCCH domain-containing protein 4
maker-1-augustus-gene-80.53-mRNA-1	NA	NA		Os01g0244000	OsR498G0100529800.01.T02	Zinc finger CCCH domain-containing protein 4

maker-1-augustus-gene-80.55-mRNA-1	NA	NA		Os01g0244400	OsR498G0100533600.01.T01	RNA-binding glycine-rich protein-like
maker-1-augustus-gene-81.0-mRNA-1	NA	Japonica		Os01g0245600	OsR498G0510259700.01.T02	
maker-1-augustus-gene-81.15-mRNA-1	NA	NA		Os01g0246500	OsR498G0100540000.01.T01	RWP-RK domain-containing protein (Fragment)
maker-1-augustus-gene-81.2-mRNA-1	NA	NA		Os01g0246400	OsR498G0100539500.01.T01	High molecular mass early light-inducible protein HV58, chloroplastic
maker-1-augustus-gene-81.4-mRNA-1	NA	Indica		Os01g0246700	OsR498G0100541900.01.T01	WRKY transcription factor
maker-1-augustus-gene-81.8-mRNA-1	NA	NA		Os01g0245700		
maker-1-augustus-gene-82.0-mRNA-1	NA	NA		Os01g0248300	OsR498G0100548500.01.T01	Pathogen-related protein-like
maker-1-augustus-gene-82.12-mRNA-1	NA	NA		0	OsR498G0100545800.01.T02	Voltage-dependent anion channel
maker-1-augustus-gene-82.15-mRNA-1	NA	NA		Os01g0247900	OsR498G0100547000.01.T01	ABA induced plasma membrane protein PM 19
maker-1-augustus-gene-82.17-mRNA-1	NA	NA		Os01g0248500	OsR498G0100550200.01.T01	Pathogen-related protein-like
maker-1-augustus-gene-82.2-mRNA-1	NA	NA		Os01g0248400	OsR498G0100549900.01.T07	Peroxisomal isocitrate dehydrogenase [NADP]
maker-1-augustus-gene-82.21-mRNA-1	NA	NA		Os01g0248600	OsR498G0100550400.01.T04	DNA replication complex GINS protein PSF2
maker-1-augustus-gene-82.23-mRNA-1	NA	NA		Os01g0248900	OsR498G0100551800.01.T01	Expansin
maker-1-augustus-gene-82.25-mRNA-1	NA	NA		Os01g0249100	OsR498G0100552600.01.T01	Expansin
maker-1-augustus-gene-82.27-mRNA-1	NA	NA		Os01g0249200	OsR498G0100552800.01.T01	Germin-like protein 5-1
maker-1-augustus-gene-82.29-mRNA-1	NA	NA		Os01g0249300	OsR498G0100553200.01.T05	cAMP-regulated phosphoprotein 19-related protein isoform 2
maker-1-augustus-gene-82.9-mRNA-1	NA	NA	Kinase-TM	Os01g0247500	OsR498G0100545400.01.T01	receptor-like serine/threonine-protein kinase At1g78530
maker-1-augustus-gene-83.34-mRNA-1	NA	NA		0	OsR498G0100554300.01.T01	HMA domain-containing protein (Fragment)
maker-1-augustus-gene-83.36-mRNA-1	NA	NA		0	OsR498G0100554700.01.T02	HMA domain-containing protein (Fragment)
maker-1-augustus-gene-83.38-mRNA-1	NA	NA		Os01g0250600	OsR498G0100556300.01.T01	40S ribosomal protein S23-1
maker-1-augustus-gene-83.49-mRNA-1	NA	NA		Os01g0251200	OsR498G0100557500.01.T02	RING-type E3 ubiquitin transferase
maker-1-augustus-gene-83.52-mRNA-1	NA	NA		0	OsR498G0100556000.01.T04	Putative transcription factor DP, helitron helicase-like domain-containing pr
maker-1-augustus-gene-84.39-mRNA-1	NA	NA	Kinase-TM	Os01g0252100	OsR498G0100559700.01.T07	Non-specific serine/threonine protein kinase
maker-1-augustus-gene-84.44-mRNA-1	NA	NA		0	OsR498G0100559900.01.T02	Zinc finger CCCH domain-containing protein 3
maker-1-augustus-gene-84.49-mRNA-1	NA	NA		0	OsR498G0100560700.01.T01	Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha-mannosidase
maker-1-augustus-gene-84.56-mRNA-1	NA	Japonica		Os01g0252700	OsR498G1221886900.01.T01	PlsC domain-containing protein (Fragment)
maker-1-augustus-gene-84.58-mRNA-1	NA	NA		Os01g0253300	OsR498G0100563300.01.T01	Importin subunit alpha
maker-1-augustus-gene-84.65-mRNA-1	NA	Indica		Os01g0253900	OsR498G0100564900.01.T01	phospholipase A1 PLIP2, chloroplastic
maker-1-augustus-gene-84.68-mRNA-1	NA	NA		Os01g0252900	OsR498G0100562400.01.T04	CCHC-type domain-containing protein
maker-1-augustus-gene-84.72-mRNA-1	NA	NA	Kinase-TM	Os01g0253100	OsR498G0100562800.01.T03	proline-rich receptor-like protein kinase PERK3
maker-1-augustus-gene-84.79-mRNA-1	NA	NA		Os01g0253400	OsR498G0100563600.01.T01	
maker-1-augustus-gene-84.81-mRNA-1	NA	NA		Os01g0253600	OsR498G0100564400.01.T03	Pollen-specific protein like
maker-1-augustus-gene-84.83-mRNA-1	NA	NA		Os01g0253800	OsR498G0100564600.01.T01	Glycine-rich protein family
maker-1-augustus-gene-84.85-mRNA-1	NA	NA		Os01g0254000	OsR498G0100565800.01.T01	GTP-binding protein SAR1A
maker-1-augustus-gene-85.32-mRNA-1	NA	NA		Os01g0255000	OsR498G0100571700.01.T01	AB hydrolase-1 domain-containing protein (Fragment)
maker-1-augustus-gene-85.33-mRNA-1	NA	Japonica		Os01g0255100	OsR498G0100571700.01.T04	AB hydrolase-1 domain-containing protein (Fragment)
maker-1-augustus-gene-85.42-mRNA-1	NA	NA		0	OsR498G0100573900.01.T04	
maker-1-augustus-gene-85.45-mRNA-1	NA	NA		Os01g0254100	OsR498G0100566200.01.T04	Topless-related protein 2
maker-1-augustus-gene-85.51-mRNA-1	NA	Indica		Os01g0254200	OsR498G0100567600.01.T02	Werner Syndrome-like exonuclease
maker-1-augustus-gene-86.37-mRNA-1	NA	NA		Os01g0256400	OsR498G0100576100.01.T02	Dynein light chain
maker-1-augustus-gene-86.39-mRNA-1	NA	NA		Os01g0255700	OsR498G0100575600.01.T01	
maker-1-augustus-gene-86.42-mRNA-1	NA	NA		0	OsR498G0100575800.01.T01	
maker-1-augustus-gene-86.44-mRNA-1	NA	NA		0	OsR498G0100578400.01.T01	DEXH-box ATP-dependent RNA helicase
maker-1-augustus-gene-86.51-mRNA-1	NA	NA		Os01g0256900	OsR498G0100578600.01.T01	U6 snRNA-associated Sm-like protein LSM4
maker-1-augustus-gene-86.54-mRNA-1	NA	NA		Os01g0257400	OsR498G0100580800.01.T02	Zinc finger CCCH domain-containing protein 5
maker-1-augustus-gene-87.31-mRNA-1	NA	NA		Os01g0258600	OsR498G0100585300.01.T03	FYVE-type domain-containing protein
maker-1-augustus-gene-87.33-mRNA-1	NA	NA	Kinase-TM	Os01g0259200	OsR498G0100587300.01.T01	Serine/threonine-protein kinase PBL27
maker-1-augustus-gene-87.40-mRNA-1	NA	NA		Os01g0259900	OsR498G0100589500.01.T01	Mediator-associated protein 2
maker-1-augustus-gene-87.44-mRNA-1	NA	NA				Plant L-ascorbate oxidase
maker-1-augustus-gene-87.47-mRNA-1	NA	NA		Os01g0258700	OsR498G0100585200.01.T01	Zinc finger CCCH domain-containing protein 6
maker-1-augustus-gene-87.52-mRNA-1	NA	NA	Kinase-TM	Os01g0259400	OsR498G0100587800.01.T01	Serine/threonine-protein kinase RUNKEL
maker-1-augustus-gene-87.58-mRNA-1	NA	NA		Os01g0259600	OsR498G0100588000.01.T01	Phosphoadenosine phosphosulfate (PAPS) reductase family protein
maker-1-augustus-gene-88.0-mRNA-1	NA	NA		0	OsR498G0100592100.01.T02	Transcription factor Pur-alpha 1
maker-1-augustus-gene-88.13-mRNA-1	NA	NA		0	OsR498G0100590800.01.T03	Putative minus-end-directed kinesin ATPase
maker-1-augustus-gene-88.18-mRNA-1	NA	NA		Os01g0261200	OsR498G0100594800.01.T02	NAC domain-containing protein 74
maker-1-augustus-gene-88.21-mRNA-1	NA	Japonica		Os01g0261600	OsR498G0100598700.01.T01	2-alpha-hydroxytaxane 2-O-benzoyltransferase
maker-1-augustus-gene-88.5-mRNA-1	NA	NA		Os01g0260800		
maker-1-augustus-gene-88.7-mRNA-1	NA	NA		Os01g0261100	OsR498G0100594500.01.T01	RING/U-box superfamily protein
maker-1-augustus-gene-88.9-mRNA-1	NA	NA				Epimerase domain-containing protein
maker-1-augustus-gene-89.0-mRNA-1	NA	Japonica		Os09g0241700	OsR498G0101011200.01.T01	Protein kinase domain-containing protein
maker-1-augustus-gene-89.15-mRNA-1	NA	NA		Os01g0263300	OsR498G0100605100.01.T02	Peroxidase

maker-1-augustus-gene-89.19-mRNA-1	NA	NA		Os01g0262600	OsR498G0100603200.01.T01	Lipopolysaccharide core biosynthesis mannosyltransferase lpsB
maker-1-augustus-gene-89.2-mRNA-1	NA	Japonica		Os01g0261600	OsR498G0100598700.01.T01	2-alpha-hydroxytaxane 2-O-benzoyltransferase
maker-1-augustus-gene-89.24-mRNA-1	NA	NA		Os01g0263000	OsR498G0100603800.01.T01	Peroxidase
maker-1-augustus-gene-89.4-mRNA-1	NA	NA		Os01g0262500	OsR498G0100602700.01.T01	TLC domain-containing protein (Fragment)
maker-1-augustus-gene-89.7-mRNA-1	NA	NA		Os01g0262700	OsR498G0100603300.01.T05	G-protein coupled receptor
maker-1-augustus-gene-9.103-mRNA-1	NA	NA		Os01g0116400	OsR498G0100053600.01.T01	Receptor kinase
maker-1-augustus-gene-90.41-mRNA-1	NA	Indica		Os01g0263500	OsR498G0100605500.01.T02	Mediator of RNA polymerase II transcription subunit
maker-1-augustus-gene-90.46-mRNA-1	NA	NA		0	OsR498G0100606100.01.T04	PsbB mRNA maturation factor Mbb1, chloroplastic
maker-1-augustus-gene-90.48-mRNA-1	NA	NA				UTP--glucose-1-phosphate uridylyltransferase
maker-1-augustus-gene-90.53-mRNA-1	NA	NA		Os01g0264400		
maker-1-augustus-gene-90.55-mRNA-1	NA	Indica		Os01g0263900	OsR498G0100606400.01.T01	Cyclic dof factor 2
maker-1-augustus-gene-91.0-mRNA-1	NA	NA		Os01g0264500	OsR498G0100609500.01.T01	Ankyrin repeat and KH domain-containing protein
maker-1-augustus-gene-91.12-mRNA-1	NA	NA		Os01g0264700	OsR498G0100611400.01.T05	Random slug protein 5
maker-1-augustus-gene-91.17-mRNA-1	NA	Indica		Os01g0265100	OsR498G0100612200.01.T06	ADP-ribosylation factor homolog1
maker-1-augustus-gene-91.21-mRNA-1	NA	NA		Os01g0265200	OsR498G0100612600.01.T02	thylakoid ADP,ATP carrier protein, chloroplastic
maker-1-augustus-gene-91.29-mRNA-1	NA	NA		Os01g0265700	OsR498G0100614000.01.T02	tRNA (Guanine-N(1)-)-methyltransferase
maker-1-augustus-gene-91.32-mRNA-1	NA	NA		Os01g0265900	OsR498G0100614600.01.T03	Translin-associated protein X
maker-1-augustus-gene-91.4-mRNA-1	NA	NA		0	OsR498G0100611700.01.T02	Putative pre-mRNA-splicing factor SPF27-like
maker-1-augustus-gene-91.7-mRNA-1	NA	NA		Os01g0266000	OsR498G0100614900.01.T01	HTH La-type RNA-binding domain-containing protein
maker-1-augustus-gene-92.13-mRNA-1	NA	NA		Os01g0266500	OsR498G0100618000.01.T02	Glutaredoxin-dependent peroxiredoxin
maker-1-augustus-gene-92.17-mRNA-1	NA	NA		Os01g0266600	OsR498G0100618400.01.T01	Glutaredoxin-dependent peroxiredoxin
maker-1-augustus-gene-92.21-mRNA-1	NA	NA		Os01g0266800	OsR498G0100620200.01.T09	PQ-loop repeat family protein / transmembrane family protein
maker-1-augustus-gene-92.28-mRNA-1	NA	NA		Os01g0267400	OsR498G0100622800.01.T01	Cadmium resistance protein 10
maker-1-augustus-gene-92.3-mRNA-1	NA	NA		Os01g0267100	OsR498G0100621700.01.T04	Methyltransferase-like protein 1
maker-1-augustus-gene-92.31-mRNA-1	NA	NA		Os01g0267600	OsR498G0100623200.01.T01	SUN domain-containing protein 1
maker-1-augustus-gene-92.8-mRNA-1	NA	NA		Os01g0267200	OsR498G0100622100.01.T01	26S proteasome regulatory subunit RPN11
maker-1-augustus-gene-93.0-mRNA-1	NA	NA				DNA topoisomerase (ATP-hydrolyzing)
maker-1-augustus-gene-93.14-mRNA-1	NA	NA		Os01g0268900	OsR498G0100628900.01.T03	MutS
maker-1-augustus-gene-93.17-mRNA-1	NA	NA		Os01g0267900	OsR498G0100625000.01.T01	Calmodulin
maker-1-augustus-gene-93.19-mRNA-1	NA	NA		Os01g0268100	OsR498G0100625600.01.T02	Carbohydrate transporter/ sugar porter/ transporter
maker-1-augustus-gene-93.26-mRNA-1	NA	NA		Os01g0269000	OsR498G0100629200.01.T01	3-hydroxy-3-methylglutarate-CoA lyase
maker-1-augustus-gene-93.29-mRNA-1	NA	NA		Os01g0269100	OsR498G0100629400.01.T07	Rab proteins geranylgeranyltransferase component
maker-1-augustus-gene-93.6-mRNA-1	NA	NA		Os01g0268500	OsR498G0100627900.01.T01	Sulfoquinovosidase
maker-1-augustus-gene-94.39-mRNA-1	NA	NA	CC-NBS-TM	Os01g0269500	OsR498G0100629900.01.T03	Putative NBS type R protein
maker-1-augustus-gene-94.41-mRNA-1	NA	NA	CC-NBS-TM	Os01g0269800	OsR498G0100631100.01.T01	NBS-LRR disease resistance protein-like
maker-1-augustus-gene-94.49-mRNA-1	NA	Indica	CC-NBS-TM	Os01g0269800	OsR498G0100630400.01.T01	Putative NB-ARC domain-containing protein (Fragment)
maker-1-augustus-gene-94.52-mRNA-1	NA	NA		Os01g0269900	OsR498G0100631600.01.T05	Actin-related protein 6
maker-1-augustus-gene-94.55-mRNA-1	NA	NA		Os01g0270100	OsR498G0100632000.01.T01	Cysteine proteinase inhibitor
maker-1-augustus-gene-96.4-mRNA-1	NA	NA				Ulp1 protease family, C-terminal catalytic domain containing protein, expres
maker-1-augustus-gene-96.8-mRNA-1	NA	NA		0	OsR498G0509629200.01.T01	
maker-1-augustus-gene-98.41-mRNA-1	NA	NA		Os01g0276800	OsR498G0100656000.01.T01	Glucosidase 2 subunit beta
maker-10-augustus-gene-102.11-mRNA-1	NA	NA		Os02g0443000	OsR498G0407986600.01.T01	DNA-directed RNA polymerase subunit beta"
maker-10-augustus-gene-103.0-mRNA-1	NA	NA		Os06g0598500		Ribulose biphosphate carboxylase large chain
maker-10-augustus-gene-103.2-mRNA-1	NA	NA		0	OsR498G1018680400.01.T01	Cyclic dof factor 2
maker-10-augustus-gene-104.45-mRNA-1	NA	NA				HAT family dimerisation domain containing protein, expressed
maker-10-augustus-gene-104.47-mRNA-1	NA	NA		0	OsR498G0714121500.01.T01	
maker-10-augustus-gene-104.49-mRNA-1	NA	NA				SAC domain-containing protein
maker-10-augustus-gene-105.1-mRNA-1	NA	NA		Os10g0429500		BTB/POZ domain containing protein, expressed
maker-10-augustus-gene-109.0-mRNA-1	NA	NA		Os10g0437500	OsR498G1018785700.01.T01	Usp domain-containing protein (Fragment)
maker-10-augustus-gene-109.10-mRNA-1	NA	NA		Os10g0438500	OsR498G1018788500.01.T01	F-box domain containing protein, expressed
maker-10-augustus-gene-109.12-mRNA-1	NA	NA		Os10g0438700	OsR498G1018789100.01.T02	Protein preY, mitochondrial
maker-10-augustus-gene-109.14-mRNA-1	NA	Indica		Os03g0428700	OsR498G1018790700.01.T01	Expansin
maker-10-augustus-gene-109.16-mRNA-1	NA	NA		Os10g0438000	OsR498G1018787000.01.T01	FH protein interacting protein FIP2
maker-10-augustus-gene-109.19-mRNA-1	NA	Japonica		Os10g0438300	OsR498G1018787600.01.T01	
maker-10-augustus-gene-109.2-mRNA-1	NA	NA		Os10g0437600	OsR498G1018786300.01.T05	Starch synthase, chloroplastic/amyloplastic
maker-10-augustus-gene-109.22-mRNA-1	NA	NA		Os10g0438600	OsR498G1018789000.01.T01	GDSL esterase/lipase EXL3
maker-10-augustus-gene-109.24-mRNA-1	NA	NA		Os10g0439200	OsR498G1018791000.01.T01	Expansin
maker-10-augustus-gene-109.6-mRNA-1	NA	NA		Os10g0437900	OsR498G1018786700.01.T01	SHSP domain-containing protein
maker-10-augustus-gene-11.0-mRNA-1	NA	NA		0	OsR498G1018035800.01.T01	
maker-10-augustus-gene-110.38-mRNA-1	NA	NA		0	OsR498G1018792300.01.T04	Splicing factor, CC1-like family protein, expressed
maker-10-augustus-gene-110.49-mRNA-1	NA	NA		Os10g0440000	OsR498G1018793600.01.T01	Ent-isokaurene C2-hydroxylase

maker-10-augustus-gene-110.50-mRNA-1	NA	NA		Os10g0439800	OsR498G1018793000.01.T01	Premnaspodiene oxygenase
maker-10-augustus-gene-110.60-mRNA-1	NA	NA		Os10g0440100	OsR498G1018794000.01.T02	Transcription factor-like protein DPB
maker-10-augustus-gene-111.45-mRNA-1	NA	NA		Os10g0442900	OsR498G1018800500.01.T01	putative white-brown complex homolog protein 30 isoform X1
maker-10-augustus-gene-111.50-mRNA-1	NA	NA		0	OsR498G0305744400.01.T01	
maker-10-augustus-gene-111.52-mRNA-1	NA	NA		0	OsR498G1018798600.01.T02	Phosphoglycerate kinase
maker-10-augustus-gene-111.57-mRNA-1	NA	Indica		Os10g0442300	OsR498G1018798800.01.T01	Glycosyltransferase
maker-10-augustus-gene-111.59-mRNA-1	NA	NA		0	OsR498G1018799600.01.T01	Glycosyltransferase
maker-10-augustus-gene-112.41-mRNA-1	NA	NA		0	OsR498G1018807000.01.T01	General transcription factor 2-related zinc finger protein
maker-10-augustus-gene-113.36-mRNA-1	NA	NA		0	OsR498G1018808900.01.T01	
maker-10-augustus-gene-113.37-mRNA-1	NA	NA		Os10g0445500	OsR498G1018810100.01.T02	HR-like lesion-inducing protein-related
maker-10-augustus-gene-113.41-mRNA-1	NA	NA				Transmembrane protein like
maker-10-augustus-gene-113.43-mRNA-1	NA	NA				Transmembrane protein 8B
maker-10-augustus-gene-113.49-mRNA-1	NA	NA		Os10g0446400	OsR498G1018812900.01.T01	ARID domain-containing protein
maker-10-augustus-gene-113.51-mRNA-1	NA	NA		Os10g0445400	OsR498G1018809400.01.T02	E3 ubiquitin-protein ligase AIRP2
maker-10-augustus-gene-114.35-mRNA-1	NA	NA		Os04g0169100	OsR498G0407621300.01.T01	Ethylene receptor
maker-10-augustus-gene-115.4-mRNA-1	NA	NA		Os04g0167800	OsR498G0407614400.01.T01	Methylecgonone reductase isoform A
maker-10-augustus-gene-116.44-mRNA-1	NA	NA		Os04g0165500		Pheophorbide a oxygenase
maker-10-augustus-gene-117.41-mRNA-1	NA	NA		Os04g0165400	OsR498G0407603600.01.T01	Integral membrane HRF1 family protein
maker-10-augustus-gene-117.53-mRNA-1	NA	NA				
maker-10-augustus-gene-118.0-mRNA-1	NA	NA		Os04g0162100	OsR498G0407596300.01.T01	VEFS-Box domain-containing protein
maker-10-augustus-gene-121.0-mRNA-1	NA	NA				
maker-10-augustus-gene-121.2-mRNA-1	NA	NA		Os04g0156200	OsR498G0407574100.01.T01	
maker-10-augustus-gene-123.37-mRNA-1	NA	NA		Os04g0151800	OsR498G0407558600.01.T04	Argonaute 4
maker-10-augustus-gene-124.33-mRNA-1	NA	NA		0	OsR498G0407550800.01.T01	
maker-10-augustus-gene-124.37-mRNA-1	NA	NA		Os04g0150766	OsR498G0407557500.01.T01	
maker-10-augustus-gene-124.39-mRNA-1	NA	NA		0	OsR498G0407556900.01.T05	
maker-10-augustus-gene-124.42-mRNA-1	NA	NA		0	OsR498G0815485900.01.T01	Cell wall protein-like
maker-10-augustus-gene-127.40-mRNA-1	NA	NA	Kinase-TM	Os04g0140400	OsR498G0407534800.01.T01	Serine/threonine-protein kinase
maker-10-augustus-gene-127.41-mRNA-1	NA	NA	Kinase-TM	Os04g0125700	OsR498G0407534800.01.T01	Non-specific serine/threonine protein kinase
maker-10-augustus-gene-127.48-mRNA-1	NA	NA	Kinase-TM	Os04g0141200	OsR498G0407536900.01.T01	Receptor-like serine/threonine-protein kinase
maker-10-augustus-gene-127.50-mRNA-1	NA	NA		0	OsR498G0407531300.01.T01	DUF4220 domain-containing protein (Fragment)
maker-10-augustus-gene-127.52-mRNA-1	NA	NA		Os02g0824700	OsR498G0407530700.01.T04	V-type proton ATPase subunit F
maker-10-augustus-gene-128.26-mRNA-1	NA	NA		Os04g0137100	OsR498G0407528100.01.T01	Pectate lyase
maker-10-augustus-gene-131.30-mRNA-1	NA	NA		0	OsR498G0407523100.01.T01	Histidine decarboxylase
maker-10-augustus-gene-132.28-mRNA-1	NA	NA	Kinase-TM	Os04g0125700	OsR498G0407520700.01.T01	Agglutinin-2
maker-10-augustus-gene-132.30-mRNA-1	NA	NA		Os04g0134800	OsR498G0407518700.01.T01	Peroxidase
maker-10-augustus-gene-133.0-mRNA-1	NA	NA		Os04g0131900	OsR498G0407513000.01.T01	Sterol 3-beta-glucosyltransferase
maker-10-augustus-gene-133.4-mRNA-1	NA	NA		Os04g0131900	OsR498G0407513000.01.T01	Sterol 3-beta-glucosyltransferase 1
maker-10-augustus-gene-133.6-mRNA-1	NA	NA	Kinase-LRR-TM	Os04g0132500	OsR498G0407514500.01.T01	Lrr receptor-like serinethreonine-protein kinase rch1
maker-10-augustus-gene-133.8-mRNA-1	NA	NA		Os04g0132300	OsR498G0407513700.01.T03	A1 cistron-splicing factor, AAR2
maker-10-augustus-gene-134.0-mRNA-1	NA	NA		Os04g0120000		Hydroxyproline-rich glycoprotein-like
maker-10-augustus-gene-134.6-mRNA-1	NA	NA		Os04g0129500	OsR498G0407508500.01.T02	Sec23/Sec24 protein transport family protein isoform 1
maker-10-augustus-gene-135.0-mRNA-1	NA	NA		Os04g0129200	OsR498G0407506800.01.T02	Werner syndrome ATP-dependent helicase
maker-10-augustus-gene-135.2-mRNA-1	NA	NA		Os04g0128900	OsR498G0407505200.01.T01	Flavin-containing monooxygenase
maker-10-augustus-gene-135.4-mRNA-1	NA	NA		Os04g0129300	OsR498G0407506900.01.T03	YTH domain-containing protein (Fragment)
maker-10-augustus-gene-135.7-mRNA-1	NA	NA		Os04g0127800	OsR498G0407501300.01.T01	
maker-10-augustus-gene-136.29-mRNA-1	NA	NA		Os04g0127300	OsR498G0407499700.01.T01	Subtilisin-like protease SBT3.3
maker-10-augustus-gene-136.44-mRNA-1	NA	NA		Os04g0121100	OsR498G0407492700.01.T01	Subtilisin-like serine endopeptidase family protein
maker-10-augustus-gene-138.14-mRNA-1	NA	NA		Os04g0121300	OsR498G0407492700.01.T01	Subtilisin-like protein protease SBT3.7
maker-10-augustus-gene-138.18-mRNA-1	NA	NA				Subtilisin-like protease
maker-10-augustus-gene-138.4-mRNA-1	NA	NA				Subtilisin-like protein protease SBT3.3
maker-10-augustus-gene-139.12-mRNA-1	NA	NA		Os04g0118500	OsR498G0407486200.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-10-augustus-gene-139.19-mRNA-1	NA	NA		Os04g0120000	OsR498G0407490300.01.T02	Subtilisin-like protein protease SBT3.7
maker-10-augustus-gene-139.21-mRNA-1	NA	NA	LRR-TM	0	OsR498G0407494400.01.T01	Protein kinase domain-containing protein
maker-10-augustus-gene-139.24-mRNA-1	NA	NA		Os04g0119400	OsR498G0407487700.01.T01	Pyruvate dehydrogenase E1 component subunit alpha
maker-10-augustus-gene-139.30-mRNA-1	NA	NA	CC-NBS-TM	Os12g0246700	OsR498G0407486900.01.T01	NB-ARC domain containing protein, expressed
maker-10-augustus-gene-14.13-mRNA-1	NA	NA				
maker-10-augustus-gene-140.43-mRNA-1	NA	NA		0	OsR498G0407483400.01.T01	ARF guanine-nucleotide exchange factor like
maker-10-augustus-gene-140.52-mRNA-1	NA	NA		Os04g0116200	OsR498G0407478600.01.T01	
maker-10-augustus-gene-140.54-mRNA-1	NA	NA		0	OsR498G0407485700.01.T01	
maker-10-augustus-gene-140.56-mRNA-1	NA	NA		Os04g0118100	OsR498G0407484900.01.T02	Amidase domain-containing protein (Fragment)

maker-10-augustus-gene-140.60-mRNA-1	NA	NA		Os04g0117800	OsR498G0407484500.01.T01	Amidase domain-containing protein (Fragment)
maker-10-augustus-gene-140.63-mRNA-1	NA	NA		Os04g0117600	OsR498G0407484100.01.T01	tRNA-dihydrouridine synthase
maker-10-augustus-gene-140.65-mRNA-1	NA	NA		Os04g0116600	OsR498G0407480900.01.T02	Very-long-chain 3-oxoacyl-CoA reductase 1
maker-10-augustus-gene-141.0-mRNA-1	NA	NA		0	OsR498G0407475000.01.T01	Putative leucine rich repeat
maker-10-augustus-gene-141.2-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class
maker-10-augustus-gene-141.6-mRNA-1	NA	NA		Os04g0115500	OsR498G0407466700.01.T01	Neurotrophin receptor-interacting factor like
maker-10-augustus-gene-141.8-mRNA-1	NA	NA		0	OsR498G0407466300.01.T02	G patch domain-containing protein 8
maker-10-augustus-gene-143.0-mRNA-1	NA	NA		Os04g0112300	OsR498G0407453400.01.T02	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6
maker-10-augustus-gene-144.32-mRNA-1	NA	NA	CC-LRR-NBS-TM	Os04g0111900	OsR498G0407452000.01.T01	Putative NB-ARC domain-containing protein (Fragment)
maker-10-augustus-gene-144.34-mRNA-1	NA	NA		Os03g0743900	OsR498G0407449600.01.T01	Sulfate adenyllyltransferase
maker-10-augustus-gene-145.10-mRNA-1	NA	NA	Kinase-TM	Os04g0109100	OsR498G0407442600.01.T01	Non-specific serine/threonine protein kinase
maker-10-augustus-gene-145.19-mRNA-1	NA	NA		Os04g0109900	OsR498G0407445500.01.T01	Exostosin domain-containing protein (Fragment)
maker-10-augustus-gene-146.35-mRNA-1	NA	NA		Os04g0107700	OsR498G0407435800.01.T01	Ananain
maker-10-augustus-gene-146.37-mRNA-1	NA	NA		0	OsR498G0407441900.01.T01	Alpha-humulene synthase
maker-10-augustus-gene-146.39-mRNA-1	NA	NA		Os02g0831200	OsR498G0407438700.01.T01	Large ribosomal RNA subunit accumulation protein YCED 1, chloroplastic
maker-10-augustus-gene-146.42-mRNA-1	NA	NA		Os09g0482610	OsR498G0407437300.01.T01	Heat shock protein 2
maker-10-augustus-gene-146.44-mRNA-1	NA	NA		Os04g0107500	OsR498G0407430900.01.T02	Glyoxylatehydroxypyruvate reductase hpr3
maker-10-augustus-gene-147.40-mRNA-1	NA	NA		Os04g0107200	OsR498G0407434400.01.T01	Glyoxylate/hydroxypyruvate reductase HPR3
maker-10-augustus-gene-147.51-mRNA-1	NA	NA		0	OsR498G0407431100.01.T01	
maker-10-augustus-gene-147.53-mRNA-1	NA	NA		Os04g0106400	OsR498G0407430900.01.T02	Glyoxylate/hydroxypyruvate reductase HPR3
maker-10-augustus-gene-147.56-mRNA-1	NA	NA		Os04g0106300	OsR498G0407430700.01.T01	Mitochondrion arginase
maker-10-augustus-gene-148.37-mRNA-1	NA	NA		Os04g0104900	OsR498G0407425700.01.T01	Putative inactive methyltransferase
maker-10-augustus-gene-149.19-mRNA-1	NA	NA		Os04g0103300	OsR498G0407420000.01.T01	Rhomboid-like protein 19
maker-10-augustus-gene-149.23-mRNA-1	NA	NA		Os04g0103200	OsR498G0407419600.01.T01	Eukaryotic translation initiation factor 3 subunit M
maker-10-augustus-gene-149.28-mRNA-1	NA	NA		Os04g0102700	OsR498G0407418200.01.T01	Amidase
maker-10-augustus-gene-149.33-mRNA-1	NA	NA		0	OsR498G0407418000.01.T01	SAP-like protein BP-73-like
maker-10-augustus-gene-149.37-mRNA-1	NA	NA		Os04g0103100	OsR498G0407419100.01.T01	Glycosyltransferases
maker-10-augustus-gene-149.40-mRNA-1	NA	NA		0	OsR498G0407417700.01.T01	Phosphoglycerate mutase-like protein 1
maker-10-augustus-gene-15.14-mRNA-1	NA	Indica		Os03g0239000	OsR498G1018051400.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-10-augustus-gene-15.18-mRNA-1	NA	NA				
maker-10-augustus-gene-15.3-mRNA-1	NA	NA		Os10g0116800	OsR498G1018050700.01.T01	Purple acid phosphatase
maker-10-augustus-gene-150.28-mRNA-1	NA	NA		Os04g0101800	OsR498G0407414400.01.T02	Putative ADP-ribosylation factor GTPase-activating protein AGD5
maker-10-augustus-gene-150.30-mRNA-1	NA	NA		Os04g0101400	OsR498G0407413200.01.T01	3,9-dihydroxypterocarpan 6A-monooxygenase
maker-10-augustus-gene-150.32-mRNA-1	NA	NA		Os04g0101700	OsR498G0407414100.01.T03	ELMO domain-containing protein A
maker-10-augustus-gene-150.39-mRNA-1	NA	NA		0	OsR498G0407412900.01.T03	MRG domain-containing protein
maker-10-augustus-gene-151.35-mRNA-1	NA	NA		0	OsR498G0816152000.01.T01	
maker-10-augustus-gene-151.37-mRNA-1	NA	NA		0	OsR498G0407410600.01.T01	FH2 domain-containing protein (Fragment)
maker-10-augustus-gene-156.0-mRNA-1	NA	NA		Os10g0452800	OsR498G1018829400.01.T03	KRR-R motif-containing protein 1
maker-10-augustus-gene-158.24-mRNA-1	NA	Indica		Os10g0457000	OsR498G1018839900.01.T02	Splicing factor 3B subunit like
maker-10-augustus-gene-158.29-mRNA-1	NA	NA		Os10g0457400	OsR498G1018841300.01.T01	Shugoshin, C-terminal
maker-10-augustus-gene-158.32-mRNA-1	NA	NA		Os10g0457600	OsR498G1018841900.01.T01	3-ketoacyl-CoA thiolase 2 peroxisomal
maker-10-augustus-gene-158.39-mRNA-1	NA	NA		Os10g0457700	OsR498G1018842700.01.T02	ATP-dependent helicase ATRX
maker-10-augustus-gene-158.65-mRNA-1	NA	Indica		Os10g0457200	OsR498G1018840200.01.T01	Pectate lyase
maker-10-augustus-gene-159.0-mRNA-1	NA	NA		Os10g0458700	OsR498G1018845900.01.T03	RNase H domain-containing protein (Fragment)
maker-10-augustus-gene-159.5-mRNA-1	NA	NA		Os08g0402700	OsR498G1221669700.01.T01	
maker-10-augustus-gene-159.7-mRNA-1	NA	NA				ATP-dependent DNA helicase
maker-10-augustus-gene-160.0-mRNA-1	NA	Japonica		Os10g0460500	OsR498G1018849700.01.T01	
maker-10-augustus-gene-160.14-mRNA-1	NA	NA		Os10g0462300	OsR498G1018854400.01.T02	
maker-10-augustus-gene-160.3-mRNA-1	NA	NA		Os04g0471100		CAI-1 autoinducer sensor kinase/phosphatase cqsS isoform 1
maker-10-augustus-gene-160.6-mRNA-1	NA	Indica		Os10g0461100	OsR498G1018850800.01.T01	PsbP family protein, expressed
maker-10-augustus-gene-160.9-mRNA-1	NA	NA		Os10g0461100	OsR498G1018853400.01.T01	Photosystem II PsbP, oxygen evolving complex
maker-10-augustus-gene-161.40-mRNA-1	NA	NA		Os10g0462900	OsR498G1018856700.01.T01	Mitochondrial chaperonin-60
maker-10-augustus-gene-161.46-mRNA-1	NA	Japonica		Os10g0463100	OsR498G0305217400.01.T06	CysteinyI-tRNA synthetase
maker-10-augustus-gene-161.48-mRNA-1	NA	NA		Os10g0463200	OsR498G1018857700.01.T01	Gdsl esterasellipase
maker-10-augustus-gene-161.50-mRNA-1	NA	NA		Os10g0463300	OsR498G1018857900.01.T01	Usp domain-containing protein
maker-10-augustus-gene-161.52-mRNA-1	NA	NA		0	OsR498G1018858200.01.T01	Early heading date 1 (Fragment)
maker-10-augustus-gene-162.49-mRNA-1	NA	Indica		Os05g0112000	OsR498G1018864100.01.T01	E3 ubiquitin-protein like
maker-10-augustus-gene-162.53-mRNA-1	NA	Indica		Os10g0465900	OsR498G1018865700.01.T02	PfkB domain-containing protein
maker-10-augustus-gene-162.59-mRNA-1	NA	NA		Os10g0463800	OsR498G1018861400.01.T04	Purine catabolism regulatory protein
maker-10-augustus-gene-162.63-mRNA-1	NA	NA		Os10g0464000	OsR498G1018861800.01.T01	Hypersensitive-induced response protein 1
maker-10-augustus-gene-162.76-mRNA-1	NA	NA		Os10g0464500	OsR498G1018862600.01.T02	E3 ubiquitin-protein ligase WAV3-like isoform X1

maker-10-augustus-gene-162.78-mRNA-1	NA	Indica		Os10g0465000	OsR498G1018863400.01.T04	WD repeat-containing protein 26
maker-10-augustus-gene-162.84-mRNA-1	NA	NA		Os10g0465800	OsR498G1018865600.01.T01	60S ribosomal protein L21 isoform 1
maker-10-augustus-gene-162.86-mRNA-1	NA	Indica		Os10g0466000	OsR498G1018866000.01.T03	RPM1 interacting protein 13
maker-10-augustus-gene-163.0-mRNA-1	NA	NA		0	OsR498G1018866300.01.T02	tRNA dimethylallyltransferase
maker-10-augustus-gene-163.16-mRNA-1	NA	NA		Os10g0467800	OsR498G1018869900.01.T01	Cellulose synthase
maker-10-augustus-gene-163.19-mRNA-1	NA	NA		Os10g0466300	OsR498G1018866800.01.T01	U-box domain-containing protein 72
maker-10-augustus-gene-163.28-mRNA-1	NA	Indica	Kinase-LRR-TM	Os10g0467900	OsR498G1018870200.01.T01	Receptor protein kinase
maker-10-augustus-gene-163.4-mRNA-1	NA	NA		0	OsR498G1018867100.01.T03	CCT motif family protein, expressed
maker-10-augustus-gene-163.8-mRNA-1	NA	NA				Peroxisome biogenesis protein 12
maker-10-augustus-gene-164.25-mRNA-1	NA	NA	Kinase-LRR-TM	Os10g0468500	OsR498G1018872900.01.T01	MDIS1-interacting receptor like kinase 2
maker-10-augustus-gene-164.29-mRNA-1	NA	Japonica	LRR-TM	Os10g0469600	OsR498G1018872900.01.T01	MDIS1-interacting receptor like kinase 2
maker-10-augustus-gene-165.0-mRNA-1	NA	NA		Os10g0470700	OsR498G1018878300.01.T02	Putative proton-dependent oligopeptide or low-affinity nitrate transporter
maker-10-augustus-gene-165.7-mRNA-1	NA	NA		Os10g0470900	OsR498G1018879700.01.T01	Heteroproteinous nuclear ribonucleoprotein 1
maker-10-augustus-gene-165.9-mRNA-1	NA	Indica		Os03g0138600	OsR498G1018880100.01.T01	DUF810 domain-containing protein
maker-10-augustus-gene-169.48-mRNA-1	NA	NA		Os09g0348800	OsR498G1221562500.01.T02	Proline rich 12b
maker-10-augustus-gene-17.38-mRNA-1	NA	NA		Os10g0122600	OsR498G1018067200.01.T01	Phosphatidylinositol/phosphatidylcholine transfer protein SFH10
maker-10-augustus-gene-177.21-mRNA-1	NA	NA		0	OsR498G0714849700.01.T01	L10-interacting MYB domain-containing protein
maker-10-augustus-gene-177.23-mRNA-1	NA	NA		Os10g0170600		Putative AC transposase
maker-10-augustus-gene-177.4-mRNA-1	NA	NA		0	OsR498G0714849700.01.T01	L10-interacting MYB domain-containing protein
maker-10-augustus-gene-178.56-mRNA-1	NA	NA				Far-red impaired response-like
maker-10-augustus-gene-183.58-mRNA-1	NA	NA		Os10g0502900	OsR498G1019001400.01.T02	F-box/LRR-repeat protein At3g48880
maker-10-augustus-gene-23.39-mRNA-1	NA	NA		Os10g0132300	OsR498G1018098400.01.T01	Jacalin-like lectin domain containing protein, expressed
maker-10-augustus-gene-27.0-mRNA-1	NA	NA		Os10g0138600	OsR498G1018113700.01.T01	F-box domain containing protein, expressed
maker-10-augustus-gene-27.2-mRNA-1	NA	NA		0	OsR498G1018116900.01.T01	F-box domain containing protein, expressed
maker-10-augustus-gene-28.0-mRNA-1	NA	NA		Os10g0141900	OsR498G1018123300.01.T02	Queuine tRNA-ribosyltransferase accessory subunit 2
maker-10-augustus-gene-28.14-mRNA-1	NA	NA				Putative alpha-mannosidase
maker-10-augustus-gene-28.6-mRNA-1	NA	NA		Os10g0142100	OsR498G1018123500.01.T03	Zinc finger, C3HC4 type family protein, expressed
maker-10-augustus-gene-3.24-mRNA-1	NA	Indica		Os07g0248800	OsR498G1018004100.01.T01	
maker-10-augustus-gene-30.2-mRNA-1	NA	NA		Os10g0144800		F-box domain-containing protein
maker-10-augustus-gene-30.6-mRNA-1	NA	NA	LRR-TM	Os12g0210400	OsR498G1018135400.01.T02	probable leucine-rich repeat receptor-like protein kinase At5g49770
maker-10-augustus-gene-31.0-mRNA-1	NA	Indica		Os03g0244200	OsR498G1018140100.01.T01	Thaumatococcus-like protein 1
maker-10-augustus-gene-31.2-mRNA-1	NA	NA		Os10g0147400	OsR498G1018142600.01.T01	Auxin influx carrier
maker-10-augustus-gene-32.0-mRNA-1	NA	NA		Os10g0148400	OsR498G1018147200.01.T01	Peptide transporter PTR5
maker-10-augustus-gene-32.4-mRNA-1	NA	NA				F-box domain-containing protein
maker-10-augustus-gene-32.8-mRNA-1	NA	NA		Os10g0149000	OsR498G1018148800.01.T01	Proline-rich protein, putative, expressed
maker-10-augustus-gene-32.9-mRNA-1	NA	Indica		Os10g0149200	OsR498G1018149000.01.T01	Proline-rich protein, putative, expressed
maker-10-augustus-gene-33.23-mRNA-1	NA	Japonica		Os10g0149400	OsR498G1018150600.01.T01	Proline-rich protein, putative, expressed
maker-10-augustus-gene-33.24-mRNA-1	NA	NA		Os10g0149800	OsR498G1018151400.01.T01	Proline-rich protein, putative, expressed
maker-10-augustus-gene-34.0-mRNA-1	NA	NA		Os10g0149900	OsR498G1018151500.01.T01	Proline-rich protein, putative, expressed
maker-10-augustus-gene-37.30-mRNA-1	NA	NA		0	OsR498G1018165700.01.T03	Nuclear pore complex protein Nup188a
maker-10-augustus-gene-37.44-mRNA-1	NA	NA		Os10g0155500	OsR498G1018169000.01.T01	Aldose 1-epimerase
maker-10-augustus-gene-38.0-mRNA-1	NA	Indica	Kinase-LRR-TM	Os10g0155800	OsR498G1018171900.01.T01	Leucine-rich repeat receptor-like protein kinase PEPR1
maker-10-augustus-gene-38.2-mRNA-1	NA	NA				FAR1 domain-containing protein
maker-10-augustus-gene-39.25-mRNA-1	NA	NA		Os10g0158400	OsR498G1018181100.01.T01	Putative chalcone synthase
maker-10-augustus-gene-47.26-mRNA-1	NA	Indica		Os10g0166600	OsR498G1018232300.01.T01	Geraniol 8-hydroxylase
maker-10-augustus-gene-48.33-mRNA-1	NA	NA				
maker-10-augustus-gene-49.0-mRNA-1	NA	Indica		Os10g0166600	OsR498G1018238900.01.T02	Cytochrome P450 family 76 subfamily C polypeptide 7
maker-10-augustus-gene-49.12-mRNA-1	NA	Indica		Os10g0167300	OsR498G1018239200.01.T05	Phosphopyruvate hydratase
maker-10-augustus-gene-49.2-mRNA-1	NA	Japonica		Os10g0167500	OsR498G1018239500.01.T02	RNA recognition motif family protein, expressed
maker-10-augustus-gene-49.20-mRNA-1	NA	NA		0	OsR498G1018239800.01.T03	DNA photolyase
maker-10-augustus-gene-50.6-mRNA-1	NA	NA		Os10g0170000	OsR498G1018249900.01.T01	Nucleotide-sensitive chloride conductance regulator
maker-10-augustus-gene-52.4-mRNA-1	NA	Indica		Os06g0725100	OsR498G1018255800.01.T02	GDSL esterase/lipase
maker-10-augustus-gene-53.27-mRNA-1	NA	NA		0	OsR498G1018257500.01.T01	Wall-associated receptor kinase 2
maker-10-augustus-gene-54.2-mRNA-1	NA	NA		Os10g0174800		Wall-associated receptor kinase 1
maker-10-augustus-gene-56.23-mRNA-1	NA	Indica		Os10g0178200	OsR498G1018269500.01.T01	Maternal effect embryo arrest 60
maker-10-augustus-gene-56.31-mRNA-1	NA	Indica	Kinase-TM	Os10g0180800	OsR498G1018272600.01.T01	Calcium binding EGF domain containing protein, expressed
maker-10-augustus-gene-57.30-mRNA-1	NA	NA		Os10g0180000	OsR498G1018274200.01.T03	Exostosin domain-containing protein
maker-10-augustus-gene-58.36-mRNA-1	NA	NA		Os10g0181600	OsR498G1018281900.01.T02	CMV 1a interacting protein 1
maker-10-augustus-gene-58.47-mRNA-1	NA	Japonica		Os10g0181200	OsR498G1018281600.01.T07	Pentatricopeptide repeat
maker-10-augustus-gene-61.19-mRNA-1	NA	NA	CC-Kinase-TM	Os03g0251700	OsR498G0305588100.01.T01	Receptor-like serine/threonine-protein kinase
maker-10-augustus-gene-63.22-mRNA-1	NA	NA		Os10g0189100	OsR498G1018314600.01.T01	Phosphoglucomutase (alpha-D-glucose-1,6-bisphosphate-dependent)

maker-10-augustus-gene-63.27-mRNA-1	NA	NA		Os10g0189100	OsR498G1018314600.01.T02	Phosphoglucomutase (alpha-D-glucose-1,6-bisphosphate-dependent)
maker-10-augustus-gene-64.14-mRNA-1	NA	NA		Os08g0271600		
maker-10-augustus-gene-64.16-mRNA-1	NA	NA		Os10g0190100	OsR498G1018320200.01.T01	Sulfotransferase
maker-10-augustus-gene-64.18-mRNA-1	NA	NA		Os10g0190500	OsR498G1018321600.01.T03	DUF4220 domain-containing protein (Fragment)
maker-10-augustus-gene-64.20-mRNA-1	NA	NA		0	OsR498G1018323800.01.T01	Putative proline-rich cell wall protein
maker-10-augustus-gene-66.2-mRNA-1	NA	NA		Os10g0193500	OsR498G1018329300.01.T01	AAI domain-containing protein
maker-10-augustus-gene-66.3-mRNA-1	NA	NA		Os10g0194200	OsR498G1018331900.01.T06	Cinnamyl alcohol dehydrogenase
maker-10-augustus-gene-66.8-mRNA-1	NA	NA				Replication protein A DNA-binding subunit B
maker-10-augustus-gene-67.21-mRNA-1	NA	NA				Protein DETOXIFICATION
maker-10-augustus-gene-68.35-mRNA-1	NA	NA		0	OsR498G1221332900.01.T01	Retrotransposon protein, putative, unclassified
maker-10-augustus-gene-68.37-mRNA-1	NA	NA		Os05g0267732	OsR498G0510213400.01.T01	
maker-10-augustus-gene-70.0-mRNA-1	NA	NA		Os10g0195600	OsR498G1018336100.01.T01	Benzyl alcohol O-benzoyltransferase
maker-10-augustus-gene-71.21-mRNA-1	NA	Indica		Os05g0494000	OsR498G1018339300.01.T01	Coumaroyl shikimate 3-hydroxylase 2
maker-10-augustus-gene-72.39-mRNA-1	NA	Indica		Os10g0196100	OsR498G1018339300.01.T01	Coumaroyl shikimate 3-hydroxylase 2
maker-10-augustus-gene-73.33-mRNA-1	NA	NA		Os10g0198600	OsR498G1018343700.01.T03	LENR2 domain-containing protein (Fragment)
maker-10-augustus-gene-73.49-mRNA-1	NA	NA		Os10g0198100	OsR498G1018341600.01.T01	
maker-10-augustus-gene-73.51-mRNA-1	NA	NA				Mevalonate kinase
maker-10-augustus-gene-74.5-mRNA-1	NA	Indica		Os10g0199500	OsR498G1018348300.01.T03	
maker-10-augustus-gene-77.22-mRNA-1	NA	NA		0	OsR498G1018358200.01.T02	
maker-10-augustus-gene-77.27-mRNA-1	NA	NA		Os10g0203000	OsR498G1018362600.01.T01	Calcium-binding endonuclease/exonuclease/phosphatase family
maker-10-augustus-gene-78.7-mRNA-1	NA	NA		Os10g0204400	OsR498G1018371000.01.T02	Phosphoenolpyruvate carboxykinase (ATP)
maker-10-augustus-gene-79.25-mRNA-1	NA	NA		Os10g0205200	OsR498G1018374100.01.T02	Ubiquitin-fold modifier-conjugating enzyme 1
maker-10-augustus-gene-79.30-mRNA-1	NA	NA				Pleiotropic drug resistance ABC transporter
maker-10-augustus-gene-79.33-mRNA-1	NA	NA		0	OsR498G0100876000.01.T01	Transposon protein, putative, Mutator sub-class
maker-10-augustus-gene-79.36-mRNA-1	NA	NA		Os10g0205300	OsR498G1018374400.01.T03	Glycosyltransferases
maker-10-augustus-gene-79.39-mRNA-1	NA	NA		Os10g0205700	OsR498G1018376400.01.T02	Pollen Ole e 1 allergen and extensin family protein
maker-10-augustus-gene-80.0-mRNA-1	NA	NA		Os10g0206500	OsR498G1018378900.01.T01	Pollen Ole e 1 allergen and extensin family protein
maker-10-augustus-gene-80.3-mRNA-1	NA	NA		Os10g0206800	OsR498G1018380100.01.T08	Protein DETOXIFICATION
maker-10-augustus-gene-81.5-mRNA-1	NA	Indica		Os02g0586400	OsR498G1018385400.01.T01	GTP-binding 2
maker-10-augustus-gene-82.0-mRNA-1	NA	NA		0	OsR498G1018387300.01.T05	Oxoglutarate/iron-dependent dioxygenase
maker-10-augustus-gene-82.2-mRNA-1	NA	Japonica		Os10g0208600	OsR498G1018387600.01.T01	Pollen Ole e 1 allergen and extensin family protein
maker-10-augustus-gene-83.3-mRNA-1	NA	NA		Os10g0464400	OsR498G1018862400.01.T01	Riboflavin kinase
maker-10-augustus-gene-84.0-mRNA-1	NA	NA		Os10g0209700	OsR498G1018391500.01.T01	Heavy metal-associated isoprenylated plant protein 8
maker-10-augustus-gene-84.4-mRNA-1	NA	NA		Os10g0210500	OsR498G1018393600.01.T03	EamA domain-containing protein
maker-10-augustus-gene-87.32-mRNA-1	NA	Indica		Os10g0214400	OsR498G1018396800.01.T03	Putative arginine and glutamate-rich protein
maker-10-augustus-gene-87.34-mRNA-1	NA	Japonica		Os10g0213800	OsR498G1018399600.01.T05	
maker-10-augustus-gene-9.36-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-10-augustus-gene-90.0-mRNA-1	NA	NA		Os10g0254720	OsR498G1018408000.01.T01	TRICHOME BIREFRINGENCE-LIKE 8
maker-10-augustus-gene-91.0-mRNA-1	NA	NA		0	OsR498G1018396800.01.T02	Arginine and glutamate-rich protein 1
maker-10-augustus-gene-92.20-mRNA-1	NA	NA		Os10g0254720	OsR498G1018408000.01.T01	Trichome birefringence-like
maker-10-augustus-gene-94.0-mRNA-1	NA	NA		Os10g0315400	OsR498G1018411100.01.T04	ELKS/Rab6-interacting/CAST family protein
maker-10-augustus-gene-96.27-mRNA-1	NA	NA		Os10g0316400	OsR498G1018414400.01.T01	
maker-10-augustus-gene-99.36-mRNA-1	NA	NA		Os10g0320100	OsR498G1018427100.01.T02	Flavonoid 3'-monooxygenase
maker-10-augustus-gene-99.38-mRNA-1	NA	NA		Os10g0320400	OsR498G1018427700.01.T01	ATP synthase subunit gamma mitochondrial
maker-11-augustus-gene-0.0-mRNA-1	NA	NA		0	OsR498G1119277500.01.T04	Mitochondrial trans-2-enoyl-CoA reductase
maker-11-augustus-gene-0.11-mRNA-1	NA	NA		Os12g0102300	OsR498G1119278000.01.T03	WRKY DNA binding domain containing protein, expressed
maker-11-augustus-gene-0.4-mRNA-1	NA	NA		0	OsR498G1119277700.01.T02	LisH dimerization motif
maker-11-augustus-gene-0.8-mRNA-1	NA	NA		Os12g0108000	OsR498G1119298500.01.T01	Laccase
maker-11-augustus-gene-1.53-mRNA-1	NA	NA		Os11g0117400	OsR498G1119327000.01.T01	WRKY DNA binding domain containing protein, expressed
maker-11-augustus-gene-10.65-mRNA-1	NA	Indica		Os11g0137300	OsR498G1119384600.01.T01	Proteasome stabiliser ECM29
maker-11-augustus-gene-115.36-mRNA-1	NA	NA		Os11g0435500		Galactinol--sucrose galactosyltransferase
maker-11-augustus-gene-118.30-mRNA-1	NA	NA		Os11g0440200	OsR498G1120037500.01.T01	GDA1/CD39 family protein, expressed
maker-11-augustus-gene-118.36-mRNA-1	NA	NA		Os11g0440200	OsR498G1120037500.01.T01	GDA1/CD39 family protein, expressed
maker-11-augustus-gene-12.69-mRNA-1	NA	NA		0	OsR498G1119395800.01.T01	Cytochrome C biogenesis protein, transmembrane domain containing prote
maker-11-augustus-gene-122.25-mRNA-1	NA	Indica		Os11g0446500	OsR498G1120055700.01.T02	Phospholipid-transporting ATPase
maker-11-augustus-gene-123.36-mRNA-1	NA	NA				Short integuments 2 mitochondrial
maker-11-augustus-gene-123.41-mRNA-1	NA	Japonica	Kinase-LRR-TM	Os11g0448000	OsR498G1120059500.01.T01	Receptor-like kinase TMK4 isoform A
maker-11-augustus-gene-123.43-mRNA-1	NA	NA	Kinase-TM	0	OsR498G1120059900.01.T01	probable serine/threonine-protein kinase PBL28
maker-11-augustus-gene-130.29-mRNA-1	NA	NA		Os11g0461000		Serine carboxypeptidase-like
maker-11-augustus-gene-131.0-mRNA-1	NA	NA		Os11g0460800		Serine carboxypeptidase
maker-11-augustus-gene-133.30-mRNA-1	NA	Japonica		Os11g0465200	OsR498G1120113400.01.T01	Indole-2-monooxygenase

maker-11-augustus-gene-138.2-mRNA-1	NA	Japonica		Os11g0474800	OsR498G0204151800.01.T05	Ent-isokaurene synthase
maker-11-augustus-gene-14.49-mRNA-1	NA	NA		Os11g0146300		
maker-11-augustus-gene-14.72-mRNA-1	NA	NA				1-phosphatidylinositol-4-phosphate 5-kinase
maker-11-augustus-gene-142.36-mRNA-1	NA	Indica		Os11g0479232	OsR498G1120143900.01.T01	GPI transamidase component PIG-T
maker-11-augustus-gene-143.25-mRNA-1	NA	NA		Os11g0481200	OsR498G1120145600.01.T01	O-fucosyltransferase family protein (Fragment)
maker-11-augustus-gene-145.21-mRNA-1	NA	NA		Os11g0484000	OsR498G1120151800.01.T02	Probable bifunctional methylthioribulose-1-phosphate dehydratase/enolase
maker-11-augustus-gene-146.7-mRNA-1	NA	NA		Os11g0487100	OsR498G1120156700.01.T02	Pyridoxal phosphate-dependent transferases superfamily protein
maker-11-augustus-gene-147.32-mRNA-1	NA	NA		Os11g0485200	OsR498G1120163700.01.T02	ATPase 2 plasma membrane-type
maker-11-augustus-gene-147.38-mRNA-1	NA	NA		Os11g0485200	OsR498G1120160600.01.T05	ATPase 2 plasma membrane-type
maker-11-augustus-gene-147.43-mRNA-1	NA	NA		0	OsR498G0509720900.01.T03	DNA replication complex GINS protein SLD5
maker-11-augustus-gene-148.27-mRNA-1	NA	NA	Kinase-LRR-TM	Os11g0490200		Putative LRR receptor-like serine/threonine-protein kinase
maker-11-augustus-gene-148.29-mRNA-1	NA	NA		Os11g0490600	OsR498G1120166100.01.T01	
maker-11-augustus-gene-149.39-mRNA-1	NA	NA	CC-NBS-TM			Putative NBS-LRR type disease resistance protein
maker-11-augustus-gene-15.41-mRNA-1	NA	NA		Os11g0147800	OsR498G1119413400.01.T03	Stem-specific protein TSJT1
maker-11-augustus-gene-151.35-mRNA-1	NA	NA		Os09g0348800	OsR498G1221562500.01.T03	Transposon protein, putative, CACTA, En/Spm sub-class, expressed
maker-11-augustus-gene-158.14-mRNA-1	NA	NA		Os11g0513700		
maker-11-augustus-gene-158.8-mRNA-1	NA	NA				
maker-11-augustus-gene-159.2-mRNA-1	NA	NA		Os11g0513700		
maker-11-augustus-gene-160.0-mRNA-1	NA	NA		Os11g0516000	OsR498G1120222300.01.T01	Serine C-palmitoyltransferase
maker-11-augustus-gene-160.10-mRNA-1	NA	NA		Os11g0515900	OsR498G1120221800.01.T06	Pre-mRNA-splicing factor ATP-dependent RNA helicase
maker-11-augustus-gene-160.13-mRNA-1	NA	NA		Os11g0516800		
maker-11-augustus-gene-160.15-mRNA-1	NA	Japonica		Os11g0517200	OsR498G1120224000.01.T02	Retrotransposon protein, putative, unclassified
maker-11-augustus-gene-160.20-mRNA-1	NA	NA		Os11g0517400	OsR498G1120224200.01.T01	
maker-11-augustus-gene-160.22-mRNA-1	NA	NA		0	OsR498G1120224200.01.T06	
maker-11-augustus-gene-160.25-mRNA-1	NA	NA		0	OsR498G1120224400.01.T05	Xpo1 domain-containing protein
maker-11-augustus-gene-160.4-mRNA-1	NA	NA				Ribosomal protein L31
maker-11-augustus-gene-160.6-mRNA-1	NA	NA		0	OsR498G1120222700.01.T04	
maker-11-augustus-gene-161.19-mRNA-1	NA	NA		Os11g0518600	OsR498G1120227300.01.T02	
maker-11-augustus-gene-161.22-mRNA-1	NA	NA				ACT domain-containing protein ACR1
maker-11-augustus-gene-161.32-mRNA-1	NA	NA		Os02g0583500		
maker-11-augustus-gene-161.35-mRNA-1	NA	NA		Os11g0519100		
maker-11-augustus-gene-161.41-mRNA-1	NA	NA		0	OsR498G1120231000.01.T02	
maker-11-augustus-gene-162.26-mRNA-1	NA	NA		Os11g0522000	OsR498G1120233300.01.T03	Putative 6-phosphofructo-2-kinase, Fructose-2,6-bisphosphate 2-phosphatase
maker-11-augustus-gene-162.28-mRNA-1	NA	NA		Os11g0519500		
maker-11-augustus-gene-162.33-mRNA-1	NA	Indica		Os11g0521900	OsR498G1120234600.01.T01	Protein-serine/threonine phosphatase
maker-11-augustus-gene-163.0-mRNA-1	NA	NA		Os11g0521000	OsR498G1120235500.01.T01	Acetylmalan esterase
maker-11-augustus-gene-165.14-mRNA-1	NA	NA	CC-NBS-TM	0	OsR498G1120249800.01.T02	NBS-LRR-like resistance protein (Fragment)
maker-11-augustus-gene-169.30-mRNA-1	NA	Japonica		Os11g0532600	OsR498G1120276200.01.T01	FBD domain-containing protein
maker-11-augustus-gene-173.46-mRNA-1	NA	NA		0	OsR498G1119817100.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-11-augustus-gene-174.0-mRNA-1	NA	NA		0	OsR498G1120154400.01.T01	Endonuclease
maker-11-augustus-gene-175.42-mRNA-1	NA	NA		Os11g0544600	OsR498G1120314100.01.T01	Putative histone chaperone domain CHZ
maker-11-augustus-gene-175.46-mRNA-1	NA	NA		Os11g0544700	OsR498G1120314500.01.T03	CCAAT-HAP5-transcription factor 59
maker-11-augustus-gene-175.61-mRNA-1	NA	NA				GDT1-like protein 2, chloroplastic
maker-11-augustus-gene-175.66-mRNA-1	NA	NA		Os11g0544800	OsR498G1120315000.01.T02	Glutamyl-tRNA(Gln) amidotransferase subunit B, chloroplastic/mitochondrial
maker-11-augustus-gene-176.0-mRNA-1	NA	NA				Ubiquitin carboxyl-terminal hydrolase family protein, expressed
maker-11-augustus-gene-176.2-mRNA-1	NA	NA		Os11g0546000	OsR498G1120321500.01.T01	68 kDa protein HP68
maker-11-augustus-gene-178.22-mRNA-1	NA	NA				
maker-11-augustus-gene-179.36-mRNA-1	NA	NA		Os11g0549685		Zinc knuckle family protein, expressed
maker-11-augustus-gene-179.42-mRNA-1	NA	NA		0	OsR498G1120330600.01.T01	CDP-diacylglycerol synthase
maker-11-augustus-gene-179.45-mRNA-1	NA	NA		Os11g0549600	OsR498G1120331000.01.T01	Maf-like protein isoform B
maker-11-augustus-gene-180.22-mRNA-1	NA	NA		Os11g0552000		probable aminotransferase TAT2
maker-11-augustus-gene-180.26-mRNA-1	NA	NA		Os11g0552100	OsR498G1120337800.01.T01	DUF724 domain-containing protein 2
maker-11-augustus-gene-188.43-mRNA-1	NA	Japonica	Kinase-LRR-TM	Os11g0569800	OsR498G1120381200.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-11-augustus-gene-192.0-mRNA-1	NA	Japonica		Os11g0575600	OsR498G0307013100.01.T01	Lipoxygenase
maker-11-augustus-gene-196.34-mRNA-1	NA	NA		0	OsR498G0613143800.01.T01	CRIB domain-containing protein
maker-11-augustus-gene-197.50-mRNA-1	NA	NA				
maker-11-augustus-gene-197.58-mRNA-1	NA	NA		Os11g0587300	OsR498G1120422600.01.T01	VARLMGL domain-containing protein (Fragment)
maker-11-augustus-gene-198.9-mRNA-1	NA	NA	CC-LRR-NBS-TM			NB-ARC domain containing protein, expressed
maker-11-augustus-gene-199.30-mRNA-1	NA	NA		Os11g0589901		Putative CC-NBS-LRR resistance protein MLA13
maker-11-augustus-gene-199.40-mRNA-1	NA	Indica	CC-LRR-NBS-TM	Os11g0590900	OsR498G1120430700.01.T02	Putative CC-NBS-LRR resistance protein MLA13
maker-11-augustus-gene-199.42-mRNA-1	NA	NA		Os11g0591000	OsR498G1120430700.01.T02	Putative CC-NBS-LRR resistance protein MLA13

maker-11-augustus-gene-202.8-mRNA-1	NA	Japonica		Os11g0596400	OsR498G1120452900.01.T05	rRNA N-glycosidase
maker-11-augustus-gene-207.8-mRNA-1	NA	NA		Os11g0602900	OsR498G1120476500.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-11-augustus-gene-208.5-mRNA-1	NA	NA				Thioredoxin domain-containing protein 9 like
maker-11-augustus-gene-21.48-mRNA-1	NA	Indica		Os12g0160400	OsR498G1119454100.01.T02	BHLH domain-containing protein
maker-11-augustus-gene-21.56-mRNA-1	NA	NA		Os11g0158600	OsR498G1119454400.01.T03	Knotted like homeodomain transcription factor
maker-11-augustus-gene-21.58-mRNA-1	NA	NA		0	OsR498G1119456800.01.T01	Phox-associated domain
maker-11-augustus-gene-212.43-mRNA-1	NA	NA		0	OsR498G1120501000.01.T01	
maker-11-augustus-gene-220.21-mRNA-1	NA	NA		Os07g0651500		ATP-dependent DNA helicase
maker-11-augustus-gene-221.0-mRNA-1	NA	Japonica	Kinase-LRR-TM	Os11g0628000	OsR498G1120550600.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-11-augustus-gene-226.0-mRNA-1	NA	NA		Os09g0244000		
maker-11-augustus-gene-229.0-mRNA-1	NA	NA		0	OsR498G1120616900.01.T01	F-box/LRR-repeat protein 4
maker-11-augustus-gene-229.5-mRNA-1	NA	NA		Os11g0641500	OsR498G1120617700.01.T01	Laccase
maker-11-augustus-gene-229.7-mRNA-1	NA	NA		Os11g0641800	OsR498G1120619100.01.T01	Laccase
maker-11-augustus-gene-230.46-mRNA-1	NA	NA		Os11g0642800	OsR498G1120623700.01.T08	Glutathione synthetase
maker-11-augustus-gene-230.52-mRNA-1	NA	NA		0	OsR498G1120626700.01.T01	Nuclear pore complex protein NUP107
maker-11-augustus-gene-230.58-mRNA-1	NA	Indica	Kinase-TM	Os06g0693200	OsR498G1120627100.01.T01	Protein kinase domain containing protein, expressed
maker-11-augustus-gene-230.60-mRNA-1	NA	NA		0	OsR498G1120627000.01.T02	Sugar transporter family protein, expressed
maker-11-augustus-gene-231.9-mRNA-1	NA	NA		Os07g0267400		Hydroxyproline-rich glycoprotein-like protein
maker-11-augustus-gene-232.0-mRNA-1	NA	NA	CC-NBS-TM	Os11g0646300		Leucine Rich Repeat family protein, expressed
maker-11-augustus-gene-233.24-mRNA-1	NA	NA		0	OsR498G1120642100.01.T01	
maker-11-augustus-gene-234.0-mRNA-1	NA	NA		0	OsR498G1120643700.01.T01	
maker-11-augustus-gene-239.0-mRNA-1	NA	NA		Os11g0658700	OsR498G1120679700.01.T02	Agamous-like MADS-box protein AGL65
maker-11-augustus-gene-241.10-mRNA-1	NA	Indica		Os07g0672500	OsR498G1120687800.01.T02	AAA-type ATPase family protein
maker-11-augustus-gene-241.18-mRNA-1	NA	NA		Os11g0661800		
maker-11-augustus-gene-241.20-mRNA-1	NA	NA		Os08g0522100		ATP-dependent DNA helicase
maker-11-augustus-gene-241.6-mRNA-1	NA	NA		Os11g0661300	OsR498G1120687500.01.T01	ADP,ATP carrier protein like
maker-11-augustus-gene-243.0-mRNA-1	NA	NA	CC-Kinase-TM	Os11g0664000	OsR498G1120691000.01.T01	Serine/threonine protein kinase (Fragment)
maker-11-augustus-gene-243.1-mRNA-1	NA	Indica	CC-Kinase-TM	Os11g0664000	OsR498G1120691200.01.T01	Putative receptor-like protein kinase FERONIA (Fragment)
maker-11-augustus-gene-243.4-mRNA-1	NA	Japonica		Os11g0664800	OsR498G1120688900.01.T01	Calmodulin-binding protein 60 F
maker-11-augustus-gene-244.51-mRNA-1	NA	NA		Os11g0667400		USP domain-containing protein
maker-11-augustus-gene-245.39-mRNA-1	NA	NA				Calmodulin-binding protein-like
maker-11-augustus-gene-247.0-mRNA-1	NA	NA	CC-Kinase-TM			S-receptor kinase-like protein 1-like
maker-11-augustus-gene-247.10-mRNA-1	NA	NA		Os11g0673100	OsR498G1120707400.01.T01	DUF4149 domain-containing protein (Fragment)
maker-11-augustus-gene-247.3-mRNA-1	NA	NA		Os11g0672300	OsR498G1120704100.01.T05	Protein MID1-COMPLEMENTING ACTIVITY 1
maker-11-augustus-gene-247.5-mRNA-1	NA	NA		0	OsR498G1120704400.01.T01	p-loop nucleoside triphosphate hydrolase superfamily protein with CH (Calp)
maker-11-augustus-gene-247.8-mRNA-1	NA	NA		Os11g0672700	OsR498G1120706200.01.T01	ATP-dependent DNA helicase
maker-11-augustus-gene-248.32-mRNA-1	NA	Japonica	LRR-NBS	Os11g0673900	OsR498G1120709100.01.T03	Putative nucleotide-binding leucine-rich-repeat protein 1
maker-11-augustus-gene-249.0-mRNA-1	NA	NA		Os11g0677500	OsR498G1120716200.01.T01	POPLD domain-containing protein (Fragment)
maker-11-augustus-gene-249.2-mRNA-1	NA	NA		0	OsR498G1120717200.01.T03	POPLD domain-containing protein (Fragment)
maker-11-augustus-gene-25.37-mRNA-1	NA	NA		Os11g0166300		60 kDa jasmonate-induced protein, putative
maker-11-augustus-gene-25.39-mRNA-1	NA	Indica		Os12g0165700	OsR498G1119474600.01.T04	Putative mediator of RNA polymerase II transcription subunit 26c
maker-11-augustus-gene-25.43-mRNA-1	NA	Japonica		Os11g0161033	OsR498G0611509300.01.T02	Ozone-responsive stress related protein
maker-11-augustus-gene-25.45-mRNA-1	NA	NA		0	OsR498G0100693500.01.T01	Transposon protein, putative, Mutator sub-class
maker-11-augustus-gene-250.32-mRNA-1	NA	Indica	CC-Kinase-TM	Os12g0562500	OsR498G1120719100.01.T01	Serine/threonine-protein kinase CTR1
maker-11-augustus-gene-252.38-mRNA-1	NA	NA		Os11g0682300	OsR498G1120728700.01.T06	U2 snRNP auxiliary factor large subunit
maker-11-augustus-gene-252.47-mRNA-1	NA	NA		Os11g0682000		Embryogenesis transmembrane protein-like
maker-11-augustus-gene-252.57-mRNA-1	NA	Japonica	NBS	Os11g0684600	OsR498G1120731800.01.T01	NBS-LRR disease resistance protein homologue-like
maker-11-augustus-gene-253.1-mRNA-1	NA	Indica	NBS-TM	Os11g0684100	OsR498G1120735400.01.T01	NBS-LRR disease resistance protein homologue-like
maker-11-augustus-gene-254.4-mRNA-1	NA	NA		Os11g0687100	OsR498G1120737300.01.T01	von Willebrand factor type A domain-like
maker-11-augustus-gene-256.34-mRNA-1	NA	NA	Kinase-TM	Os11g0695850	OsR498G1120743300.01.T02	Wall-associated receptor kinase
maker-11-augustus-gene-256.36-mRNA-1	NA	NA	Kinase			Major disease resistance protein Xa4
maker-11-augustus-gene-256.48-mRNA-1	NA	NA	Kinase-TM	Os11g0691240	OsR498G1120759300.01.T01	Wall associated kinase-like
maker-11-augustus-gene-259.46-mRNA-1	NA	NA		Os11g0695900	OsR498G1120756600.01.T02	ARM repeat superfamily protein
maker-11-augustus-gene-259.52-mRNA-1	NA	NA		Os10g0186800	OsR498G1221417300.01.T01	
maker-11-augustus-gene-26.4-mRNA-1	NA	NA		0	OsR498G1119549900.01.T02	
maker-11-augustus-gene-26.6-mRNA-1	NA	NA		Os09g0443400	OsR498G0612110800.01.T01	Glycine-rich RNA-binding protein-like
maker-11-augustus-gene-260.0-mRNA-1	NA	Japonica	CC-NBS-TM	Os11g0699100	OsR498G1120757300.01.T01	Disease resistance protein RPP13
maker-11-augustus-gene-261.58-mRNA-1	NA	NA		Os11g0702700		DDE Tnp4 domain-containing protein (Fragment)
maker-11-augustus-gene-261.60-mRNA-1	NA	NA		0	OsR498G1120765700.01.T01	DDE Tnp4 domain-containing protein
maker-11-augustus-gene-261.63-mRNA-1	NA	Indica		Os11g0703500	OsR498G1120766700.01.T01	
maker-11-augustus-gene-261.65-mRNA-1	NA	NA		Os11g0703400	OsR498G1120766200.01.T01	Charged multivesicular body protein 2a

maker-11-augustus-gene-262.42-mRNA-1	NA	NA		Os11g0704000	OsR498G1120768100.01.T01	Selenoprotein H
maker-11-augustus-gene-262.44-mRNA-1	NA	NA		Os11g0704300	OsR498G1120769100.01.T01	Probable GTP-binding protein OBGm, mitochondrial
maker-11-augustus-gene-262.46-mRNA-1	NA	NA		Os11g0704500	OsR498G1120769500.01.T01	Metallothionein-like protein 1, putative, expressed
maker-11-augustus-gene-262.50-mRNA-1	NA	NA		Os11g0704600		Glucan endo-1,3-beta-D-glucosidase
maker-11-augustus-gene-262.53-mRNA-1	NA	NA		Os11g0704700	OsR498G1120770400.01.T02	RRM domain-containing protein (Fragment)
maker-11-augustus-gene-263.11-mRNA-1	NA	NA		Os12g0518200	OsR498G0407561500.01.T01	
maker-11-augustus-gene-263.14-mRNA-1	NA	NA		0	OsR498G0100584200.01.T01	
maker-11-augustus-gene-263.46-mRNA-1	NA	NA		Os11g0587300	OsR498G1120422600.01.T01	VARLMGL domain-containing protein (Fragment)
maker-11-augustus-gene-263.9-mRNA-1	NA	Japonica		Os11g0708900	OsR498G0407560600.01.T01	Phenylalanine ammonia-lyase
maker-11-augustus-gene-27.16-mRNA-1	NA	Indica		Os11g0166800	OsR498G1119474600.01.T02	probable mediator of RNA polymerase II transcription subunit 26c
maker-11-augustus-gene-3.2-mRNA-1	NA	NA		0	OsR498G1119344700.01.T01	
maker-11-augustus-gene-30.28-mRNA-1	NA	Japonica	Kinase-LRR-TM	Os11g0172133	OsR498G1119496900.01.T01	Protein kinase domain containing protein, expressed
maker-11-augustus-gene-31.47-mRNA-1	NA	NA		0	OsR498G0815094500.01.T02	Calcineurin B-like protein 1
maker-11-augustus-gene-31.50-mRNA-1	NA	NA		Os08g0395500	OsR498G0815094500.01.T01	Bidirectional sugar transporter SWEET
maker-11-augustus-gene-32.0-mRNA-1	NA	Indica		Os11g0175500	OsR498G1119504300.01.T02	E3 ubiquitin-protein ligase CHFR
maker-11-augustus-gene-32.12-mRNA-1	NA	NA				
maker-11-augustus-gene-32.16-mRNA-1	NA	Indica		Os02g0793100	OsR498G1119506400.01.T02	Protein TPLATE like
maker-11-augustus-gene-32.5-mRNA-1	NA	NA		Os11g0176000	OsR498G1119506700.01.T01	Dystrophin myotonia WD repeat-containing protein-like
maker-11-augustus-gene-32.7-mRNA-1	NA	NA		Os11g0175000	OsR498G1119502200.01.T01	Beta-fructofuranosidase
maker-11-augustus-gene-32.9-mRNA-1	NA	NA		Os11g0175400	OsR498G1119503600.01.T03	Beta-fructofuranosidase
maker-11-augustus-gene-33.0-mRNA-1	NA	NA		Os11g0176100	OsR498G1119507100.01.T01	Cleavage stimulating factor like
maker-11-augustus-gene-33.14-mRNA-1	NA	NA		Os11g0176200	OsR498G1119507600.01.T02	DEXH-box ATP-dependent RNA helicase DEXH10
maker-11-augustus-gene-33.6-mRNA-1	NA	Indica		Os11g0176300	OsR498G1119507700.01.T03	O-fucosyltransferase family protein (Fragment)
maker-11-augustus-gene-36.54-mRNA-1	NA	Japonica		Os11g0182500	OsR498G1119526200.01.T01	SWI/SNF complex subunit SWI3C-like
maker-11-augustus-gene-38.28-mRNA-1	NA	NA		Os11g0186200	OsR498G1119534500.01.T01	Aldehyde dehydrogenase
maker-11-augustus-gene-38.32-mRNA-1	NA	NA		Os11g0186300	OsR498G1119534700.01.T01	Methyltransferase
maker-11-augustus-gene-38.38-mRNA-1	NA	NA		Os11g0186400	OsR498G1119535000.01.T01	DNA polymerase delta catalytic subunit
maker-11-augustus-gene-39.43-mRNA-1	NA	NA		Os11g0187500	OsR498G1119538700.01.T01	Heat shock 70 kDa protein 3
maker-11-augustus-gene-39.45-mRNA-1	NA	NA		Os11g0186900	OsR498G1119536600.01.T01	1-aminocyclopropane-1-carboxylate oxidase
maker-11-augustus-gene-39.48-mRNA-1	NA	NA		Os11g0187000		WD repeat-containing protein 44
maker-11-augustus-gene-39.49-mRNA-1	NA	NA		0	OsR498G0101916300.01.T01	BED-type domain-containing protein
maker-11-augustus-gene-39.51-mRNA-1	NA	Indica		Os11g0187600	OsR498G1119540600.01.T01	Heat shock 70 kDa protein 3
maker-11-augustus-gene-39.53-mRNA-1	NA	NA		Os11g0187500	OsR498G1119541000.01.T01	Heat shock 70 kDa protein 3
maker-11-augustus-gene-40.1-mRNA-1	NA	NA				Terpene cyclase/mutase family member
maker-11-augustus-gene-44.31-mRNA-1	NA	NA		Os10g0199200		Transposon protein, putative, CACTA, En/Spm sub-class, expressed
maker-11-augustus-gene-5.40-mRNA-1	NA	NA		Os11g0126100	OsR498G1119360200.01.T01	Protein DETOXIFICATION
maker-11-augustus-gene-5.59-mRNA-1	NA	NA		Os02g0530900	OsR498G0203991600.01.T01	
maker-11-augustus-gene-52.50-mRNA-1	NA	NA		0	OsR498G1221160700.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-11-augustus-gene-53.0-mRNA-1	NA	NA				
maker-11-augustus-gene-55.2-mRNA-1	NA	NA				Transposable element protein, putative, MuDR
maker-11-augustus-gene-56.31-mRNA-1	NA	Japonica		Os11g0259700	OsR498G1119728500.01.T01	SAM dependent carboxyl methyltransferase
maker-11-augustus-gene-56.33-mRNA-1	NA	Japonica		Os11g0260100	OsR498G1119728500.01.T01	Salicylic acid methyl transferase
maker-11-augustus-gene-56.43-mRNA-1	NA	NA				Transposable element protein, putative
maker-11-augustus-gene-57.0-mRNA-1	NA	NA		Os07g0651500		AT hook motif-containing protein, putative
maker-11-augustus-gene-58.29-mRNA-1	NA	Indica	Kinase-LRR-TM	Os12g0210400	OsR498G1119698900.01.T01	probable leucine-rich repeat receptor-like protein kinase At5g49770
maker-11-augustus-gene-6.17-mRNA-1	NA	NA		Os12g0124400	OsR498G1119355200.01.T01	
maker-11-augustus-gene-60.6-mRNA-1	NA	NA				TTF-type domain-containing protein (Fragment)
maker-11-augustus-gene-61.54-mRNA-1	NA	Japonica		Os11g0251200	OsR498G1119717400.01.T03	Protein ACCELERATED CELL DEATH 6-like isoform X2
maker-11-augustus-gene-63.10-mRNA-1	NA	NA		0	OsR498G0102056900.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class, expressed
maker-11-augustus-gene-64.0-mRNA-1	NA	NA		0	OsR498G1119563100.01.T01	
maker-11-augustus-gene-64.9-mRNA-1	NA	NA		Os11g0197600	OsR498G1119561000.01.T01	B3 domain-containing protein
maker-11-augustus-gene-65.33-mRNA-1	NA	NA		Os11g0199200	OsR498G1119567600.01.T02	Protein disulfide-isomerase
maker-11-augustus-gene-65.44-mRNA-1	NA	NA		0	OsR498G1119569800.01.T01	Serine/threonine-protein kinase WNK4-like
maker-11-augustus-gene-66.39-mRNA-1	NA	NA		Os11g0200600	OsR498G1119570700.01.T03	F-box domain containing protein, expressed
maker-11-augustus-gene-66.42-mRNA-1	NA	NA		0	OsR498G1119573100.01.T02	F-box domain containing protein, expressed
maker-11-augustus-gene-67.43-mRNA-1	NA	NA		Os06g0272601	OsR498G0204300200.01.T01	dNK domain-containing protein
maker-11-augustus-gene-67.48-mRNA-1	NA	NA				F-box domain, putative
maker-11-augustus-gene-67.59-mRNA-1	NA	NA				Glutamic acid-rich protein, putative (Fragment)
maker-11-augustus-gene-69.35-mRNA-1	NA	NA		Os11g0205500	OsR498G1119581200.01.T01	
maker-11-augustus-gene-69.44-mRNA-1	NA	Indica		Os11g0208400	OsR498G1119575200.01.T01	F-box domain, putative
maker-11-augustus-gene-69.50-mRNA-1	NA	NA		Os11g0206700	OsR498G1119585800.01.T01	Extra-large guanine nucleotide-binding protein like

maker-11-augustus-gene-71.0-mRNA-1	NA	NA		Os11g0208000	OsR498G1119594500.01.T03	F-box domain containing protein, expressed
maker-11-augustus-gene-71.5-mRNA-1	NA	NA		0	OsR498G1119596600.01.T02	F-box family-2
maker-11-augustus-gene-73.0-mRNA-1	NA	Indica		Os06g0614300	OsR498G1119608300.01.T06	TBCC domain-containing protein 1
maker-11-augustus-gene-74.2-mRNA-1	NA	NA	LRR-TM	0	OsR498G1119610600.01.T03	NBS-LRR disease resistance protein family-4
maker-11-augustus-gene-75.0-mRNA-1	NA	NA				
maker-11-augustus-gene-75.2-mRNA-1	NA	NA	Kinase-TM	0	OsR498G1119613600.01.T01	Coatomer beta subunit, putative
maker-11-augustus-gene-8.55-mRNA-1	NA	NA		Os11g0132700	OsR498G1119370400.01.T05	Aladin
maker-11-augustus-gene-80.36-mRNA-1	NA	NA	CC-NBS-TM	Os11g0222900		Putative NB-ARC domain-containing protein (Fragment)
maker-11-augustus-gene-81.0-mRNA-1	NA	Indica		Os07g0179600	OsR498G1119638500.01.T01	Neprosin domain-containing protein (Fragment)
maker-11-augustus-gene-82.2-mRNA-1	NA	NA	Kinase			Retrotransposon protein, putative, LINE subclass
maker-11-augustus-gene-83.3-mRNA-1	NA	Japonica	CC-LRR-NBS-TM	Os11g0227100	OsR498G1119648000.01.T02	NBS-LRR type resistance protein (Fragment)
maker-11-augustus-gene-84.0-mRNA-1	NA	Indica		Os11g0230400	OsR498G1119652500.01.T01	SERPIN domain-containing protein (Fragment)
maker-11-augustus-gene-84.1-mRNA-1	NA	Indica		Os11g0230700	OsR498G1119652700.01.T01	SERPIN domain-containing protein (Fragment)
maker-11-augustus-gene-84.4-mRNA-1	NA	Indica		Os11g0230700	OsR498G1119653900.01.T01	SERPIN domain-containing protein (Fragment)
maker-11-augustus-gene-84.6-mRNA-1	NA	NA		Os11g0231600	OsR498G1119654700.01.T01	F-box domain containing protein, expressed
maker-11-augustus-gene-84.8-mRNA-1	NA	NA	Kinase-LRR-TM	Os11g0232100	OsR498G1119656400.01.T01	Receptor-like protein kinase HSL1
maker-11-augustus-gene-85.26-mRNA-1	NA	NA		0	OsR498G1119655900.01.T01	Serpin (Serine protease inhibitor)
maker-11-augustus-gene-85.28-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G1119660500.01.T01	Leucine-rich repeat receptor-like serine/threonine-protein kinase BAM3
maker-11-augustus-gene-86.0-mRNA-1	NA	NA		Os07g0597400	OsR498G1019078500.01.T01	
maker-11-augustus-gene-86.10-mRNA-1	NA	Indica		Os04g0631200	OsR498G1119664600.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-11-augustus-gene-86.3-mRNA-1	NA	NA		Os11g0234200	OsR498G1119661800.01.T01	PHD domain-containing protein (Fragment)
maker-11-augustus-gene-87.38-mRNA-1	NA	Indica		Os05g0318300	OsR498G1119671000.01.T02	RNase III domain-containing protein (Fragment)
maker-11-augustus-gene-88.8-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-11-augustus-gene-9.6-mRNA-1	NA	Indica		Os12g0131900	OsR498G1119376200.01.T01	Rhamnogalacturonan endolyase
maker-11-augustus-gene-97.14-mRNA-1	NA	NA		Os03g0795500	OsR498G0307198700.01.T04	PITH domain-containing protein (Fragment)
maker-11-augustus-gene-99.0-mRNA-1	NA	NA		0	OsR498G0917954800.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-12-augustus-gene-0.24-mRNA-1	NA	NA		0	OsR498G1220780000.01.T03	Hydroxyproline-rich glycoprotein family protein
maker-12-augustus-gene-0.26-mRNA-1	NA	NA		0	OsR498G1119271000.01.T01	X8 domain-containing protein (Fragment)
maker-12-augustus-gene-0.34-mRNA-1	NA	NA				Pleiotropic drug resistance protein 3
maker-12-augustus-gene-1.12-mRNA-1	NA	NA		0	OsR498G1119277500.01.T02	
maker-12-augustus-gene-1.14-mRNA-1	NA	NA		0	OsR498G1119277500.01.T04	Mitochondrial trans-2-enoyl-CoA reductase
maker-12-augustus-gene-1.18-mRNA-1	NA	NA		Os11g0102600	OsR498G1119277700.01.T01	LisH dimerization motif
maker-12-augustus-gene-1.30-mRNA-1	NA	NA		Os12g0102300	OsR498G1119278000.01.T03	Transcription factor WRKY2
maker-12-augustus-gene-1.34-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G1220789200.01.T06	Leucine-rich repeat protein kinase family protein
maker-12-augustus-gene-1.5-mRNA-1	NA	NA	Kinase-TM			Nonphototropic hypocotyl 1
maker-12-augustus-gene-10.68-mRNA-1	NA	NA				Ethanolamine-phosphate cytidylyltransferase
maker-12-augustus-gene-101.39-mRNA-1	NA	NA		Os12g0271700	OsR498G1221270800.01.T01	Solanesyl-diphosphate synthase 2, chloroplastic
maker-12-augustus-gene-105.31-mRNA-1	NA	NA		Os12g0277400	OsR498G1221297000.01.T01	RING-type E3 ubiquitin transferase
maker-12-augustus-gene-11.29-mRNA-1	NA	NA		0	OsR498G1220858100.01.T01	NAC domain transcription factor
maker-12-augustus-gene-11.36-mRNA-1	NA	Japonica		Os12g0123100	OsR498G1119349400.01.T02	Pentatricopeptide repeat-containing protein, chloroplastic
maker-12-augustus-gene-11.4-mRNA-1	NA	NA		0	OsR498G1220855500.01.T03	Tau class glutathione S-transferase
maker-12-augustus-gene-11.7-mRNA-1	NA	NA		Os12g0123500	OsR498G1220856100.01.T01	GDA1/CD39 family protein, expressed
maker-12-augustus-gene-11.8-mRNA-1	NA	Indica		Os12g0123600	OsR498G1119351300.01.T01	GDA1/CD39 family protein, expressed
maker-12-augustus-gene-110.41-mRNA-1	NA	Japonica		Os12g0284000	OsR498G1221322100.01.T01	Ultraviolet-B receptor UVR8
maker-12-augustus-gene-112.42-mRNA-1	NA	NA		Os12g0288000	OsR498G1221337600.01.T03	
maker-12-augustus-gene-113.42-mRNA-1	NA	NA		0	OsR498G1221342900.01.T03	AAA+ ATPase domain
maker-12-augustus-gene-114.0-mRNA-1	NA	Indica	Kinase	Os05g0511400	OsR498G1221346100.01.T01	Serine/threonine-protein kinase CBK1
maker-12-augustus-gene-114.10-mRNA-1	NA	NA		Os12g0291100	OsR498G1221348500.01.T01	Ribulose biphosphate carboxylase small chain
maker-12-augustus-gene-114.12-mRNA-1	NA	NA		0	OsR498G1221346400.01.T07	Quinolinate synthase, chloroplastic
maker-12-augustus-gene-114.22-mRNA-1	NA	NA				SGF29 C-terminal domain-containing protein
maker-12-augustus-gene-118.0-mRNA-1	NA	NA		0	OsR498G0714235700.01.T01	HGWP repeat containing protein-like
maker-12-augustus-gene-119.19-mRNA-1	NA	NA		Os01g0233400	OsR498G0100488100.01.T04	Chromatin modification-related protein Eaf
maker-12-augustus-gene-12.0-mRNA-1	NA	NA		Os12g0123800	OsR498G1220859100.01.T01	Cup-shaped cotyledon
maker-12-augustus-gene-12.12-mRNA-1	NA	NA	LRR-TM			NB-ARC domain-containing protein
maker-12-augustus-gene-12.14-mRNA-1	NA	NA		Os12g0125000	OsR498G1220863800.01.T01	Myb-like DNA-binding domain containing protein, expressed
maker-12-augustus-gene-12.16-mRNA-1	NA	NA		Os12g0125300	OsR498G1220865000.01.T01	BUB1 N-terminal domain-containing protein (Fragment)
maker-12-augustus-gene-12.17-mRNA-1	NA	NA		Os12g0125300	OsR498G1220865000.01.T01	BUB1 N-terminal domain-containing protein (Fragment)
maker-12-augustus-gene-12.2-mRNA-1	NA	Indica		Os12g0124000	OsR498G1220859700.01.T02	FHA domain containing protein, expressed
maker-12-augustus-gene-12.20-mRNA-1	NA	NA		Os12g0125400	OsR498G1220865200.01.T01	Homoserine dehydrogenase
maker-12-augustus-gene-12.27-mRNA-1	NA	NA		Os11g0126100	OsR498G1119359600.01.T01	Protein DETOXIFICATION
maker-12-augustus-gene-12.6-mRNA-1	NA	NA		Os12g0123900	OsR498G1220859400.01.T03	

maker-12-augustus-gene-120.28-mRNA-1	NA	NA		Os01g0233400	OsR498G0100488100.01.T04	Chromatin modification-related protein Eaf
maker-12-augustus-gene-120.32-mRNA-1	NA	NA		Os01g0233500	OsR498G0100487800.01.T02	Cyclin N-terminal domain-containing protein (Fragment)
maker-12-augustus-gene-120.37-mRNA-1	NA	NA		Os01g0233500	OsR498G0100487800.01.T02	Cyclin N-terminal domain-containing protein (Fragment)
maker-12-augustus-gene-123.0-mRNA-1	NA	NA		Os08g0158900	OsR498G0815236600.01.T02	Nucleolar GTP-binding protein 1
maker-12-augustus-gene-123.3-mRNA-1	NA	NA		Os08g0158600	OsR498G0815236300.01.T01	
maker-12-augustus-gene-125.29-mRNA-1	NA	NA		Os12g0405200	OsR498G1221366900.01.T02	15-cis-zeta-carotene isomerase
maker-12-augustus-gene-126.2-mRNA-1	NA	NA				Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and protein-tyrosin
maker-12-augustus-gene-127.42-mRNA-1	NA	NA		Os12g0409700	OsR498G1221377600.01.T01	ABC transporter domain-containing protein (Fragment)
maker-12-augustus-gene-129.27-mRNA-1	NA	NA		Os12g0411700	OsR498G1221382800.01.T01	ABC transporter domain-containing protein
maker-12-augustus-gene-13.37-mRNA-1	NA	NA		Os12g0126200	OsR498G1220868300.01.T03	ELMO domain-containing protein A
maker-12-augustus-gene-13.44-mRNA-1	NA	NA		Os12g0127100	OsR498G1220869900.01.T02	RING-type E3 ubiquitin transferase
maker-12-augustus-gene-13.49-mRNA-1	NA	NA		Os12g0127500	OsR498G1220870900.01.T01	
maker-12-augustus-gene-13.51-mRNA-1	NA	NA		Os11g0126100	OsR498G1119360200.01.T01	MatE family protein, expressed
maker-12-augustus-gene-13.58-mRNA-1	NA	NA		Os05g0269800		Transposon protein, putative, CACTA, En/Spm sub-class
maker-12-augustus-gene-13.64-mRNA-1	NA	NA		Os12g0126000	OsR498G1220867600.01.T01	Protein DETOXIFICATION
maker-12-augustus-gene-13.70-mRNA-1	NA	NA		0	OsR498G1220868200.01.T01	GDSL-like Lipase/Acylhydrolase family protein, expressed
maker-12-augustus-gene-13.73-mRNA-1	NA	Japonica		Os12g0126300	OsR498G1220868600.01.T01	Ethylene-responsive transcription factor WRI1
maker-12-augustus-gene-13.76-mRNA-1	NA	NA		Os12g0126800	OsR498G1220869400.01.T02	CID domain-containing protein
maker-12-augustus-gene-13.82-mRNA-1	NA	Indica		Os11g0130200	OsR498G1220869600.01.T01	CID domain-containing protein
maker-12-augustus-gene-13.84-mRNA-1	NA	NA		Os12g0127400	OsR498G1220870800.01.T03	FBD domain-containing protein
maker-12-augustus-gene-13.88-mRNA-1	NA	NA		Os12g0127600	OsR498G1220871400.01.T02	Ulp1 protease family C-terminal catalytic domain containing protein express
maker-12-augustus-gene-132.38-mRNA-1	NA	NA		Os12g0414900		Tyrosyl-DNA phosphodiesterase
maker-12-augustus-gene-135.7-mRNA-1	NA	NA		0	OsR498G1221413100.01.T02	Tyrosine-protein phosphatase DSP1
maker-12-augustus-gene-140.0-mRNA-1	NA	Japonica		Os12g0428000	OsR498G1221432700.01.T01	Rhodanese domain-containing protein (Fragment)
maker-12-augustus-gene-140.21-mRNA-1	NA	NA		Os12g0428700	OsR498G1221433900.01.T01	
maker-12-augustus-gene-140.4-mRNA-1	NA	NA				Autophagy-related protein 101
maker-12-augustus-gene-141.27-mRNA-1	NA	NA		Os12g0430500	OsR498G1221435100.01.T01	DC-STAMP domain-containing protein 2 (Fragment)
maker-12-augustus-gene-141.31-mRNA-1	NA	NA		Os12g0429200	OsR498G1221434400.01.T01	Beta-galactosidase 15
maker-12-augustus-gene-141.34-mRNA-1	NA	NA		Os12g0429200	OsR498G1221434400.01.T01	Beta-galactosidase 9
maker-12-augustus-gene-142.37-mRNA-1	NA	NA		Os12g0431700	OsR498G1221441100.01.T01	VWFA domain-containing protein
maker-12-augustus-gene-142.39-mRNA-1	NA	NA		Os09g0258900		Far-red impaired response-like
maker-12-augustus-gene-142.41-mRNA-1	NA	NA				Protein transport protein Sec24-like protein isoform X2
maker-12-augustus-gene-142.47-mRNA-1	NA	NA		0	OsR498G0407881700.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-12-augustus-gene-142.51-mRNA-1	NA	NA		Os12g0431300	OsR498G1221440200.01.T01	Protein kinase domain-containing protein
maker-12-augustus-gene-143.24-mRNA-1	NA	NA		Os09g0258800	OsR498G0102499100.01.T01	
maker-12-augustus-gene-143.28-mRNA-1	NA	NA		0	OsR498G0407890700.01.T01	
maker-12-augustus-gene-144.28-mRNA-1	NA	NA				Transposon protein, putative, CACTA, En/Spm sub-class
maker-12-augustus-gene-144.29-mRNA-1	NA	NA		Os09g0443400	OsR498G0612110800.01.T01	Glycine-rich RNA-binding protein-like
maker-12-augustus-gene-147.0-mRNA-1	NA	Japonica		Os12g0433700	OsR498G0305782200.01.T01	Negatively light-regulated protein, putative, expressed
maker-12-augustus-gene-147.6-mRNA-1	NA	NA	Kinase-TM	Os12g0433500	OsR498G1221451200.01.T03	serine/threonine-protein kinase TIO
maker-12-augustus-gene-148.23-mRNA-1	NA	NA		Os12g0434400	OsR498G1221453900.01.T01	Putative aminopeptidase of the M17 family
maker-12-augustus-gene-161.32-mRNA-1	NA	NA				Retrotransposon protein, putative, unclassified
maker-12-augustus-gene-168.0-mRNA-1	NA	Japonica		Os12g0456700	OsR498G0816414100.01.T04	Glycerophosphodiester phosphodiesterase
maker-12-augustus-gene-17.36-mRNA-1	NA	Indica		Os12g0134000	OsR498G1220895100.01.T03	Pyruvate carboxyltransferase domain-containing protein (Fragment)
maker-12-augustus-gene-17.42-mRNA-1	NA	NA		Os12g0134200	OsR498G1220895400.01.T01	ARM repeat superfamily protein
maker-12-augustus-gene-17.48-mRNA-1	NA	NA		Os12g0133900	OsR498G1220894600.01.T03	U3 small nucleolar ribonucleoprotein protein MPP10
maker-12-augustus-gene-17.69-mRNA-1	NA	NA		Os12g0133900	OsR498G1220894600.01.T01	U3 small nucleolar ribonucleoprotein protein MPP10
maker-12-augustus-gene-17.73-mRNA-1	NA	NA		Os12g0134200	OsR498G1220895400.01.T01	1-phosphatidylinositol-4-phosphate 5-kinase
maker-12-augustus-gene-17.76-mRNA-1	NA	NA		Os12g0134000	OsR498G1220895100.01.T03	hydroxymethylglutaryl-CoA lyase, mitochondrial-like isoform X2
maker-12-augustus-gene-175.32-mRNA-1	NA	NA	CC-NBS-TM	Os12g0467300		NB-ARC domain containing protein, expressed
maker-12-augustus-gene-176.30-mRNA-1	NA	NA	NBS-TM			Putative NB-ARC domain-containing protein (Fragment)
maker-12-augustus-gene-176.31-mRNA-1	NA	NA		Os12g0468600	OsR498G1221572900.01.T01	5-methylthioadenosine/S-adenosylhomocysteine deaminase-like isoform X1
maker-12-augustus-gene-18.35-mRNA-1	NA	Indica		Os12g0124000	OsR498G1220859700.01.T02	FHA domain containing protein, expressed
maker-12-augustus-gene-18.42-mRNA-1	NA	NA		Os12g0134000	OsR498G1220895100.01.T03	Hydroxymethylglutaryl-CoA lyase mitochondrial
maker-12-augustus-gene-18.48-mRNA-1	NA	NA	LRR-TM			NB-ARC domain-containing protein
maker-12-augustus-gene-18.50-mRNA-1	NA	NA		0	OsR498G1220995600.01.T01	PHD-type domain-containing protein
maker-12-augustus-gene-18.53-mRNA-1	NA	NA		0	OsR498G1220995600.01.T01	PHD-type domain-containing protein
maker-12-augustus-gene-18.56-mRNA-1	NA	NA		Os12g0133900	OsR498G1220894600.01.T03	U3 small nucleolar ribonucleoprotein protein MPP10
maker-12-augustus-gene-19.52-mRNA-1	NA	NA		Os08g0343300	OsR498G1119384700.01.T01	Transcription initiation factor IIE subunit alpha
maker-12-augustus-gene-19.62-mRNA-1	NA	Indica		Os11g0137300	OsR498G1220895400.01.T01	proteasome-associated protein ECM29 homolog
maker-12-augustus-gene-197.0-mRNA-1	NA	NA	NBS-TM	0	OsR498G1221658300.01.T01	NB-ARC domain containing protein, expressed

maker-12-augustus-gene-198.16-mRNA-1	NA	NA		Os12g0499200		Protein kinase domain-containing protein
maker-12-augustus-gene-2.46-mRNA-1	NA	Japonica		Os12g0102900	OsR498G1119279500.01.T02	Putative E3 ubiquitin-protein ligase rbrA
maker-12-augustus-gene-2.57-mRNA-1	NA	Indica		Os12g0104200	OsR498G1220792700.01.T01	
maker-12-augustus-gene-2.66-mRNA-1	NA	NA		Os12g0104300	OsR498G1220794300.01.T01	Double CLP-N motif-containing P-loop nucleoside triphosphate hydrolases s
maker-12-augustus-gene-2.69-mRNA-1	NA	Japonica		Os12g0102700	OsR498G1220790000.01.T01	EF-hand domain-containing protein
maker-12-augustus-gene-2.78-mRNA-1	NA	NA		Os11g0103700	OsR498G1119280200.01.T01	S-adenosylmethionine mitochondrial carrier
maker-12-augustus-gene-2.83-mRNA-1	NA	NA		0	OsR498G1119281400.01.T03	
maker-12-augustus-gene-206.34-mRNA-1	NA	Indica	CC-NBS-TM	Os12g0511400	OsR498G1221704000.01.T02	NB-ARC domain containing protein, expressed
maker-12-augustus-gene-211.44-mRNA-1	NA	NA				PHD finger family protein isoform 1
maker-12-augustus-gene-216.39-mRNA-1	NA	Indica		Os12g0533400	OsR498G1221756300.01.T01	Rho GTPase-activating protein gacA
maker-12-augustus-gene-216.41-mRNA-1	NA	NA		Os12g0533700	OsR498G1221757300.01.T01	Phenylalanyl-tRNA synthetase
maker-12-augustus-gene-216.46-mRNA-1	NA	NA		0	OsR498G1221756600.01.T02	Fibronectin type-III domain-containing protein (Fragment)
maker-12-augustus-gene-216.50-mRNA-1	NA	NA		Os12g0533600	OsR498G1221757200.01.T02	DNA-directed RNA polymerases
maker-12-augustus-gene-216.53-mRNA-1	NA	NA		Os12g0533800	OsR498G1221757600.01.T04	Mitochondrial carrier protein, expressed
maker-12-augustus-gene-216.57-mRNA-1	NA	Indica		Os01g0375200	OsR498G1221758000.01.T05	Shikimate biosynthesis protein aroDE
maker-12-augustus-gene-216.63-mRNA-1	NA	NA		Os12g0534100	OsR498G1221758800.01.T01	Auxin response factor
maker-12-augustus-gene-216.65-mRNA-1	NA	NA		Os12g0534200	OsR498G1221759000.01.T01	Acyl carrier protein 1, chloroplastic
maker-12-augustus-gene-217.38-mRNA-1	NA	Indica		Os12g0536200	OsR498G1221765500.01.T02	Sgf11 (Transcriptional regulation protein) protein
maker-12-augustus-gene-217.44-mRNA-1	NA	NA		Os11g0500100		HAT dimerization domain-containing protein / transposase-related
maker-12-augustus-gene-217.47-mRNA-1	NA	Japonica		Os12g0535400	OsR498G0305726100.01.T03	AB hydrolase-1 domain-containing protein
maker-12-augustus-gene-217.50-mRNA-1	NA	Japonica		Os12g0535600	OsR498G1221764600.01.T01	rRNA N-glycosidase
maker-12-augustus-gene-218.43-mRNA-1	NA	NA		Os10g0549900		HAT dimerisation domain-containing protein-like
maker-12-augustus-gene-218.45-mRNA-1	NA	NA		0	OsR498G1120483500.01.T01	L10-interacting MYB domain-containing protein-like
maker-12-augustus-gene-218.47-mRNA-1	NA	NA		Os10g0549900		HAT dimerisation domain-containing protein-like
maker-12-augustus-gene-218.48-mRNA-1	NA	NA		Os11g0500100		HAT dimerization domain-containing protein / transposase-related
maker-12-augustus-gene-218.55-mRNA-1	NA	NA		Os12g0538300	OsR498G1221772300.01.T02	Component of oligomeric Golgi complex 8
maker-12-augustus-gene-218.61-mRNA-1	NA	NA		Os12g0538500	OsR498G1221773300.01.T01	E3 ubiquitin-protein ligase MIEL1
maker-12-augustus-gene-218.66-mRNA-1	NA	NA		Os12g0538100	OsR498G1221771400.01.T01	rRNA-processing protein FYV7
maker-12-augustus-gene-219.31-mRNA-1	NA	NA				Acyl-CoA-binding domain-containing protein 4
maker-12-augustus-gene-219.41-mRNA-1	NA	Indica		Os01g0630700	OsR498G1221780100.01.T02	AT hook motif-containing protein, putative
maker-12-augustus-gene-219.46-mRNA-1	NA	NA		Os03g0855700	OsR498G0102324800.01.T02	DUF223 domain-containing protein
maker-12-augustus-gene-219.47-mRNA-1	NA	Indica		Os03g0855700	OsR498G1221780300.01.T02	DUF223 domain-containing protein
maker-12-augustus-gene-219.54-mRNA-1	NA	NA		Os12g0538900	OsR498G1221775200.01.T01	Golgin candidate like
maker-12-augustus-gene-219.59-mRNA-1	NA	Indica		Os12g0539800	OsR498G1221780600.01.T01	
maker-12-augustus-gene-22.34-mRNA-1	NA	NA		0	OsR498G1119556100.01.T01	Transposon mutator sub-class
maker-12-augustus-gene-220.27-mRNA-1	NA	NA		Os12g0540800	OsR498G1221784900.01.T04	Acyl-CoA-binding domain-containing protein 4-like isoform X2
maker-12-augustus-gene-220.31-mRNA-1	NA	NA		0	OsR498G1221787500.01.T03	Respiratory burst oxidase isogeny protein B
maker-12-augustus-gene-220.36-mRNA-1	NA	NA		Os12g0541400	OsR498G1221787700.01.T01	Uveal autoantigen with coiled-coil domains and ankyrin repeats isoform 4
maker-12-augustus-gene-220.43-mRNA-1	NA	NA		Os12g0540900	OsR498G1221785200.01.T01	Tryptophanyl-tRNA synthetase
maker-12-augustus-gene-221.0-mRNA-1	NA	NA		0	OsR498G0407881700.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-12-augustus-gene-222.0-mRNA-1	NA	NA		0	OsR498G1221803000.01.T03	
maker-12-augustus-gene-223.27-mRNA-1	NA	NA		Os12g0543600	OsR498G1221807500.01.T01	DAO domain-containing protein
maker-12-augustus-gene-223.29-mRNA-1	NA	NA				NAM-associated domain-containing protein
maker-12-augustus-gene-224.33-mRNA-1	NA	NA		0	OsR498G1221821300.01.T01	FBD domain-containing protein (Fragment)
maker-12-augustus-gene-225.0-mRNA-1	NA	NA		Os12g0546800	OsR498G1221833900.01.T01	Expansin
maker-12-augustus-gene-225.2-mRNA-1	NA	NA				p-loop nucleoside triphosphate hydrolase superfamily protein with CH (Calp
maker-12-augustus-gene-225.7-mRNA-1	NA	NA		0	OsR498G1221837800.01.T01	Calmodulin-binding protein 60 C
maker-12-augustus-gene-226.0-mRNA-1	NA	NA		Os12g0548300	OsR498G1221839300.01.T01	Nucleoside diphosphate kinase
maker-12-augustus-gene-226.10-mRNA-1	NA	Indica		Os12g0551200	OsR498G1221848400.01.T01	Patatin
maker-12-augustus-gene-226.4-mRNA-1	NA	NA		Os12g0548200	OsR498G1221839000.01.T01	Auxilin-related protein 1
maker-12-augustus-gene-226.8-mRNA-1	NA	NA				
maker-12-augustus-gene-227.29-mRNA-1	NA	Indica		Os03g0393900	OsR498G1221850700.01.T01	Patatin
maker-12-augustus-gene-227.31-mRNA-1	NA	Indica		Os07g0267400	OsR498G1221850900.01.T02	Hydroxyproline-rich glycoprotein-like protein
maker-12-augustus-gene-227.32-mRNA-1	NA	NA		Os12g0551900	OsR498G1221850900.01.T02	Hydroxyproline-rich glycoprotein-like protein
maker-12-augustus-gene-227.43-mRNA-1	NA	NA				Pentatricopeptide repeat-containing protein (Fragment)
maker-12-augustus-gene-227.45-mRNA-1	NA	Japonica		Os12g0552400	OsR498G1221852400.01.T03	Fiber protein Fb19
maker-12-augustus-gene-227.47-mRNA-1	NA	NA		Os12g0552500	OsR498G1221852400.01.T03	Fiber protein Fb19
maker-12-augustus-gene-228.29-mRNA-1	NA	Indica		Os12g0552700	OsR498G1221853700.01.T01	F-box/LRR-repeat protein 3-like isoform X2
maker-12-augustus-gene-228.32-mRNA-1	NA	Japonica		Os12g0552800	OsR498G1221854300.01.T01	Glycoside hydrolase family 114 protein (Fragment)
maker-12-augustus-gene-228.39-mRNA-1	NA	NA		Os12g0554800	OsR498G1221861300.01.T01	Polygalacturonase
maker-12-augustus-gene-228.43-mRNA-1	NA	NA		Os12g0555000	OsR498G1221861500.01.T01	

maker-12-augustus-gene-228.45-mRNA-1	NA	NA		Os12g0555100	OsR498G1221862100.01.T01	Major allergen Api g 1, isoallergen 1-like
maker-12-augustus-gene-228.48-mRNA-1	NA	NA	CC-LRR-NBS-TM	Os12g0516300	OsR498G1221855600.01.T01	NB-ARC domain containing protein, expressed
maker-12-augustus-gene-228.50-mRNA-1	NA	NA		Os12g0516800	OsR498G1221857800.01.T03	Trichome birefringence-like 16
maker-12-augustus-gene-228.55-mRNA-1	NA	NA		Os12g0554400	OsR498G1221858600.01.T01	Trafficking protein particle complex II-specific subunit like
maker-12-augustus-gene-228.61-mRNA-1	NA	Japonica		Os12g0554500	OsR498G1221858800.01.T02	Mono-/di-acylglycerol lipase N-terminal
maker-12-augustus-gene-229.0-mRNA-1	NA	NA		Os12g0555200	OsR498G1221862700.01.T01	Major allergen Api g 1, isoallergen 1-like
maker-12-augustus-gene-229.2-mRNA-1	NA	Indica		Os12g0555300	OsR498G1221863100.01.T01	
maker-12-augustus-gene-230.5-mRNA-1	NA	Japonica		Os12g0558400	OsR498G1221868900.01.T02	FBD domain-containing protein (Fragment)
maker-12-augustus-gene-232.31-mRNA-1	NA	Indica		Os12g0559200	OsR498G1221876500.01.T01	Lipoxygenase
maker-12-augustus-gene-233.14-mRNA-1	NA	Japonica		Os12g0562700	OsR498G1221885500.01.T01	Multidrug resistance-associated protein3
maker-12-augustus-gene-233.19-mRNA-1	NA	NA		Os12g0562900	OsR498G1221885700.01.T01	Prefoldin subunit 3
maker-12-augustus-gene-233.5-mRNA-1	NA	NA		0	OsR498G1221883500.01.T01	Phosphoinositide phospholipase C
maker-12-augustus-gene-233.9-mRNA-1	NA	NA	CC-Kinase	Os12g0562500	OsR498G1221884500.01.T01	Putative serine/threonine-protein kinase roco5
maker-12-augustus-gene-234.55-mRNA-1	NA	NA				GDSL esterase/lipase
maker-12-augustus-gene-234.57-mRNA-1	NA	NA		Os12g0563400	OsR498G1221887900.01.T04	Rhodanese-like domain-containing protein 6
maker-12-augustus-gene-234.62-mRNA-1	NA	NA		Os12g0563500	OsR498G1221888100.01.T01	Metallopeptidase family M24 containing protein, expressed
maker-12-augustus-gene-234.70-mRNA-1	NA	NA		Os12g0564400	OsR498G1221891300.01.T01	Photosystem II PsbP, oxygen evolving complex
maker-12-augustus-gene-234.77-mRNA-1	NA	NA		0	OsR498G1221887400.01.T01	Mitochondrial ribosomal protein MRP17
maker-12-augustus-gene-234.83-mRNA-1	NA	NA		0	OsR498G1221890200.01.T01	Transcription factor MYB21
maker-12-augustus-gene-234.86-mRNA-1	NA	NA		Os12g0564600	OsR498G1221891600.01.T01	Nuclear export mediator factor Nemf like
maker-12-augustus-gene-234.92-mRNA-1	NA	NA	NBS-TM	Os12g0564800	OsR498G1221892000.01.T02	NB-ARC domain containing protein expressed
maker-12-augustus-gene-236.86-mRNA-1	NA	Indica		Os12g0571000	OsR498G1221901600.01.T01	Zinc knuckle family protein, expressed
maker-12-augustus-gene-236.88-mRNA-1	NA	NA		Os12g0571100	OsR498G1221902200.01.T01	Metallothionein-like protein 1, putative, expressed
maker-12-augustus-gene-239.34-mRNA-1	NA	Japonica		Os12g0573700	OsR498G1221920100.01.T01	
maker-12-augustus-gene-239.36-mRNA-1	NA	Japonica		Os12g0573800	OsR498G1221920100.01.T01	
maker-12-augustus-gene-241.35-mRNA-1	NA	NA				RRM domain-containing protein
maker-12-augustus-gene-241.38-mRNA-1	NA	NA		Os12g0577100	OsR498G1221929100.01.T03	Putative RNA-binding protein 46 isoform X2
maker-12-augustus-gene-241.51-mRNA-1	NA	NA		Os12g0577600	OsR498G1221932100.01.T04	Protein ENHANCED DISEASE RESISTANCE like
maker-12-augustus-gene-241.71-mRNA-1	NA	NA		Os12g0576900	OsR498G1221928800.01.T01	Diacylglycerol kinase
maker-12-augustus-gene-241.74-mRNA-1	NA	Indica	Kinase-TM	Os02g0559300	OsR498G1221932600.01.T02	Protein kinase domain containing protein, expressed
maker-12-augustus-gene-242.34-mRNA-1	NA	NA		Os12g0578200	OsR498G1221935500.01.T01	Chorismate mutase
maker-12-augustus-gene-242.36-mRNA-1	NA	NA		Os12g0578300	OsR498G1221935700.01.T01	Muscle M-line assembly protein unc-89-like
maker-12-augustus-gene-242.38-mRNA-1	NA	NA		Os12g0578400	OsR498G1221936100.01.T01	heparanase-like protein 2 isoform X2
maker-12-augustus-gene-242.43-mRNA-1	NA	NA		Os12g0579000	OsR498G1221937900.01.T01	RNA polymerase-associated protein LEO1
maker-12-augustus-gene-242.52-mRNA-1	NA	NA		0	OsR498G1221938700.01.T01	BED zinc finger family protein
maker-12-augustus-gene-242.53-mRNA-1	NA	NA		Os12g0577800	OsR498G1221932800.01.T01	Signal recognition particle SEC65 subunit (Fragment)
maker-12-augustus-gene-242.55-mRNA-1	NA	NA		Os12g0578500	OsR498G1221936400.01.T01	Hexosyltransferase
maker-12-augustus-gene-242.58-mRNA-1	NA	NA		Os12g0578800		Zinc finger C2H2 type family protein expressed
maker-12-augustus-gene-243.0-mRNA-1	NA	NA		Os12g0580300	OsR498G1221943900.01.T04	TATA-box-binding protein isoform B
maker-12-augustus-gene-244.29-mRNA-1	NA	NA		Os12g0581700	OsR498G1221950700.01.T01	MAR-binding filament-like protein 1 isoform 1
maker-12-augustus-gene-244.32-mRNA-1	NA	NA		Os12g0581800	OsR498G1221951100.01.T01	Cyclin N-terminal domain-containing protein (Fragment)
maker-12-augustus-gene-244.37-mRNA-1	NA	Indica		Os11g0432900	OsR498G1221949000.01.T02	Serine carboxypeptidase-like 5
maker-12-augustus-gene-244.40-mRNA-1	NA	NA		Os12g0581600	OsR498G1221949800.01.T01	Metal transporter Nramp6
maker-12-augustus-gene-244.42-mRNA-1	NA	NA		Os12g0581900	OsR498G1221951400.01.T01	Zinc finger protein 7
maker-12-augustus-gene-244.43-mRNA-1	NA	Japonica		Os12g0582000	OsR498G1221952800.01.T01	Cytochrome P450 family protein, expressed
maker-12-augustus-gene-244.46-mRNA-1	NA	NA		Os12g0582600		TFIIIS N-terminal domain-containing protein (Fragment)
maker-12-augustus-gene-244.48-mRNA-1	NA	NA		Os12g0582700	OsR498G1221956000.01.T01	Isoflavone 2'-hydroxylase
maker-12-augustus-gene-245.26-mRNA-1	NA	NA		Os12g0582800	OsR498G1221956500.01.T01	Early-responsive to dehydration protein, putative, expressed
maker-12-augustus-gene-245.32-mRNA-1	NA	NA		Os12g0583400	OsR498G1221958100.01.T02	Low-density lipoprotein receptor-related 2
maker-12-augustus-gene-245.37-mRNA-1	NA	NA		Os12g0583900	OsR498G1221960500.01.T11	Nucleobase-ascorbate transporter like
maker-12-augustus-gene-245.42-mRNA-1	NA	NA		Os12g0583000	OsR498G1221957400.01.T01	
maker-12-augustus-gene-245.47-mRNA-1	NA	NA		Os12g0583500	OsR498G1221958400.01.T02	BTB/POZ domain-containing protein NPY4-like
maker-12-augustus-gene-247.0-mRNA-1	NA	Indica	CC-LRR-NBS-TM	Os12g0586000	OsR498G1221987100.01.T02	RPW8 domain-containing protein
maker-12-augustus-gene-247.13-mRNA-1	NA	NA	Kinase-TM	Os12g0586100	OsR498G1221987400.01.T01	Serine/threonine-protein kinase SAPK10
maker-12-augustus-gene-25.13-mRNA-1	NA	NA		0	OsR498G1220940200.01.T01	Retrotransposon protein, putative, unclassified, expressed
maker-12-augustus-gene-251.37-mRNA-1	NA	Indica		Os12g0593000	OsR498G1222022200.01.T02	Guanine nucleotide-binding protein alpha-2 subunit
maker-12-augustus-gene-252.0-mRNA-1	NA	NA				SHR-BD domain-containing protein
maker-12-augustus-gene-252.15-mRNA-1	NA	NA		Os12g0594700		F-box domain containing protein, expressed
maker-12-augustus-gene-252.9-mRNA-1	NA	NA	Kinase-TM	Os12g0594300	OsR498G1222027100.01.T01	Serine/threonine-protein kinase CTR1
maker-12-augustus-gene-253.29-mRNA-1	NA	NA		Os12g0595500	OsR498G1222031600.01.T01	
maker-12-augustus-gene-253.31-mRNA-1	NA	Indica		Os12g0595600	OsR498G1222031800.01.T01	Skp1 domain-containing protein

maker-12-augustus-gene-253.6-mRNA-1	NA	NA		Os12g0596800	OsR498G1222034100.01.T01	LIM and UIM domain-containing
maker-12-augustus-gene-254.37-mRNA-1	NA	NA				BHLH domain-containing protein
maker-12-augustus-gene-254.39-mRNA-1	NA	NA		Os05g0269800	OsR498G0409509300.01.T01	DDE Tnp4 domain-containing protein
maker-12-augustus-gene-255.48-mRNA-1	NA	NA		Os12g0599900	OsR498G1222046700.01.T05	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit B
maker-12-augustus-gene-255.52-mRNA-1	NA	NA		Os12g0599900	OsR498G1222046700.01.T05	Ankyrin repeat, PH and SEC7 domain containing protein secG
maker-12-augustus-gene-255.54-mRNA-1	NA	NA		0	OsR498G1222048100.01.T02	Pyridoxal kinase
maker-12-augustus-gene-255.60-mRNA-1	NA	Indica		Os12g0600200	OsR498G1222047000.01.T01	E3 ubiquitin protein ligase DRIP2
maker-12-augustus-gene-256.11-mRNA-1	NA	NA		0	OsR498G1222052100.01.T01	Basic leucine zipper 25
maker-12-augustus-gene-256.18-mRNA-1	NA	NA		Os12g0601300	OsR498G1222050600.01.T01	Auxin-responsive protein IAA30
maker-12-augustus-gene-256.9-mRNA-1	NA	NA		Os12g0601400	OsR498G1222051500.01.T01	Auxin-responsive protein IAA31
maker-12-augustus-gene-257.24-mRNA-1	NA	Indica		Os12g0603300	OsR498G1222057600.01.T01	AP2 domain containing protein, expressed
maker-12-augustus-gene-258.0-mRNA-1	NA	Japonica		Os12g0604500	OsR498G1222064900.01.T01	IQ calmodulin-binding motif family protein, expressed
maker-12-augustus-gene-258.13-mRNA-1	NA	Indica		Os03g0635800	OsR498G1222064000.01.T01	Expressed protein (With alternative splicing)
maker-12-augustus-gene-258.16-mRNA-1	NA	NA	Kinase	Os12g0604700	OsR498G1222065800.01.T02	Serine/threonine-protein kinase Nek2
maker-12-augustus-gene-258.21-mRNA-1	NA	NA		Os12g0604800	OsR498G1222066600.01.T01	Heat shock protein STI
maker-12-augustus-gene-258.24-mRNA-1	NA	NA		0	OsR498G1222067000.01.T02	NAB domain-containing protein
maker-12-augustus-gene-258.26-mRNA-1	NA	NA		Os12g0605300	OsR498G1222068600.01.T01	CRC domain-containing protein (Fragment)
maker-12-augustus-gene-258.29-mRNA-1	NA	NA		Os12g0605400	OsR498G1222069000.01.T01	UBC core domain-containing protein (Fragment)
maker-12-augustus-gene-258.32-mRNA-1	NA	NA		Os12g0605500	OsR498G1222069200.01.T03	CRC domain-containing protein TSO1
maker-12-augustus-gene-258.7-mRNA-1	NA	NA		Os12g0605800	OsR498G1222069300.01.T01	Methylcrotonoyl-CoA carboxylase subunit alpha
maker-12-augustus-gene-259.14-mRNA-1	NA	NA		Os12g0606600	OsR498G1222072300.01.T02	HORMA domain containing protein, expressed
maker-12-augustus-gene-259.19-mRNA-1	NA	NA		0	OsR498G1222073100.01.T03	Sentrin/sumo-specific protease
maker-12-augustus-gene-259.2-mRNA-1	NA	NA	Kinase-TM	Os12g0606000		Lectin protein kinase, putative, expressed
maker-12-augustus-gene-259.20-mRNA-1	NA	NA		Os12g0607000	OsR498G1222073500.01.T01	Hcy-binding domain-containing protein
maker-12-augustus-gene-259.21-mRNA-1	NA	NA		Os12g0607100	OsR498G1222073700.01.T01	Protein-synthesizing GTPase
maker-12-augustus-gene-259.5-mRNA-1	NA	NA		Os02g0523300	OsR498G0203961600.01.T02	Gamma-tubulin complex component
maker-12-augustus-gene-259.58-mRNA-1	NA	Indica		Os05g0497700	OsR498G1222074600.01.T04	
maker-12-augustus-gene-260.56-mRNA-1	NA	Indica	Kinase-TM	Os12g0608500	OsR498G1222073900.01.T01	Protein kinase-like resistance protein (Fragment)
maker-12-augustus-gene-266.0-mRNA-1	NA	NA		0	OsR498G1222118700.01.T01	Molecular chaperone DnaK
maker-12-augustus-gene-266.13-mRNA-1	NA	NA		Os12g0618300	OsR498G1222119800.01.T01	CP-type G domain-containing protein (Fragment)
maker-12-augustus-gene-266.17-mRNA-1	NA	NA		Os12g0618400	OsR498G1222120200.01.T01	CP-type G domain-containing protein
maker-12-augustus-gene-266.2-mRNA-1	NA	NA		Os12g0617800	OsR498G1222118000.01.T02	K efflux antiporter
maker-12-augustus-gene-266.8-mRNA-1	NA	NA		Os12g0617900	OsR498G1222118200.01.T01	Serine/threonine-protein phosphatase
maker-12-augustus-gene-267.0-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G1222125700.01.T01	EF-TU receptor
maker-12-augustus-gene-267.10-mRNA-1	NA	NA		0	OsR498G1222126600.01.T03	MBD domain-containing protein (Fragment)
maker-12-augustus-gene-267.12-mRNA-1	NA	NA		Os12g0620600	OsR498G1222127200.01.T02	C2 NT-type domain-containing protein
maker-12-augustus-gene-267.2-mRNA-1	NA	NA		Os12g0618600	OsR498G1222120400.01.T02	CCAAT-binding transcription factor B
maker-12-augustus-gene-267.7-mRNA-1	NA	NA		Os12g0619000	OsR498G1222122200.01.T01	IQ calmodulin-binding motif family protein, expressed
maker-12-augustus-gene-27.41-mRNA-1	NA	NA		Os12g0152100	OsR498G1220951300.01.T01	Putative dihydrolipoylysine-residue acetyltransferase
maker-12-augustus-gene-273.54-mRNA-1	NA	NA		0	OsR498G1222155600.01.T01	UDP-glucose-fructose-phosphate glucosyltransferase
maker-12-augustus-gene-274.2-mRNA-1	NA	NA		Os12g0632700	OsR498G1222160800.01.T01	Malate dehydrogenase
maker-12-augustus-gene-274.9-mRNA-1	NA	NA		Os01g0946800		Ulp1 protease family, C-terminal catalytic domain containing protein
maker-12-augustus-gene-275.0-mRNA-1	NA	NA		Os07g0103100	OsR498G0713362700.01.T01	Glutamate receptor
maker-12-augustus-gene-275.15-mRNA-1	NA	NA				DDRCK domain-containing protein 1
maker-12-augustus-gene-275.7-mRNA-1	NA	NA		Os11g0661600	OsR498G0713365500.01.T01	Peroxidase
maker-12-augustus-gene-276.38-mRNA-1	NA	NA		Os07g0105200	OsR498G0713368700.01.T01	
maker-12-augustus-gene-276.40-mRNA-1	NA	NA		Os07g0105600	OsR498G0713369300.01.T01	Photosynthetic NDH subunit of luminal location 3 chloroplastic
maker-12-augustus-gene-276.42-mRNA-1	NA	NA	LRR	Os07g0106100	OsR498G0713370900.01.T01	Dynein assembly factor 1, axonemal
maker-12-augustus-gene-276.46-mRNA-1	NA	NA		0	OsR498G0713372100.01.T01	
maker-12-augustus-gene-276.48-mRNA-1	NA	NA		Os07g0105700	OsR498G0713369200.01.T01	Kinesin-like protein KIN-14N
maker-12-augustus-gene-276.55-mRNA-1	NA	NA		Os07g0106000	OsR498G0713370800.01.T01	Metallophos domain-containing protein
maker-12-augustus-gene-276.59-mRNA-1	NA	NA		Os07g0106200	OsR498G0713371200.01.T02	Sugar carrier protein C
maker-12-augustus-gene-276.61-mRNA-1	NA	NA		0	OsR498G0713372400.01.T01	
maker-12-augustus-gene-277.29-mRNA-1	NA	NA		Os07g0107900	OsR498G0713375100.01.T01	Strictosidine synthase 1
maker-12-augustus-gene-277.31-mRNA-1	NA	NA				WD-40 repeat protein-like
maker-12-augustus-gene-277.36-mRNA-1	NA	NA		Os07g0108100	OsR498G0713375700.01.T05	Senescence-specific cysteine protease SAG39
maker-12-augustus-gene-277.39-mRNA-1	NA	NA		Os07g0108200	OsR498G0713376000.01.T01	Protein DETOXIFICATION
maker-12-augustus-gene-277.43-mRNA-1	NA	NA		Os07g0108300	OsR498G0713376200.01.T01	Glutamate-glyoxylate aminotransferase
maker-12-augustus-gene-277.49-mRNA-1	NA	NA		Os07g0108400		Alanine amino transferase8
maker-12-augustus-gene-277.51-mRNA-1	NA	NA		Os07g0108500	OsR498G0713377000.01.T01	Alanine amino transferase8
maker-12-augustus-gene-277.53-mRNA-1	NA	NA		Os07g0108900	OsR498G0713378400.01.T03	MADS-box transcription factor 15

maker-12-augustus-gene-278.0-mRNA-1	NA	NA		0	OsR498G0713381900.01.T01	FCP1 homology domain-containing protein (Fragment)
maker-12-augustus-gene-278.12-mRNA-1	NA	NA		0	OsR498G0713384500.01.T01	
maker-12-augustus-gene-278.16-mRNA-1	NA	NA		Os07g0110300	OsR498G0713385500.01.T02	Adrenodoxin-like protein 2 mitochondrial
maker-12-augustus-gene-278.20-mRNA-1	NA	NA		0	OsR498G0713385700.01.T01	Sister chromatid cohesion protein (Fragment)
maker-12-augustus-gene-278.27-mRNA-1	NA	NA		Os07g0110500	OsR498G0713386100.01.T01	
maker-12-augustus-gene-278.30-mRNA-1	NA	NA		Os07g0109500	OsR498G0713382600.01.T01	Ribosomal protein L13a
maker-12-augustus-gene-278.33-mRNA-1	NA	Indica		Os12g0579000	OsR498G0713382800.01.T01	RNA polymerase-associated protein LEO1
maker-12-augustus-gene-278.42-mRNA-1	NA	NA		Os07g0109700	OsR498G0713383000.01.T01	
maker-12-augustus-gene-278.44-mRNA-1	NA	NA		Os07g0110600	OsR498G0713386600.01.T01	
maker-12-augustus-gene-278.5-mRNA-1	NA	NA		Os07g0109400	OsR498G0713382300.01.T01	VARLMGL domain-containing protein
maker-12-augustus-gene-278.8-mRNA-1	NA	NA		Os07g0109800	OsR498G0713383100.01.T01	
maker-12-augustus-gene-279.48-mRNA-1	NA	NA		Os07g0110900	OsR498G0713388300.01.T01	
maker-12-augustus-gene-279.51-mRNA-1	NA	NA				
maker-12-augustus-gene-279.55-mRNA-1	NA	NA		Os07g0111600	OsR498G0713391900.01.T01	Purple acid phosphatase
maker-12-augustus-gene-279.57-mRNA-1	NA	NA		Os07g0112100	OsR498G0713394500.01.T04	Flavin-containing monooxygenase
maker-12-augustus-gene-279.59-mRNA-1	NA	NA		Os07g0110800	OsR498G0713388200.01.T01	
maker-12-augustus-gene-279.61-mRNA-1	NA	NA		Os07g0111400	OsR498G0713390000.01.T01	WRKY transcription factor 4
maker-12-augustus-gene-28.0-mRNA-1	NA	Japonica		Os12g0152500	OsR498G1220951300.01.T01	AB hydrolase-1 domain-containing protein (Fragment)
maker-12-augustus-gene-28.12-mRNA-1	NA	NA		Os12g0152600	OsR498G1220953200.01.T03	2-methoxy-6-polyprenyl-1,4-benzoquinol methylase, mitochondrial
maker-12-augustus-gene-28.14-mRNA-1	NA	Indica		Os12g0152700	OsR498G1220953400.01.T02	ACT domain-containing protein isoform 1
maker-12-augustus-gene-28.19-mRNA-1	NA	NA		Os12g0152900	OsR498G1220954200.01.T01	Transcription factor TGAL11
maker-12-augustus-gene-28.25-mRNA-1	NA	NA		Os12g0154600	OsR498G1220960000.01.T03	TPT domain-containing protein
maker-12-augustus-gene-28.4-mRNA-1	NA	NA		Os12g0153500	OsR498G1220958500.01.T01	Bifunctional monodehydroascorbate reductase and carbonic anhydrase nec
maker-12-augustus-gene-28.9-mRNA-1	NA	NA		0	OsR498G1220952600.01.T01	C2H2-type domain-containing protein
maker-12-augustus-gene-280.0-mRNA-1	NA	NA		Os07g0112800	OsR498G0713396500.01.T06	Eukaryotic translation initiation factor 5A
maker-12-augustus-gene-280.12-mRNA-1	NA	NA		0	OsR498G0713398500.01.T01	
maker-12-augustus-gene-280.14-mRNA-1	NA	NA		Os07g0112400		3'-5' exonuclease domain-containing protein
maker-12-augustus-gene-280.15-mRNA-1	NA	NA		Os07g0112700	OsR498G0713396200.01.T02	Phytoeyanin domain-containing protein (Fragment)
maker-12-augustus-gene-280.17-mRNA-1	NA	NA		Os07g0113200	OsR498G0713397600.01.T02	
maker-12-augustus-gene-280.20-mRNA-1	NA	NA				FBD domain-containing protein
maker-12-augustus-gene-280.30-mRNA-1	NA	NA		Os07g0114000	OsR498G0713401800.01.T01	Protein-serine/threonine phosphatase
maker-12-augustus-gene-280.6-mRNA-1	NA	NA		0	OsR498G0713397700.01.T01	
maker-12-augustus-gene-280.9-mRNA-1	NA	NA		Os07g0111001	OsR498G0713398300.01.T01	
maker-12-augustus-gene-281.0-mRNA-1	NA	NA		Os07g0114300	OsR498G0713402900.01.T03	C2 domain-containing protein
maker-12-augustus-gene-281.10-mRNA-1	NA	NA	LRR-TM	Os07g0115400		LRR receptor-like serine/threonine-protein kinase FLS2
maker-12-augustus-gene-281.15-mRNA-1	NA	NA	Kinase-TM	Os07g0114400	OsR498G0713403200.01.T01	CK2 protein kinase alpha 4
maker-12-augustus-gene-281.20-mRNA-1	NA	NA		0	OsR498G0713405400.01.T01	
maker-12-augustus-gene-281.22-mRNA-1	NA	NA		Os07g0115200	OsR498G0713405600.01.T01	
maker-12-augustus-gene-281.23-mRNA-1	NA	NA		Os07g0115700		Retrotransposon protein, putative, LINE subclass
maker-12-augustus-gene-281.3-mRNA-1	NA	NA		Os07g0114500	OsR498G0713403700.01.T01	
maker-12-augustus-gene-281.6-mRNA-1	NA	NA		0	OsR498G0713404100.01.T01	
maker-12-augustus-gene-281.8-mRNA-1	NA	NA		Os07g0115300	OsR498G0713405700.01.T01	Peroxidase
maker-12-augustus-gene-282.38-mRNA-1	NA	NA				Cyclic nucleotide-binding domain-containing protein
maker-12-augustus-gene-282.45-mRNA-1	NA	NA		Os04g0559100	OsR498G04090663900.01.T02	PRONE domain
maker-12-augustus-gene-282.50-mRNA-1	NA	NA		Os04g0559700	OsR498G0409066100.01.T01	Aquaporin
maker-12-augustus-gene-282.53-mRNA-1	NA	NA		Os04g0557800	OsR498G04090662200.01.T01	Anthocyanin regulatory R-S protein-like
maker-12-augustus-gene-282.56-mRNA-1	NA	NA		Os04g0558500	OsR498G04090662800.01.T01	
maker-12-augustus-gene-282.58-mRNA-1	NA	NA		Os04g0559200	OsR498G04090664200.01.T01	DUF4378 domain-containing protein (Fragment)
maker-12-augustus-gene-282.60-mRNA-1	NA	NA		Os04g0559400	OsR498G04090665000.01.T01	Branched-chain-amino-acid aminotransferase
maker-12-augustus-gene-282.64-mRNA-1	NA	NA	Kinase	Os04g0559800	OsR498G0409066400.01.T05	Putative MAPKKK family protein kinase isoform 1
maker-12-augustus-gene-283.0-mRNA-1	NA	NA		Os04g0560200	OsR498G0409067100.01.T01	Thioredoxin
maker-12-augustus-gene-283.10-mRNA-1	NA	NA		Os04g0560700	OsR498G0409068300.01.T01	
maker-12-augustus-gene-283.12-mRNA-1	NA	NA		Os04g0561000	OsR498G0409068700.01.T01	Mechanosensitive ion channel protein 6
maker-12-augustus-gene-283.15-mRNA-1	NA	NA		Os04g0561500	OsR498G0409069500.01.T04	Prolyl oligopeptidase
maker-12-augustus-gene-283.20-mRNA-1	NA	NA		Os04g0561600	OsR498G0409069700.01.T04	Coiled-coil domain-containing protein 124
maker-12-augustus-gene-283.22-mRNA-1	NA	NA		Os04g0562000	OsR498G0409070900.01.T05	S-acyltransferase
maker-12-augustus-gene-283.28-mRNA-1	NA	NA		Os05g0269800	OsR498G04090509300.01.T01	DDE Tnp4 domain-containing protein
maker-12-augustus-gene-283.33-mRNA-1	NA	NA		Os04g0560300	OsR498G0409067400.01.T01	Histone lysine-specific demethylase
maker-12-augustus-gene-283.35-mRNA-1	NA	NA	Kinase-TM	Os04g0560600	OsR498G0409068000.01.T01	Calcium-dependent protein kinase
maker-12-augustus-gene-283.39-mRNA-1	NA	NA		Os04g0561200	OsR498G0409069000.01.T01	Cellular retinaldehyde-binding/triple function
maker-12-augustus-gene-283.4-mRNA-1	NA	NA		0	OsR498G0409067700.01.T05	Amine oxidase

maker-12-augustus-gene-283.41-mRNA-1	NA	NA		Os04g0561700	OsR498G0409070000.01.T03	tRNA pseudouridine(55) synthase
maker-12-augustus-gene-283.48-mRNA-1	NA	NA		0	OsR498G0409070600.01.T01	GDSL esterase/lipase
maker-12-augustus-gene-283.50-mRNA-1	NA	NA		Os04g0562100	OsR498G0409071200.01.T02	Lysine histidine transporter 7
maker-12-augustus-gene-284.28-mRNA-1	NA	NA		Os04g0562800		DUF632 domain-containing protein
maker-12-augustus-gene-284.32-mRNA-1	NA	NA		0	OsR498G0409074700.01.T03	DUF295 domain-containing protein
maker-12-augustus-gene-284.34-mRNA-1	NA	NA		0	OsR498G0409073800.01.T02	O-fucosyltransferase family protein (Fragment)
maker-12-augustus-gene-284.38-mRNA-1	NA	NA		Os02g0670000	OsR498G0409074600.01.T02	Transmembrane protein 184C (Fragment)
maker-12-augustus-gene-284.41-mRNA-1	NA	NA	Kinase-TM			Mitogen-activated protein kinase pmk-2 (inferred by orthology to a C. elegans protein)
maker-12-augustus-gene-284.44-mRNA-1	NA	NA				Cyclin N-terminal domain-containing protein
maker-12-augustus-gene-284.50-mRNA-1	NA	NA				SSD domain-containing protein
maker-12-augustus-gene-285.1-mRNA-1	NA	NA		Os04g0564300	OsR498G1222106000.01.T03	
maker-12-augustus-gene-285.12-mRNA-1	NA	NA		0	OsR498G0409079500.01.T02	Ser/Thr-rich protein T10 in DGCR region
maker-12-augustus-gene-285.15-mRNA-1	NA	NA		Os04g0564600	OsR498G0409079700.01.T04	High mobility group box protein 2
maker-12-augustus-gene-285.18-mRNA-1	NA	NA		Os04g0565400	OsR498G0409082100.01.T02	Glycosyltransferase
maker-12-augustus-gene-285.2-mRNA-1	NA	NA		Os04g0564200	OsR498G0409079100.01.T03	TPX2 domain-containing protein
maker-12-augustus-gene-285.20-mRNA-1	NA	NA	Kinase-TM	Os04g0563900	OsR498G0409078000.01.T02	probable serine/threonine-protein kinase PIX13
maker-12-augustus-gene-285.22-mRNA-1	NA	NA		Os04g0564000	OsR498G0409078800.01.T01	RWP-RK domain-containing protein
maker-12-augustus-gene-285.26-mRNA-1	NA	NA		Os04g0564700	OsR498G0409080000.01.T02	Syntaxin-binding protein 5
maker-12-augustus-gene-286.14-mRNA-1	NA	NA		0	OsR498G0409083900.01.T02	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin
maker-12-augustus-gene-286.20-mRNA-1	NA	NA		Os04g0565900	OsR498G0409083600.01.T03	Transcription factor bHLH111 isoform A
maker-12-augustus-gene-286.24-mRNA-1	NA	NA				Piwi domain-containing protein
maker-12-augustus-gene-287.0-mRNA-1	NA	NA		Os04g0566600	OsR498G0409089300.01.T01	Putative Myb family transcription factor
maker-12-augustus-gene-287.12-mRNA-1	NA	NA				Gamma-tubulin complex component
maker-12-augustus-gene-287.15-mRNA-1	NA	NA		Os04g0567200	OsR498G0409090800.01.T03	Aluminum-activated malate transporter
maker-12-augustus-gene-287.3-mRNA-1	NA	NA		Os04g0567700	OsR498G0409092500.01.T01	ORMDL family
maker-12-augustus-gene-287.6-mRNA-1	NA	NA		0	OsR498G0409090000.01.T02	Spc97 / Spc98 family of spindle pole body (SBP) component
maker-12-augustus-gene-288.102-mRNA-1	NA	NA		Os02g0523300	OsR498G0203961600.01.T02	Gamma-tubulin complex component
maker-12-augustus-gene-288.111-mRNA-1	NA	NA		0	OsR498G0409098600.01.T03	MHD2 domain-containing protein
maker-12-augustus-gene-288.114-mRNA-1	NA	NA		Os04g0568900	OsR498G0409099000.01.T01	Putative RING zinc finger domain superfamily protein
maker-12-augustus-gene-288.118-mRNA-1	NA	NA		Os04g0569100	OsR498G0409099800.01.T02	Homeobox-leucine zipper protein ROC5
maker-12-augustus-gene-288.120-mRNA-1	NA	NA				NAM-associated domain-containing protein
maker-12-augustus-gene-288.123-mRNA-1	NA	NA	Kinase-TM	Os12g0606000		Lectin protein kinase, putative, expressed
maker-12-augustus-gene-288.80-mRNA-1	NA	NA		Os04g0568400	OsR498G0409097500.01.T01	WD repeat-containing protein 44
maker-12-augustus-gene-288.86-mRNA-1	NA	NA		Os04g0569000	OsR498G0409099500.01.T01	Replication factor C subunit 4
maker-12-augustus-gene-288.88-mRNA-1	NA	NA		Os12g0543600	OsR498G1221807500.01.T01	DAO domain-containing protein
maker-12-augustus-gene-288.90-mRNA-1	NA	NA	Kinase-TM	Os12g0606000		Lectin protein kinase, putative, expressed
maker-12-augustus-gene-288.93-mRNA-1	NA	NA		Os02g0523300	OsR498G0203961600.01.T02	Gamma-tubulin complex component
maker-12-augustus-gene-29.0-mRNA-1	NA	NA		Os04g0530400	OsR498G1220960500.01.T01	SNARE-complex protein Syntaxin-18 N-terminal
maker-12-augustus-gene-29.11-mRNA-1	NA	NA		0	OsR498G1220964700.01.T02	Nuclear receptor coactivator 6-like
maker-12-augustus-gene-29.14-mRNA-1	NA	NA		Os12g0154700	OsR498G1220961400.01.T01	Germin-like protein 12-1
maker-12-augustus-gene-29.16-mRNA-1	NA	NA		Os12g0154800	OsR498G1220962000.01.T01	Germin-like protein 12-2
maker-12-augustus-gene-29.18-mRNA-1	NA	NA		Os12g0154900	OsR498G1220962200.01.T01	Germin-like protein 8-8
maker-12-augustus-gene-29.20-mRNA-1	NA	Indica		Os11g0153400	OsR498G1220963800.01.T02	Rho GTPase-activating protein gacA
maker-12-augustus-gene-3.103-mRNA-1	NA	NA		Os11g0106400	OsR498G1119292600.01.T02	E1 ubiquitin-activating enzyme
maker-12-augustus-gene-3.35-mRNA-1	NA	NA		Os12g0104700	OsR498G1220795300.01.T01	Protein trichome birefringence-like 28
maker-12-augustus-gene-3.40-mRNA-1	NA	NA		0	OsR498G1119287500.01.T03	Clathrin heavy chain
maker-12-augustus-gene-3.43-mRNA-1	NA	NA		0	OsR498G1220795500.01.T05	Clathrin heavy chain
maker-12-augustus-gene-30.0-mRNA-1	NA	NA		Os12g0156400	OsR498G1220970700.01.T01	mRNA-decapping enzyme-like protein isoform X1
maker-12-augustus-gene-30.11-mRNA-1	NA	NA		Os08g0487300	OsR498G0816350400.01.T01	Transposon protein, putative, Mutator sub-class
maker-12-augustus-gene-30.14-mRNA-1	NA	Indica		Os12g0157000	OsR498G1220973000.01.T01	TF-B3 domain-containing protein (Fragment)
maker-12-augustus-gene-30.16-mRNA-1	NA	NA		Os12g0157200	OsR498G1220974400.01.T03	TLDC domain-containing protein (Fragment)
maker-12-augustus-gene-30.6-mRNA-1	NA	Indica		Os11g0155500	OsR498G1220972100.01.T01	Amino acid permease family protein, expressed
maker-12-augustus-gene-30.9-mRNA-1	NA	Japonica		Os12g0157700	OsR498G1220975700.01.T01	
maker-12-augustus-gene-31.0-mRNA-1	NA	Indica		Os12g0158600	OsR498G1220981300.01.T01	
maker-12-augustus-gene-31.5-mRNA-1	NA	NA		Os12g0158800	OsR498G1220982600.01.T01	E2F-DP-type transcription factor (Fragment)
maker-12-augustus-gene-32.45-mRNA-1	NA	NA		Os12g0160900		
maker-12-augustus-gene-32.47-mRNA-1	NA	Japonica		Os12g0159700	OsR498G1220985400.01.T01	Retrotransposon protein, putative, unclassified, expressed
maker-12-augustus-gene-32.51-mRNA-1	NA	NA		Os12g0160200	OsR498G1220986800.01.T01	Large proline-rich protein BAG6-like
maker-12-augustus-gene-33.12-mRNA-1	NA	NA				Putative serine/threonine-protein kinase WNK9
maker-12-augustus-gene-33.5-mRNA-1	NA	Indica		Os12g0161700	OsR498G1220995600.01.T01	PHD-finger family protein expressed (Fragment)
maker-12-augustus-gene-37.20-mRNA-1	NA	NA				NAM-associated domain-containing protein

maker-12-augustus-gene-4.46-mRNA-1	NA	NA		Os12g0106500	OsR498G1220801500.01.T01	Nodulin-like domain-containing protein (Fragment)
maker-12-augustus-gene-4.50-mRNA-1	NA	NA				Protein DETOXIFICATION
maker-12-augustus-gene-4.63-mRNA-1	NA	NA		Os12g0108000	OsR498G1220805900.01.T01	Laccase
maker-12-augustus-gene-4.66-mRNA-1	NA	NA		Os12g0106550	OsR498G1220802000.01.T01	4-hydroxyphenylpyruvate dioxygenase
maker-12-augustus-gene-42.4-mRNA-1	NA	NA		Os12g0180600		
maker-12-augustus-gene-43.0-mRNA-1	NA	NA				
maker-12-augustus-gene-43.10-mRNA-1	NA	NA				Protein kinase domain-containing protein
maker-12-augustus-gene-43.6-mRNA-1	NA	Japonica		Os12g0180833	OsR498G0409083600.01.T03	
maker-12-augustus-gene-43.8-mRNA-1	NA	NA	Kinase-TM	0	OsR498G1221046200.01.T01	Protein kinase protein with adenine nucleotide alpha hydrolase-like domain
maker-12-augustus-gene-43.9-mRNA-1	NA	NA	Kinase-TM	0	OsR498G1221046200.01.T01	Proline-rich receptor-like protein kinase PERK13
maker-12-augustus-gene-45.31-mRNA-1	NA	NA		0	OsR498G0510234300.01.T01	GRF zinc finger family protein, expressed
maker-12-augustus-gene-5.18-mRNA-1	NA	NA	Kinase-TM	Os12g0108100	OsR498G1220806200.01.T01	Putative serine/threonine-protein kinase
maker-12-augustus-gene-54.38-mRNA-1	NA	NA		Os01g0346501		Hydroxyproline-rich glycoprotein-like
maker-12-augustus-gene-56.0-mRNA-1	NA	Japonica		Os12g0202700	OsR498G1221094300.01.T02	Putative inactive methyltransferase
maker-12-augustus-gene-56.2-mRNA-1	NA	Japonica		Os12g0202800	OsR498G1221094300.01.T02	Putative inactive methyltransferase
maker-12-augustus-gene-56.6-mRNA-1	NA	NA		Os12g0203200		
maker-12-augustus-gene-58.24-mRNA-1	NA	NA		Os06g0598500		Ribulose bispophosphate carboxylase large chain
maker-12-augustus-gene-6.14-mRNA-1	NA	NA		Os11g0112200	OsR498G1220817300.01.T01	Peroxidase
maker-12-augustus-gene-6.25-mRNA-1	NA	NA		Os12g0112300	OsR498G1220818700.01.T05	ADP,ATP carrier protein (Fragment)
maker-12-augustus-gene-6.35-mRNA-1	NA	NA		0	OsR498G1220814400.01.T03	DRBM domain-containing protein
maker-12-augustus-gene-6.39-mRNA-1	NA	NA		Os12g0110000	OsR498G1220814600.01.T02	Regulatory-associated protein of TOR 1
maker-12-augustus-gene-6.67-mRNA-1	NA	Japonica		Os12g0111900	OsR498G1119310800.01.T01	Biogenesis of lysosome-related organelles complex 1 subunit 1
maker-12-augustus-gene-60.60-mRNA-1	NA	NA		Os07g0485900		Transposable element protein, putative, MuDR
maker-12-augustus-gene-63.0-mRNA-1	NA	NA		Os09g0443400	OsR498G0612110800.01.T01	Glycine-rich RNA-binding protein-like
maker-12-augustus-gene-63.1-mRNA-1	NA	NA				Transposon protein, putative, CACTA, En/Spm sub-class
maker-12-augustus-gene-67.20-mRNA-1	NA	NA		Os03g0154300	OsR498G1119934800.01.T01	
maker-12-augustus-gene-67.22-mRNA-1	NA	NA		Os12g0217300	OsR498G1221121400.01.T01	
maker-12-augustus-gene-68.37-mRNA-1	NA	NA		Os12g0222500		Chitinase
maker-12-augustus-gene-7.13-mRNA-1	NA	NA		Os11g0114700	OsR498G1220847100.01.T02	Nucleotidyltransferase family protein, putative, expressed
maker-12-augustus-gene-73.27-mRNA-1	NA	NA		0	OsR498G1221155300.01.T01	PGG domain-containing protein
maker-12-augustus-gene-75.7-mRNA-1	NA	NA		Os12g0233400	OsR498G1221166100.01.T06	C2H2-type domain-containing protein (Fragment)
maker-12-augustus-gene-8.63-mRNA-1	NA	NA		Os12g0116000	OsR498G1220842300.01.T01	Vacuolar-sorting receptor 1
maker-12-augustus-gene-81.28-mRNA-1	NA	Indica		Os12g0242700	OsR498G1221198900.01.T04	Beta-ketoacyl-acyl carrier protein reductase
maker-12-augustus-gene-84.0-mRNA-1	NA	Japonica	CC-NBS-TM	Os12g0246700	OsR498G0407486900.01.T01	NB-ARC domain containing protein, expressed
maker-12-augustus-gene-85.0-mRNA-1	NA	NA		0	OsR498G0612461700.01.T02	
maker-12-augustus-gene-87.0-mRNA-1	NA	Japonica		Os12g0535400	OsR498G0305726100.01.T03	AB hydrolase-1 domain-containing protein
maker-12-augustus-gene-87.1-mRNA-1	NA	NA		Os12g0535400	OsR498G1221763400.01.T07	AB hydrolase-1 domain-containing protein
maker-12-augustus-gene-87.6-mRNA-1	NA	NA		Os12g0250900		BRCT domain-containing protein
maker-12-augustus-gene-89.25-mRNA-1	NA	NA				MULE domain-containing protein
maker-12-augustus-gene-9.34-mRNA-1	NA	NA		Os12g0117800	OsR498G1119331000.01.T02	NAM-associated domain-containing protein
maker-12-augustus-gene-9.8-mRNA-1	NA	Japonica		Os12g0118400	OsR498G0713610100.01.T02	Potassium uptake channel
maker-12-augustus-gene-9.9-mRNA-1	NA	Japonica		Os12g0118400	OsR498G1119332100.01.T03	2-hydroxy-6-oxononadienedioate/2-hydroxy-6- oxononatrienedioate hydrolase
maker-12-augustus-gene-90.48-mRNA-1	NA	NA		Os12g0255200		Staphylococcal-like nuclease CAN1
maker-12-augustus-gene-93.3-mRNA-1	NA	NA		Os08g0514800		Ptta/En/Spm family plant transposase
maker-12-augustus-gene-95.34-mRNA-1	NA	NA		Os12g0263900		
maker-12-augustus-gene-95.53-mRNA-1	NA	NA				Cyprosin
maker-2-augustus-gene-0.0-mRNA-1	NA	NA		Os02g0100300	OsR498G0202797100.01.T02	Hsp70-interacting protein 1
maker-2-augustus-gene-0.11-mRNA-1	NA	NA		Os02g0100100	OsR498G0202796800.01.T01	Protein disulfide-isomerase
maker-2-augustus-gene-0.15-mRNA-1	NA	NA		Os02g0100200	OsR498G0202797000.01.T03	Enhancer of polycomb-like protein
maker-2-augustus-gene-0.18-mRNA-1	NA	NA		Os02g0101000	OsR498G0202799600.01.T06	Transmembrane amino acid transporter
maker-2-augustus-gene-0.5-mRNA-1	NA	NA		Os02g0100700	OsR498G0202798900.01.T05	Aldehyde dehydrogenase
maker-2-augustus-gene-1.37-mRNA-1	NA	NA		Os02g0101100	OsR498G0202800100.01.T01	Translation initiation factor
maker-2-augustus-gene-1.40-mRNA-1	NA	Indica		Os02g0101400	OsR498G0202801700.01.T02	GDSL esterase/lipase
maker-2-augustus-gene-1.60-mRNA-1	NA	NA				Hydroxypyruvate reductase
maker-2-augustus-gene-1.74-mRNA-1	NA	NA				Kinesin-like protein KIN-6 isoform X4
maker-2-augustus-gene-10.36-mRNA-1	NA	NA		Os02g0118400	OsR498G0202854500.01.T01	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2, 3-sialyltransferase 1
maker-2-augustus-gene-10.48-mRNA-1	NA	NA				Disease resistance protein RGA2
maker-2-augustus-gene-10.50-mRNA-1	NA	NA	NBS-TM			Putative disease resistance protein RGA4
maker-2-augustus-gene-10.55-mRNA-1	NA	NA		Os02g0119200	OsR498G0202858300.01.T01	Acetate/butyrate--CoA ligase AAE7, peroxisomal
maker-2-augustus-gene-10.57-mRNA-1	NA	NA		Os02g0119300	OsR498G0202858500.01.T01	Zn-dependent exopeptidase superfamily protein
maker-2-augustus-gene-10.63-mRNA-1	NA	NA		0	OsR498G0202859900.01.T01	E3 ubiquitin-protein ligase UBR3 (Fragment)

maker-2-augustus-gene-10.65-mRNA-1	NA	NA		Os02g0119800	OsR498G0202860500.01.T03	Choline/ethanolaminephosphotransferase 1
maker-2-augustus-gene-10.68-mRNA-1	NA	NA		0	OsR498G0202860500.01.T02	GDSL esterase/lipase
maker-2-augustus-gene-10.70-mRNA-1	NA	NA		0	OsR498G0202854800.01.T01	
maker-2-augustus-gene-10.72-mRNA-1	NA	NA		0	OsR498G0202858200.01.T01	AUGMIN subunit 4
maker-2-augustus-gene-10.77-mRNA-1	NA	NA		Os02g0119400	OsR498G0202859000.01.T03	Syntaxin-52
maker-2-augustus-gene-10.84-mRNA-1	NA	NA		Os02g0120000	OsR498G0202860800.01.T06	Smr domain-containing protein (Fragment)
maker-2-augustus-gene-10.86-mRNA-1	NA	NA	Kinase-TM	Os02g0120100	OsR498G0202861000.01.T04	Serine/threonine-protein kinase STY46
maker-2-augustus-gene-101.49-mRNA-1	NA	NA		0	OsR498G0203400800.01.T03	CRC domain-containing protein
maker-2-augustus-gene-102.0-mRNA-1	NA	NA		Os02g0277600	OsR498G0203408300.01.T02	Adrenodoxin-NADP(+) reductase
maker-2-augustus-gene-102.18-mRNA-1	NA	NA		Os02g0276900	OsR498G0203406200.01.T05	Transcription factor bHLH68
maker-2-augustus-gene-102.24-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0203410200.01.T02	Putative leucine-rich repeat receptor-like protein kinase
maker-2-augustus-gene-107.34-mRNA-1	NA	NA	Kinase-LRR-TM	Os02g0283800	OsR498G0203424500.01.T01	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1, putative, exp
maker-2-augustus-gene-107.42-mRNA-1	NA	NA		Os02g0285300	OsR498G0203429800.01.T01	Developmentally regulated plasma membrane polypeptide
maker-2-augustus-gene-107.44-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0203430400.01.T02	serine/threonine-protein kinase RHS3
maker-2-augustus-gene-108.0-mRNA-1	NA	NA		Os02g0285800	OsR498G0203431100.01.T03	Elongation factor family protein isoform 1
maker-2-augustus-gene-108.10-mRNA-1	NA	NA		Os02g0286933		
maker-2-augustus-gene-108.14-mRNA-1	NA	NA	LRR-NBS-TM	Os02g0286700		Putative stripe rust resistance protein Yr10
maker-2-augustus-gene-108.17-mRNA-1	NA	NA		Os02g0287000	OsR498G0203436600.01.T01	
maker-2-augustus-gene-108.7-mRNA-1	NA	Indica		Os03g0711650	OsR498G0203433300.01.T01	AT hook motif family protein, expressed
maker-2-augustus-gene-109.44-mRNA-1	NA	NA		Os02g0288100	OsR498G0203439000.01.T01	Pectinesterase
maker-2-augustus-gene-109.48-mRNA-1	NA	Indica		Os02g0288733	OsR498G0203440600.01.T01	ABC transporter C family member 3
maker-2-augustus-gene-11.0-mRNA-1	NA	NA		Os02g0120300	OsR498G0202862500.01.T01	Methyltransferase-like protein 23
maker-2-augustus-gene-11.11-mRNA-1	NA	NA		Os02g0121700	OsR498G0202869300.01.T01	Linalool synthase, chloroplastic
maker-2-augustus-gene-11.14-mRNA-1	NA	NA		Os02g0121800	OsR498G0202869500.01.T01	Succinate dehydrogenase subunit 3
maker-2-augustus-gene-11.15-mRNA-1	NA	Indica		Os02g0120400	OsR498G0202862800.01.T02	Actin-binding transcription modulator
maker-2-augustus-gene-11.19-mRNA-1	NA	NA		Os02g0120500	OsR498G0202863200.01.T01	Transcription factor ABORTED MICROSPORES
maker-2-augustus-gene-11.22-mRNA-1	NA	NA		Os02g0120800	OsR498G0202863800.01.T02	Rac-like GTP-binding protein ARAC3
maker-2-augustus-gene-11.25-mRNA-1	NA	NA		Os02g0120900	OsR498G0202864000.01.T01	Methenyltetrahydrofolate cyclohydrolase
maker-2-augustus-gene-11.27-mRNA-1	NA	NA		Os02g0121000	OsR498G0202864400.01.T01	Glutamyl-tRNA synthetase
maker-2-augustus-gene-11.34-mRNA-1	NA	NA		Os02g0121200	OsR498G0202865800.01.T02	U6 small nuclear RNA (adenine-(43)-N(6))-methyltransferase
maker-2-augustus-gene-11.38-mRNA-1	NA	NA		0	OsR498G0202867600.01.T01	
maker-2-augustus-gene-11.41-mRNA-1	NA	Japonica		Os02g0121500	OsR498G0202867800.01.T01	
maker-2-augustus-gene-11.5-mRNA-1	NA	NA		Os02g0120600	OsR498G0202863500.01.T01	UBC core domain-containing protein (Fragment)
maker-2-augustus-gene-110.0-mRNA-1	NA	NA		Os02g0290400	OsR498G0203449900.01.T01	Nucleolar essential protein-related
maker-2-augustus-gene-110.12-mRNA-1	NA	NA		Os02g0290500	OsR498G0203450200.01.T01	Phosphatidylinositol 4-kinase type 2-beta
maker-2-augustus-gene-110.14-mRNA-1	NA	Indica		Os02g0290600	OsR498G0203450400.01.T01	Dipeptidyl aminopeptidase/acylaminoacyl-peptidase
maker-2-augustus-gene-110.18-mRNA-1	NA	NA		0	OsR498G0203451400.01.T01	Calcineurin B-like protein 7
maker-2-augustus-gene-110.4-mRNA-1	NA	Japonica		Os02g0290900	OsR498G0203451100.01.T01	SGNH hydrolase-type esterase superfamily protein
maker-2-augustus-gene-110.9-mRNA-1	NA	NA		Os02g0290300	OsR498G0203449400.01.T03	Activating molecule in BECN1-regulated autophagy protein 1
maker-2-augustus-gene-111.37-mRNA-1	NA	NA				
maker-2-augustus-gene-111.45-mRNA-1	NA	NA		0	OsR498G0203455200.01.T03	Calcineurin B-like protein 8
maker-2-augustus-gene-111.49-mRNA-1	NA	NA		0	OsR498G0203456000.01.T01	
maker-2-augustus-gene-118.40-mRNA-1	NA	NA		Os02g0302900	OsR498G0203503300.01.T02	Reticulon domain-containing protein (Fragment)
maker-2-augustus-gene-119.1-mRNA-1	NA	NA		Os02g0305801	OsR498G0203517300.01.T04	EKC/KEOPS complex, subunit Pcc1
maker-2-augustus-gene-12.101-mRNA-1	NA	NA		Os02g0123600	OsR498G0202874400.01.T02	CDP-diacylglycerol--inositol 3-phosphatidyltransferase
maker-2-augustus-gene-12.42-mRNA-1	NA	NA		Os02g0122100		Poly(A) polymerase cid
maker-2-augustus-gene-12.45-mRNA-1	NA	NA		0	OsR498G0202872300.01.T01	Histone-lysine N-methyltransferase ATXR6
maker-2-augustus-gene-12.47-mRNA-1	NA	Indica	Kinase	Os02g0123100	OsR498G0202873300.01.T01	Cell division control protein 2 like A
maker-2-augustus-gene-12.51-mRNA-1	NA	NA		0	OsR498G0202873500.01.T02	Peroxisomal membrane protein PEX16
maker-2-augustus-gene-12.54-mRNA-1	NA	Indica		Os07g0124500	OsR498G0202873700.01.T01	Eukaryotic translation initiation factor 3 subunit C
maker-2-augustus-gene-12.58-mRNA-1	NA	NA		Os02g0123700	OsR498G0202874500.01.T01	Endoglucanase
maker-2-augustus-gene-12.59-mRNA-1	NA	NA		0	OsR498G0202875100.01.T02	Collagen triple helix repeat-containing protein (Fragment)
maker-2-augustus-gene-12.63-mRNA-1	NA	NA		Os02g0122000	OsR498G0202870200.01.T02	Histone deacetylase complex subunit SAP18
maker-2-augustus-gene-12.68-mRNA-1	NA	NA		0	OsR498G0202870600.01.T02	Protein DETOXIFICATION 46, chloroplastic
maker-2-augustus-gene-12.75-mRNA-1	NA	NA		Os02g0122300	OsR498G0202870800.01.T02	Eukaryotic translation initiation factor 3 subunit J
maker-2-augustus-gene-12.79-mRNA-1	NA	NA		0	OsR498G0202871200.01.T02	Protein ACCUMULATION AND REPLICATION OF CHLOROPLASTS 6 chloroplast
maker-2-augustus-gene-12.83-mRNA-1	NA	NA		0	OsR498G0202871400.01.T02	Nucleosomal histone kinase
maker-2-augustus-gene-12.85-mRNA-1	NA	NA		Os02g0122800	OsR498G0202872600.01.T02	Arginine/serine-rich splicing factor
maker-2-augustus-gene-12.90-mRNA-1	NA	NA		0	OsR498G0202872800.01.T01	rRNA adenine N(6)-methyltransferase
maker-2-augustus-gene-12.93-mRNA-1	NA	Indica		Os02g0123400	OsR498G0202874000.01.T05	Putative caffeine synthase 4 (Fragment)
maker-2-augustus-gene-12.96-mRNA-1	NA	NA		Os02g0123500	OsR498G0202874200.01.T01	NADP-dependent D-sorbitol-6-phosphate dehydrogenase-like

maker-2-augustus-gene-128.37-mRNA-1	NA	NA	Os04g0120000		Transposon protein, putative, CACTA, En/Spm sub-class
maker-2-augustus-gene-13.0-mRNA-1	NA	NA	0	OsR498G0202876300.01.T01	Transducin family protein / WD-40 repeat family protein
maker-2-augustus-gene-13.10-mRNA-1	NA	NA	Os02g0125200	OsR498G0202878100.01.T02	AT-hook motif nuclear-localized protein (Fragment)
maker-2-augustus-gene-13.13-mRNA-1	NA	NA	Os02g0125300	OsR498G0202878700.01.T01	Bax inhibitor like
maker-2-augustus-gene-13.17-mRNA-1	NA	Indica	Os02g0125400	OsR498G0202878900.01.T01	Cyclin
maker-2-augustus-gene-13.19-mRNA-1	NA	NA	0	OsR498G0202879100.01.T01	RNA-binding KH domain-containing protein PEPPER
maker-2-augustus-gene-13.21-mRNA-1	NA	Indica	Os04g0432400	OsR498G0202879300.01.T03	Beta-fructofuranosidase
maker-2-augustus-gene-13.24-mRNA-1	NA	NA	0	OsR498G0202879500.01.T02	Light-harvesting complex-like protein 3 isotype 1, chloroplastic
maker-2-augustus-gene-13.28-mRNA-1	NA	Indica	Os02g0124600	OsR498G0202876000.01.T01	L-gulonolactone oxidase
maker-2-augustus-gene-13.30-mRNA-1	NA	Japonica	Os02g0124600	OsR498G0202876200.01.T01	L-gulonolactone oxidase
maker-2-augustus-gene-13.32-mRNA-1	NA	Indica	Os04g0119500	OsR498G0202876600.01.T01	START domain-containing protein
maker-2-augustus-gene-13.36-mRNA-1	NA	NA	Os02g0125100	OsR498G0202878000.01.T01	3-isopropylmalate dehydratase
maker-2-augustus-gene-13.41-mRNA-1	NA	NA			General transcription and DNA repair factor IIH subunit TFB4 isoform B
maker-2-augustus-gene-13.8-mRNA-1	NA	NA	Os02g0125000	OsR498G0202877500.01.T01	Protein LOW PSII ACCUMULATION 2 chloroplastic
maker-2-augustus-gene-136.0-mRNA-1	NA	NA	0	OsR498G1221332900.01.T01	Retrotransposon protein, putative, unclassified
maker-2-augustus-gene-137.10-mRNA-1	NA	NA	0	OsR498G1119271000.01.T01	X8 domain-containing protein (Fragment)
maker-2-augustus-gene-138.1-mRNA-1	NA	NA			ABC transporter domain-containing protein
maker-2-augustus-gene-138.7-mRNA-1	NA	NA	Os08g0390900	OsR498G1221160700.01.T01	
maker-2-augustus-gene-14.42-mRNA-1	NA	NA	0	OsR498G0202880700.01.T01	
maker-2-augustus-gene-14.43-mRNA-1	NA	NA	Os02g0126400	OsR498G0202882700.01.T02	Calcium-dependent protein kinase, putative
maker-2-augustus-gene-14.50-mRNA-1	NA	NA	Os02g0126600		
maker-2-augustus-gene-14.52-mRNA-1	NA	NA	Os02g0126800	OsR498G0202883300.01.T01	Golgi SNAP receptor complex member 1
maker-2-augustus-gene-14.55-mRNA-1	NA	Indica	Os02g0127000	OsR498G0202883700.01.T01	ER membrane protein complex subunit 2-A
maker-2-augustus-gene-14.58-mRNA-1	NA	NA	Os02g0127800	OsR498G0202885900.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-2-augustus-gene-14.60-mRNA-1	NA	NA	0	OsR498G0202886100.01.T01	Peroxidase 6 (Fragment)
maker-2-augustus-gene-14.62-mRNA-1	NA	NA	Os02g0128100	OsR498G0202886900.01.T01	Phospholipid hydroperoxide glutathione peroxidase
maker-2-augustus-gene-14.65-mRNA-1	NA	NA	Os02g0126300	OsR498G0202882200.01.T01	65-kDa microtubule-associated protein 3
maker-2-augustus-gene-14.67-mRNA-1	NA	NA	Os02g0126700	OsR498G0202883200.01.T01	Small nuclear ribonucleoprotein E
maker-2-augustus-gene-14.71-mRNA-1	NA	Japonica	Os02g0126900	OsR498G0202883600.01.T01	Phosphatidate cytidyltransferase
maker-2-augustus-gene-14.74-mRNA-1	NA	NA			Ribose-phosphate diphosphokinase
maker-2-augustus-gene-145.0-mRNA-1	NA	Japonica	Os02g0443000	OsR498G0407986600.01.T01	DNA-directed RNA polymerase subunit beta"
maker-2-augustus-gene-147.0-mRNA-1	NA	NA			Transposon protein, putative, CACTA, En/Spm sub-class
maker-2-augustus-gene-15.0-mRNA-1	NA	NA	Os02g0128200	OsR498G0202887300.01.T05	G-box-binding factor 1
maker-2-augustus-gene-15.11-mRNA-1	NA	NA	Os07g0212400		HGWP repeat containing protein-like
maker-2-augustus-gene-15.16-mRNA-1	NA	NA	Os02g0129100		
maker-2-augustus-gene-15.22-mRNA-1	NA	Indica	Os02g0128300	OsR498G0202887600.01.T05	Protein dimerizations
maker-2-augustus-gene-15.27-mRNA-1	NA	NA	Os02g0128800	OsR498G0202888400.01.T03	RING-type E3 ubiquitin transferase
maker-2-augustus-gene-15.32-mRNA-1	NA	Indica	Os02g0129300	OsR498G0202895000.01.T04	Protein LOW PSII ACCUMULATION 3, chloroplastic
maker-2-augustus-gene-158.0-mRNA-1	NA	NA	Os02g0464500	OsR498G0203752300.01.T01	
maker-2-augustus-gene-158.10-mRNA-1	NA	Indica	Os02g0464900	OsR498G0203754200.01.T01	Heat shock
maker-2-augustus-gene-158.2-mRNA-1	NA	NA	0	OsR498G0203749800.01.T03	Carboxypeptidase
maker-2-augustus-gene-159.41-mRNA-1	NA	Japonica	Os02g0465112	OsR498G0816133900.01.T03	Ubiquitin receptor RAD23
maker-2-augustus-gene-159.43-mRNA-1	NA	NA	Os02g0465400	OsR498G0203756600.01.T02	7-dehydrocholesterol reductase
maker-2-augustus-gene-159.48-mRNA-1	NA	NA	Os02g0465500	OsR498G0203757000.01.T01	Exonuclease
maker-2-augustus-gene-159.53-mRNA-1	NA	NA	Os02g0465900	OsR498G0203758400.01.T03	Gamma-glutamylcyclotransferase
maker-2-augustus-gene-159.61-mRNA-1	NA	NA	Os02g0467000	OsR498G0203763000.01.T01	Cinnamate 4-hydroxylase
maker-2-augustus-gene-16.39-mRNA-1	NA	NA	Os02g0130600	OsR498G0202900900.01.T03	Transcription initiation factor TFIID subunit like
maker-2-augustus-gene-16.44-mRNA-1	NA	NA	Os02g0130700	OsR498G0202901100.01.T01	
maker-2-augustus-gene-16.46-mRNA-1	NA	NA	0	OsR498G0202901300.01.T01	Putative ubiquitin-conjugating enzyme E2-binding protein
maker-2-augustus-gene-16.58-mRNA-1	NA	NA	Os02g0131300	OsR498G0202902900.01.T01	Mitochondrial ATP synthase
maker-2-augustus-gene-16.63-mRNA-1	NA	NA	Os02g0130000	OsR498G0202897600.01.T01	SWIb domain-containing protein (Fragment)
maker-2-augustus-gene-16.65-mRNA-1	NA	NA	Os02g0130100	OsR498G0202897800.01.T01	Glutaminase
maker-2-augustus-gene-16.70-mRNA-1	NA	NA	Os02g0130200	OsR498G0202898000.01.T01	Putative polygalacturonase
maker-2-augustus-gene-16.72-mRNA-1	NA	NA	Os02g0130300	OsR498G0202898200.01.T03	E3 ubiquitin-protein ligase BOI
maker-2-augustus-gene-16.75-mRNA-1	NA	NA	0	OsR498G0202902800.01.T03	Anthrnilate phosphoribosyltransferase
maker-2-augustus-gene-16.80-mRNA-1	NA	NA	Os02g0131400	OsR498G0202903600.01.T01	Putative beta-D-glucan exohydrolase
maker-2-augustus-gene-16.82-mRNA-1	NA	NA	0	OsR498G0202904200.01.T01	Ras GTPase-activating protein-binding protein 2
maker-2-augustus-gene-160.32-mRNA-1	NA	NA	0	OsR498G0203764100.01.T01	PMD domain-containing protein
maker-2-augustus-gene-160.35-mRNA-1	NA	NA	Os02g0467600	OsR498G0203764700.01.T01	Cinnamate 4-hydroxylase
maker-2-augustus-gene-160.37-mRNA-1	NA	NA	Os02g0467700	OsR498G0203764900.01.T06	Glycosyltransferase family protein 28
maker-2-augustus-gene-160.40-mRNA-1	NA	NA	Os02g0468400	OsR498G0203767300.01.T01	START domain

maker-2-augustus-gene-160.43-mRNA-1	NA	Indica		Os02g0468200	OsR498G0203767000.01.T02	rRNA-processing protein PIN domain protein
maker-2-augustus-gene-161.0-mRNA-1	NA	Indica		Os02g0469200	OsR498G0203772900.01.T01	YTH domain-containing protein
maker-2-augustus-gene-161.10-mRNA-1	NA	NA		Os02g0469300	OsR498G0203773700.01.T10	ATP-binding region, ATPase-like domain-containing protein-like
maker-2-augustus-gene-161.25-mRNA-1	NA	NA		Os02g0469600	OsR498G0203775300.01.T01	Cysteine proteinase Cathepsin F
maker-2-augustus-gene-161.9-mRNA-1	NA	NA		Os02g0469300	OsR498G0203773700.01.T09	Protein MICRORCHIDIA 7
maker-2-augustus-gene-168.24-mRNA-1	NA	NA		0	OsR498G0203816400.01.T04	Putative P-loop containing nucleoside triphosphate hydrolase, alpha/Beta h
maker-2-augustus-gene-17.0-mRNA-1	NA	NA		Os02g0132300	OsR498G0202905900.01.T02	E3 ubiquitin-protein ligase MARCH8
maker-2-augustus-gene-17.11-mRNA-1	NA	NA		Os02g0131800	OsR498G0202904800.01.T01	Root-specific metal transporter
maker-2-augustus-gene-17.16-mRNA-1	NA	Japonica		Os02g0132100	OsR498G0202905400.01.T04	Pentatricopeptide repeat-containing protein
maker-2-augustus-gene-17.18-mRNA-1	NA	NA		Os02g0132200	OsR498G0202905600.01.T01	Putative membrane protein ycf78
maker-2-augustus-gene-17.20-mRNA-1	NA	NA				Pentatricopeptide repeat-containing protein mitochondrial
maker-2-augustus-gene-17.26-mRNA-1	NA	NA		0	OsR498G0202908800.01.T01	
maker-2-augustus-gene-17.28-mRNA-1	NA	NA		0	OsR498G0202909800.01.T02	Cyclin-T1-4 like
maker-2-augustus-gene-17.34-mRNA-1	NA	NA		Os02g0133200	OsR498G0202911000.01.T01	Phosphatidylinositol/phosphatidylcholine transfer protein SFH10
maker-2-augustus-gene-17.5-mRNA-1	NA	Indica		Os02g0133100	OsR498G0202910700.01.T02	Phosphatidylinositolphosphatidylcholine transfer protein sfh8
maker-2-augustus-gene-172.39-mRNA-1	NA	NA		Os02g0487300	OsR498G0203832700.01.T01	WRC domain-containing protein
maker-2-augustus-gene-173.0-mRNA-1	NA	NA		Os02g0489400	OsR498G0203838500.01.T01	40S ribosomal protein S8
maker-2-augustus-gene-177.10-mRNA-1	NA	NA		Os02g0495400		
maker-2-augustus-gene-178.0-mRNA-1	NA	Indica		Os02g0498300	OsR498G0203864300.01.T02	Probable magnesium transporter
maker-2-augustus-gene-18.0-mRNA-1	NA	NA		Os02g0133800	OsR498G0202912300.01.T01	Proteasome endopeptidase complex
maker-2-augustus-gene-18.16-mRNA-1	NA	NA		Os02g0133400		SMC hinge domain-containing protein
maker-2-augustus-gene-18.2-mRNA-1	NA	NA		Os02g0133900	OsR498G0202912500.01.T01	Transmembrane protein 53-B
maker-2-augustus-gene-18.27-mRNA-1	NA	NA		Os02g0134300	OsR498G0202914200.01.T01	Transcription elongation factor 1 homolog
maker-2-augustus-gene-18.30-mRNA-1	NA	NA		0	OsR498G0202915000.01.T01	Outer membrane transport energization protein TonB
maker-2-augustus-gene-18.32-mRNA-1	NA	NA		Os02g0134700	OsR498G0202915600.01.T03	
maker-2-augustus-gene-18.33-mRNA-1	NA	NA	Kinase	Os02g0135200	OsR498G0202916400.01.T05	Mitogen-activated protein kinase
maker-2-augustus-gene-18.5-mRNA-1	NA	Japonica		Os02g0134000	OsR498G0202912700.01.T01	Bifunctional coenzyme A synthase
maker-2-augustus-gene-18.8-mRNA-1	NA	NA		Os02g0134400	OsR498G0202914700.01.T02	L-aspartate oxidase
maker-2-augustus-gene-181.4-mRNA-1	NA	NA		Os02g0503400	OsR498G0203881900.01.T01	60S ribosomal protein L35
maker-2-augustus-gene-182.32-mRNA-1	NA	Japonica		Os02g0503700	OsR498G0203882700.01.T01	Isoflavone 2'-hydroxylase
maker-2-augustus-gene-182.35-mRNA-1	NA	NA		Os02g0503800	OsR498G0203883100.01.T01	Cytochrome P450 family 81 subfamily D polypeptide 8
maker-2-augustus-gene-182.36-mRNA-1	NA	NA		Os02g0503900	OsR498G0203883100.01.T02	Isoflavone 2'-hydroxylase
maker-2-augustus-gene-183.0-mRNA-1	NA	NA		Os02g0504500	OsR498G0203886100.01.T01	UBA domain-containing protein/PUB domain-containing protein
maker-2-augustus-gene-183.11-mRNA-1	NA	Indica		Os02g0504800	OsR498G0203887400.01.T01	Acyl-[acyl-carrier-protein] desaturase
maker-2-augustus-gene-183.13-mRNA-1	NA	NA		Os02g0504900	OsR498G0203887600.01.T02	F-box/kelch-repeat protein At1g67480
maker-2-augustus-gene-183.6-mRNA-1	NA	Japonica		Os02g0504700	OsR498G0203887100.01.T01	AvrRpt-cleavage domain-containing protein (Fragment)
maker-2-augustus-gene-183.9-mRNA-1	NA	NA		0	OsR498G0203891300.01.T01	
maker-2-augustus-gene-185.10-mRNA-1	NA	NA		0	OsR498G0203901200.01.T01	Gamma carbonic anhydrase-like 2 mitochondrial
maker-2-augustus-gene-187.37-mRNA-1	NA	NA		0	OsR498G0203905600.01.T05	SART-1 family protein DOT2
maker-2-augustus-gene-187.42-mRNA-1	NA	Indica		Os02g0511800	OsR498G0203906400.01.T02	NOP5NT domain-containing protein
maker-2-augustus-gene-188.0-mRNA-1	NA	NA		Os02g0511900		DNA polymerase epsilon catalytic subunit A
maker-2-augustus-gene-188.7-mRNA-1	NA	NA		0	OsR498G0203908300.01.T02	Ribosomal pseudouridine synthase
maker-2-augustus-gene-189.10-mRNA-1	NA	Japonica		Os02g0513800	OsR498G0203915600.01.T06	Ubiquitinyl hydrolase 1
maker-2-augustus-gene-189.16-mRNA-1	NA	NA		Os03g0237200		Protein SHOOT GRAVITROPISM 5
maker-2-augustus-gene-189.17-mRNA-1	NA	NA		Os08g0381000	OsR498G0408344700.01.T01	Cell wall protein-like
maker-2-augustus-gene-189.3-mRNA-1	NA	NA		0	OsR498G0203917700.01.T01	Glycerophosphodiester phosphodiesterase
maker-2-augustus-gene-189.8-mRNA-1	NA	NA		Os02g0513100	OsR498G0203912800.01.T01	Bidirectional sugar transporter SWEET
maker-2-augustus-gene-19.0-mRNA-1	NA	NA		Os02g0135500	OsR498G0202917300.01.T01	Protein O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase 2-like
maker-2-augustus-gene-19.12-mRNA-1	NA	Indica	Kinase-LRR-TM	Os02g0136900	OsR498G0202924100.01.T01	Serine/threonine protein kinase
maker-2-augustus-gene-19.16-mRNA-1	NA	NA	Kinase	0	OsR498G0202916600.01.T01	Putative cell cycle regulatory protein kinase Wee1 (Fragment)
maker-2-augustus-gene-19.2-mRNA-1	NA	NA		Os02g0135700	OsR498G0202918500.01.T01	myb-binding protein 1A-like protein isoform X1
maker-2-augustus-gene-19.20-mRNA-1	NA	NA		Os02g0135600	OsR498G0202918200.01.T01	Recoverin
maker-2-augustus-gene-19.24-mRNA-1	NA	NA		0	OsR498G0202920000.01.T01	PB1 domain-containing protein
maker-2-augustus-gene-19.27-mRNA-1	NA	NA		Os02g0136400		
maker-2-augustus-gene-19.7-mRNA-1	NA	NA		Os02g0135900	OsR498G0202919700.01.T02	Protein PTST, chloroplastic
maker-2-augustus-gene-190.0-mRNA-1	NA	NA		Os02g0514766	OsR498G0203918700.01.T01	Dihydrolypoyllysine-residue succinyltransferase
maker-2-augustus-gene-190.10-mRNA-1	NA	NA		Os02g0515200	OsR498G0203921600.01.T01	BAR domain-containing protein
maker-2-augustus-gene-190.16-mRNA-1	NA	NA		Os02g0515600	OsR498G0203923000.01.T01	GSH-induced LITAF domain-containing protein
maker-2-augustus-gene-190.3-mRNA-1	NA	NA	LRR-TM			
maker-2-augustus-gene-190.8-mRNA-1	NA	Indica		Os02g0514800	OsR498G0203919000.01.T01	DNA-directed RNA polymerase III subunit RPC4
maker-2-augustus-gene-192.41-mRNA-1	NA	NA		Os05g0471800		Far-red impaired response protein-like

maker-2-augustus-gene-193.10-mRNA-1	NA	NA		Os02g0520100	OsR498G0203951000.01.T02	Nudix hydrolase 13 mitochondrial
maker-2-augustus-gene-193.3-mRNA-1	NA	Indica		Os04g0661300	OsR498G0203946800.01.T01	Myosin-H heavy chain isoform 1
maker-2-augustus-gene-194.1-mRNA-1	NA	NA				Putative AC transposase
maker-2-augustus-gene-194.13-mRNA-1	NA	Indica		Os04g0398600	OsR498G0203953400.01.T01	Exostosis domain-containing protein
maker-2-augustus-gene-194.15-mRNA-1	NA	NA		Os02g0520800	OsR498G0203954000.01.T01	Cytochrome b-c1 complex subunit Rieske, mitochondrial
maker-2-augustus-gene-194.19-mRNA-1	NA	NA		Os02g0521300	OsR498G0203954800.01.T04	Calcium-dependent phospholipid-binding Copine family protein (Fragment)
maker-2-augustus-gene-194.3-mRNA-1	NA	NA		0	OsR498G0203955500.01.T03	Ubiquitinyl hydrolase 1
maker-2-augustus-gene-195.27-mRNA-1	NA	NA		0	OsR498G0203959100.01.T01	Ubiquitinyl hydrolase 1
maker-2-augustus-gene-195.33-mRNA-1	NA	Indica		Os02g0522700	OsR498G0203959100.01.T05	Ubiquitinyl hydrolase 1
maker-2-augustus-gene-195.35-mRNA-1	NA	NA				Ubiquitinyl hydrolase 1
maker-2-augustus-gene-196.11-mRNA-1	NA	NA		Os02g0526400	OsR498G0203973700.01.T01	Chaperone protein ClpD chloroplastic
maker-2-augustus-gene-196.16-mRNA-1	NA	NA				
maker-2-augustus-gene-196.18-mRNA-1	NA	Indica		Os02g0526000	OsR498G0203972200.01.T01	Heparan-alpha-glucosaminide N-acetyltransferase-like isoform X1
maker-2-augustus-gene-196.5-mRNA-1	NA	NA		Os02g0525900	OsR498G0203971900.01.T01	Acetyl-coenzyme A synthetase
maker-2-augustus-gene-197.0-mRNA-1	NA	NA		0	OsR498G0203975900.01.T02	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin
maker-2-augustus-gene-197.10-mRNA-1	NA	NA		Os02g0527200	OsR498G0203976400.01.T02	Histone deacetylase HDT1-like
maker-2-augustus-gene-197.13-mRNA-1	NA	NA		Os02g0527300	OsR498G0203977800.01.T02	Heat stress transcription factor A-3
maker-2-augustus-gene-197.16-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0203979600.01.T05	Mitogen activated kinase kinase kinase CTR1
maker-2-augustus-gene-197.7-mRNA-1	NA	Indica		Os04g0405100	OsR498G0203974000.01.T03	SAM domain-containing protein
maker-2-augustus-gene-198.40-mRNA-1	NA	NA				ATP-dependent DNA helicase
maker-2-augustus-gene-198.42-mRNA-1	NA	Japonica		Os02g0528500	OsR498G0102641700.01.T01	Replication protein-like
maker-2-augustus-gene-198.44-mRNA-1	NA	Japonica		Os02g0528000	OsR498G0203981000.01.T01	RING-type domain-containing protein
maker-2-augustus-gene-198.46-mRNA-1	NA	NA		Os02g0528100	OsR498G0203981400.01.T01	RAB6-interacting golgin
maker-2-augustus-gene-198.48-mRNA-1	NA	NA		Os02g0528200	OsR498G0203981600.01.T02	1,4-alpha-glucan-branching enzyme 2, chloroplastic/amyloplastic
maker-2-augustus-gene-198.53-mRNA-1	NA	NA		0	OsR498G0203983400.01.T04	ABC transporter domain-containing protein
maker-2-augustus-gene-198.63-mRNA-1	NA	NA		Os11g0100100	OsR498G1220782800.01.T04	Autophagy-related protein 8D
maker-2-augustus-gene-199.0-mRNA-1	NA	NA		Os02g0529400	OsR498G0203985100.01.T01	Alkaline/neutral invertase
maker-2-augustus-gene-199.11-mRNA-1	NA	NA		Os02g0530100	OsR498G0203987400.01.T02	Heavy metal-associated domain, HMA
maker-2-augustus-gene-199.19-mRNA-1	NA	NA		Os02g0530600	OsR498G0203990200.01.T01	Poly [ADP-ribose] polymerase
maker-2-augustus-gene-199.5-mRNA-1	NA	NA		Os02g0529500	OsR498G0203985500.01.T01	SNAPous protein SNAP33
maker-2-augustus-gene-199.7-mRNA-1	NA	Japonica		Os02g0529700	OsR498G0100309500.01.T03	Acidic ribosomal protein P2a-2
maker-2-augustus-gene-199.9-mRNA-1	NA	NA		Os02g0529800	OsR498G0203986400.01.T03	Cytochrome P450 family protein, expressed
maker-2-augustus-gene-20.31-mRNA-1	NA	Indica		Os02g0137000	OsR498G0202924500.01.T03	Transducin family protein / WD-40 repeat family protein
maker-2-augustus-gene-20.38-mRNA-1	NA	NA		Os02g0137100	OsR498G0202925100.01.T02	Transducin family protein / WD-40 repeat family protein
maker-2-augustus-gene-20.42-mRNA-1	NA	Indica		Os02g0137400	OsR498G0202925700.01.T01	Splicing factor 3B subunit 3
maker-2-augustus-gene-20.44-mRNA-1	NA	NA		0	OsR498G0202926300.01.T02	Histone acetyltransferase
maker-2-augustus-gene-20.53-mRNA-1	NA	Indica		Os06g0704700	OsR498G0202926900.01.T03	Divinyl chlorophyllide a 8-vinyl-reductase, chloroplastic
maker-2-augustus-gene-20.59-mRNA-1	NA	NA		Os02g0137800	OsR498G0202927100.01.T01	Guanine nucleotide-binding protein subunit gamma 2
maker-2-augustus-gene-20.62-mRNA-1	NA	NA		Os02g0138200	OsR498G0202929500.01.T01	RRM domain-containing protein
maker-2-augustus-gene-20.65-mRNA-1	NA	NA				
maker-2-augustus-gene-20.67-mRNA-1	NA	Indica		Os02g0137200	OsR498G0202925400.01.T03	Large subunit ribosomal protein L3
maker-2-augustus-gene-200.37-mRNA-1	NA	NA		Os02g0531200	OsR498G0203991700.01.T01	Sodium/bile acid cotransporter 7
maker-2-augustus-gene-200.42-mRNA-1	NA	NA		Os02g0532300	OsR498G0203995700.01.T01	AB hydrolase-1 domain-containing protein
maker-2-augustus-gene-200.44-mRNA-1	NA	NA		Os02g0532900	OsR498G0203998100.01.T01	Glucan endo-13-beta-glucosidase 14
maker-2-augustus-gene-200.46-mRNA-1	NA	Indica		Os02g0530900	OsR498G0203991600.01.T01	
maker-2-augustus-gene-200.49-mRNA-1	NA	NA		Os02g0531600	OsR498G0203993200.01.T01	Centroradialis
maker-2-augustus-gene-201.0-mRNA-1	NA	Japonica		Os02g0533200	OsR498G0203998700.01.T02	Heme-binding-like protein chloroplastic
maker-2-augustus-gene-201.12-mRNA-1	NA	NA		Os02g0534400	OsR498G0204003500.01.T05	Beta-fructofuranosidase, insoluble isoenzyme 1
maker-2-augustus-gene-201.18-mRNA-1	NA	NA		0	OsR498G0204006100.01.T01	
maker-2-augustus-gene-201.20-mRNA-1	NA	NA		0	OsR498G0203998400.01.T01	Iron-sulfur cluster biosynthesis family protein isoform 1
maker-2-augustus-gene-201.28-mRNA-1	NA	NA		Os02g0533800		ATPase inhibitor
maker-2-augustus-gene-201.30-mRNA-1	NA	NA		Os02g0534800	OsR498G0204005600.01.T01	Ribosomal protein S14
maker-2-augustus-gene-201.33-mRNA-1	NA	NA		Os02g0535000	OsR498G0204005800.01.T01	protein ORANGE-LIKE, chloroplastic
maker-2-augustus-gene-201.4-mRNA-1	NA	NA		Os02g0533300	OsR498G0203998900.01.T01	Bifunctional monodehydroascorbate reductase and carbonic anhydrase nec
maker-2-augustus-gene-201.7-mRNA-1	NA	NA		Os02g0533900	OsR498G0204000100.01.T01	Carbon-nitrogen hydrolase
maker-2-augustus-gene-202.30-mRNA-1	NA	NA		0	OsR498G0204007300.01.T01	Mitochondrial fission protein ELM1
maker-2-augustus-gene-202.35-mRNA-1	NA	NA		Os02g0536100	OsR498G0204009300.01.T02	Peptidyl-prolyl cis-trans isomerase G
maker-2-augustus-gene-202.37-mRNA-1	NA	Indica		Os02g0537200	OsR498G0204009900.01.T04	FBD domain-containing protein
maker-2-augustus-gene-202.40-mRNA-1	NA	NA		0	OsR498G0204006800.01.T04	Integrin beta-1-binding protein 2
maker-2-augustus-gene-202.43-mRNA-1	NA	Indica		Os02g0537200	OsR498G0204013200.01.T01	FBD domain-containing protein
maker-2-augustus-gene-203.0-mRNA-1	NA	NA		0	OsR498G0204016900.01.T01	Chaperone protein ClpB1-like

maker-2-augustus-gene-203.11-mRNA-1	NA	NA		Os02g0537200	OsR498G0204016000.01.T01	FBD domain-containing protein
maker-2-augustus-gene-203.13-mRNA-1	NA	NA		Os02g0537500	OsR498G0204017200.01.T01	Transcription factor E2FA like
maker-2-augustus-gene-203.8-mRNA-1	NA	Japonica		Os02g0537800	OsR498G0204018500.01.T01	Butenolide signaling repressing protein-like
maker-2-augustus-gene-204.0-mRNA-1	NA	NA				
maker-2-augustus-gene-204.12-mRNA-1	NA	NA		Os02g0537900	OsR498G0204019400.01.T01	H(+)-exporting diphosphatase
maker-2-augustus-gene-204.18-mRNA-1	NA	NA				Threonyl-tRNA synthetase
maker-2-augustus-gene-204.22-mRNA-1	NA	NA		Os02g0538900	OsR498G0204022400.01.T01	Basic leucine zipper 6
maker-2-augustus-gene-204.4-mRNA-1	NA	NA		Os02g0539100	OsR498G0204022900.01.T01	Digalactosyldiacylglycerol synthase
maker-2-augustus-gene-204.7-mRNA-1	NA	NA		0	OsR498G0204026100.01.T02	Myb-like domain-containing protein (Fragment)
maker-2-augustus-gene-205.28-mRNA-1	NA	Indica		Os02g0541300	OsR498G0204036700.01.T01	Pyridoxal phosphate-dependent decarboxylase
maker-2-augustus-gene-205.32-mRNA-1	NA	NA		Os02g0539900		Protein phosphatase type 2A regulator/ signal transducer
maker-2-augustus-gene-206.0-mRNA-1	NA	Japonica		Os02g0541900	OsR498G0204038300.01.T01	LORELEI-LIKE-GPI-ANCHORED PROTEIN 1
maker-2-augustus-gene-206.11-mRNA-1	NA	Indica		Os02g0543000	OsR498G0204042000.01.T01	Absciscic stress ripening
maker-2-augustus-gene-206.13-mRNA-1	NA	Japonica		Os02g0543100	OsR498G0204042600.01.T01	Sphingomyelin synthetase family protein isoform 1
maker-2-augustus-gene-206.2-mRNA-1	NA	NA		Os02g0542500	OsR498G0204040300.01.T01	AAA ATPase containing von Willebrand factor type A (VWA) domain-like pro
maker-2-augustus-gene-206.4-mRNA-1	NA	NA		Os02g0543400	OsR498G0204043700.01.T06	WD repeat domain-containing protein 83
maker-2-augustus-gene-206.6-mRNA-1	NA	NA		0	OsR498G0204038000.01.T02	Cytochrome b-c1 complex subunit 6
maker-2-augustus-gene-206.7-mRNA-1	NA	NA		Os02g0542200		
maker-2-augustus-gene-206.9-mRNA-1	NA	NA		Os02g0542700	OsR498G0204040800.01.T01	Skin secretory protein xP2-like
maker-2-augustus-gene-209.0-mRNA-1	NA	Japonica		Os02g0545700	OsR498G0204070700.01.T01	
maker-2-augustus-gene-209.3-mRNA-1	NA	Japonica		Os02g0547300	OsR498G0611818300.01.T01	PLAT domain-containing protein 3
maker-2-augustus-gene-209.5-mRNA-1	NA	NA		Os02g0546600	OsR498G0204073600.01.T01	Ethylene-responsive transcription factor
maker-2-augustus-gene-209.7-mRNA-1	NA	Japonica		Os02g0546800	OsR498G0204073600.01.T01	Wound-responsive AP2 like factor 1
maker-2-augustus-gene-210.32-mRNA-1	NA	NA		0	OsR498G0204078100.01.T01	BHLH domain-containing protein
maker-2-augustus-gene-212.10-mRNA-1	NA	NA		Os02g0552100	OsR498G0204096900.01.T03	Pentatricopeptide repeat-containing protein
maker-2-augustus-gene-218.0-mRNA-1	NA	Indica		Os04g0444900	OsR498G0204130100.01.T01	PHD finger protein Alfin1
maker-2-augustus-gene-218.15-mRNA-1	NA	NA		Os02g0564000	OsR498G0204130000.01.T03	Glutathione S-transferase
maker-2-augustus-gene-218.4-mRNA-1	NA	Indica		Os01g0886600	OsR498G0204130500.01.T01	AAA+ ATPase domain
maker-2-augustus-gene-22.30-mRNA-1	NA	NA		Os02g0141000	OsR498G0202940900.01.T03	GGACT domain-containing protein (Fragment)
maker-2-augustus-gene-22.32-mRNA-1	NA	NA		Os02g0140400	OsR498G0202938800.01.T03	Camelliol C synthase
maker-2-augustus-gene-22.38-mRNA-1	NA	NA		0	OsR498G0202941400.01.T03	Auxin response factor
maker-2-augustus-gene-221.6-mRNA-1	NA	NA		Os02g0570500	OsR498G0204148100.01.T01	Ent-isokaurene C2-hydroxylase
maker-2-augustus-gene-222.26-mRNA-1	NA	NA		0	OsR498G0713832800.01.T01	
maker-2-augustus-gene-222.28-mRNA-1	NA	NA		Os02g0571100	OsR498G0204150700.01.T01	Ent-neo-cis-trans-clerodienyl diphosphate synthase
maker-2-augustus-gene-222.30-mRNA-1	NA	NA		Os02g0570700	OsR498G0204149200.01.T01	Ent-cassadiene hydroxylase
maker-2-augustus-gene-224.40-mRNA-1	NA	NA		Os02g0574100	OsR498G0204161900.01.T01	Sugar transport protein 5
maker-2-augustus-gene-224.41-mRNA-1	NA	NA		Os02g0574100	OsR498G0204162100.01.T01	Sugar transport protein 5
maker-2-augustus-gene-232.3-mRNA-1	NA	Japonica		Os02g0590000	OsR498G0204209400.01.T01	Lecithin-cholesterol acyltransferase-like protein 1
maker-2-augustus-gene-232.5-mRNA-1	NA	Japonica		Os02g0590400	OsR498G0204207000.01.T01	Lecithin-cholesterol acyltransferase-like 1
maker-2-augustus-gene-233.0-mRNA-1	NA	Indica	CC-Kinase-TM	Os02g0591900	OsR498G0204217300.01.T05	Serine/threonine protein kinase
maker-2-augustus-gene-233.12-mRNA-1	NA	NA		Os02g0593500	OsR498G0204223300.01.T01	Phosphate transporter
maker-2-augustus-gene-233.24-mRNA-1	NA	NA		Os02g0591800	OsR498G0204216800.01.T01	Brix domain-containing protein 2
maker-2-augustus-gene-233.28-mRNA-1	NA	Indica		Os02g0592000	OsR498G0204218000.01.T01	2-oxoglutarate-dependent dioxygenase DAO
maker-2-augustus-gene-233.31-mRNA-1	NA	NA		Os02g0592200	OsR498G0204218200.01.T01	Calcineurin-like metallo-phosphoesterase superfamily protein isoform 1
maker-2-augustus-gene-233.35-mRNA-1	NA	NA		Os02g0592300	OsR498G0204218400.01.T01	Mismatch repair endonuclease PMS2
maker-2-augustus-gene-233.39-mRNA-1	NA	NA		Os02g0592500	OsR498G0204219200.01.T02	Putative folate receptor
maker-2-augustus-gene-233.41-mRNA-1	NA	NA		Os02g0592800	OsR498G0204219600.01.T01	FLZ-type domain-containing protein
maker-2-augustus-gene-233.43-mRNA-1	NA	NA		0	OsR498G0407524800.01.T01	Amine oxidase
maker-2-augustus-gene-233.49-mRNA-1	NA	NA		Os02g0593400	OsR498G0204223600.01.T01	Transcription termination factor 4
maker-2-augustus-gene-233.6-mRNA-1	NA	NA		Os02g0592400	OsR498G0204218900.01.T01	HIG1 domain-containing protein (Fragment)
maker-2-augustus-gene-234.0-mRNA-1	NA	NA	LRR-TM	Os02g0593600	OsR498G0204224100.01.T01	Plant intracellular Ras-group-related LRR protein 2
maker-2-augustus-gene-234.15-mRNA-1	NA	NA		Os02g0593700	OsR498G0204224400.01.T07	Putative PB1 domain, Zinc finger, ZZ-type, Next to BRCA1, central domain-co
maker-2-augustus-gene-234.5-mRNA-1	NA	NA		Os02g0593900	OsR498G0204224700.01.T03	Ribosomal RNA-processing protein 8
maker-2-augustus-gene-234.7-mRNA-1	NA	NA	Kinase-TM	Os02g0594100	OsR498G0204225300.01.T02	serine/threonine-protein kinase STY13
maker-2-augustus-gene-235.41-mRNA-1	NA	NA		0	OsR498G0204238100.01.T01	BTB/POZ and TAZ domain-containing protein 2
maker-2-augustus-gene-235.43-mRNA-1	NA	NA		Os02g0596900	OsR498G0204238700.01.T01	Actin-related protein 3 isoform A
maker-2-augustus-gene-236.0-mRNA-1	NA	Japonica		Os02g0597700	OsR498G0204241500.01.T01	BCL-2 binding anthanogene-1
maker-2-augustus-gene-236.13-mRNA-1	NA	NA		Os02g0598500	OsR498G0204245100.01.T01	PPM-type phosphatase domain-containing protein (Fragment)
maker-2-augustus-gene-236.17-mRNA-1	NA	Indica		Os04g0483500	OsR498G0204242200.01.T01	B-keto acyl reductase
maker-2-augustus-gene-236.19-mRNA-1	NA	NA		Os02g0598200	OsR498G0204243000.01.T02	TF-B3 domain-containing protein
maker-2-augustus-gene-236.2-mRNA-1	NA	NA		Os02g0597800	OsR498G0204241900.01.T05	Steroid nuclear receptor ligand-binding

maker-2-augustus-gene-236.8-mRNA-1	NA	NA		0	OsR498G0204243500.01.T01	Intracellular protein transport protein USO1
maker-2-augustus-gene-237.122-mRNA-1	NA	NA		Os02g0600100	OsR498G0204247700.01.T01	Proteasome component (PCI) domain
maker-2-augustus-gene-237.126-mRNA-1	NA	NA		Os02g0600400	OsR498G0204248100.01.T05	Glucose-6-phosphate dehydrogenase (NADP(+))
maker-2-augustus-gene-237.129-mRNA-1	NA	NA		Os02g0601300	OsR498G0204250900.01.T01	Glyceraldehyde-3-phosphate dehydrogenase 3, cytosolic
maker-2-augustus-gene-237.139-mRNA-1	NA	NA		Os02g0600200	OsR498G0204248000.01.T03	Ribosome-recycling factor, mitochondrial (Fragment)
maker-2-augustus-gene-237.142-mRNA-1	NA	NA		0	OsR498G0204249600.01.T01	Cytosolic Fe-S cluster assembly factor NBP35
maker-2-augustus-gene-237.147-mRNA-1	NA	Indica		Os02g0601500	OsR498G0204251600.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-237.46-mRNA-1	NA	Indica		Os02g0598400	OsR498G0204244900.01.T01	Telomere length regulation protein TEL
maker-2-augustus-gene-237.49-mRNA-1	NA	NA				Protein-serine/threonine phosphatase
maker-2-augustus-gene-237.51-mRNA-1	NA	Indica		Os02g0598500	OsR498G0204246300.01.T03	PPM-type phosphatase domain-containing protein
maker-2-augustus-gene-238.40-mRNA-1	NA	NA	Kinase	Os02g0602100	OsR498G0204253300.01.T07	Cyclin-dependent kinase G-1
maker-2-augustus-gene-238.49-mRNA-1	NA	NA		Os02g0602800	OsR498G0204254300.01.T05	Vesicle transport protein GOT1
maker-2-augustus-gene-238.56-mRNA-1	NA	Indica		Os02g0601800	OsR498G0204252400.01.T05	Transcription factor GTE9
maker-2-augustus-gene-24.32-mRNA-1	NA	NA		Os02g0143100	OsR498G0202953100.01.T05	Sucrose-phosphate phosphatase
maker-2-augustus-gene-24.37-mRNA-1	NA	NA		Os02g0143200	OsR498G0202953500.01.T02	ARM repeat superfamily protein
maker-2-augustus-gene-24.41-mRNA-1	NA	NA		Os08g0487300	OsR498G0102102900.01.T01	Transposon protein, putative, Mutator sub-class
maker-2-augustus-gene-244.34-mRNA-1	NA	NA		Os02g0614100	OsR498G0204296700.01.T01	TPT domain-containing protein (Fragment)
maker-2-augustus-gene-244.54-mRNA-1	NA	NA		Os02g0614200	OsR498G0204297200.01.T01	Lysine-specific demethylase 2A-like
maker-2-augustus-gene-245.12-mRNA-1	NA	NA	Kinase-LRR-TM			Protein kinase domain-containing protein (Fragment)
maker-2-augustus-gene-245.14-mRNA-1	NA	NA		0	OsR498G0204303700.01.T05	
maker-2-augustus-gene-245.3-mRNA-1	NA	NA	Kinase-LRR-TM			Protein kinase domain-containing protein (Fragment)
maker-2-augustus-gene-245.8-mRNA-1	NA	Indica	Kinase-LRR-TM	Os02g0615500	OsR498G0204301900.01.T02	LRR receptor-like serine/threonine-protein kinase EFR
maker-2-augustus-gene-247.0-mRNA-1	NA	NA		Os03g0184000	OsR498G0305342900.01.T06	15-cis-phytoene desaturase, chloroplastic/chromoplastic
maker-2-augustus-gene-247.5-mRNA-1	NA	Indica	LRR-TM	Os02g0615800	OsR498G0204310500.01.T04	LRR receptor-like serine/threonine-protein kinase EFR
maker-2-augustus-gene-247.8-mRNA-1	NA	Indica	Kinase-TM	Os02g0615500	OsR498G0204301900.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-248.0-mRNA-1	NA	Indica	LRR-TM	Os02g0615300	OsR498G0204314300.01.T03	Putative receptor like protein 12
maker-2-augustus-gene-249.0-mRNA-1	NA	Indica	Kinase-LRR-TM	Os02g0615300	OsR498G0204315700.01.T02	LRR receptor-like serine/threonine-protein kinase EFR
maker-2-augustus-gene-252.34-mRNA-1	NA	NA		0	OsR498G0204322800.01.T01	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P-related
maker-2-augustus-gene-252.36-mRNA-1	NA	NA		Os02g0617200	OsR498G0204323600.01.T04	
maker-2-augustus-gene-252.40-mRNA-1	NA	NA		0	OsR498G0204324000.01.T02	CLIP-associated protein-like
maker-2-augustus-gene-253.0-mRNA-1	NA	NA		Os02g0617400	OsR498G0204325500.01.T01	Anther-specific proline-rich protein APG
maker-2-augustus-gene-253.12-mRNA-1	NA	NA		Os02g0618100	OsR498G0204327500.01.T01	Glutaredoxin
maker-2-augustus-gene-253.18-mRNA-1	NA	NA		Os02g0618700	OsR498G0204329700.01.T01	Putative lung seven transmembrane receptor 1
maker-2-augustus-gene-253.2-mRNA-1	NA	NA		0	OsR498G0204322800.01.T01	DEXH-box ATP-dependent RNA helicase DEXH17
maker-2-augustus-gene-253.20-mRNA-1	NA	NA		0	OsR498G0204326000.01.T02	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B
maker-2-augustus-gene-253.25-mRNA-1	NA	NA		0	OsR498G0204326200.01.T02	Polynucleotide phosphorylase 1
maker-2-augustus-gene-253.28-mRNA-1	NA	NA		Os02g0618400	OsR498G0204328800.01.T01	Transcription factor MYB48
maker-2-augustus-gene-254.5-mRNA-1	NA	NA				Putative SET-domain containing protein family
maker-2-augustus-gene-255.40-mRNA-1	NA	NA		Os02g0622100	OsR498G0204338900.01.T01	Serine/threonine protein kinase
maker-2-augustus-gene-255.46-mRNA-1	NA	NA		0	OsR498G0204339500.01.T05	GLTP domain-containing protein (Fragment)
maker-2-augustus-gene-255.52-mRNA-1	NA	NA		Os11g0307600	OsR498G1119899800.01.T01	Protein kinase domain-containing protein
maker-2-augustus-gene-255.57-mRNA-1	NA	Indica		Os04g0515900	OsR498G0204341900.01.T01	NAC transcription factor
maker-2-augustus-gene-255.66-mRNA-1	NA	Indica		Os04g0515300	OsR498G0204339400.01.T02	60S ribosomal protein like (Fragment)
maker-2-augustus-gene-255.75-mRNA-1	NA	NA		Os04g0354200		Transposon protein, putative, unclassified
maker-2-augustus-gene-256.9-mRNA-1	NA	NA		Os02g0623400	OsR498G0204342200.01.T05	ALOG domain transcriptional regulator family protein 4-2B
maker-2-augustus-gene-259.50-mRNA-1	NA	NA		Os02g0629200	OsR498G0204364100.01.T01	PIP aquaporin
maker-2-augustus-gene-259.56-mRNA-1	NA	Indica		Os04g0522500	OsR498G0204367200.01.T01	Gibberellin 2-beta-dioxygenase 8
maker-2-augustus-gene-26.67-mRNA-1	NA	NA		0	OsR498G0202966500.01.T04	Dolichol kinase
maker-2-augustus-gene-26.74-mRNA-1	NA	Japonica		Os02g0147300	OsR498G0202968200.01.T02	TOG domain-containing protein
maker-2-augustus-gene-260.0-mRNA-1	NA	NA		Os02g0631000	OsR498G0204369900.01.T01	
maker-2-augustus-gene-260.12-mRNA-1	NA	NA		0	OsR498G0204370600.01.T01	Regulator of nonsense transcripts 2
maker-2-augustus-gene-260.16-mRNA-1	NA	NA		Os02g0631700	OsR498G0204371000.01.T01	Two-component response regulator ORR5
maker-2-augustus-gene-260.9-mRNA-1	NA	NA		Os02g0631200	OsR498G0204370400.01.T05	Putative homeodomain-like transcription factor superfamily protein
maker-2-augustus-gene-261.32-mRNA-1	NA	NA		Os02g0632500	OsR498G0204376100.01.T06	ADP-ribosylation factor GTPase-activating protein AGD4-like
maker-2-augustus-gene-262.27-mRNA-1	NA	Indica	Kinase-TM	Os02g0633066	OsR498G0204379000.01.T01	Wall-associated receptor kinase 2-like
maker-2-augustus-gene-262.30-mRNA-1	NA	NA	Kinase-TM			Wall-associated receptor kinase 4
maker-2-augustus-gene-262.38-mRNA-1	NA	NA				B-block binding subunit of TFIIC
maker-2-augustus-gene-262.44-mRNA-1	NA	NA		Os02g0633400	OsR498G0204380600.01.T01	Replication factor A
maker-2-augustus-gene-262.48-mRNA-1	NA	NA		0	OsR498G0204381800.01.T01	Glycosyltransferase
maker-2-augustus-gene-265.24-mRNA-1	NA	NA				Retrotransposon protein, putative, Ty3-gypsy sub-class
maker-2-augustus-gene-266.32-mRNA-1	NA	Indica		Os02g0642700	OsR498G0204405900.01.T02	CAP10 domain-containing protein

maker-2-augustus-gene-266.52-mRNA-1	NA	NA		Os02g0643000	OsR498G0204407200.01.T01	MSP domain-containing protein (Fragment)
maker-2-augustus-gene-266.56-mRNA-1	NA	NA		Os02g0643200	OsR498G0204408000.01.T01	Axial regulator YABBY 1
maker-2-augustus-gene-267.0-mRNA-1	NA	Indica		Os04g0537800	OsR498G0204410700.01.T01	Cysteine-rich repeat secretory protein 15
maker-2-augustus-gene-267.17-mRNA-1	NA	NA		Os02g0645100	OsR498G0204416000.01.T02	Kinesin-related protein1
maker-2-augustus-gene-267.19-mRNA-1	NA	NA		Os11g0660000	OsR498G0204415200.01.T01	Magnesiumproton exchanger
maker-2-augustus-gene-267.27-mRNA-1	NA	NA		Os02g0645100	OsR498G0204416000.01.T02	Kinesin-like protein KIN-7C
maker-2-augustus-gene-27.15-mRNA-1	NA	NA		Os02g0147800	OsR498G0202970100.01.T01	Pathogenesis-related homeodomain protein
maker-2-augustus-gene-27.22-mRNA-1	NA	NA		0	OsR498G0202973100.01.T01	COP1-interactive protein 1-like isoform X2
maker-2-augustus-gene-27.4-mRNA-1	NA	NA		Os02g0147700	OsR498G0202969700.01.T02	DNA-binding protein BIN4
maker-2-augustus-gene-274.29-mRNA-1	NA	NA		Os02g0658600	OsR498G0204456300.01.T01	Expansin-like EG45 domain-containing protein
maker-2-augustus-gene-276.14-mRNA-1	NA	NA				BEACH-type PH domain-containing protein
maker-2-augustus-gene-28.15-mRNA-1	NA	NA		Os02g0150700	OsR498G0202981900.01.T02	E3 ubiquitin-protein ligase Arkadia
maker-2-augustus-gene-28.19-mRNA-1	NA	Indica		Os02g0150800	OsR498G0202982300.01.T05	Putative LOV domain-containing protein
maker-2-augustus-gene-28.22-mRNA-1	NA	Indica		Os02g0150100	OsR498G0202980400.01.T02	DEAD-box ATP-dependent RNA helicase 35A
maker-2-augustus-gene-282.24-mRNA-1	NA	NA		Os02g0673500	OsR498G0204505500.01.T02	Transcription factor bHLH157
maker-2-augustus-gene-29.0-mRNA-1	NA	NA		Os02g0151400	OsR498G0202985100.01.T06	KARI N-terminal Rossmann domain-containing protein
maker-2-augustus-gene-29.11-mRNA-1	NA	NA		Os02g0152400	OsR498G0202986700.01.T01	Ribulose biphosphate carboxylase small chain
maker-2-augustus-gene-29.13-mRNA-1	NA	NA		Os02g0150900	OsR498G0202982600.01.T02	C2H2-type domain-containing protein (Fragment)
maker-2-augustus-gene-29.19-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0202983400.01.T02	Putative leucine-rich repeat receptor-like protein kinase
maker-2-augustus-gene-29.22-mRNA-1	NA	NA		Os02g0151300	OsR498G0202983600.01.T01	Endoglucanase
maker-2-augustus-gene-29.24-mRNA-1	NA	NA		Os10g0408700		Protein-serine/threonine phosphatase
maker-2-augustus-gene-29.27-mRNA-1	NA	NA		Os02g0152500	OsR498G0202986600.01.T02	Fibronectin
maker-2-augustus-gene-29.5-mRNA-1	NA	NA		Os05g0573700	OsR498G0511380000.01.T03	Acetohydroxy-acid reductoisomerase
maker-2-augustus-gene-29.8-mRNA-1	NA	NA	CC-Kinase-TM	Os02g0152300	OsR498G0202986300.01.T01	Cyclophilin-like peptidyl-prolyl cis-trans isomerase family protein isoform 1
maker-2-augustus-gene-296.16-mRNA-1	NA	NA		Os02g0700700	OsR498G0204601200.01.T03	Protein BREVIS RADIX
maker-2-augustus-gene-296.6-mRNA-1	NA	NA	Kinase-TM	Os02g0700600	OsR498G0204600900.01.T03	Serine/threonine-protein kinase MHK
maker-2-augustus-gene-297.73-mRNA-1	NA	NA				Plant specific Rop nucleotide exchanger, PRONE
maker-2-augustus-gene-298.0-mRNA-1	NA	Indica		Os02g0703600	OsR498G0204611500.01.T01	Abscisic acid 8'-hydroxylase
maker-2-augustus-gene-3.41-mRNA-1	NA	NA		Os02g0105900	OsR498G0202815400.01.T01	S4 RNA-binding domain-containing protein (Fragment)
maker-2-augustus-gene-30.16-mRNA-1	NA	NA		Os02g0152900	OsR498G0202988400.01.T01	Putative WAS/WASL-interacting protein family member 1-like
maker-2-augustus-gene-30.7-mRNA-1	NA	NA		Os02g0152600		DNA-directed RNA polymerase subunit
maker-2-augustus-gene-30.9-mRNA-1	NA	NA		0	OsR498G0202987400.01.T07	DNA-directed RNA polymerase subunit
maker-2-augustus-gene-301.26-mRNA-1	NA	NA		0	OsR498G0204626700.01.T01	Putative SET-domain transcriptional regulator
maker-2-augustus-gene-31.58-mRNA-1	NA	NA	LRR-TM	Os02g0157150		Protein kinase domain-containing protein (Fragment)
maker-2-augustus-gene-31.61-mRNA-1	NA	Indica		Os02g0157600	OsR498G0203001700.01.T01	Rhodanese domain-containing protein
maker-2-augustus-gene-31.66-mRNA-1	NA	NA	LRR-TM			Tyrosine-sulfated glycopeptide receptor 1
maker-2-augustus-gene-31.67-mRNA-1	NA	Japonica	LRR-TM	Os02g0157200	OsR498G0202990800.01.T01	Tyrosine-sulfated glycopeptide receptor 1
maker-2-augustus-gene-310.40-mRNA-1	NA	Indica		Os06g0284200	OsR498G0204688900.01.T01	O-fucosyltransferase family protein
maker-2-augustus-gene-310.55-mRNA-1	NA	NA		Os02g0727500	OsR498G0204691000.01.T01	Conserved alpha-helical protein
maker-2-augustus-gene-314.56-mRNA-1	NA	NA		0	OsR498G1120154400.01.T01	
maker-2-augustus-gene-316.5-mRNA-1	NA	NA		Os02g0738600	OsR498G0204735300.01.T01	Endoglucanase
maker-2-augustus-gene-32.51-mRNA-1	NA	NA		0	OsR498G0203002900.01.T01	RRM domain-containing protein (Fragment)
maker-2-augustus-gene-32.53-mRNA-1	NA	NA		Os02g0158300	OsR498G0203004900.01.T01	Arabinose 5-phosphate isomerase KdsD
maker-2-augustus-gene-32.68-mRNA-1	NA	NA		0	OsR498G0203002000.01.T05	Translation factor GUF1 homolog, mitochondrial
maker-2-augustus-gene-32.77-mRNA-1	NA	NA				single-stranded DNA-binding protein WHY2, mitochondrial
maker-2-augustus-gene-32.84-mRNA-1	NA	NA		Os02g0158600	OsR498G0203005600.01.T01	
maker-2-augustus-gene-321.38-mRNA-1	NA	NA		0	OsR498G1019076900.01.T01	Retrotransposon protein, putative, unclassified
maker-2-augustus-gene-322.42-mRNA-1	NA	NA		Os06g0685200	OsR498G0613205200.01.T01	
maker-2-augustus-gene-322.44-mRNA-1	NA	NA		0	OsR498G0613204600.01.T01	FBD domain-containing protein
maker-2-augustus-gene-322.46-mRNA-1	NA	NA		Os06g0684000	OsR498G0613203200.01.T03	
maker-2-augustus-gene-322.53-mRNA-1	NA	NA		Os06g0685700	OsR498G0613206900.01.T04	Auxin response factor
maker-2-augustus-gene-322.56-mRNA-1	NA	NA		0	OsR498G0613205300.01.T01	Calcium lipid binding protein, putative
maker-2-augustus-gene-322.63-mRNA-1	NA	NA		0	OsR498G0816152000.01.T01	Endonuclease
maker-2-augustus-gene-323.0-mRNA-1	NA	NA		Os06g0683200	OsR498G0613200400.01.T01	KOW domain-containing protein
maker-2-augustus-gene-323.15-mRNA-1	NA	NA		Os06g0682750	OsR498G0613199200.01.T01	SWAP (Suppressor-of-White-Apricot)/surp RNA-binding domain-containing p
maker-2-augustus-gene-323.16-mRNA-1	NA	Japonica		Os06g0682750	OsR498G0204682400.01.T01	AAI domain-containing protein
maker-2-augustus-gene-323.21-mRNA-1	NA	NA		Os06g0681200	OsR498G0613194400.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-2-augustus-gene-323.23-mRNA-1	NA	NA		Os06g0681100	OsR498G0613194000.01.T01	DUF629 domain-containing protein
maker-2-augustus-gene-323.25-mRNA-1	NA	NA		Os06g0683300	OsR498G0613200500.01.T05	Beta-glucosidase 25
maker-2-augustus-gene-323.3-mRNA-1	NA	NA		Os06g0683100	OsR498G0613200200.01.T03	Dihydroflavonol-4-reductase
maker-2-augustus-gene-323.31-mRNA-1	NA	NA		Os06g0683000	OsR498G0613199900.01.T01	Dihydroflavonol-4-reductase-like isoform X1

maker-2-augustus-gene-323.33-mRNA-1	NA	NA		Os06g0681700	OsR498G0613197700.01.T01	thiamine-repressible mitochondrial transport protein THI74
maker-2-augustus-gene-323.36-mRNA-1	NA	NA		Os06g0681600	OsR498G0613197300.01.T01	Peroxidase
maker-2-augustus-gene-323.37-mRNA-1	NA	NA		Os06g0681600	OsR498G0613197300.01.T02	Peroxidase
maker-2-augustus-gene-323.5-mRNA-1	NA	NA		Os06g0682900	OsR498G0613199600.01.T02	Protein HEAT-STRESS-ASSOCIATED 32
maker-2-augustus-gene-323.9-mRNA-1	NA	NA				Zinc finger CCCH domain-containing protein 13
maker-2-augustus-gene-324.26-mRNA-1	NA	NA		Os11g0599101	OsR498G1120454300.01.T02	DUF629 domain-containing protein
maker-2-augustus-gene-324.28-mRNA-1	NA	NA		0	OsR498G0613192000.01.T02	Glucose-6-phosphate/phosphate translocator 2, chloroplastic
maker-2-augustus-gene-324.31-mRNA-1	NA	NA		Os06g0680900	OsR498G0613192000.01.T01	Exostosin domain-containing protein
maker-2-augustus-gene-324.33-mRNA-1	NA	NA		0	OsR498G0613183800.01.T01	RNI-like superfamily protein isoform 2
maker-2-augustus-gene-324.36-mRNA-1	NA	NA		Os06g0680700	OsR498G0613191300.01.T01	Cytochrome P450, E-class, group I
maker-2-augustus-gene-324.38-mRNA-1	NA	NA		Os06g0680500	OsR498G0613191100.01.T03	Glutamate receptor
maker-2-augustus-gene-324.42-mRNA-1	NA	NA		Os06g0679800	OsR498G0613183900.01.T01	Heat shock protein 16
maker-2-augustus-gene-325.0-mRNA-1	NA	NA		Os06g0679400	OsR498G0613183000.01.T01	Myb domain protein 101
maker-2-augustus-gene-325.10-mRNA-1	NA	NA		Os06g0678200	OsR498G0613178200.01.T01	Geranyl pyrophosphate synthase
maker-2-augustus-gene-325.16-mRNA-1	NA	NA		Os06g0679500	OsR498G0613183300.01.T01	Hexosyltransferase
maker-2-augustus-gene-325.2-mRNA-1	NA	NA		Os06g0678800	OsR498G0613181000.01.T01	L-ascorbate oxidase homolog isoform X1
maker-2-augustus-gene-325.21-mRNA-1	NA	NA		Os02g0656300	OsR498G0204447900.01.T01	Anaphase-promoting complex subunit 8 like
maker-2-augustus-gene-325.25-mRNA-1	NA	NA		Os06g0678100		Auxilin-like protein 1 isoform C
maker-2-augustus-gene-325.5-mRNA-1	NA	NA				BEACH domain-containing protein lvsC
maker-2-augustus-gene-326.26-mRNA-1	NA	NA		Os06g0677800	OsR498G0613174400.01.T03	Auxin response factor
maker-2-augustus-gene-326.31-mRNA-1	NA	NA				Patatin group A-3
maker-2-augustus-gene-326.33-mRNA-1	NA	NA	Kinase-TM	Os06g0676600	OsR498G0613170800.01.T03	Serine/threonine protein kinase Stpk-D
maker-2-augustus-gene-326.37-mRNA-1	NA	NA		Os06g0677700	OsR498G0613174100.01.T01	Cleavage and polyadenylation specificity factor like
maker-2-augustus-gene-326.42-mRNA-1	NA	NA	LRR	Os06g0677500	OsR498G0613173700.01.T01	Protein geranylgeranyltransferase type II
maker-2-augustus-gene-326.46-mRNA-1	NA	NA		Os06g0677400	OsR498G0613173500.01.T04	3-hydroxyisobutyrate dehydrogenase
maker-2-augustus-gene-326.51-mRNA-1	NA	NA		Os06g0677300	OsR498G0613173300.01.T01	RING-CH-type domain-containing protein (Fragment)
maker-2-augustus-gene-327.11-mRNA-1	NA	NA		Os06g0675700	OsR498G0613167000.01.T01	Glycosyl hydrolases family 31 protein
maker-2-augustus-gene-327.14-mRNA-1	NA	NA		Os06g0675600	OsR498G0613166500.01.T01	NAC transcription factor 7
maker-2-augustus-gene-327.16-mRNA-1	NA	NA		0	OsR498G0613164900.01.T06	BTB domain-containing protein
maker-2-augustus-gene-327.4-mRNA-1	NA	NA		0	OsR498G0613167600.01.T04	Metal transporter Nramp3
maker-2-augustus-gene-328.23-mRNA-1	NA	NA		Os06g0674100	OsR498G0613164400.01.T02	
maker-2-augustus-gene-328.27-mRNA-1	NA	NA		Os06g0674000	OsR498G0613163800.01.T02	
maker-2-augustus-gene-328.29-mRNA-1	NA	NA		Os06g0673300	OsR498G0613162800.01.T04	Ubiquitin-like domain-containing protein
maker-2-augustus-gene-328.31-mRNA-1	NA	NA		Os06g0672801	OsR498G0613160200.01.T01	DUF862 domain-containing protein
maker-2-augustus-gene-328.33-mRNA-1	NA	NA		0	OsR498G0613159800.01.T01	DUF862 domain-containing protein
maker-2-augustus-gene-329.26-mRNA-1	NA	NA		Os06g0671900	OsR498G0613156400.01.T01	Tubulin beta chain
maker-2-augustus-gene-329.30-mRNA-1	NA	NA		Os06g0671300	OsR498G0613153800.01.T01	Ent-isokaurene C2-hydroxylase-like
maker-2-augustus-gene-329.32-mRNA-1	NA	NA		Os06g0671800	OsR498G0613156100.01.T02	Patellin-4
maker-2-augustus-gene-329.35-mRNA-1	NA	NA		0	OsR498G0613155900.01.T03	Twinkle homolog protein chloroplastic/mitochondrial
maker-2-augustus-gene-329.40-mRNA-1	NA	NA		Os06g0671000	OsR498G0613151300.01.T04	Potassium transporter
maker-2-augustus-gene-329.46-mRNA-1	NA	NA		Os06g0670500	OsR498G0613149700.01.T05	Peptidyl-prolyl cis-trans isomerase
maker-2-augustus-gene-329.52-mRNA-1	NA	NA		Os06g0670500	OsR498G0613149500.01.T03	Peptidyl-prolyl cis-trans isomerase
maker-2-augustus-gene-330.0-mRNA-1	NA	Japonica		Os02g0160100	OsR498G0203010500.01.T01	
maker-2-augustus-gene-330.0-mRNA-1	NA	NA		Os06g0670100	OsR498G0613146600.01.T01	Dentin sialophosphoprotein-like
maker-2-augustus-gene-330.13-mRNA-1	NA	NA		Os06g0669400	OsR498G0613145400.01.T05	ATP-dependent zinc metalloprotease
maker-2-augustus-gene-330.17-mRNA-1	NA	NA		0	OsR498G0613145000.01.T02	Nucleotidyltransferase family protein isoform 4
maker-2-augustus-gene-330.2-mRNA-1	NA	NA		Os06g0669700	OsR498G0613145800.01.T01	HTH myb-type domain-containing protein (Fragment)
maker-2-augustus-gene-330.25-mRNA-1	NA	NA		Os06g0669150	OsR498G0613144600.01.T02	BHLH domain-containing protein
maker-2-augustus-gene-330.27-mRNA-1	NA	NA		0	OsR498G0613143800.01.T01	CRIB domain-containing protein
maker-2-augustus-gene-330.29-mRNA-1	NA	NA		Os06g0670300	OsR498G0613148900.01.T01	HTH myb-type domain-containing protein
maker-2-augustus-gene-330.31-mRNA-1	NA	NA		0	OsR498G0613146300.01.T02	Molybdenum cofactor sulfurase
maker-2-augustus-gene-330.38-mRNA-1	NA	NA		Os06g0669800	OsR498G0613145900.01.T02	OTU domain-containing protein
maker-2-augustus-gene-330.8-mRNA-1	NA	NA		0	OsR498G0613145600.01.T01	Component of oligomeric Golgi complex 7
maker-2-augustus-gene-331.44-mRNA-1	NA	NA		Os06g0668200	OsR498G0613141000.01.T01	Phosphoglycerate kinase
maker-2-augustus-gene-331.49-mRNA-1	NA	NA		Os06g0667600	OsR498G0613139600.01.T01	Glycine cleavage system H protein (Fragment)
maker-2-augustus-gene-331.52-mRNA-1	NA	NA		Os11g0205500	OsR498G1119581200.01.T01	
maker-2-augustus-gene-331.54-mRNA-1	NA	NA		Os06g0666600	OsR498G0613135200.01.T02	Glyceraldehyde-3-phosphate dehydrogenase
maker-2-augustus-gene-331.58-mRNA-1	NA	NA		Os03g0322500	OsR498G0613139300.01.T03	14 kDa zinc-binding protein (Fragment)
maker-2-augustus-gene-331.65-mRNA-1	NA	NA				MADS-box protein ZMM17
maker-2-augustus-gene-332.28-mRNA-1	NA	NA				Copper-transporting ATPase RAN1
maker-2-augustus-gene-332.30-mRNA-1	NA	NA		Os06g0665500	OsR498G0613126200.01.T02	Allantoate amidohydrolase

maker-2-augustus-gene-332.34-mRNA-1	NA	NA		Os06g0666100	OsR498G0613130900.01.T02	B box-type domain-containing protein (Fragment)
maker-2-augustus-gene-332.38-mRNA-1	NA	NA		Os06g0665900	OsR498G0613129900.01.T01	Thiol reductase thioredoxin
maker-2-augustus-gene-333.0-mRNA-1	NA	NA		0	OsR498G0613125000.01.T01	X8 domain-containing protein (Fragment)
maker-2-augustus-gene-333.11-mRNA-1	NA	NA		Os11g0540100	OsR498G0613121600.01.T01	Xaa-Pro aminopeptidase P
maker-2-augustus-gene-333.20-mRNA-1	NA	NA		Os06g0663800	OsR498G0613120200.01.T01	Peptidylprolyl isomerase
maker-2-augustus-gene-333.23-mRNA-1	NA	NA		Os06g0663600	OsR498G0613119800.01.T05	DUF295 domain-containing protein
maker-2-augustus-gene-333.27-mRNA-1	NA	NA		0	OsR498G0613119200.01.T01	SQUAMOSA promoter binding-like transcription factor
maker-2-augustus-gene-333.28-mRNA-1	NA	NA		Os06g0665000	OsR498G0613124300.01.T02	ALA-interacting subunit
maker-2-augustus-gene-333.31-mRNA-1	NA	NA		0	OsR498G0613123100.01.T01	Octamer-binding transcription factor
maker-2-augustus-gene-333.33-mRNA-1	NA	NA		Os06g0664300	OsR498G0613122300.01.T02	Vacuolar-sorting receptor 6 like
maker-2-augustus-gene-333.4-mRNA-1	NA	NA		Os06g0664400	OsR498G0613123000.01.T01	Receptor-like protein 12-like
maker-2-augustus-gene-333.40-mRNA-1	NA	NA	Kinase	Os06g0663900	OsR498G0613121100.01.T03	Receptor-like cytosolic serine/threonine-protein kinase RBK1
maker-2-augustus-gene-333.46-mRNA-1	NA	NA	Kinase-TM	Os06g0663400	OsR498G0613118900.01.T01	serine/threonine-protein kinase STY13
maker-2-augustus-gene-333.7-mRNA-1	NA	NA		Os06g0664200	OsR498G0613121800.01.T02	D-fructose-1,6-bisphosphate 1-phosphohydrolase
maker-2-augustus-gene-334.0-mRNA-1	NA	NA	Kinase	Os06g0663200	OsR498G0613117600.01.T02	Putative serine/threonine-protein kinase PBL17
maker-2-augustus-gene-334.10-mRNA-1	NA	NA		Os06g0662200	OsR498G0613112800.01.T01	Basic leucine zipper 9
maker-2-augustus-gene-334.12-mRNA-1	NA	NA		Os06g0662000	OsR498G0613112200.01.T01	V-ATPase 69 kDa subunit
maker-2-augustus-gene-334.4-mRNA-1	NA	NA		0	OsR498G0613117200.01.T01	tRNA pseudouridine synthase A
maker-2-augustus-gene-335.36-mRNA-1	NA	NA		Os06g0661900	OsR498G0613112000.01.T04	Core-2/l-branching beta-16-N-acetylglucosaminyltransferase family protein
maker-2-augustus-gene-335.40-mRNA-1	NA	NA		Os06g0661800	OsR498G0613111800.01.T01	Cryptochrome DASH chloroplastic/mitochondrial
maker-2-augustus-gene-335.43-mRNA-1	NA	NA		Os06g0661700	OsR498G0613111400.01.T03	Rab-GAP TBC domain-containing protein (Fragment)
maker-2-augustus-gene-335.48-mRNA-1	NA	NA		Os06g0661500	OsR498G0613111000.01.T01	Serine/threonine-protein kinase STY17
maker-2-augustus-gene-335.50-mRNA-1	NA	NA		Os06g0660600		NAM-associated domain-containing protein (Fragment)
maker-2-augustus-gene-335.53-mRNA-1	NA	NA		Os06g0661766	OsR498G0613111500.01.T06	
maker-2-augustus-gene-335.55-mRNA-1	NA	NA				ENTH domain-containing protein (Fragment)
maker-2-augustus-gene-335.60-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0613109100.01.T01	Protein STRUBBELIG-RECEPTOR FAMILY 1
maker-2-augustus-gene-335.67-mRNA-1	NA	NA		Os06g0660700	OsR498G0613108700.01.T03	UBC core domain-containing protein (Fragment)
maker-2-augustus-gene-335.71-mRNA-1	NA	NA		Os06g0660200	OsR498G0613105900.01.T01	Auxin efflux carrier component
maker-2-augustus-gene-336.32-mRNA-1	NA	NA		Os06g0659300	OsR498G0613102400.01.T03	HP domain-containing protein (Fragment)
maker-2-augustus-gene-336.39-mRNA-1	NA	NA		0	OsR498G0816152000.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-2-augustus-gene-336.42-mRNA-1	NA	NA		Os06g0659500	OsR498G0613103300.01.T01	Glutaredoxin
maker-2-augustus-gene-336.45-mRNA-1	NA	NA				TRICHOME BIREFRINGENCE-LIKE 5
maker-2-augustus-gene-336.48-mRNA-1	NA	NA		Os06g0659100	OsR498G0613101300.01.T01	Squamosa promoter-binding-like protein 5
maker-2-augustus-gene-336.50-mRNA-1	NA	NA		0	OsR498G0613100100.01.T04	Homogentisate geranylgeranyl transferase
maker-2-augustus-gene-337.40-mRNA-1	NA	NA				DUF659 domain-containing protein (Fragment)
maker-2-augustus-gene-337.48-mRNA-1	NA	NA		Os06g0658500	OsR498G0613099100.01.T02	
maker-2-augustus-gene-339.31-mRNA-1	NA	NA		Os02g0751800	OsR498G0204787900.01.T02	Phosphoglycerate mutase (2,3-diphosphoglycerate-dependent)
maker-2-augustus-gene-339.36-mRNA-1	NA	NA				Inositol polyphosphate 5-phosphatase I
maker-2-augustus-gene-339.38-mRNA-1	NA	NA		0	OsR498G0204789700.01.T02	POLIIIaC domain-containing protein (Fragment)
maker-2-augustus-gene-339.40-mRNA-1	NA	NA		Os02g0753000	OsR498G0204791500.01.T01	Trehalose-6-phosphate phosphatase J
maker-2-augustus-gene-339.43-mRNA-1	NA	NA		Os02g0752000	OsR498G0204788400.01.T02	Random slug protein 5
maker-2-augustus-gene-339.46-mRNA-1	NA	NA		Os02g0752200	OsR498G0204788600.01.T01	probable beta-D-xylosidase 7
maker-2-augustus-gene-339.49-mRNA-1	NA	NA		Os02g0752300	OsR498G0204789600.01.T01	
maker-2-augustus-gene-34.35-mRNA-1	NA	NA				Zinc finger CCCH domain-containing protein 13
maker-2-augustus-gene-34.40-mRNA-1	NA	NA		0	OsR498G0203016300.01.T01	TATA-binding protein-associated factor BTAF1
maker-2-augustus-gene-34.54-mRNA-1	NA	NA		Os02g0163300		
maker-2-augustus-gene-340.28-mRNA-1	NA	NA		Os02g0753200	OsR498G0204792500.01.T01	Putative transcription factor
maker-2-augustus-gene-340.30-mRNA-1	NA	NA		Os02g0753300	OsR498G0204792700.01.T01	PLAT domain-containing protein 2
maker-2-augustus-gene-340.32-mRNA-1	NA	NA		Os02g0753900	OsR498G0204795300.01.T03	TLDc domain-containing protein
maker-2-augustus-gene-340.37-mRNA-1	NA	NA		Os02g0754000	OsR498G0204795500.01.T01	TLDc domain-containing protein (Fragment)
maker-2-augustus-gene-340.41-mRNA-1	NA	NA		Os02g0754300	OsR498G0204795900.01.T01	50S ribosomal protein L29 chloroplastic
maker-2-augustus-gene-340.43-mRNA-1	NA	NA		Os02g0754500	OsR498G0204797900.01.T01	outer envelope protein 64, mitochondrial
maker-2-augustus-gene-340.50-mRNA-1	NA	Japonica		Os02g0754600	OsR498G0204798100.01.T01	1,8-cineole synthase
maker-2-augustus-gene-340.52-mRNA-1	NA	NA		0	OsR498G0204794000.01.T01	Inactive TPR repeat-containing thioredoxin TTL3
maker-2-augustus-gene-340.55-mRNA-1	NA	NA		Os02g0753800	OsR498G0204795200.01.T02	Annexin
maker-2-augustus-gene-340.58-mRNA-1	NA	NA		Os02g0754100	OsR498G0204795800.01.T02	RNB domain-containing protein (Fragment)
maker-2-augustus-gene-340.63-mRNA-1	NA	NA		0	OsR498G0204796400.01.T01	Myb domain protein 93
maker-2-augustus-gene-340.66-mRNA-1	NA	NA		Os02g0754700	OsR498G0204798400.01.T03	Histidine--tRNA ligase
maker-2-augustus-gene-340.71-mRNA-1	NA	NA		Os02g0754900	OsR498G0204798800.01.T01	5'-adenylylsulfate reductase-like 3
maker-2-augustus-gene-340.73-mRNA-1	NA	NA		0	OsR498G0204799000.01.T01	Methyltransferase
maker-2-augustus-gene-341.3-mRNA-1	NA	NA		Os02g0755900	OsR498G0204801700.01.T01	Glycosyltransferase

maker-2-augustus-gene-341.5-mRNA-1	NA	NA		Os02g0755500	OsR498G0204800600.01.T01	UDP-glucuronosyl/UDP-glucosyltransferase
maker-2-augustus-gene-341.7-mRNA-1	NA	NA		Os02g0755600	OsR498G0204801000.01.T01	Glycosyltransferase
maker-2-augustus-gene-341.9-mRNA-1	NA	NA		Os02g0756100	OsR498G0204802400.01.T01	EPIDERMAL PATTERNING FACTOR-like protein 1
maker-2-augustus-gene-342.0-mRNA-1	NA	NA		Os06g0658300	OsR498G0613100100.01.T06	Homogentisate geranylgeranyl transferase
maker-2-augustus-gene-342.3-mRNA-1	NA	NA		Os06g0657500	OsR498G0613096300.01.T01	AP2-EREBP transcription factor
maker-2-augustus-gene-343.35-mRNA-1	NA	NA		Os06g0656500	OsR498G0613092000.01.T01	4-coumarate coenzyme A ligase
maker-2-augustus-gene-343.38-mRNA-1	NA	NA		Os06g0656700		
maker-2-augustus-gene-343.43-mRNA-1	NA	NA		Os06g0656000	OsR498G0613090100.01.T01	(R)-mandelonitrile lyase-like
maker-2-augustus-gene-344.0-mRNA-1	NA	NA		Os06g0655100	OsR498G0613087000.01.T01	Phosphoglycerate dehydrogenase
maker-2-augustus-gene-344.14-mRNA-1	NA	NA		Os06g0653900	OsR498G0613081200.01.T02	Protein transport protein subunit gamma
maker-2-augustus-gene-344.16-mRNA-1	NA	NA	Kinase-TM	Os06g0654500	OsR498G0613085100.01.T01	Concanavalin A-like lectin/glucanase domain, Serine/threonine-protein kina
maker-2-augustus-gene-344.18-mRNA-1	NA	NA		Os06g0654300	OsR498G0613083100.01.T01	Sortase system response regulator
maker-2-augustus-gene-344.7-mRNA-1	NA	NA		Os06g0654000	OsR498G0613081600.01.T01	Ubiquitin-specific protease 19
maker-2-augustus-gene-345.0-mRNA-1	NA	NA		Os06g0653200	OsR498G0613080000.01.T01	Transcription factor IBH1-like 1
maker-2-augustus-gene-345.12-mRNA-1	NA	NA		Os09g0425900	OsR498G0613079700.01.T01	Tetraspanin/Peripherin
maker-2-augustus-gene-345.17-mRNA-1	NA	NA		Os06g0652600	OsR498G0613077700.01.T01	Fibroin heavy chain-like
maker-2-augustus-gene-345.19-mRNA-1	NA	NA				E3 ubiquitin-protein ligase DA2-like isoform X1
maker-2-augustus-gene-345.2-mRNA-1	NA	NA		0	OsR498G0613076600.01.T01	Heptahelical transmembrane protein 2
maker-2-augustus-gene-345.21-mRNA-1	NA	NA		Os06g0652000	OsR498G0613076100.01.T01	DNA-directed RNA polymerase
maker-2-augustus-gene-345.28-mRNA-1	NA	NA				Hydrophobic protein OSR8
maker-2-augustus-gene-345.4-mRNA-1	NA	NA		Os06g0651600	OsR498G0613075200.01.T03	Protein-serine/threonine phosphatase
maker-2-augustus-gene-345.9-mRNA-1	NA	NA		Os06g0651300	OsR498G0613075000.01.T01	Protein-serine/threonine phosphatase
maker-2-augustus-gene-346.0-mRNA-1	NA	NA		Os06g0651100	OsR498G0613074600.01.T01	NADPH-dependent HC-toxin reductase
maker-2-augustus-gene-346.11-mRNA-1	NA	NA		0	OsR498G0613071000.01.T01	N-acetyltransferase HLS1
maker-2-augustus-gene-346.13-mRNA-1	NA	NA		Os06g0649900	OsR498G0613070000.01.T03	PLD phosphodiesterase domain-containing protein
maker-2-augustus-gene-346.15-mRNA-1	NA	NA		Os06g0649800	OsR498G0613069400.01.T01	Putative GMP synthase [glutamine-hydrolyzing]
maker-2-augustus-gene-346.19-mRNA-1	NA	NA		Os06g0651200		
maker-2-augustus-gene-346.21-mRNA-1	NA	NA		Os06g0650600	OsR498G0613072900.01.T04	Transmembrane 9 superfamily member
maker-2-augustus-gene-346.3-mRNA-1	NA	NA		Os06g0651000	OsR498G0613074200.01.T01	NADPH-dependent HC-toxin reductase
maker-2-augustus-gene-346.6-mRNA-1	NA	NA		Os06g0650900	OsR498G0613074000.01.T01	J domain-containing protein (Fragment)
maker-2-augustus-gene-346.8-mRNA-1	NA	NA		Os06g0650800	OsR498G0613073200.01.T01	Magnesium transporter
maker-2-augustus-gene-347.30-mRNA-1	NA	NA		Os06g0649000	OsR498G0613065200.01.T01	WRKY transcription factor
maker-2-augustus-gene-347.32-mRNA-1	NA	NA		Os06g0648500	OsR498G0613064000.01.T01	Protein POLAR LOCALIZATION DURING ASYMMETRIC DIVISION AND REDISTR
maker-2-augustus-gene-347.34-mRNA-1	NA	NA		Os06g0647900	OsR498G0613062800.01.T01	
maker-2-augustus-gene-347.37-mRNA-1	NA	NA		Os06g0649500	OsR498G0613067300.01.T01	Transcription initiation factor TFIID subunit like
maker-2-augustus-gene-348.0-mRNA-1	NA	NA		Os06g0647400	OsR498G0613061000.01.T01	Lysosomal Pro-X carboxypeptidase
maker-2-augustus-gene-348.10-mRNA-1	NA	NA		0	OsR498G0613058600.01.T02	BZIP transcription factor (Fragment)
maker-2-augustus-gene-348.16-mRNA-1	NA	NA		Os06g0646600	OsR498G0613057800.01.T04	Knotted 7
maker-2-augustus-gene-348.19-mRNA-1	NA	NA		Os06g0646000	OsR498G0613055600.01.T01	Methyltransferase-like
maker-2-augustus-gene-348.27-mRNA-1	NA	NA		Os06g0647100	OsR498G0613059700.01.T01	50S ribosomal protein L35, chloroplastic
maker-2-augustus-gene-348.29-mRNA-1	NA	NA		Os06g0646500	OsR498G0613057500.01.T01	ATP synthase subunit O mitochondrial
maker-2-augustus-gene-348.34-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0613057100.01.T01	Trithorax group protein osa-like
maker-2-augustus-gene-348.4-mRNA-1	NA	NA		Os06g0646900	OsR498G0613059200.01.T01	Homogentisate geranylgeranyl transferase
maker-2-augustus-gene-349.0-mRNA-1	NA	NA		0	OsR498G0613055400.01.T02	Transcription initiation factor TFIID subunit 1
maker-2-augustus-gene-349.10-mRNA-1	NA	NA		Os06g0644800	OsR498G0613052600.01.T01	PRKCSH domain-containing protein (Fragment)
maker-2-augustus-gene-349.14-mRNA-1	NA	Indica		Os02g0183700	OsR498G0613053500.01.T02	Isoleucyl-tRNA synthetase
maker-2-augustus-gene-349.22-mRNA-1	NA	NA		0	OsR498G0613052100.01.T01	Transducin family protein / WD-40 repeat family protein
maker-2-augustus-gene-349.38-mRNA-1	NA	NA		Os06g0644200	OsR498G0613050500.01.T03	H(+)-exporting diphosphatase
maker-2-augustus-gene-349.45-mRNA-1	NA	NA		Os06g0644100	OsR498G0613050100.01.T01	ER membrane protein complex subunit 7 like
maker-2-augustus-gene-349.5-mRNA-1	NA	NA		Os06g0645600		PLATZ transcription factor family protein
maker-2-augustus-gene-349.8-mRNA-1	NA	NA				
maker-2-augustus-gene-35.0-mRNA-1	NA	NA		Os02g0163400		
maker-2-augustus-gene-35.20-mRNA-1	NA	NA	Kinase-TM	Os02g0165100	OsR498G0203030300.01.T07	Serine/threonine protein kinase Stpk-B
maker-2-augustus-gene-35.23-mRNA-1	NA	NA		0	OsR498G0203030300.01.T05	Protein kinase domain-containing protein
maker-2-augustus-gene-35.26-mRNA-1	NA	NA		Os02g0163500		
maker-2-augustus-gene-35.28-mRNA-1	NA	NA		Os02g0163600		
maker-2-augustus-gene-35.30-mRNA-1	NA	NA		Os02g0164000		
maker-2-augustus-gene-350.27-mRNA-1	NA	NA		Os06g0643900	OsR498G0613049800.01.T01	Purple acid phosphatase
maker-2-augustus-gene-350.32-mRNA-1	NA	Indica		Os02g0184400	OsR498G0613048800.01.T01	UDP-glucose-fructose-phosphate glucosyltransferase
maker-2-augustus-gene-350.46-mRNA-1	NA	NA		Os06g0643700	OsR498G0613048600.01.T01	Heptahelical transmembrane protein 1
maker-2-augustus-gene-350.49-mRNA-1	NA	NA		Os06g0643600	OsR498G0613048200.01.T01	DNA-(apurinic or apyrimidinic site) lyase

maker-2-augustus-gene-350.53-mRNA-1	NA	NA		Os06g0643100	OsR498G0613046600.01.T01	Proteasome endopeptidase complex
maker-2-augustus-gene-350.64-mRNA-1	NA	NA		Os06g0642900	OsR498G0613045600.01.T01	Ubiquitin system component Cue protein
maker-2-augustus-gene-350.67-mRNA-1	NA	NA		0	OsR498G0613044800.01.T01	Ubiquitin system component Cue protein
maker-2-augustus-gene-350.70-mRNA-1	NA	Indica		Os02g0186800	OsR498G0613044600.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-351.44-mRNA-1	NA	NA		Os11g0635500	OsR498G0613042000.01.T01	Cytochrome P450 family protein, expressed
maker-2-augustus-gene-351.46-mRNA-1	NA	NA		Os06g0671300	OsR498G0613044300.01.T01	Ent-cassadiene C2-hydroxylase
maker-2-augustus-gene-351.48-mRNA-1	NA	NA		Os06g0641500	OsR498G0613041700.01.T02	Ent-cassadiene C2-hydroxylase
maker-2-augustus-gene-351.49-mRNA-1	NA	NA		Os06g0640800	OsR498G0613039900.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-351.50-mRNA-1	NA	NA		Os06g0640500	OsR498G0613038900.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-351.58-mRNA-1	NA	NA		Os06g0640800	OsR498G0613040900.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-352.27-mRNA-1	NA	NA		Os02g0751800	OsR498G0204787900.01.T02	Phosphoglycerate mutase (2,3-diphosphoglycerate-dependent)
maker-2-augustus-gene-352.32-mRNA-1	NA	NA				Inositol polyphosphate 5-phosphatase I
maker-2-augustus-gene-352.34-mRNA-1	NA	NA		0	OsR498G0204789700.01.T02	POLIIIAc domain-containing protein (Fragment)
maker-2-augustus-gene-352.36-mRNA-1	NA	NA		Os02g0752000	OsR498G0204788400.01.T02	Random slug protein 5
maker-2-augustus-gene-352.39-mRNA-1	NA	NA		Os02g0752200	OsR498G0204788600.01.T01	probable beta-D-xylosidase 7
maker-2-augustus-gene-352.42-mRNA-1	NA	NA		Os02g0752300	OsR498G0204789600.01.T01	
maker-2-augustus-gene-353.27-mRNA-1	NA	NA		Os02g0753000	OsR498G0204791500.01.T01	Trehalose-6-phosphate phosphatase J
maker-2-augustus-gene-353.30-mRNA-1	NA	NA		Os02g0753200	OsR498G0204792500.01.T01	Putative transcription factor
maker-2-augustus-gene-353.32-mRNA-1	NA	NA		Os02g0753300	OsR498G0204792700.01.T01	PLAT domain-containing protein 2
maker-2-augustus-gene-353.34-mRNA-1	NA	NA		Os02g0753900	OsR498G0204795300.01.T03	TLDC domain-containing protein
maker-2-augustus-gene-353.39-mRNA-1	NA	NA		Os02g0754000	OsR498G0204795500.01.T01	TLDC domain-containing protein (Fragment)
maker-2-augustus-gene-353.45-mRNA-1	NA	NA		Os02g0754500	OsR498G0204797900.01.T01	outer envelope protein 64, mitochondrial
maker-2-augustus-gene-353.52-mRNA-1	NA	Japonica		Os02g0754600	OsR498G0204798100.01.T01	1,8-cineole synthase
maker-2-augustus-gene-353.54-mRNA-1	NA	NA		0	OsR498G0204794000.01.T01	Inactive TPR repeat-containing thioredoxin TTL3
maker-2-augustus-gene-353.57-mRNA-1	NA	NA		Os02g0753800	OsR498G0204795200.01.T02	Annexin
maker-2-augustus-gene-353.60-mRNA-1	NA	NA		Os02g0754100	OsR498G0204795800.01.T02	RNB domain-containing protein (Fragment)
maker-2-augustus-gene-353.65-mRNA-1	NA	NA		0	OsR498G0204796400.01.T01	Myb domain protein 93
maker-2-augustus-gene-354.0-mRNA-1	NA	Indica		Os02g0755400	OsR498G0204800300.01.T01	Putative RNA-binding protein ARP1
maker-2-augustus-gene-354.10-mRNA-1	NA	NA		Os02g0754900	OsR498G0204798800.01.T01	5'-adenylylsulfate reductase-like 3
maker-2-augustus-gene-354.12-mRNA-1	NA	NA		0	OsR498G0204799000.01.T01	Methyltransferase
maker-2-augustus-gene-354.18-mRNA-1	NA	NA		Os02g0755500	OsR498G0204800600.01.T01	UDP-glucuronosyl/UDP-glucosyltransferase
maker-2-augustus-gene-354.20-mRNA-1	NA	NA		Os02g0755600	OsR498G0204801000.01.T01	Glycosyltransferase
maker-2-augustus-gene-354.22-mRNA-1	NA	NA		Os02g0756100	OsR498G0204802400.01.T01	EPIDERMAL PATTERNING FACTOR-like protein 1
maker-2-augustus-gene-354.3-mRNA-1	NA	NA		Os02g0755900	OsR498G0204801700.01.T01	Glycosyltransferase
maker-2-augustus-gene-354.5-mRNA-1	NA	NA		Os02g0754700	OsR498G0204798400.01.T03	Histidine--tRNA ligase
maker-2-augustus-gene-36.0-mRNA-1	NA	NA		Os09g0569450		Endoplasmic reticulum oxidoreductins 1 isoform 1
maker-2-augustus-gene-36.2-mRNA-1	NA	Indica		Os06g0675600	OsR498G0203032000.01.T02	NAC transcription factor
maker-2-augustus-gene-361.47-mRNA-1	NA	Japonica		Os02g0770500	OsR498G0204843700.01.T01	WRKY transcription factor 9
maker-2-augustus-gene-365.6-mRNA-1	NA	NA		0	OsR498G0204870100.01.T02	Opaque endosperm1
maker-2-augustus-gene-37.0-mRNA-1	NA	NA		0	OsR498G0203040300.01.T03	Holocarboxylase synthetase 2
maker-2-augustus-gene-37.10-mRNA-1	NA	NA		Os02g0167300	OsR498G0203041500.01.T01	Tubulin beta chain
maker-2-augustus-gene-37.20-mRNA-1	NA	Indica		Os02g0167500	OsR498G0203041800.01.T04	SUPPRESSOR OF ABI3-5
maker-2-augustus-gene-37.30-mRNA-1	NA	NA		Os02g0167700	OsR498G0203043400.01.T01	TIP120 domain-containing protein
maker-2-augustus-gene-37.39-mRNA-1	NA	Indica		Os02g0168100	OsR498G0203044400.01.T01	4-hydroxyphenylpyruvate dioxygenase
maker-2-augustus-gene-37.5-mRNA-1	NA	NA		Os02g0167100	OsR498G0203040500.01.T02	Thiosulfate transferase
maker-2-augustus-gene-372.59-mRNA-1	NA	NA		Os02g0789100	OsR498G0204913200.01.T03	Cyclic nucleotide-binding domain-containing protein (Fragment)
maker-2-augustus-gene-379.63-mRNA-1	NA	NA		0	OsR498G0204965600.01.T02	Adenylyltransferase and sulfurtransferase MOC53 1 Molybdopterin-synthase
maker-2-augustus-gene-38.14-mRNA-1	NA	NA		Os02g0167700	OsR498G0203043400.01.T03	Cullin-associated NEDD8-dissociated protein 1
maker-2-augustus-gene-38.33-mRNA-1	NA	NA		Os02g0168900	OsR498G0203047200.01.T01	Ribonuclease H2 subunit C
maker-2-augustus-gene-38.35-mRNA-1	NA	NA		Os02g0169000	OsR498G0203047400.01.T01	ATP-dependent zinc metalloprotease
maker-2-augustus-gene-38.39-mRNA-1	NA	NA		0	OsR498G0203051200.01.T03	Piwi domain-containing protein
maker-2-augustus-gene-38.4-mRNA-1	NA	NA		Os02g0169300	OsR498G0203048100.01.T02	Phosphoglycerate kinase
maker-2-augustus-gene-381.38-mRNA-1	NA	NA				zf-LSD1 domain-containing protein
maker-2-augustus-gene-381.43-mRNA-1	NA	NA		Os08g0487300	OsR498G0816350400.01.T01	Transposon protein, putative, Mutator sub-class
maker-2-augustus-gene-382.60-mRNA-1	NA	NA		Os02g0810900	OsR498G0204987500.01.T01	NAC transcription factor
maker-2-augustus-gene-383.0-mRNA-1	NA	Japonica	Kinase-TM	Os02g0811200	OsR498G0204979300.01.T01	Wall-associated receptor kinase 5
maker-2-augustus-gene-385.10-mRNA-1	NA	NA		0	OsR498G0205002700.01.T01	Carboxyl-terminal-processing peptidase 2
maker-2-augustus-gene-385.34-mRNA-1	NA	NA		Os02g0815800	OsR498G0205003000.01.T01	EXOSC1 domain-containing protein
maker-2-augustus-gene-385.38-mRNA-1	NA	NA	Kinase-TM	Os02g0815900	OsR498G0205003400.01.T01	Receptor-like serine/threonine-protein kinase ALE2 isoform A
maker-2-augustus-gene-385.6-mRNA-1	NA	NA		Os02g0815500	OsR498G0205002300.01.T01	S-(hydroxymethyl)glutathione dehydrogenase
maker-2-augustus-gene-39.34-mRNA-1	NA	NA		Os02g0170100	OsR498G0203054900.01.T01	Glycine cleavage system H protein (Fragment)

maker-2-augustus-gene-390.101-mRNA-1	NA	NA		Os02g0825650		
maker-2-augustus-gene-390.78-mRNA-1	NA	Japonica		Os02g0825100	OsR498G0205036400.01.T01	F-box domain-containing protein
maker-2-augustus-gene-390.95-mRNA-1	NA	NA				Transposon protein, putative, unclassified
maker-2-augustus-gene-390.97-mRNA-1	NA	NA				Signal peptide peptidase
maker-2-augustus-gene-390.99-mRNA-1	NA	NA		0	OsR498G0203543000.01.T01	Plasma membrane ATPase
maker-2-augustus-gene-391.24-mRNA-1	NA	NA				HAT family dimerisation domain containing protein
maker-2-augustus-gene-393.45-mRNA-1	NA	NA		Os02g0815500	OsR498G0205002300.01.T01	S-(hydroxymethyl)glutathione dehydrogenase
maker-2-augustus-gene-393.49-mRNA-1	NA	NA		0	OsR498G0205002700.01.T01	Carboxyl-terminal-processing peptidase 2
maker-2-augustus-gene-393.7-mRNA-1	NA	Indica		Os02g0831100	OsR498G0205050700.01.T01	Zinc finger CCH domain-containing protein 19
maker-2-augustus-gene-393.90-mRNA-1	NA	NA		Os02g0815800	OsR498G0205003000.01.T01	EXOSC1 domain-containing protein
maker-2-augustus-gene-4.0-mRNA-1	NA	NA		Os02g0106700	OsR498G0202818900.01.T04	Zinc finger with UFM1-specific peptidase domain protein isoform X1
maker-2-augustus-gene-4.11-mRNA-1	NA	NA				
maker-2-augustus-gene-4.13-mRNA-1	NA	NA		0	OsR498G0202820900.01.T02	Diphosphomevalonate decarboxylase
maker-2-augustus-gene-4.19-mRNA-1	NA	NA	Kinase-TM	Os02g0106900	OsR498G0202819600.01.T01	Senescence-induced receptor-like serine/threonine-protein kinase
maker-2-augustus-gene-4.2-mRNA-1	NA	NA		Os02g0106800	OsR498G0202819300.01.T03	transmembrane protein 120 homolog
maker-2-augustus-gene-4.8-mRNA-1	NA	NA		0	OsR498G0202820500.01.T01	U5 small nuclear ribonucleoprotein kDa helicase
maker-2-augustus-gene-40.27-mRNA-1	NA	NA				Knot1 domain-containing protein (Fragment)
maker-2-augustus-gene-40.36-mRNA-1	NA	NA		Os02g0173500	OsR498G0203065100.01.T06	Choline-phosphate cytidyltransferase B
maker-2-augustus-gene-40.48-mRNA-1	NA	NA		Os02g0172600	OsR498G0203061200.01.T02	Copper-transporting ATPase RAN1
maker-2-augustus-gene-40.59-mRNA-1	NA	NA		Os02g0173800	OsR498G0203065800.01.T01	ALA-interacting subunit
maker-2-augustus-gene-41.0-mRNA-1	NA	NA		0	OsR498G0203066100.01.T01	Succinate-semialdehyde dehydrogenase
maker-2-augustus-gene-41.16-mRNA-1	NA	NA		Os02g0174800	OsR498G0203069700.01.T02	FLZ-type domain-containing protein
maker-2-augustus-gene-41.18-mRNA-1	NA	Japonica		Os02g0175100	OsR498G0203070500.01.T04	Basic-leucine zipper domain
maker-2-augustus-gene-41.23-mRNA-1	NA	NA		Os02g0175400	OsR498G0203071300.01.T01	V-ATPase 69 kDa subunit
maker-2-augustus-gene-41.29-mRNA-1	NA	NA		Os02g0175500	OsR498G0203071500.01.T01	Core-2/I-branching beta-16-N-acetylglucosaminyltransferase family protein
maker-2-augustus-gene-41.34-mRNA-1	NA	NA		Os02g0174000	OsR498G0203067000.01.T01	HTH myb-type domain-containing protein (Fragment)
maker-2-augustus-gene-41.39-mRNA-1	NA	NA				Leucine zipper protein-like
maker-2-augustus-gene-41.41-mRNA-1	NA	NA		Os02g0175700	OsR498G0203072200.01.T01	ENTH domain-containing protein (Fragment)
maker-2-augustus-gene-41.43-mRNA-1	NA	NA		Os02g0175900	OsR498G0203073000.01.T01	Proline-rich protein PRCC
maker-2-augustus-gene-42.26-mRNA-1	NA	NA	Kinase-LRR-TM	Os02g0176100	OsR498G0203075000.01.T09	Protein STRUBBELIG-RECEPTOR FAMILY 1
maker-2-augustus-gene-44.20-mRNA-1	NA	NA		0	OsR498G0203089400.01.T01	TUB transcription factor
maker-2-augustus-gene-44.24-mRNA-1	NA	Indica		Os02g0179800	OsR498G0203090200.01.T01	ATG11 domain-containing protein
maker-2-augustus-gene-44.8-mRNA-1	NA	NA		Os02g0179300	OsR498G0203089100.01.T01	Ubiquitin receptor RAD23
maker-2-augustus-gene-45.28-mRNA-1	NA	NA		Os02g0180000	OsR498G0203090900.01.T02	Protein-serine/threonine phosphatase
maker-2-augustus-gene-45.39-mRNA-1	NA	NA		Os02g0180700	OsR498G0203093300.01.T01	Nucleoside-diphosphate-sugar epimerase
maker-2-augustus-gene-45.42-mRNA-1	NA	NA		Os02g0181300	OsR498G0203096300.01.T06	Transcription factor WRKY
maker-2-augustus-gene-46.29-mRNA-1	NA	NA		Os02g0181800	OsR498G0203098300.01.T01	Ubiquitin fusion degradation protein 1
maker-2-augustus-gene-46.34-mRNA-1	NA	NA		Os02g0182700	OsR498G0203102700.01.T01	
maker-2-augustus-gene-46.41-mRNA-1	NA	NA		0	OsR498G0203098600.01.T01	Chaperone protein like
maker-2-augustus-gene-46.44-mRNA-1	NA	NA		Os02g0182100	OsR498G0203099000.01.T01	Two-component response regulator
maker-2-augustus-gene-46.50-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0203101600.01.T02	Phytosulfokine receptor
maker-2-augustus-gene-46.56-mRNA-1	NA	NA		0	OsR498G1119556100.01.T01	Transposon protein, putative, Mutator sub-class
maker-2-augustus-gene-46.59-mRNA-1	NA	Indica		Os02g0182900	OsR498G0203103600.01.T05	BRCA1-associated protein isoform B
maker-2-augustus-gene-47.34-mRNA-1	NA	NA		Os02g0183500		Plasma membrane fusion protein
maker-2-augustus-gene-47.47-mRNA-1	NA	NA		Os02g0183000	OsR498G0203104200.01.T01	PLATZ transcription factor (Fragment)
maker-2-augustus-gene-48.52-mRNA-1	NA	NA		Os02g0185300	OsR498G0203112700.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-48.61-mRNA-1	NA	Indica		Os02g0186100	OsR498G0203113700.01.T01	Premnaspirodiene oxygenase
maker-2-augustus-gene-48.67-mRNA-1	NA	NA		Os02g0186400	OsR498G0203115400.01.T01	Citron Rho-interacting kinase-like
maker-2-augustus-gene-48.69-mRNA-1	NA	NA	Kinase	Os02g0186500	OsR498G0203116200.01.T02	Mitogen-activated protein kinase kinase kinase
maker-2-augustus-gene-49.45-mRNA-1	NA	NA		Os02g0187600	OsR498G0203119500.01.T01	Protein TIC 21, chloroplastic isoform A
maker-2-augustus-gene-49.53-mRNA-1	NA	NA		0	OsR498G0203118400.01.T03	SNARE associated Golgi protein family
maker-2-augustus-gene-49.57-mRNA-1	NA	Indica		Os02g0187400	OsR498G0203118600.01.T01	Glycerophosphodiester phosphodiesterase
maker-2-augustus-gene-5.0-mRNA-1	NA	Japonica		Os02g0108700	OsR498G0202827500.01.T04	DEAD-box ATP-dependent RNA helicase ISE2, chloroplastic
maker-2-augustus-gene-5.10-mRNA-1	NA	Indica		Os02g0109400	OsR498G0202829400.01.T01	Transcription factor jumonji (JmjC) domain-containing protein
maker-2-augustus-gene-5.16-mRNA-1	NA	NA		Os02g0110000	OsR498G0202831400.01.T01	GDSL esterase/lipase
maker-2-augustus-gene-5.18-mRNA-1	NA	NA		0	OsR498G0202832000.01.T01	CCT domain-containing protein
maker-2-augustus-gene-5.3-mRNA-1	NA	NA		0	OsR498G0202831100.01.T04	
maker-2-augustus-gene-5.5-mRNA-1	NA	NA		0	OsR498G0202828600.01.T05	Diphosphomevalonate decarboxylase
maker-2-augustus-gene-50.38-mRNA-1	NA	NA		Os02g0189300	OsR498G0203127100.01.T02	GDSL esterase/lipase
maker-2-augustus-gene-50.40-mRNA-1	NA	NA		0	OsR498G0203129100.01.T01	HTH myb-type domain-containing protein
maker-2-augustus-gene-50.45-mRNA-1	NA	Japonica		Os02g0189800	OsR498G0203130400.01.T02	Putative multidrug resistance protein

maker-2-augustus-gene-50.47-mRNA-1	NA	Indica		Os02g0190000	OsR498G0203129800.01.T01	Putative multidrug resistance protein
maker-2-augustus-gene-55.31-mRNA-1	NA	NA		Os02g0196600	OsR498G0203152500.01.T04	Putative P-type ATPase, Heavy metal-associated domain, copper ion-binding
maker-2-augustus-gene-55.35-mRNA-1	NA	NA		Os02g0196700	OsR498G0203152700.01.T01	Group 13 allergen Sor h 13.01
maker-2-augustus-gene-55.69-mRNA-1	NA	NA		0	OsR498G0203156200.01.T01	LipT
maker-2-augustus-gene-55.71-mRNA-1	NA	NA		0	OsR498G0203156400.01.T03	Ultraviolet-B receptor like
maker-2-augustus-gene-56.16-mRNA-1	NA	NA		0	OsR498G0203159400.01.T02	
maker-2-augustus-gene-56.19-mRNA-1	NA	NA		Os02g0198700	OsR498G0203160400.01.T01	Subtilisin-like serine protease
maker-2-augustus-gene-56.23-mRNA-1	NA	NA		Os02g0199300	OsR498G0203163200.01.T01	Peptidylprolyl isomerase
maker-2-augustus-gene-56.29-mRNA-1	NA	NA		Os02g0199800	OsR498G0203165000.01.T01	C2 and GRAM domain-containing protein (Fragment)
maker-2-augustus-gene-56.33-mRNA-1	NA	NA		Os02g0199900	OsR498G0203165400.01.T01	26S proteasome regulatory particle triple-A ATPase subunit4
maker-2-augustus-gene-56.6-mRNA-1	NA	NA		Os02g0199500	OsR498G0203163700.01.T01	F-box domain-containing protein
maker-2-augustus-gene-56.7-mRNA-1	NA	NA				Phosphatidylinositol transfer protein SEC14
maker-2-augustus-gene-57.32-mRNA-1	NA	Indica		Os02g0200800	OsR498G0203167900.01.T02	TPX2 domain-containing protein (Fragment)
maker-2-augustus-gene-57.40-mRNA-1	NA	NA		Os02g0200300	OsR498G0203166800.01.T01	(1->3)-beta-glucan endohydrolase
maker-2-augustus-gene-57.42-mRNA-1	NA	NA		0	OsR498G0203167600.01.T01	Acid phosphatase
maker-2-augustus-gene-57.44-mRNA-1	NA	Indica		Os02g0200900	OsR498G0203168200.01.T04	EIN3-binding F-box protein 1
maker-2-augustus-gene-64.42-mRNA-1	NA	NA		Os02g0213400	OsR498G0203211700.01.T06	Di-glucose binding protein with Kinesin motor domain
maker-2-augustus-gene-64.45-mRNA-1	NA	NA		Os02g0212600		
maker-2-augustus-gene-64.48-mRNA-1	NA	NA		Os02g0213100		
maker-2-augustus-gene-64.50-mRNA-1	NA	Indica		Os09g0120033	OsR498G0202840400.01.T01	
maker-2-augustus-gene-65.41-mRNA-1	NA	NA		Os02g0214900	OsR498G0203218700.01.T02	Histone deacetylase
maker-2-augustus-gene-68.23-mRNA-1	NA	Japonica		Os02g0221100	OsR498G0203235600.01.T01	BHLH domain-containing protein (Fragment)
maker-2-augustus-gene-69.24-mRNA-1	NA	Indica		Os02g0221300	OsR498G0203236700.01.T02	Putative eukaryotic initiation factor 4A-2
maker-2-augustus-gene-69.27-mRNA-1	NA	Indica		Os02g0221300	OsR498G0203236700.01.T02	Putative eukaryotic initiation factor 4A-2
maker-2-augustus-gene-7.12-mRNA-1	NA	NA		Os02g0113800	OsR498G0202840900.01.T02	DUF1618 domain-containing protein (Fragment)
maker-2-augustus-gene-7.14-mRNA-1	NA	Japonica		Os02g0113900	OsR498G0202839700.01.T01	
maker-2-augustus-gene-7.21-mRNA-1	NA	NA		0	OsR498G0202841400.01.T01	ATP-dependent helicase BRM
maker-2-augustus-gene-71.5-mRNA-1	NA	NA		Os02g0224400		Metallopeptidase M24 family protein isoform 1
maker-2-augustus-gene-72.13-mRNA-1	NA	NA		0	OsR498G0203259900.01.T01	Mitochondrial carrier protein CoAc2
maker-2-augustus-gene-72.16-mRNA-1	NA	Indica		Os02g0226600	OsR498G0203260900.01.T03	Homeobox domain-containing protein (Fragment)
maker-2-augustus-gene-73.0-mRNA-1	NA	NA		Os02g0226900	OsR498G0203262700.01.T05	ABA Overly-Sensitive 5
maker-2-augustus-gene-73.12-mRNA-1	NA	Indica		Os02g0227100	OsR498G0203263200.01.T03	Oxidative stress 3
maker-2-augustus-gene-73.14-mRNA-1	NA	Indica		Os02g0227200	OsR498G0203263400.01.T01	Early nodulin
maker-2-augustus-gene-73.17-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0203266600.01.T01	Receptor-like protein kinase HSL1
maker-2-augustus-gene-73.19-mRNA-1	NA	NA		Os01g0265300		Transposable element protein, putative, MuDR
maker-2-augustus-gene-73.2-mRNA-1	NA	Indica		Os02g0227000	OsR498G0203262900.01.T04	Haloacid dehalogenase-like hydrolase-like
maker-2-augustus-gene-73.8-mRNA-1	NA	Indica		Os02g0227400	OsR498G0203263700.01.T01	Polynucleotide adenyllyltransferase
maker-2-augustus-gene-74.43-mRNA-1	NA	NA	Kinase-LRR-TM	Os02g0228300	OsR498G0203268600.01.T02	Receptor-like protein kinase HSL1
maker-2-augustus-gene-74.50-mRNA-1	NA	Japonica		Os02g0229600	OsR498G0203272800.01.T05	Kinesin motor domain-containing protein
maker-2-augustus-gene-76.2-mRNA-1	NA	Indica		Os06g0157500	OsR498G0203285700.01.T01	
maker-2-augustus-gene-76.4-mRNA-1	NA	NA		Os02g0232400	OsR498G0203286100.01.T01	Citrate synthase
maker-2-augustus-gene-8.50-mRNA-1	NA	NA		Os02g0115900	OsR498G0202848800.01.T01	Luminal-binding protein 4
maker-2-augustus-gene-8.54-mRNA-1	NA	NA		Os02g0116000		Transcription factor IIIA
maker-2-augustus-gene-9.0-mRNA-1	NA	NA		Os02g0116300	OsR498G0202849700.01.T06	Probable metal-nicotianamine transporter YSL7
maker-2-augustus-gene-9.12-mRNA-1	NA	NA		Os02g0117100	OsR498G0202851300.01.T01	Low PSII Accumulation 3
maker-2-augustus-gene-9.18-mRNA-1	NA	NA		Os02g0117200	OsR498G0202851500.01.T06	MIR-interacting saposin-like protein
maker-2-augustus-gene-9.24-mRNA-1	NA	NA		Os02g0117400	OsR498G0202851700.01.T03	Signal peptide peptidase
maker-2-augustus-gene-9.32-mRNA-1	NA	NA		Os02g0117500	OsR498G0202852100.01.T02	Glutamate receptor
maker-2-augustus-gene-9.36-mRNA-1	NA	NA		Os02g0117600	OsR498G0202852500.01.T03	Peptidylprolyl isomerase
maker-2-augustus-gene-9.4-mRNA-1	NA	NA		Os02g0116500	OsR498G0202850300.01.T02	Glucose/ribitol dehydrogenase
maker-2-augustus-gene-9.40-mRNA-1	NA	NA	CC-Kinase	Os02g0118200	OsR498G0202854300.01.T01	probable serine/threonine-protein kinase PIX13
maker-2-augustus-gene-9.44-mRNA-1	NA	NA		Os02g0116400	OsR498G0202850000.01.T01	Probable metal-nicotianamine transporter YSL8
maker-2-augustus-gene-9.46-mRNA-1	NA	NA		Os02g0116600	OsR498G0202850600.01.T01	Transcription factor bHLH104
maker-2-augustus-gene-9.51-mRNA-1	NA	NA		Os02g0116900	OsR498G0202851200.01.T01	RPOL4c domain-containing protein
maker-2-augustus-gene-9.53-mRNA-1	NA	NA		Os02g0117700	OsR498G0202852400.01.T02	UTP--glucose-1-phosphate uridylyltransferase
maker-2-augustus-gene-9.54-mRNA-1	NA	NA		Os02g0117700	OsR498G0202852400.01.T03	UTP--glucose-1-phosphate uridylyltransferase
maker-2-augustus-gene-9.59-mRNA-1	NA	NA				Autophagy protein 5
maker-2-augustus-gene-9.64-mRNA-1	NA	NA		Os02g0117900	OsR498G0202853000.01.T01	Putative PMR5 domain, PC-Esterase, protein trichome birefringence-like 12
maker-2-augustus-gene-9.8-mRNA-1	NA	NA		Os02g0116800	OsR498G0202850900.01.T01	Remorin
maker-2-augustus-gene-93.0-mRNA-1	NA	NA		Os02g0262700		Putative bacterial blight-resistance protein Xa1
maker-2-augustus-gene-95.48-mRNA-1	NA	Indica		Os02g0265550	OsR498G0407890300.01.T01	Early light-inducible protein ELIP

maker-2-augustus-gene-96.27-mRNA-1	NA	NA		Os02g0268100	OsR498G0203382800.01.T01	Glutelin type-B
maker-2-augustus-gene-96.29-mRNA-1	NA	Indica		Os02g0267700	OsR498G0203383000.01.T01	Expansin
maker-3-augustus-gene-0.0-mRNA-1	NA	NA				
maker-3-augustus-gene-0.17-mRNA-1	NA	Indica		Os01g0277600	OsR498G0305859800.01.T01	Phospholipid-transporting ATPase
maker-3-augustus-gene-0.21-mRNA-1	NA	NA		Os03g0206400		
maker-3-augustus-gene-0.23-mRNA-1	NA	Indica		Os03g0206700	OsR498G0305430600.01.T01	BTB/POZ domain-containing protein At5g67385
maker-3-augustus-gene-0.3-mRNA-1	NA	NA		Os03g0206600	OsR498G0305430300.01.T01	
maker-3-augustus-gene-0.5-mRNA-1	NA	NA		Os03g0206900	OsR498G0305430700.01.T01	E3 ubiquitin-protein ligase RLIM
maker-3-augustus-gene-0.7-mRNA-1	NA	NA		Os03g0100400	OsR498G0305067700.01.T03	DNA repair endonuclease
maker-3-augustus-gene-0.8-mRNA-1	NA	NA		Os03g0100400	OsR498G0305067700.01.T03	DNA repair endonuclease
maker-3-augustus-gene-10.46-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-3-augustus-gene-100.22-mRNA-1	NA	NA		Os03g0294900	OsR498G0305748000.01.T01	E1 ubiquitin-activating enzyme
maker-3-augustus-gene-115.26-mRNA-1	NA	Indica		Os03g0323200	OsR498G0305849500.01.T01	Magnesium chelatase
maker-3-augustus-gene-115.29-mRNA-1	NA	NA		Os03g0323500	OsR498G0305850500.01.T03	Arf-GAP domain-containing protein
maker-3-augustus-gene-115.35-mRNA-1	NA	NA		Os03g0323800	OsR498G0305852100.01.T02	Mitochondrial import receptor subunit TOM40-1, N-terminally processed lik
maker-3-augustus-gene-115.41-mRNA-1	NA	NA		0	OsR498G1120618500.01.T01	
maker-3-augustus-gene-116.30-mRNA-1	NA	NA		Os03g0100300	OsR498G0305067500.01.T01	Peptidylprolyl isomerase
maker-3-augustus-gene-116.35-mRNA-1	NA	NA		Os03g0100400	OsR498G0305067700.01.T02	DNA repair endonuclease
maker-3-augustus-gene-116.40-mRNA-1	NA	NA		Os10g0316400	OsR498G1018414400.01.T01	
maker-3-augustus-gene-117.30-mRNA-1	NA	NA		0	OsR498G0305067900.01.T05	tRNA/rRNA methyltransferase (SpoU) family protein
maker-3-augustus-gene-117.37-mRNA-1	NA	NA		Os03g0100800	OsR498G0305068300.01.T03	Plasma membrane ATPase
maker-3-augustus-gene-117.44-mRNA-1	NA	NA		Os03g0100900	OsR498G0305068500.01.T03	DUF862 domain-containing protein
maker-3-augustus-gene-117.47-mRNA-1	NA	NA		Os03g0101100	OsR498G0305068900.01.T07	Palmitoyl protein thioesterase containing protein, expressed
maker-3-augustus-gene-117.52-mRNA-1	NA	NA		Os03g0101900	OsR498G0305070900.01.T01	Phosphatidylserine decarboxylase
maker-3-augustus-gene-117.55-mRNA-1	NA	NA		Os03g0102100	OsR498G0305070900.01.T08	Formyl transferase family protein, expressed
maker-3-augustus-gene-117.60-mRNA-1	NA	NA		0	OsR498G0305071500.01.T05	Transcriptional regulator, putative, expressed
maker-3-augustus-gene-117.69-mRNA-1	NA	Japonica		Os03g0101000	OsR498G0202858300.01.T01	Acetatebutyrate--coa ligase aae7, peroxisomal
maker-3-augustus-gene-117.71-mRNA-1	NA	NA	CC-Kinase-TM	Os03g0101200	OsR498G0305069200.01.T01	E3 ubiquitin ligase
maker-3-augustus-gene-117.76-mRNA-1	NA	NA		Os03g0101300	OsR498G0305069400.01.T01	Hexose carrier protein HEX6
maker-3-augustus-gene-117.78-mRNA-1	NA	NA		Os03g0101500	OsR498G0305069800.01.T01	Ubiquitin-associated and SH3 domain-containing protein
maker-3-augustus-gene-117.81-mRNA-1	NA	Indica		Os03g0101600	OsR498G0305070000.01.T01	Oxidoreductase, zinc-binding dehydrogenase family protein, expressed
maker-3-augustus-gene-117.84-mRNA-1	NA	NA		Os03g0101700	OsR498G0305070200.01.T03	Helicase ATP-binding domain-containing protein
maker-3-augustus-gene-117.91-mRNA-1	NA	Indica		Os03g0102400	OsR498G0714254900.01.T02	2-phosphoglycerate kinase, putative, expressed
maker-3-augustus-gene-118.34-mRNA-1	NA	NA		Os03g0102700	OsR498G0305073700.01.T01	Beta-expansin 1a
maker-3-augustus-gene-118.36-mRNA-1	NA	Indica		Os08g0155400	OsR498G0305075700.01.T01	Solute carrier family 15 (Peptide/histidine transporter), member 3/4
maker-3-augustus-gene-120.0-mRNA-1	NA	NA		Os10g0559900	OsR498G1019191100.01.T01	Ribosomal protein L18/L5
maker-3-augustus-gene-120.12-mRNA-1	NA	NA		Os10g0558700	OsR498G1019186800.01.T05	S-norocclaurine synthase 1
maker-3-augustus-gene-120.15-mRNA-1	NA	NA		Os10g0558700	OsR498G1019187400.01.T01	S-norocclaurine synthase 1
maker-3-augustus-gene-120.19-mRNA-1	NA	NA		Os10g0559200	OsR498G1019186800.01.T05	Oxidoreductase, 2OG-Fe oxygenase family protein, expressed
maker-3-augustus-gene-120.2-mRNA-1	NA	NA		Os10g0560000	OsR498G1019191700.01.T01	VAN3-binding protein (Fragment)
maker-3-augustus-gene-120.21-mRNA-1	NA	NA		Os10g0559500	OsR498G1019190000.01.T01	S-norocclaurine synthase 1
maker-3-augustus-gene-120.23-mRNA-1	NA	NA		Os10g0559700	OsR498G1019190200.01.T03	Agenet-like domain-containing protein
maker-3-augustus-gene-120.31-mRNA-1	NA	NA		Os10g0559800	OsR498G1019190600.01.T01	Electron transporter
maker-3-augustus-gene-120.37-mRNA-1	NA	NA		0	OsR498G1019191600.01.T02	
maker-3-augustus-gene-120.4-mRNA-1	NA	NA		Os10g0558200	OsR498G1019184400.01.T01	S-norocclaurine synthase 1-like isoform X2
maker-3-augustus-gene-120.41-mRNA-1	NA	NA		Os10g0560200	OsR498G1019192600.01.T01	Cell number regulator like
maker-3-augustus-gene-120.6-mRNA-1	NA	NA		Os10g0558400	OsR498G1019186200.01.T01	S-norocclaurine synthase 1-like isoform X2
maker-3-augustus-gene-120.9-mRNA-1	NA	NA		Os10g0558700	OsR498G1019186800.01.T01	Putative ethylene-forming enzyme
maker-3-augustus-gene-121.10-mRNA-1	NA	NA		Os10g0561300	OsR498G1019196500.01.T01	Hexose transporter
maker-3-augustus-gene-121.13-mRNA-1	NA	NA	CC-Kinase-TM	Os10g0561500	OsR498G1019196900.01.T01	E3 ubiquitin ligase
maker-3-augustus-gene-121.18-mRNA-1	NA	NA		Os10g0561800	OsR498G1019198700.01.T01	Homeobox-leucine zipper protein HAT4
maker-3-augustus-gene-121.2-mRNA-1	NA	NA		Os10g0560900	OsR498G1019195100.01.T01	Biotin F
maker-3-augustus-gene-121.20-mRNA-1	NA	NA		Os10g0560400	OsR498G1019192800.01.T01	CCT motif family protein, expressed
maker-3-augustus-gene-121.31-mRNA-1	NA	NA		Os10g0561000		
maker-3-augustus-gene-121.33-mRNA-1	NA	NA		Os10g0561200	OsR498G1019196400.01.T01	O-fucosyltransferase family protein (Fragment)
maker-3-augustus-gene-121.35-mRNA-1	NA	NA		Os10g0561400	OsR498G1019196800.01.T01	HTH myb-type domain-containing protein
maker-3-augustus-gene-121.38-mRNA-1	NA	NA		Os10g0561900	OsR498G1019199800.01.T01	Dual specificity phosphatase, catalytic domain containing protein, expressed
maker-3-augustus-gene-121.8-mRNA-1	NA	NA		Os10g0561100	OsR498G1019196100.01.T01	Oxidoreductase, zinc-binding dehydrogenase family protein, expressed
maker-3-augustus-gene-122.0-mRNA-1	NA	NA	Kinase-TM	Os10g0562500	OsR498G1019201900.01.T03	Serine/threonine-protein kinase D6PKL2
maker-3-augustus-gene-122.11-mRNA-1	NA	NA	Kinase-TM	Os10g0563500	OsR498G1019206100.01.T02	Serine/threonine-protein kinase cdc7
maker-3-augustus-gene-122.15-mRNA-1	NA	NA		Os10g0563600	OsR498G1019206300.01.T01	Peptide methionine sulfoxide reductase A4, chloroplastic

maker-3-augustus-gene-122.18-mRNA-1	NA	NA		Os10g0562100	OsR498G1019201200.01.T02	Transcription factor MYBS2
maker-3-augustus-gene-122.2-mRNA-1	NA	NA		Os10g0563000	OsR498G1019204300.01.T04	Palmitoyl protein thioesterase containing protein, expressed
maker-3-augustus-gene-122.22-mRNA-1	NA	NA		Os10g0562700	OsR498G1019202400.01.T01	DUF632 domain-containing protein/DUF630 domain-containing protein
maker-3-augustus-gene-122.26-mRNA-1	NA	NA		Os10g0563200	OsR498G1019205600.01.T02	Protein ARABIDILLO like
maker-3-augustus-gene-122.32-mRNA-1	NA	NA		Os10g0563300	OsR498G1019205800.01.T01	WD repeat-containing protein WRAP73
maker-3-augustus-gene-122.35-mRNA-1	NA	NA		Os10g0563700	OsR498G1019206600.01.T01	Nucleoside diphosphate kinase
maker-3-augustus-gene-122.5-mRNA-1	NA	NA		Os10g0563400	OsR498G1019205900.01.T01	Cytospin-B like
maker-3-augustus-gene-123.33-mRNA-1	NA	NA		Os10g0563900	OsR498G1019207500.01.T01	Cyclin
maker-3-augustus-gene-123.35-mRNA-1	NA	NA		0	OsR498G1019207900.01.T01	Poly(RC)-binding protein 1-like
maker-3-augustus-gene-123.39-mRNA-1	NA	NA		Os12g0162400	OsR498G1019209900.01.T01	Calcineurin B 01
maker-3-augustus-gene-123.43-mRNA-1	NA	NA		Os10g0564900	OsR498G1019210100.01.T02	Casein kinase II subunit beta
maker-3-augustus-gene-123.47-mRNA-1	NA	NA		Os10g0565000	OsR498G1019210300.01.T01	ICE-like protease p20 domain containing protein, expressed
maker-3-augustus-gene-123.49-mRNA-1	NA	NA		0	OsR498G1019210500.01.T02	zf-LSD1 domain-containing protein
maker-3-augustus-gene-123.53-mRNA-1	NA	NA		Os10g0564100	OsR498G1019208200.01.T01	Mediator of RNA polymerase II transcription subunit 31
maker-3-augustus-gene-123.57-mRNA-1	NA	NA		Os10g0564400	OsR498G1019209400.01.T01	Phospho-2-dehydro-3-deoxyheptonate aldolase
maker-3-augustus-gene-123.59-mRNA-1	NA	NA	Kinase-TM	Os10g0564500	OsR498G1120703600.01.T02	Serinethreonine-protein kinase sapk3
maker-3-augustus-gene-123.65-mRNA-1	NA	NA		Os10g0565200	OsR498G1019210800.01.T02	Beta-amylase
maker-3-augustus-gene-123.69-mRNA-1	NA	NA				SHR-BD domain-containing protein
maker-3-augustus-gene-124.32-mRNA-1	NA	NA		Os10g0565600	OsR498G1019214900.01.T05	E3 ubiquitin protein ligase
maker-3-augustus-gene-124.38-mRNA-1	NA	NA		0	OsR498G1019215500.01.T01	Helicase ATP-binding domain-containing protein
maker-3-augustus-gene-124.40-mRNA-1	NA	NA		Os10g0565700		Putative transcription factor
maker-3-augustus-gene-124.42-mRNA-1	NA	NA		0	OsR498G1019215900.01.T03	Helicase ATP-binding domain-containing protein
maker-3-augustus-gene-124.46-mRNA-1	NA	NA		Os10g0566201	OsR498G1019217100.01.T01	DOG1 domain-containing protein (Fragment)
maker-3-augustus-gene-124.48-mRNA-1	NA	NA		Os10g0566700	OsR498G1019219100.01.T01	Chaperonin 1, chloroplastic
maker-3-augustus-gene-124.53-mRNA-1	NA	NA		0	OsR498G1019219700.01.T04	Pentatricopeptide repeat (PPR) superfamily protein
maker-3-augustus-gene-124.60-mRNA-1	NA	NA		Os10g0566800	OsR498G1019219400.01.T01	Peroxidase
maker-3-augustus-gene-125.0-mRNA-1	NA	NA				SH2 domain protein B
maker-3-augustus-gene-125.14-mRNA-1	NA	NA		Os10g0567000	OsR498G1019220000.01.T02	Camphor resistance CrcB family protein
maker-3-augustus-gene-125.17-mRNA-1	NA	NA		Os10g0567100	OsR498G1019220400.01.T01	Chlorophyllide a oxygenase chloroplastic
maker-3-augustus-gene-125.19-mRNA-1	NA	NA		Os10g0567400	OsR498G1019221000.01.T01	Chlorophyllide a oxygenase chloroplastic
maker-3-augustus-gene-131.51-mRNA-1	NA	NA		0	OsR498G1120703200.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-3-augustus-gene-132.43-mRNA-1	NA	NA		0	OsR498G0305064700.01.T01	
maker-3-augustus-gene-132.46-mRNA-1	NA	NA		0	OsR498G0305065700.01.T01	Peptidase M20/M25/M40 family protein isoform 1
maker-3-augustus-gene-132.60-mRNA-1	NA	NA		Os04g0218600	OsR498G1019263000.01.T06	Expressed protein (Fragment)
maker-3-augustus-gene-132.73-mRNA-1	NA	NA		Os03g0100050		MSC domain-containing protein (Fragment)
maker-3-augustus-gene-143.70-mRNA-1	NA	NA				HAT dimerisation domain-containing protein-like
maker-3-augustus-gene-146.16-mRNA-1	NA	NA		Os10g0555600	OsR498G1019170200.01.T02	Beta expansin 3
maker-3-augustus-gene-146.18-mRNA-1	NA	NA		Os10g0555700	OsR498G1019170400.01.T01	Beta-expansin
maker-3-augustus-gene-146.20-mRNA-1	NA	NA		Os10g0555900	OsR498G1019172000.01.T01	Beta expansin 3
maker-3-augustus-gene-146.23-mRNA-1	NA	NA		Os10g0556600	OsR498G1019174200.01.T03	Basic helix-loop-helix transcription factor
maker-3-augustus-gene-146.3-mRNA-1	NA	NA		Os10g0556100	OsR498G1019173700.01.T02	Beta expansin2
maker-3-augustus-gene-147.29-mRNA-1	NA	NA		Os03g0294900	OsR498G0305748000.01.T01	E1 ubiquitin-activating enzyme
maker-3-augustus-gene-147.31-mRNA-1	NA	NA				Putative transcription regulatory protein
maker-3-augustus-gene-147.38-mRNA-1	NA	NA		Os03g0294900	OsR498G0305748000.01.T01	E1 ubiquitin-activating enzyme
maker-3-augustus-gene-148.0-mRNA-1	NA	Indica		Os03g0323200	OsR498G0305849500.01.T01	Magnesium chelatase
maker-3-augustus-gene-148.17-mRNA-1	NA	Indica		Os07g0656200	OsR498G0305850000.01.T01	Non-cyanogenic beta-glucosidase
maker-3-augustus-gene-148.3-mRNA-1	NA	NA		Os03g0323500	OsR498G0305850500.01.T03	Arf-GAP domain-containing protein
maker-3-augustus-gene-148.9-mRNA-1	NA	NA		Os03g0323800	OsR498G0305852100.01.T02	Mitochondrial import receptor subunit TOM40-1, N-terminally processed lik
maker-3-augustus-gene-157.37-mRNA-1	NA	NA		Os03g0339700	OsR498G0305910100.01.T01	DUF827 domain-containing protein (Fragment)
maker-3-augustus-gene-157.53-mRNA-1	NA	NA	Kinase-TM	Os03g0339900	OsR498G0305910600.01.T02	Non-specific serine/threonine protein kinase
maker-3-augustus-gene-157.54-mRNA-1	NA	NA				Uroporphyrinogen decarboxylase
maker-3-augustus-gene-158.51-mRNA-1	NA	NA		0	OsR498G0305923300.01.T02	U3 small nucleolar RNA-associated protein 14 A
maker-3-augustus-gene-158.54-mRNA-1	NA	NA		Os03g0343400	OsR498G0305923500.01.T01	Blue-light photoreceptor
maker-3-augustus-gene-158.76-mRNA-1	NA	Indica		Os03g0342900	OsR498G0305921800.01.T05	Dormancy/auxin associated protein, expressed
maker-3-augustus-gene-158.80-mRNA-1	NA	NA		Os03g0343500	OsR498G0305923800.01.T01	60S ribosomal protein L22-2, putative, expressed
maker-3-augustus-gene-159.0-mRNA-1	NA	Indica		Os03g0344100	OsR498G0305925100.01.T01	Alternative splicing regulator
maker-3-augustus-gene-159.11-mRNA-1	NA	NA		0	OsR498G0305926000.01.T05	Ubiquitin-like-specific protease ESD4
maker-3-augustus-gene-159.18-mRNA-1	NA	Indica		Os03g0344700	OsR498G0305926800.01.T01	AAA-type ATPase family protein, putative, expressed
maker-3-augustus-gene-159.25-mRNA-1	NA	NA		Os03g0344900	OsR498G0305927400.01.T01	ATP-dependent Clp protease proteolytic subunit
maker-3-augustus-gene-159.31-mRNA-1	NA	Indica		Os03g0345100	OsR498G0305928400.01.T02	Cell cycle checkpoint control protein family
maker-3-augustus-gene-159.5-mRNA-1	NA	Indica		Os03g0345200	OsR498G0305928500.01.T02	40S ribosomal protein S21

maker-3-augustus-gene-159.9-mRNA-1	NA	NA		0	OsR498G0305925400.01.T01	Usp domain-containing protein (Fragment)
maker-3-augustus-gene-16.53-mRNA-1	NA	NA		Os03g0132000	OsR498G0305176700.01.T01	4-coumarate--CoA ligase-like 4
maker-3-augustus-gene-16.57-mRNA-1	NA	NA		Os03g0132200	OsR498G0305177700.01.T03	
maker-3-augustus-gene-16.62-mRNA-1	NA	NA	CC-Kinase-TM	Os03g0132800	OsR498G0305179900.01.T01	serine/threonine-protein kinase BSK1
maker-3-augustus-gene-16.66-mRNA-1	NA	NA		Os03g0132900	OsR498G0305180300.01.T01	Class II chitinase
maker-3-augustus-gene-16.68-mRNA-1	NA	NA		Os03g0133300	OsR498G0305181300.01.T01	Inactive purple acid phosphatase-like protein
maker-3-augustus-gene-16.81-mRNA-1	NA	NA		Os03g0132300	OsR498G0305178200.01.T01	
maker-3-augustus-gene-16.84-mRNA-1	NA	NA		Os03g0133000	OsR498G0305180600.01.T01	NAC domain-containing protein 22
maker-3-augustus-gene-16.86-mRNA-1	NA	NA		Os03g0133500	OsR498G0305182000.01.T01	probable acyl-activating enzyme 1, peroxisomal
maker-3-augustus-gene-16.88-mRNA-1	NA	NA		Os03g0133600	OsR498G0305182200.01.T01	probable acyl-activating enzyme 1, peroxisomal
maker-3-augustus-gene-16.90-mRNA-1	NA	NA		Os03g0133900	OsR498G0305183000.01.T04	Serine O-acetyltransferase
maker-3-augustus-gene-160.22-mRNA-1	NA	NA		0	OsR498G0305936700.01.T01	Transcription factor jumonji (JmjC) domain-containing
maker-3-augustus-gene-160.27-mRNA-1	NA	NA		Os03g0346800	OsR498G0305936900.01.T01	Metal tolerance protein 2
maker-3-augustus-gene-160.34-mRNA-1	NA	NA		Os03g0347200	OsR498G0305938700.01.T03	Nuclear cap-binding protein subunit
maker-3-augustus-gene-160.40-mRNA-1	NA	NA		0	OsR498G0305931400.01.T02	HMA domain-containing protein (Fragment)
maker-3-augustus-gene-160.43-mRNA-1	NA	NA		0	OsR498G0305937600.01.T01	SANT domain-containing protein (Fragment)
maker-3-augustus-gene-160.45-mRNA-1	NA	Indica		Os03g0347300	OsR498G0305939000.01.T05	Cysteine-tryptophan domain-containing zinc finger protein 3
maker-3-augustus-gene-161.0-mRNA-1	NA	Indica		Os03g0347800	OsR498G0305940700.01.T02	Peptidyl-tRNA hydrolase, mitochondrial
maker-3-augustus-gene-161.15-mRNA-1	NA	Japonica		Os03g0348200	OsR498G0305942000.01.T02	Tau-cadinol synthase
maker-3-augustus-gene-161.17-mRNA-1	NA	Indica		Os07g0668700	OsR498G0305944000.01.T01	Alpha/beta-Hydrolases superfamily protein
maker-3-augustus-gene-161.23-mRNA-1	NA	NA		Os03g0348900	OsR498G0305944200.01.T03	E3 ubiquitin-protein ligase MIEL1
maker-3-augustus-gene-161.5-mRNA-1	NA	NA		Os03g0347500	OsR498G0305939400.01.T01	Bidirectional sugar transporter SWEET
maker-3-augustus-gene-161.7-mRNA-1	NA	NA		Os03g0347900	OsR498G0305941000.01.T05	Alpha-humulene synthase
maker-3-augustus-gene-162.0-mRNA-1	NA	NA		Os03g0351100	OsR498G0305948100.01.T04	Zinc finger protein CONSTANS-LIKE 13
maker-3-augustus-gene-162.14-mRNA-1	NA	Indica	CC-Kinase	Os03g0349200	OsR498G0305945000.01.T02	probable serine/threonine-protein kinase At1g54610
maker-3-augustus-gene-162.19-mRNA-1	NA	NA		Os03g0350100	OsR498G0305945800.01.T02	Nucleolar protein like
maker-3-augustus-gene-162.23-mRNA-1	NA	NA		Os03g0350300	OsR498G0305946800.01.T01	Nucleolar protein like
maker-3-augustus-gene-162.27-mRNA-1	NA	Indica		Os07g0667000	OsR498G0305949200.01.T05	tubby-like F-box protein 3
maker-3-augustus-gene-162.3-mRNA-1	NA	NA		Os03g0351300	OsR498G0305948900.01.T01	Beta-amylase
maker-3-augustus-gene-162.8-mRNA-1	NA	NA		Os03g0349000	OsR498G0305944600.01.T01	Nuclear pore complex protein NUP93A
maker-3-augustus-gene-166.0-mRNA-1	NA	NA		Os03g0360500	OsR498G0305990400.01.T01	ER membrane protein complex subunit 4
maker-3-augustus-gene-166.5-mRNA-1	NA	NA		Os11g0546000	OsR498G1120321500.01.T01	68 kDa protein HP68
maker-3-augustus-gene-169.34-mRNA-1	NA	NA		0	OsR498G0305965900.01.T01	U4/U6 small nuclear ribonucleoprotein Prp4
maker-3-augustus-gene-169.36-mRNA-1	NA	NA		0	OsR498G0305965900.01.T01	U4/U6 small nuclear ribonucleoprotein Prp4
maker-3-augustus-gene-169.41-mRNA-1	NA	NA		Os03g0355600	OsR498G0305966400.01.T02	Beta-adaptin-like protein C
maker-3-augustus-gene-17.38-mRNA-1	NA	NA		Os03g0134300	OsR498G0305183700.01.T01	ATP phosphoribosyltransferase
maker-3-augustus-gene-17.43-mRNA-1	NA	NA				IQ-domain 20
maker-3-augustus-gene-173.39-mRNA-1	NA	NA		Os05g0366600	OsR498G0510678900.01.T01	Non-cyanogenic beta-glucosidase
maker-3-augustus-gene-173.41-mRNA-1	NA	Indica		Os03g0359000	OsR498G0305987400.01.T01	Alpha/beta-Hydrolases superfamily protein
maker-3-augustus-gene-173.56-mRNA-1	NA	NA		Os05g0366900	OsR498G0510679400.01.T03	
maker-3-augustus-gene-173.59-mRNA-1	NA	NA		Os05g0367100	OsR498G0510680000.01.T01	Nucleolar protein 16
maker-3-augustus-gene-173.61-mRNA-1	NA	NA				
maker-3-augustus-gene-173.65-mRNA-1	NA	NA		Os05g0367400	OsR498G0510680800.01.T01	Thiamine pyrophosphokinase
maker-3-augustus-gene-174.43-mRNA-1	NA	NA		0	OsR498G0510682500.01.T01	
maker-3-augustus-gene-174.45-mRNA-1	NA	NA		Os05g0368000	OsR498G0510682900.01.T01	NRR repressor 1
maker-3-augustus-gene-174.46-mRNA-1	NA	NA		Os05g0368300	OsR498G0510685100.01.T01	S4 RNA-binding domain-containing protein (Fragment)
maker-3-augustus-gene-174.49-mRNA-1	NA	NA		Os05g0368600	OsR498G0510686600.01.T03	Pro-resilin
maker-3-augustus-gene-175.0-mRNA-1	NA	NA				HEAT repeat family protein, expressed
maker-3-augustus-gene-175.17-mRNA-1	NA	NA		Os03g0360500	OsR498G0305990400.01.T01	ER membrane protein complex subunit 4
maker-3-augustus-gene-177.17-mRNA-1	NA	NA		Os03g0365200	OsR498G0306004300.01.T01	Ulp1 protease family, C-terminal catalytic domain containing protein
maker-3-augustus-gene-182.17-mRNA-1	NA	Indica		Os07g0633400	OsR498G0306033000.01.T01	IQ domain-containing protein IQM2
maker-3-augustus-gene-182.20-mRNA-1	NA	Japonica		Os03g0374575	OsR498G0306035000.01.T01	Splicing factor, arginine/serine-rich 4
maker-3-augustus-gene-182.5-mRNA-1	NA	NA		Os03g0374400	OsR498G0306032700.01.T01	TVP38/TMEM64 family membrane protein like
maker-3-augustus-gene-183.29-mRNA-1	NA	NA		Os03g0374600	OsR498G0306035500.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-3-augustus-gene-183.36-mRNA-1	NA	Indica		Os03g0375100	OsR498G0306036800.01.T01	Amino acid permease family protein, putative, expressed
maker-3-augustus-gene-183.39-mRNA-1	NA	NA		0	OsR498G0306039800.01.T01	Cystine/glutamate transporter (Fragment)
maker-3-augustus-gene-183.41-mRNA-1	NA	NA		Os03g0376000	OsR498G0306040400.01.T02	Transmembrane emp24 domain-containing protein 10
maker-3-augustus-gene-183.43-mRNA-1	NA	Indica		Os03g0376100	OsR498G0306040800.01.T01	Cystathionine gamma-synthase
maker-3-augustus-gene-185.10-mRNA-1	NA	NA		Os03g0379400	OsR498G0306048800.01.T01	RNA replicase polyprotein
maker-3-augustus-gene-185.6-mRNA-1	NA	NA		0	OsR498G0306049500.01.T01	Disease resistance protein RPM1
maker-3-augustus-gene-185.7-mRNA-1	NA	Indica	NBS-TM	Os07g0501500	OsR498G0306049500.01.T01	Disease resistance protein RPM1

maker-3-augustus-gene-186.0-mRNA-1	NA	NA		Os03g0380600		Transposon protein, putative, CACTA, En/Spm sub-class
maker-3-augustus-gene-186.13-mRNA-1	NA	NA		Os08g0487300	OsR498G0816350400.01.T01	Transposon protein, putative, Mutator sub-class
maker-3-augustus-gene-188.43-mRNA-1	NA	Japonica		Os03g0384900	OsR498G0306060200.01.T01	
maker-3-augustus-gene-190.11-mRNA-1	NA	NA		Os03g0388800	OsR498G0306078100.01.T01	2-hydroxy-6-oxononadienedioate/2-hydroxy-6-oxononatrienedioate hydrolase
maker-3-augustus-gene-190.22-mRNA-1	NA	Indica		Os03g0388900	OsR498G0306078400.01.T01	Putative metacaspase, having alternative splicing products
maker-3-augustus-gene-190.25-mRNA-1	NA	Japonica		Os03g0389000	OsR498G0306080600.01.T01	Metacaspase-1
maker-3-augustus-gene-191.25-mRNA-1	NA	NA		Os03g0389400	OsR498G0306083400.01.T02	zf-LSD1 domain-containing protein
maker-3-augustus-gene-192.9-mRNA-1	NA	NA		Os03g0392600	OsR498G0306093000.01.T01	Carboxypeptidase
maker-3-augustus-gene-194.32-mRNA-1	NA	NA		Os03g0393900	OsR498G0306099500.01.T01	Patatin
maker-3-augustus-gene-194.34-mRNA-1	NA	NA		0	OsR498G0306098600.01.T05	Carboxypeptidase
maker-3-augustus-gene-194.36-mRNA-1	NA	Indica		Os03g0392600	OsR498G0306098600.01.T02	Carboxypeptidase
maker-3-augustus-gene-194.37-mRNA-1	NA	Indica		Os03g0392600	OsR498G0306098600.01.T06	Carboxypeptidase
maker-3-augustus-gene-195.0-mRNA-1	NA	Indica		Os02g0567200	OsR498G0306105100.01.T01	PPM-type phosphatase domain-containing protein
maker-3-augustus-gene-195.2-mRNA-1	NA	NA		Os03g0394900	OsR498G0306104200.01.T01	Nodulation protein like
maker-3-augustus-gene-195.7-mRNA-1	NA	NA		Os03g0395000	OsR498G0306105000.01.T01	Inactive heme oxygenase
maker-3-augustus-gene-199.0-mRNA-1	NA	NA	Kinase	0	OsR498G0306131300.01.T02	Serine/threonine-protein kinase CTR1
maker-3-augustus-gene-199.8-mRNA-1	NA	NA		0	OsR498G0306128200.01.T01	NOP5NT domain-containing protein
maker-3-augustus-gene-204.10-mRNA-1	NA	NA		0	OsR498G0306162200.01.T03	Inter alpha-trypsin inhibitor, heavy chain 4
maker-3-augustus-gene-204.6-mRNA-1	NA	NA		0	OsR498G0306161900.01.T03	Lazarus
maker-3-augustus-gene-205.29-mRNA-1	NA	NA		0	OsR498G0306170700.01.T02	Transcription initiation factor TFIID subunit 9
maker-3-augustus-gene-205.32-mRNA-1	NA	NA		Os03g0407400		Grain length and weight protein (Fragment)
maker-3-augustus-gene-205.34-mRNA-1	NA	Japonica	Kinase-TM	Os03g0407900	OsR498G0306167000.01.T01	Serine/threonine-protein kinase RIPK
maker-3-augustus-gene-205.37-mRNA-1	NA	NA				SRF-type transcription factor family protein
maker-3-augustus-gene-206.0-mRNA-1	NA	NA				
maker-3-augustus-gene-206.4-mRNA-1	NA	NA		0	OsR498G0306177300.01.T04	Sentrin-specific protease 2
maker-3-augustus-gene-206.9-mRNA-1	NA	Indica		Os03g0409400	OsR498G0306175000.01.T01	MOB kinase activator family
maker-3-augustus-gene-207.0-mRNA-1	NA	NA		Os03g0410900	OsR498G0306181500.01.T01	Small nuclear ribonucleoprotein G
maker-3-augustus-gene-207.11-mRNA-1	NA	NA		Os03g0411500	OsR498G0306186500.01.T01	ATP-dependent Clp protease proteolytic subunit
maker-3-augustus-gene-207.15-mRNA-1	NA	NA		Os03g0411600	OsR498G0306186700.01.T01	ATP-dependent Clp protease proteolytic subunit
maker-3-augustus-gene-207.17-mRNA-1	NA	NA		0	OsR498G0306181400.01.T02	NAD(P)-binding domain containing protein
maker-3-augustus-gene-207.2-mRNA-1	NA	NA		Os03g0411000	OsR498G0306181900.01.T01	Hydroxyproline-rich glycoprotein family protein, putative, expressed
maker-3-augustus-gene-207.23-mRNA-1	NA	NA		Os03g0411800	OsR498G0306188000.01.T01	Zinc transporter 2
maker-3-augustus-gene-207.26-mRNA-1	NA	Japonica		Os03g0411900	OsR498G0306190000.01.T02	
maker-3-augustus-gene-207.6-mRNA-1	NA	NA		Os03g0411100	OsR498G0306182900.01.T09	CCAAT-binding transcription factor
maker-3-augustus-gene-208.29-mRNA-1	NA	Indica		Os03g0412300	OsR498G0306190900.01.T03	Heavy metal-associated domain containing protein, expressed
maker-3-augustus-gene-208.31-mRNA-1	NA	NA		Os03g0412800	OsR498G0306192500.01.T06	Glucose-6-phosphate 1-dehydrogenase
maker-3-augustus-gene-208.36-mRNA-1	NA	NA		0	OsR498G0306193100.01.T02	
maker-3-augustus-gene-208.42-mRNA-1	NA	NA		Os03g0413100	OsR498G0306193900.01.T04	ACT domain repeat 4
maker-3-augustus-gene-208.48-mRNA-1	NA	NA		Os08g0487300	OsR498G0816350400.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-3-augustus-gene-208.52-mRNA-1	NA	NA		Os03g0413400	OsR498G0306195400.01.T01	Hexosyltransferase
maker-3-augustus-gene-209.37-mRNA-1	NA	NA		Os03g0414400	OsR498G0306200600.01.T01	
maker-3-augustus-gene-209.39-mRNA-1	NA	NA		Os03g0415200	OsR498G0306205000.01.T03	PI-PLC X domain-containing protein
maker-3-augustus-gene-210.37-mRNA-1	NA	NA		Os03g0416500	OsR498G0306211200.01.T02	Probable 6-phosphogluconolactonase
maker-3-augustus-gene-211.0-mRNA-1	NA	Indica		Os07g0178700	OsR498G0306215800.01.T01	Early light-inducible protein ELIP
maker-3-augustus-gene-211.5-mRNA-1	NA	NA		Os03g0417900	OsR498G0306219200.01.T01	Vacuolar protein sorting-associated protein 52 isogeny
maker-3-augustus-gene-220.0-mRNA-1	NA	NA		0	OsR498G0101346700.01.T01	
maker-3-augustus-gene-224.11-mRNA-1	NA	NA		Os06g0310200	OsR498G0408570300.01.T02	Regulator of nonsense transcripts 1-like
maker-3-augustus-gene-235.34-mRNA-1	NA	NA				
maker-3-augustus-gene-235.36-mRNA-1	NA	NA		Os03g0570800	OsR498G0306412800.01.T03	Protein DETOXIFICATION
maker-3-augustus-gene-235.37-mRNA-1	NA	NA		Os06g0111700	OsR498G0611496700.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-235.43-mRNA-1	NA	Indica		Os03g0571700	OsR498G0306415400.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-235.46-mRNA-1	NA	Indica		Os03g0570800	OsR498G0306415800.01.T02	Protein DETOXIFICATION
maker-3-augustus-gene-235.50-mRNA-1	NA	Japonica		Os03g0572250	OsR498G1120379000.01.T02	Cell division cycle-associated protein 7
maker-3-augustus-gene-235.52-mRNA-1	NA	NA		Os03g0572300	OsR498G0306417600.01.T05	VPS37 C-terminal domain-containing protein
maker-3-augustus-gene-236.39-mRNA-1	NA	NA		Os03g0572900	OsR498G0306418600.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-236.44-mRNA-1	NA	NA	LRR-NBS-TM	Os03g0573500	OsR498G0306422200.01.T01	Putative disease resistance protein RGA3
maker-3-augustus-gene-237.0-mRNA-1	NA	NA		0	OsR498G0306423400.01.T01	
maker-3-augustus-gene-237.2-mRNA-1	NA	NA		Os03g0574900	OsR498G0306427000.01.T02	Potassium transporter
maker-3-augustus-gene-237.7-mRNA-1	NA	NA		Os03g0575200	OsR498G0306428400.01.T01	Potassium transporter
maker-3-augustus-gene-238.0-mRNA-1	NA	NA		Os03g0576900	OsR498G0306433700.01.T02	Polyamine transporter RMV1
maker-3-augustus-gene-238.10-mRNA-1	NA	Japonica		Os03g0576600	OsR498G0815254000.01.T01	ACB domain-containing protein (Fragment)

maker-3-augustus-gene-238.14-mRNA-1	NA	NA		Os03g0576700	OsR498G0306433400.01.T01	60S ribosomal protein L13
maker-3-augustus-gene-238.18-mRNA-1	NA	NA		Os03g0577000	OsR498G0306434000.01.T01	KH type-2 domain-containing protein (Fragment)
maker-3-augustus-gene-238.2-mRNA-1	NA	NA		Os03g0577200	OsR498G0306434900.01.T01	MOB kinase activator-like 1
maker-3-augustus-gene-238.21-mRNA-1	NA	NA		Os03g0577100	OsR498G0306434400.01.T02	Nuf2 family protein, expressed
maker-3-augustus-gene-238.26-mRNA-1	NA	NA		Os03g0577500	OsR498G0306435600.01.T01	Hexosyltransferase
maker-3-augustus-gene-238.7-mRNA-1	NA	NA		0	OsR498G0306431400.01.T02	
maker-3-augustus-gene-238.8-mRNA-1	NA	NA		Os03g0576200	OsR498G0306432000.01.T01	Potassium transporter
maker-3-augustus-gene-239.27-mRNA-1	NA	Japonica		Os03g0578900	OsR498G0306440100.01.T01	Myb domain protein 101
maker-3-augustus-gene-239.29-mRNA-1	NA	NA	LRR-NBS-TM			Putative NBS-LRR type disease resistance protein
maker-3-augustus-gene-239.32-mRNA-1	NA	NA		Os03g0578200	OsR498G0306437600.01.T02	
maker-3-augustus-gene-239.34-mRNA-1	NA	NA		Os03g0337800	OsR498G0306442600.01.T02	Ribosomal protein L19
maker-3-augustus-gene-240.31-mRNA-1	NA	NA	CC-LRR-NBS-TM	0	OsR498G0306443900.01.T02	Disease resistance protein RGA3
maker-3-augustus-gene-240.34-mRNA-1	NA	NA		0	OsR498G0306444400.01.T01	GDSL esterase/lipase
maker-3-augustus-gene-240.36-mRNA-1	NA	NA		Os09g0443400		Transposon protein, putative, CACTA, En/Spm sub-class
maker-3-augustus-gene-240.37-mRNA-1	NA	NA		Os09g0443400	OsR498G1220899000.01.T01	Glycine-rich RNA-binding protein-like
maker-3-augustus-gene-240.46-mRNA-1	NA	NA		Os03g0580800	OsR498G0306446200.01.T01	GDSL-like Lipase/Acylhydrolase family protein, expressed
maker-3-augustus-gene-241.30-mRNA-1	NA	Japonica		Os03g0581400	OsR498G0306450100.01.T01	GDSL-like Lipase/Acylhydrolase family protein, expressed
maker-3-augustus-gene-241.32-mRNA-1	NA	NA				QWRF motif-containing protein 3
maker-3-augustus-gene-241.34-mRNA-1	NA	Indica		Os03g0581600	OsR498G0306451100.01.T01	Multiple organellar RNA editing factor 3 like
maker-3-augustus-gene-241.36-mRNA-1	NA	NA		0	OsR498G0306451300.01.T02	
maker-3-augustus-gene-241.40-mRNA-1	NA	Indica		Os03g0581800	OsR498G0306451900.01.T03	1D-myo-inositol 2-amino-2-deoxy-alpha-D-glucopyranoside ligase
maker-3-augustus-gene-241.43-mRNA-1	NA	NA		Os03g0582000	OsR498G0306452500.01.T04	Glutamate formimidoyltransferase
maker-3-augustus-gene-241.45-mRNA-1	NA	NA		Os03g0582200	OsR498G0306453400.01.T03	Secretory carrier-associated membrane protein 4
maker-3-augustus-gene-241.51-mRNA-1	NA	Indica		Os03g0582200	OsR498G0306453600.01.T02	Secretory carrier-associated membrane protein 4
maker-3-augustus-gene-242.37-mRNA-1	NA	NA		0	OsR498G1120154400.01.T01	
maker-3-augustus-gene-242.39-mRNA-1	NA	NA		0	OsR498G0917085900.01.T01	
maker-3-augustus-gene-242.41-mRNA-1	NA	NA		Os03g0583800	OsR498G0306460900.01.T06	Peroxisomal membrane protein 2
maker-3-augustus-gene-242.47-mRNA-1	NA	NA		Os03g0584300	OsR498G0306462300.01.T02	Adenosinetriphosphatase
maker-3-augustus-gene-242.50-mRNA-1	NA	NA		0	OsR498G0306464600.01.T04	
maker-3-augustus-gene-242.55-mRNA-1	NA	NA				Endoribonuclease Dicer 2
maker-3-augustus-gene-242.65-mRNA-1	NA	NA		Os09g0315200	OsR498G0917089000.01.T04	
maker-3-augustus-gene-243.0-mRNA-1	NA	NA		Os03g0586500	OsR498G0306466900.01.T01	Post-illumination chlorophyll fluorescence increase
maker-3-augustus-gene-243.3-mRNA-1	NA	Indica		Os03g0586300	OsR498G0306466600.01.T04	Xyloglucanase 113 isoform 1
maker-3-augustus-gene-243.8-mRNA-1	NA	NA		Os03g0586600	OsR498G0306467200.01.T01	DNA-directed RNA polymerases II IV and V subunit 6A
maker-3-augustus-gene-244.42-mRNA-1	NA	NA		Os03g0587000	OsR498G0306468300.01.T01	Inositol-1-monophosphatase
maker-3-augustus-gene-244.47-mRNA-1	NA	Indica		Os03g0587100	OsR498G0306468500.01.T01	Cytokinin riboside 5'-monophosphate phosphoribohydrolase
maker-3-augustus-gene-244.49-mRNA-1	NA	NA		Os03g0588200	OsR498G0306473300.01.T01	BACK domain-containing protein
maker-3-augustus-gene-244.51-mRNA-1	NA	NA		Os03g0588600	OsR498G0306474500.01.T01	
maker-3-augustus-gene-244.56-mRNA-1	NA	NA		Os03g0586700	OsR498G0306467600.01.T01	Paladin
maker-3-augustus-gene-244.59-mRNA-1	NA	NA		Os03g0586800	OsR498G0306468000.01.T02	Lysine-tRNA ligase
maker-3-augustus-gene-244.63-mRNA-1	NA	NA		Os03g0587200	OsR498G0306468800.01.T01	Putative plus-end-directed kinesin ATPase
maker-3-augustus-gene-245.31-mRNA-1	NA	Indica		Os03g0588700	OsR498G0306474900.01.T01	
maker-3-augustus-gene-245.35-mRNA-1	NA	NA		Os03g0589300	OsR498G0306477000.01.T02	OTU domain-containing
maker-3-augustus-gene-247.33-mRNA-1	NA	NA		0	OsR498G0917123900.01.T01	
maker-3-augustus-gene-247.36-mRNA-1	NA	NA		Os03g0592500	OsR498G0306485300.01.T02	Chlorophyll a-b binding protein, chloroplastic
maker-3-augustus-gene-247.38-mRNA-1	NA	NA		0	OsR498G0306483000.01.T01	Pentatricopeptide, putative
maker-3-augustus-gene-247.40-mRNA-1	NA	Indica		Os03g0593200	OsR498G0306486600.01.T01	DUF21 domain-containing protein chloroplastic
maker-3-augustus-gene-248.0-mRNA-1	NA	NA		Os03g0593600	OsR498G0306487100.01.T01	Ent-cassadiene C2-hydroxylase
maker-3-augustus-gene-248.10-mRNA-1	NA	NA		Os03g0594700	OsR498G0306492800.01.T01	DUF862 domain-containing protein
maker-3-augustus-gene-248.2-mRNA-1	NA	NA		Os03g0594100	OsR498G0306490700.01.T01	Ent-isokaurene C2-hydroxylase
maker-3-augustus-gene-248.4-mRNA-1	NA	NA		0	OsR498G0611818300.01.T01	PLAT domain-containing protein
maker-3-augustus-gene-248.6-mRNA-1	NA	NA		Os03g0594900	OsR498G0306492900.01.T01	Ent-isokaurene C2-hydroxylase
maker-3-augustus-gene-248.8-mRNA-1	NA	NA		Os03g0594400	OsR498G0306491600.01.T01	Sugar carrier protein C
maker-3-augustus-gene-249.0-mRNA-1	NA	NA		Os03g0595200	OsR498G0306493500.01.T01	Cysteine synthase 2-like isoform X1
maker-3-augustus-gene-249.11-mRNA-1	NA	NA		Os03g0596800	OsR498G0306498400.01.T01	Probable xyloglucan glycosyltransferase 7
maker-3-augustus-gene-249.13-mRNA-1	NA	NA		Os03g0596900	OsR498G0306498800.01.T05	DEK domain-containing chromatin associated protein
maker-3-augustus-gene-249.2-mRNA-1	NA	NA		Os03g0595600	OsR498G0306494800.01.T01	Glutathione S-transferase GST 24
maker-3-augustus-gene-249.4-mRNA-1	NA	NA		0	OsR498G0306495200.01.T02	Carrier domain-containing protein
maker-3-augustus-gene-249.6-mRNA-1	NA	NA		Os03g0596400		XH domain containing protein, expressed
maker-3-augustus-gene-249.8-mRNA-1	NA	NA				Factor of DNA methylation 5
maker-3-augustus-gene-250.32-mRNA-1	NA	NA		Os03g0598100	OsR498G0306502700.01.T05	Amino acid binding protein, putative

maker-3-augustus-gene-250.36-mRNA-1	NA	Indica		Os03g0365200	OsR498G0306004300.01.T01	Ulp1 protease family, C-terminal catalytic domain containing protein
maker-3-augustus-gene-250.39-mRNA-1	NA	NA		Os03g0598700	OsR498G0306505500.01.T02	E3 ubiquitin-protein ligase
maker-3-augustus-gene-250.41-mRNA-1	NA	NA		Os03g0597600	OsR498G0306500800.01.T01	N-terminal nucleophile aminohydrolases (Ntn hydrolases) superfamily prote
maker-3-augustus-gene-250.42-mRNA-1	NA	Indica		Os03g0597600	OsR498G0306500800.01.T02	Isoaspartyl peptidase/L-asparaginase 1 subunit beta like
maker-3-augustus-gene-250.47-mRNA-1	NA	NA		Os03g0598200	OsR498G0306503000.01.T01	Nucleolar protein 14
maker-3-augustus-gene-250.52-mRNA-1	NA	NA		0	OsR498G0306503400.01.T01	Usp domain-containing protein (Fragment)
maker-3-augustus-gene-250.54-mRNA-1	NA	NA				
maker-3-augustus-gene-251.13-mRNA-1	NA	NA		Os03g0598800	OsR498G0306506000.01.T01	Ribosomal protein L15
maker-3-augustus-gene-251.17-mRNA-1	NA	NA		0	OsR498G0306506200.01.T02	DSBA oxidoreductase family protein isoform 2
maker-3-augustus-gene-251.2-mRNA-1	NA	NA		0	OsR498G0306507900.01.T01	Ultraviolet-B receptor UVR8
maker-3-augustus-gene-251.24-mRNA-1	NA	Japonica	NBS-TM	Os03g0599000	OsR498G0306507000.01.T01	Putative NBS-LRR type resistance protein
maker-3-augustus-gene-251.26-mRNA-1	NA	Japonica		Os03g0599800	OsR498G0306508200.01.T02	UDP-arabinopyranose mutase
maker-3-augustus-gene-251.29-mRNA-1	NA	NA				RRM domain-containing protein
maker-3-augustus-gene-251.31-mRNA-1	NA	Japonica		Os03g0600500	OsR498G1018781700.01.T01	Glucan endo-1,3-beta-glucosidase GII
maker-3-augustus-gene-252.24-mRNA-1	NA	NA		Os03g0601500	OsR498G0306512300.01.T01	
maker-3-augustus-gene-252.26-mRNA-1	NA	NA		0	OsR498G0306511400.01.T01	DUF295 domain-containing protein (Fragment)
maker-3-augustus-gene-253.35-mRNA-1	NA	NA		0	OsR498G0306516900.01.T05	Fructokinase-like protein 2, chloroplastic
maker-3-augustus-gene-253.37-mRNA-1	NA	NA		Os03g0603600	OsR498G0306522300.01.T01	Glycerophosphodiester phosphodiesterase
maker-3-augustus-gene-253.41-mRNA-1	NA	NA				
maker-3-augustus-gene-253.43-mRNA-1	NA	Indica		Os03g0603100	OsR498G0306519600.01.T01	Cytochrome P450, E-class, group I
maker-3-augustus-gene-254.43-mRNA-1	NA	Japonica		Os03g0604500	OsR498G0306524700.01.T01	Keratin, type II cytoskeletal 2 epidermal-like
maker-3-augustus-gene-254.45-mRNA-1	NA	NA		0	OsR498G0306525000.01.T01	
maker-3-augustus-gene-255.0-mRNA-1	NA	Indica		Os12g0581700	OsR498G0306532100.01.T01	Seed maturation protein PM23, putative, expressed
maker-3-augustus-gene-255.4-mRNA-1	NA	Japonica		Os03g0606100	OsR498G0306528600.01.T04	Lipase, putative, expressed
maker-3-augustus-gene-255.9-mRNA-1	NA	Indica		Os12g0581600	OsR498G0306532000.01.T01	Metal transporter Nramp3
maker-3-augustus-gene-256.0-mRNA-1	NA	NA		Os03g0607600	OsR498G0306537300.01.T01	Cyclin N-terminal domain-containing protein (Fragment)
maker-3-augustus-gene-256.12-mRNA-1	NA	NA				
maker-3-augustus-gene-256.4-mRNA-1	NA	NA		Os03g0608800	OsR498G0306542700.01.T04	
maker-3-augustus-gene-256.9-mRNA-1	NA	NA		Os03g0607800	OsR498G0306538000.01.T01	LisH domain-containing protein
maker-3-augustus-gene-257.28-mRNA-1	NA	Indica		Os07g0477000	OsR498G0306543500.01.T01	RNA polymerase Rpb7 N-terminal domain-containing protein
maker-3-augustus-gene-257.30-mRNA-1	NA	NA		Os03g0609500	OsR498G0306544400.01.T01	LOB domain-containing protein 37
maker-3-augustus-gene-257.32-mRNA-1	NA	NA		Os03g0609800	OsR498G0306545400.01.T01	BTB/POZ domain-containing protein NPY2
maker-3-augustus-gene-258.0-mRNA-1	NA	Indica		Os03g0610800	OsR498G0306548700.01.T01	SERPIN domain-containing protein (Fragment)
maker-3-augustus-gene-258.11-mRNA-1	NA	Indica	Kinase-TM	Os03g0610900	OsR498G0306549800.01.T02	Serine/threonine-protein kinase SAPK10
maker-3-augustus-gene-258.16-mRNA-1	NA	NA				Primosome PriB/single-strand DNA-binding protein
maker-3-augustus-gene-258.2-mRNA-1	NA	NA		Os03g0610800	OsR498G0306549300.01.T01	SERPIN domain-containing protein (Fragment)
maker-3-augustus-gene-258.3-mRNA-1	NA	Japonica		Os03g0610800	OsR498G0306548700.01.T01	SERPIN domain-containing protein (Fragment)
maker-3-augustus-gene-258.6-mRNA-1	NA	NA		Os03g0611200	OsR498G0306550700.01.T05	Putative aldo/keto reductase, NADP-dependent oxidoreductase domain-con
maker-3-augustus-gene-259.41-mRNA-1	NA	NA		0	OsR498G0306554000.01.T02	Ribosomal 5S rRNA E-loop binding protein Ctc/L25/TL5 containing protein, e
maker-3-augustus-gene-259.44-mRNA-1	NA	Japonica		Os03g0615700	OsR498G0102477000.01.T01	GRF zinc finger family protein, expressed
maker-3-augustus-gene-26.40-mRNA-1	NA	NA		0	OsR498G0305240700.01.T02	Putative lysine-specific demethylase ELF6
maker-3-augustus-gene-26.75-mRNA-1	NA	NA		0	OsR498G0305245000.01.T01	4-coumarate--CoA ligase-like protein 7
maker-3-augustus-gene-260.27-mRNA-1	NA	Japonica		Os03g0615700	OsR498G0102477000.01.T01	GRF zinc finger family protein, expressed
maker-3-augustus-gene-261.0-mRNA-1	NA	NA		0	OsR498G0306562700.01.T05	DNA polymerase kappa
maker-3-augustus-gene-261.12-mRNA-1	NA	NA		0	OsR498G0306564400.01.T01	Importin N-terminal domain-containing protein
maker-3-augustus-gene-261.22-mRNA-1	NA	NA		Os03g0617500	OsR498G0306566200.01.T01	Cyclin N-terminal domain-containing protein
maker-3-augustus-gene-261.6-mRNA-1	NA	NA				Calcium-transporting ATPase
maker-3-augustus-gene-262.49-mRNA-1	NA	Indica		Os05g0556700	OsR498G0306571500.01.T02	CCT-beta
maker-3-augustus-gene-262.54-mRNA-1	NA	NA		Os03g0619600	OsR498G0306571700.01.T01	B3 domain-containing protein (Fragment)
maker-3-augustus-gene-262.56-mRNA-1	NA	NA		0	OsR498G0306572300.01.T01	B3 domain-containing protein
maker-3-augustus-gene-262.59-mRNA-1	NA	Japonica		Os03g0617800	OsR498G0306568000.01.T01	Transcription factor bHLH84 like
maker-3-augustus-gene-262.61-mRNA-1	NA	Japonica		Os03g0617900	OsR498G1018971300.01.T01	Probable N-acetyl-gamma-glutamyl-phosphate reductase, chloroplastic
maker-3-augustus-gene-262.66-mRNA-1	NA	NA		Os03g0618300	OsR498G0306569000.01.T01	Feruloyl-CoA 6-hydroxylase
maker-3-augustus-gene-262.70-mRNA-1	NA	NA		Os05g0168200	OsR498G0509819800.01.T01	PGG domain-containing protein
maker-3-augustus-gene-263.0-mRNA-1	NA	NA	TIR	Os03g0620400	OsR498G0306573300.01.T02	B3 domain-containing protein (Fragment)
maker-3-augustus-gene-263.16-mRNA-1	NA	NA		Os03g0622100	OsR498G0306578700.01.T01	Putative B3 domain-containing protein (Fragment)
maker-3-augustus-gene-263.19-mRNA-1	NA	NA		Os03g0622200	OsR498G0306579100.01.T01	Putative B3 domain-containing protein (Fragment)
maker-3-augustus-gene-263.21-mRNA-1	NA	NA		Os03g0620800	OsR498G0306574600.01.T02	SEC1 family transport protein SLY1
maker-3-augustus-gene-263.31-mRNA-1	NA	Japonica		Os03g0622300	OsR498G1222012100.01.T02	
maker-3-augustus-gene-263.5-mRNA-1	NA	Indica		Os02g0494400	OsR498G0306575100.01.T02	Heat shock protein STI
maker-3-augustus-gene-263.9-mRNA-1	NA	NA		Os03g0621600	OsR498G0306575900.01.T01	TF-B3 domain-containing protein

maker-3-augustus-gene-264.0-mRNA-1	NA	NA		Os02g0782600	OsR498G0204890700.01.T06	SAC domain-containing protein
maker-3-augustus-gene-264.2-mRNA-1	NA	NA		0	OsR498G0714121500.01.T01	
maker-3-augustus-gene-264.4-mRNA-1	NA	NA		Os10g0429500		Transposon protein, putative, CACTA, En/Spm sub-class
maker-3-augustus-gene-265.0-mRNA-1	NA	NA		Os10g0427200		Zinc finger MYM-type protein 1
maker-3-augustus-gene-274.40-mRNA-1	NA	NA		Os10g0410300		Transposon protein, putative, Pong sub-class, expressed
maker-3-augustus-gene-274.47-mRNA-1	NA	NA		0	OsR498G1018704900.01.T01	Transposable element protein, putative, MuDR
maker-3-augustus-gene-276.0-mRNA-1	NA	NA		Os10g0408700		Protein-serine/threonine phosphatase
maker-3-augustus-gene-278.6-mRNA-1	NA	NA		0	OsR498G1018680400.01.T01	Cyclic dof factor 2
maker-3-augustus-gene-279.4-mRNA-1	NA	NA		Os02g0452800		Epimerase domain-containing protein
maker-3-augustus-gene-28.14-mRNA-1	NA	NA		Os03g0157450		DDE Tnp4 domain-containing protein (Fragment)
maker-3-augustus-gene-28.26-mRNA-1	NA	NA		Os03g0157400	OsR498G0305254600.01.T03	G family ATP-binding cassette transporter
maker-3-augustus-gene-280.27-mRNA-1	NA	NA		0	OsR498G1018668900.01.T02	Glucose-fructose oxidoreductase, bacterial
maker-3-augustus-gene-281.0-mRNA-1	NA	NA		Os10g0402400	OsR498G1018663400.01.T02	Anthocyanin 5-aromatic acyltransferase
maker-3-augustus-gene-281.11-mRNA-1	NA	NA		Os10g0402100	OsR498G0100866200.01.T01	No apical meristem protein, expressed
maker-3-augustus-gene-281.18-mRNA-1	NA	NA		Os10g0401100	OsR498G1018661100.01.T01	Endonuclease/Exonuclease/phosphatase family protein, expressed
maker-3-augustus-gene-281.2-mRNA-1	NA	NA		Os10g0402200	OsR498G1018663000.01.T01	Origin recognition complex
maker-3-augustus-gene-281.20-mRNA-1	NA	NA		Os10g0400900	OsR498G1018659900.01.T02	Mic1 domain-containing protein (Fragment)
maker-3-augustus-gene-282.33-mRNA-1	NA	NA		Os10g0400200	OsR498G1018658200.01.T01	Glutelin type-A 2
maker-3-augustus-gene-282.37-mRNA-1	NA	NA		Os10g0400100	OsR498G1018657900.01.T01	Methionyl-tRNA synthetase
maker-3-augustus-gene-283.5-mRNA-1	NA	NA		0	OsR498G1018652100.01.T01	CCAAT-binding transcription factor B
maker-3-augustus-gene-285.39-mRNA-1	NA	NA		Os10g0394100	OsR498G1018639800.01.T05	Metallophos domain-containing protein (Fragment)
maker-3-augustus-gene-285.49-mRNA-1	NA	NA		Os10g0393800	OsR498G1018638900.01.T01	GDSL-like Lipase/Acylhydrolase family protein, expressed
maker-3-augustus-gene-287.0-mRNA-1	NA	NA		0	OsR498G1018629800.01.T01	Zinc finger CCCH domain-containing protein 62
maker-3-augustus-gene-289.0-mRNA-1	NA	NA		Os10g0387000	OsR498G1018615200.01.T01	Ethanolamine-phosphate cytidylyltransferase-like
maker-3-augustus-gene-289.20-mRNA-1	NA	NA		Os08g0224900	OsR498G0815465400.01.T01	(3R)-hydroxymyristoyl-[acyl-carrier-protein] dehydratase
maker-3-augustus-gene-289.6-mRNA-1	NA	NA				ATP-dependent DNA helicase
maker-3-augustus-gene-301.22-mRNA-1	NA	NA		Os10g0370500	OsR498G1018560400.01.T01	Mannan endo-1,4-beta-mannosidase
maker-3-augustus-gene-301.25-mRNA-1	NA	NA	NBS-TM	Os10g0370100		calmodulin-binding transcription activator 3
maker-3-augustus-gene-301.27-mRNA-1	NA	NA	Kinase-TM			Serine/threonine-protein kinase edr1
maker-3-augustus-gene-301.29-mRNA-1	NA	NA	CC-LRR-NBS-TM	Os10g0370400	OsR498G1018560100.01.T01	Disease resistance protein RPP13
maker-3-augustus-gene-302.0-mRNA-1	NA	NA		Os10g0370000	OsR498G1018558800.01.T04	PPM-type phosphatase domain-containing protein
maker-3-augustus-gene-302.11-mRNA-1	NA	NA		Os10g0369900	OsR498G1018558500.01.T01	Myo-inositol 1-phosphate synthase
maker-3-augustus-gene-304.0-mRNA-1	NA	NA		0	OsR498G1018550000.01.T01	C2 NT-type domain-containing protein (Fragment)
maker-3-augustus-gene-304.10-mRNA-1	NA	NA		Os10g0365800	OsR498G1018554500.01.T01	
maker-3-augustus-gene-304.14-mRNA-1	NA	NA	NBS-TM	0	OsR498G1018551100.01.T01	NB-ARC domain containing protein, expressed
maker-3-augustus-gene-304.8-mRNA-1	NA	NA		Os10g0365800	OsR498G1018554500.01.T01	
maker-3-augustus-gene-305.25-mRNA-1	NA	NA		0	OsR498G1018548100.01.T01	Acetyl-CoA carboxylase
maker-3-augustus-gene-307.6-mRNA-1	NA	NA		Os10g0360100	OsR498G1018533200.01.T01	Polyol transporter 5
maker-3-augustus-gene-308.0-mRNA-1	NA	NA		Os10g0359500	OsR498G1018531800.01.T03	NAC domain-containing protein 68
maker-3-augustus-gene-308.11-mRNA-1	NA	NA		Os10g0358600	OsR498G1018527900.01.T01	Histone deacetylase complex subunit SAP30
maker-3-augustus-gene-308.4-mRNA-1	NA	NA		0	OsR498G1018530200.01.T01	DUF569 domain-containing protein
maker-3-augustus-gene-31.0-mRNA-1	NA	NA		Os03g0161400	OsR498G0305266900.01.T01	IQ calmodulin-binding motif family protein, expressed
maker-3-augustus-gene-31.11-mRNA-1	NA	NA		Os03g0161900	OsR498G0305270500.01.T08	Heat shock transcription factor
maker-3-augustus-gene-31.14-mRNA-1	NA	Japonica		Os03g0162000	OsR498G0305271700.01.T05	Flavin-containing monooxygenase
maker-3-augustus-gene-31.3-mRNA-1	NA	NA		Os03g0161500	OsR498G0305267300.01.T04	EGF-like domain-containing protein
maker-3-augustus-gene-31.7-mRNA-1	NA	NA		Os03g0161800	OsR498G0305270300.01.T04	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase
maker-3-augustus-gene-311.6-mRNA-1	NA	NA	Kinase-TM	Os10g0351500	OsR498G1018522700.01.T01	Tyrosine-protein kinase
maker-3-augustus-gene-313.32-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-3-augustus-gene-315.10-mRNA-1	NA	NA		Os10g0346200	OsR498G1018510900.01.T01	Zinc finger, RING/FYVE/PHD-type
maker-3-augustus-gene-315.8-mRNA-1	NA	NA		Os10g0346300	OsR498G1018511200.01.T01	Laccase
maker-3-augustus-gene-317.37-mRNA-1	NA	NA		Os10g0344900	OsR498G1018502800.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-317.42-mRNA-1	NA	NA		Os10g0343500		
maker-3-augustus-gene-318.37-mRNA-1	NA	NA		0	OsR498G1018442800.01.T03	
maker-3-augustus-gene-321.44-mRNA-1	NA	NA	Kinase-LRR-TM	Os10g0337400	OsR498G1018480300.01.T01	Receptor protein kinase
maker-3-augustus-gene-321.46-mRNA-1	NA	NA		Os03g0658800	OsR498G0306712000.01.T02	Cytochrome P450 family 87 subfamily A polypeptide 2
maker-3-augustus-gene-322.0-mRNA-1	NA	NA		Os10g0335200	OsR498G1018478100.01.T04	HNHc domain-containing protein
maker-3-augustus-gene-322.4-mRNA-1	NA	NA		Os10g0335000	OsR498G1018477300.01.T01	Dirigent protein (Fragment)
maker-3-augustus-gene-323.0-mRNA-1	NA	NA		Os10g0331700	OsR498G1018472400.01.T01	UDP-glucuronosyl and UDP-glucosyl transferase family protein, expressed
maker-3-augustus-gene-324.48-mRNA-1	NA	NA		Os10g0330400	OsR498G1018462100.01.T01	UPF0301 protein like
maker-3-augustus-gene-325.36-mRNA-1	NA	NA				
maker-3-augustus-gene-326.0-mRNA-1	NA	NA		0	OsR498G1018456600.01.T01	

maker-3-augustus-gene-326.2-mRNA-1	NA	NA		Os10g0329300	OsR498G1018458100.01.T03	Mevalonate kinase
maker-3-augustus-gene-326.5-mRNA-1	NA	NA		Os08g0487300	OsR498G0816350400.01.T01	Transposon protein, putative, Mutator sub-class
maker-3-augustus-gene-327.24-mRNA-1	NA	NA		Os10g0327300	OsR498G1018450400.01.T01	Phosphatidate cytidyltransferase
maker-3-augustus-gene-327.30-mRNA-1	NA	NA	Kinase-TM	Os10g0327000	OsR498G1018449400.01.T02	Receptor-like serine/threonine-protein kinase
maker-3-augustus-gene-328.11-mRNA-1	NA	NA		0	OsR498G1018443100.01.T02	Chromo domain-containing protein LHP1
maker-3-augustus-gene-328.13-mRNA-1	NA	NA		Os10g0324600	OsR498G1018442500.01.T01	zinc finger protein 346
maker-3-augustus-gene-328.2-mRNA-1	NA	NA		Os10g0490400	OsR498G1018442800.01.T03	Transposon protein, putative, unclassified, expressed
maker-3-augustus-gene-328.5-mRNA-1	NA	NA		Os10g0325400	OsR498G1018443700.01.T01	Remorin, C-terminal region family protein, expressed
maker-3-augustus-gene-329.0-mRNA-1	NA	NA		Os10g0323900	OsR498G1018438600.01.T01	Profilin-A
maker-3-augustus-gene-329.2-mRNA-1	NA	NA		Os10g0323600	OsR498G1018437300.01.T01	Profilin-A
maker-3-augustus-gene-329.4-mRNA-1	NA	NA		Os10g0323500	OsR498G1018437100.01.T02	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucoside
maker-3-augustus-gene-329.7-mRNA-1	NA	NA		0	OsR498G0306694200.01.T02	Chlorophyll(ide) b reductase NOL, chloroplastic
maker-3-augustus-gene-330.12-mRNA-1	NA	NA		Os10g0322250		Inorganic phosphate transporter 6
maker-3-augustus-gene-330.15-mRNA-1	NA	NA		Os10g0322200	OsR498G1018432500.01.T01	Glycosyltransferase
maker-3-augustus-gene-330.4-mRNA-1	NA	NA		Os10g0321700	OsR498G1018431000.01.T03	Glycine-rich RNA-binding protein 3 mitochondrial
maker-3-augustus-gene-330.5-mRNA-1	NA	NA		Os10g0321700	OsR498G1018431000.01.T03	RRM domain-containing protein
maker-3-augustus-gene-331.28-mRNA-1	NA	Japonica		Os03g0650800	OsR498G0306680500.01.T01	Zein-binding domain-containing protein
maker-3-augustus-gene-331.30-mRNA-1	NA	NA		Os04g0430600	OsR498G0408587500.01.T01	Late embryogenesis abundant protein, LEA-14
maker-3-augustus-gene-331.32-mRNA-1	NA	Indica		Os12g0618300	OsR498G0306667400.01.T01	CP-type G domain-containing protein
maker-3-augustus-gene-331.34-mRNA-1	NA	NA		Os03g0650900	OsR498G0306680800.01.T02	RING-type E3 ubiquitin transferase
maker-3-augustus-gene-335.21-mRNA-1	NA	NA				
maker-3-augustus-gene-343.5-mRNA-1	NA	NA		Os03g0570200	OsR498G0203772900.01.T07	
maker-3-augustus-gene-344.36-mRNA-1	NA	NA				
maker-3-augustus-gene-344.38-mRNA-1	NA	NA		Os03g0570800	OsR498G0306412800.01.T03	Protein DETOXIFICATION
maker-3-augustus-gene-344.39-mRNA-1	NA	NA		Os06g0111700	OsR498G0611496700.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-344.45-mRNA-1	NA	Indica		Os03g0571700	OsR498G0306415400.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-344.48-mRNA-1	NA	Indica		Os03g0570800	OsR498G0306415800.01.T02	Protein DETOXIFICATION
maker-3-augustus-gene-345.0-mRNA-1	NA	Japonica		Os03g0572250	OsR498G1120379000.01.T02	Cell division cycle-associated protein 7
maker-3-augustus-gene-345.2-mRNA-1	NA	NA		Os03g0572300	OsR498G0306417600.01.T05	VPS37 C-terminal domain-containing protein
maker-3-augustus-gene-345.5-mRNA-1	NA	NA		Os03g0572900	OsR498G0306418600.01.T01	Protein DETOXIFICATION
maker-3-augustus-gene-346.27-mRNA-1	NA	NA		0	OsR498G0306423400.01.T01	
maker-3-augustus-gene-346.29-mRNA-1	NA	NA		Os03g0574900	OsR498G0306427000.01.T02	Potassium transporter
maker-3-augustus-gene-346.34-mRNA-1	NA	NA		Os03g0575200	OsR498G0306428400.01.T01	Potassium transporter
maker-3-augustus-gene-347.41-mRNA-1	NA	NA		Os03g0576900	OsR498G0306433700.01.T02	Polyamine transporter RMV1
maker-3-augustus-gene-347.43-mRNA-1	NA	NA		Os03g0577200	OsR498G0306434900.01.T01	MOB kinase activator-like 1
maker-3-augustus-gene-347.48-mRNA-1	NA	NA		0	OsR498G0306431400.01.T02	
maker-3-augustus-gene-347.49-mRNA-1	NA	NA		Os03g0576200	OsR498G0306432000.01.T01	Potassium transporter
maker-3-augustus-gene-347.51-mRNA-1	NA	Japonica		Os03g0576600	OsR498G0815254000.01.T01	ACB domain-containing protein (Fragment)
maker-3-augustus-gene-347.55-mRNA-1	NA	NA		Os03g0576700	OsR498G0306433400.01.T01	60S ribosomal protein L13
maker-3-augustus-gene-347.59-mRNA-1	NA	NA		Os03g0577000	OsR498G0306434000.01.T01	KH type-2 domain-containing protein (Fragment)
maker-3-augustus-gene-347.62-mRNA-1	NA	NA		Os03g0577100	OsR498G0306434400.01.T02	Nuf2 family protein, expressed
maker-3-augustus-gene-347.67-mRNA-1	NA	NA		Os03g0577500	OsR498G0306435600.01.T01	Hexosyltransferase
maker-3-augustus-gene-348.0-mRNA-1	NA	Japonica		Os03g0578900	OsR498G0306440100.01.T01	Myb domain protein 101
maker-3-augustus-gene-348.2-mRNA-1	NA	NA		Os03g0578200	OsR498G0306437600.01.T02	
maker-3-augustus-gene-349.0-mRNA-1	NA	NA	LRR-NBS-TM	0	OsR498G0306441900.01.T01	Putative NBS-LRR type disease resistance protein
maker-3-augustus-gene-349.11-mRNA-1	NA	NA		0	OsR498G0306444400.01.T01	GDSL esterase/lipase
maker-3-augustus-gene-349.13-mRNA-1	NA	NA		Os09g0443400		Transposon protein, putative, CACTA, En/Spm sub-class
maker-3-augustus-gene-349.14-mRNA-1	NA	NA		Os09g0443400	OsR498G1220899000.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-3-augustus-gene-349.23-mRNA-1	NA	NA		Os03g0580800	OsR498G0306446200.01.T01	GDSL-like Lipase/Acylhydrolase family protein, expressed
maker-3-augustus-gene-349.3-mRNA-1	NA	NA	CC-LRR-NBS-TM	0	OsR498G0306443900.01.T02	Disease resistance protein RGA3
maker-3-augustus-gene-349.6-mRNA-1	NA	NA		Os03g0337800	OsR498G0306442600.01.T02	Ribosomal protein L19
maker-3-augustus-gene-350.27-mRNA-1	NA	Japonica		Os03g0581400	OsR498G0306450100.01.T01	GDSL-like Lipase/Acylhydrolase family protein, expressed
maker-3-augustus-gene-350.29-mRNA-1	NA	NA				QWRF motif-containing protein 3
maker-3-augustus-gene-350.31-mRNA-1	NA	Indica		Os03g0581600	OsR498G0306451100.01.T01	Multiple organellar RNA editing factor 3 like
maker-3-augustus-gene-350.33-mRNA-1	NA	NA		0	OsR498G0306451300.01.T02	
maker-3-augustus-gene-350.40-mRNA-1	NA	NA		Os03g0582000	OsR498G0306452500.01.T04	Glutamate formimidoyltransferase
maker-3-augustus-gene-350.42-mRNA-1	NA	NA		Os03g0582200	OsR498G0306453400.01.T03	Secretory carrier-associated membrane protein 4
maker-3-augustus-gene-351.0-mRNA-1	NA	NA		0	OsR498G1120154400.01.T01	
maker-3-augustus-gene-351.14-mRNA-1	NA	Indica		Os03g0582200	OsR498G0306453600.01.T02	Secretory carrier-associated membrane protein 4
maker-3-augustus-gene-351.17-mRNA-1	NA	NA		0	OsR498G0306456400.01.T04	
maker-3-augustus-gene-351.2-mRNA-1	NA	NA		0	OsR498G0917085900.01.T01	

maker-3-augustus-gene-351.20-mRNA-1	NA	NA	Kinase-TM	Os03g0269300	OsR498G0305649000.01.T01	Proline-rich receptor-like protein kinase PERK3
maker-3-augustus-gene-351.22-mRNA-1	NA	NA				Endoribonuclease Dicer 2
maker-3-augustus-gene-351.32-mRNA-1	NA	NA		Os09g0315200	OsR498G0917089000.01.T04	
maker-3-augustus-gene-351.4-mRNA-1	NA	NA		Os03g0583700	OsR498G0917087500.01.T01	Proteasome maturation factor UMP
maker-3-augustus-gene-351.8-mRNA-1	NA	NA		Os03g0583800	OsR498G0306460900.01.T06	Peroxisomal membrane protein 2
maker-3-augustus-gene-352.0-mRNA-1	NA	NA		Os03g0584300	OsR498G0306462300.01.T02	Adenosinetriphosphatase
maker-3-augustus-gene-353.0-mRNA-1	NA	NA		Os03g0586500	OsR498G0306466900.01.T01	Post-illumination chlorophyll fluorescence increase
maker-3-augustus-gene-353.14-mRNA-1	NA	Indica		Os03g0587100	OsR498G0306468500.01.T01	Cytokinin riboside 5'-monophosphate phosphoribohydrolase
maker-3-augustus-gene-353.16-mRNA-1	NA	NA		Os03g0586300	OsR498G0306466600.01.T05	Xyloglucanase 113 isoform 2
maker-3-augustus-gene-353.21-mRNA-1	NA	NA		Os03g0586600	OsR498G0306467200.01.T01	DNA-directed RNA polymerases II IV and V subunit 6A
maker-3-augustus-gene-353.24-mRNA-1	NA	NA		Os03g0586700	OsR498G0306467600.01.T01	Paladin
maker-3-augustus-gene-353.30-mRNA-1	NA	NA		Os03g0586800	OsR498G0306468000.01.T02	Lysine--tRNA ligase
maker-3-augustus-gene-353.34-mRNA-1	NA	NA		Os03g0587200	OsR498G0306468800.01.T01	Putative plus-end-directed kinesin ATPase
maker-3-augustus-gene-353.9-mRNA-1	NA	NA		Os03g0587000	OsR498G0306468300.01.T01	Inositol-1-monophosphatase
maker-3-augustus-gene-354.39-mRNA-1	NA	NA		Os03g0588600	OsR498G0306474500.01.T01	
maker-3-augustus-gene-354.41-mRNA-1	NA	Indica		Os03g0588700	OsR498G0306474900.01.T01	
maker-3-augustus-gene-354.45-mRNA-1	NA	NA		Os03g0589300	OsR498G0306477000.01.T02	OTU domain-containing
maker-3-augustus-gene-356.0-mRNA-1	NA	NA		0	OsR498G0917123900.01.T01	
maker-3-augustus-gene-356.3-mRNA-1	NA	NA		Os03g0592500	OsR498G0306485300.01.T02	Chlorophyll a-b binding protein, chloroplastic
maker-3-augustus-gene-356.5-mRNA-1	NA	NA		0	OsR498G0306483000.01.T01	Pentatricopeptide, putative
maker-3-augustus-gene-357.0-mRNA-1	NA	NA		Os03g0593600	OsR498G0306487100.01.T01	Ent-cassadiene C2-hydroxylase
maker-3-augustus-gene-357.12-mRNA-1	NA	NA		Os03g0594400	OsR498G0306491600.01.T01	Sugar carrier protein C
maker-3-augustus-gene-357.14-mRNA-1	NA	NA		Os03g0594700	OsR498G0306492800.01.T01	DUF862 domain-containing protein
maker-3-augustus-gene-357.2-mRNA-1	NA	NA		Os03g0594100	OsR498G0306490700.01.T01	Ent-isokaurene C2-hydroxylase
maker-3-augustus-gene-357.4-mRNA-1	NA	NA		0	OsR498G0611818300.01.T01	PLAT domain-containing protein
maker-3-augustus-gene-357.6-mRNA-1	NA	Indica		Os03g0593200	OsR498G0306486600.01.T01	DUF21 domain-containing protein chloroplastic
maker-3-augustus-gene-358.0-mRNA-1	NA	NA		Os03g0594900	OsR498G0306492900.01.T01	Ent-isokaurene C2-hydroxylase
maker-3-augustus-gene-358.10-mRNA-1	NA	NA		0	OsR498G0306496600.01.T04	Factor of DNA methylation 1
maker-3-augustus-gene-358.4-mRNA-1	NA	NA		Os03g0595600	OsR498G0306494800.01.T01	Glutathione S-transferase GST 24
maker-3-augustus-gene-358.6-mRNA-1	NA	NA		0	OsR498G0306495200.01.T02	Carrier domain-containing protein
maker-3-augustus-gene-358.8-mRNA-1	NA	NA		Os03g0596400		XH domain containing protein, expressed
maker-3-augustus-gene-359.37-mRNA-1	NA	NA		Os03g0598100	OsR498G0306502700.01.T05	Amino acid binding protein, putative
maker-3-augustus-gene-359.41-mRNA-1	NA	Japonica		Os03g0596800	OsR498G0306498400.01.T01	TF-B3 domain-containing protein
maker-3-augustus-gene-359.43-mRNA-1	NA	NA		Os03g0596900	OsR498G0306498800.01.T05	DEK domain-containing chromatin associated protein
maker-3-augustus-gene-359.50-mRNA-1	NA	Indica		Os03g0597600	OsR498G0306500800.01.T02	Isoaspartyl peptidase/L-asparaginase 1 subunit beta like
maker-3-augustus-gene-359.55-mRNA-1	NA	NA		Os03g0598200	OsR498G0306503000.01.T01	Nucleolar protein 14
maker-3-augustus-gene-359.60-mRNA-1	NA	NA		0	OsR498G0306503400.01.T01	Usp domain-containing protein (Fragment)
maker-3-augustus-gene-360.23-mRNA-1	NA	Indica		Os03g0365200	OsR498G0306004300.01.T01	Ulp1 protease family, C-terminal catalytic domain containing protein
maker-3-augustus-gene-360.26-mRNA-1	NA	NA		Os03g0598700	OsR498G0306505500.01.T02	E3 ubiquitin-protein ligase
maker-3-augustus-gene-360.35-mRNA-1	NA	NA				
maker-3-augustus-gene-360.38-mRNA-1	NA	NA		Os03g0598800	OsR498G0306506000.01.T01	Ribosomal protein L15
maker-3-augustus-gene-360.42-mRNA-1	NA	NA		0	OsR498G0306506200.01.T02	DSBA oxidoreductase family protein isoform 2
maker-3-augustus-gene-360.49-mRNA-1	NA	Japonica	LRR-NBS-TM	Os03g0599000	OsR498G0306507000.01.T01	NB-ARC domain-containing protein
maker-3-augustus-gene-360.51-mRNA-1	NA	Japonica		Os03g0599800	OsR498G0306508200.01.T02	UDP-arabinopyranose mutase
maker-3-augustus-gene-361.0-mRNA-1	NA	NA		Os03g0601500	OsR498G0306512300.01.T01	
maker-3-augustus-gene-361.2-mRNA-1	NA	NA				RRM domain-containing protein
maker-3-augustus-gene-361.4-mRNA-1	NA	Japonica		Os03g0600500	OsR498G1018781700.01.T01	Glucan endo-1,3-beta-glucosidase GII
maker-3-augustus-gene-361.6-mRNA-1	NA	NA		0	OsR498G0306511400.01.T01	DUF295 domain-containing protein (Fragment)
maker-3-augustus-gene-362.4-mRNA-1	NA	NA		0	OsR498G0306516900.01.T05	Fructokinase-like protein 2, chloroplastic
maker-3-augustus-gene-362.6-mRNA-1	NA	Indica		Os03g0603100	OsR498G0306519600.01.T01	Cytochrome P450, E-class, group I
maker-3-augustus-gene-363.0-mRNA-1	NA	NA		Os03g0603600	OsR498G0306522300.01.T01	Glycerophosphodiester phosphodiesterase
maker-3-augustus-gene-363.4-mRNA-1	NA	NA				
maker-3-augustus-gene-363.6-mRNA-1	NA	Japonica		Os03g0604500	OsR498G0306524700.01.T01	Keratin, type II cytoskeletal 2 epidermal-like
maker-3-augustus-gene-363.8-mRNA-1	NA	NA		0	OsR498G0306525000.01.T01	
maker-3-augustus-gene-364.0-mRNA-1	NA	Japonica		Os03g0606100	OsR498G0306528600.01.T04	Lipase, putative, expressed
maker-3-augustus-gene-365.36-mRNA-1	NA	Indica		Os12g0581700	OsR498G0306532100.01.T01	Seed maturation protein PM23, putative, expressed
maker-3-augustus-gene-365.40-mRNA-1	NA	NA		Os03g0607600	OsR498G0306537300.01.T01	Cyclin N-terminal domain-containing protein (Fragment)
maker-3-augustus-gene-365.46-mRNA-1	NA	Indica		Os12g0581600	OsR498G0306532000.01.T01	Metal transporter Nramp3
maker-3-augustus-gene-365.59-mRNA-1	NA	NA		Os03g0607800	OsR498G0306538000.01.T01	LisH domain-containing protein
maker-3-augustus-gene-365.62-mRNA-1	NA	NA		0	OsR498G0306540800.01.T03	
maker-3-augustus-gene-366.0-mRNA-1	NA	NA		Os03g0608800	OsR498G0306542700.01.T04	

maker-3-augustus-gene-366.5-mRNA-1	NA	Indica		Os07g0477000	OsR498G0306543500.01.T01	RNA polymerase Rpb7 N-terminal domain-containing protein
maker-3-augustus-gene-366.7-mRNA-1	NA	NA		Os03g0609500	OsR498G0306544400.01.T01	LOB domain-containing protein 37
maker-3-augustus-gene-366.9-mRNA-1	NA	NA		Os03g0609800	OsR498G0306545400.01.T01	BTB/POZ domain-containing protein NPY2
maker-3-augustus-gene-367.0-mRNA-1	NA	Indica		Os03g0610800	OsR498G0306548700.01.T01	SERPIN domain-containing protein (Fragment)
maker-3-augustus-gene-367.14-mRNA-1	NA	NA				Primosome PriB/single-strand DNA-binding protein
maker-3-augustus-gene-367.2-mRNA-1	NA	NA				SERPIN domain-containing protein (Fragment)
maker-3-augustus-gene-367.4-mRNA-1	NA	NA		Os03g0611200	OsR498G0306550700.01.T05	Putative aldo/keto reductase, NADP-dependent oxidoreductase domain-con
maker-3-augustus-gene-367.9-mRNA-1	NA	Indica	Kinase-TM	Os03g0610900	OsR498G0306549800.01.T02	Serine/threonine-protein kinase SAPK10
maker-3-augustus-gene-368.41-mRNA-1	NA	NA		0	OsR498G0306554000.01.T02	Ribosomal protein L25/Gln-tRNA synthetase, anti-codon-binding domain
maker-3-augustus-gene-368.44-mRNA-1	NA	Japonica		Os03g0615700	OsR498G0102477000.01.T01	GRF zinc finger family protein, expressed
maker-3-augustus-gene-368.46-mRNA-1	NA	NA		0	OsR498G0306556200.01.T01	ARF guanine-nucleotide exchange factor GNOM
maker-3-augustus-gene-369.27-mRNA-1	NA	Japonica		Os03g0615700	OsR498G0102477000.01.T01	GRF zinc finger family protein, expressed
maker-3-augustus-gene-370.0-mRNA-1	NA	NA		0	OsR498G0306562700.01.T05	DNA polymerase kappa
maker-3-augustus-gene-370.10-mRNA-1	NA	Japonica		Os03g0616600	OsR498G0306563600.01.T01	Condensin-2 complex subunit like
maker-3-augustus-gene-370.12-mRNA-1	NA	NA		0	OsR498G0306564400.01.T01	Importin N-terminal domain-containing protein
maker-3-augustus-gene-370.6-mRNA-1	NA	NA		Os03g0616400	OsR498G0306563100.01.T01	Calcium-transporting ATPase
maker-3-augustus-gene-371.47-mRNA-1	NA	Indica		Os05g0556700	OsR498G0306571500.01.T02	CCT-beta
maker-3-augustus-gene-371.52-mRNA-1	NA	NA		Os03g0619600	OsR498G0306571700.01.T01	B3 domain-containing protein (Fragment)
maker-3-augustus-gene-371.54-mRNA-1	NA	NA		Os03g0617500	OsR498G0306566200.01.T01	Cyclin N-terminal domain-containing protein
maker-3-augustus-gene-371.57-mRNA-1	NA	Japonica		Os03g0617800	OsR498G0306568000.01.T01	Transcription factor bHLH84 like
maker-3-augustus-gene-371.59-mRNA-1	NA	Japonica		Os03g0617900	OsR498G1018971300.01.T01	Probable N-acetyl-gamma-glutamyl-phosphate reductase, chloroplastic
maker-3-augustus-gene-371.64-mRNA-1	NA	NA		Os03g0618300	OsR498G0306569000.01.T01	Naringenin,2-oxoglutarate 3-dioxygenase
maker-3-augustus-gene-371.68-mRNA-1	NA	NA		Os05g0168200	OsR498G0509819800.01.T01	PGG domain-containing protein
maker-3-augustus-gene-372.0-mRNA-1	NA	NA		0	OsR498G0306572300.01.T01	B3 domain-containing protein
maker-3-augustus-gene-372.12-mRNA-1	NA	NA		Os03g0621600	OsR498G0306575900.01.T01	TF-B3 domain-containing protein
maker-3-augustus-gene-372.19-mRNA-1	NA	NA		Os03g0620800	OsR498G0306574600.01.T02	SEC1 family transport protein SLY1
maker-3-augustus-gene-372.21-mRNA-1	NA	NA				ATP-dependent DNA helicase
maker-3-augustus-gene-372.3-mRNA-1	NA	NA	TIR	Os03g0620400	OsR498G0306573300.01.T02	B3 domain-containing protein (Fragment)
maker-3-augustus-gene-372.8-mRNA-1	NA	Indica		Os02g0494400	OsR498G0306575100.01.T02	Heat shock protein STI
maker-3-augustus-gene-373.0-mRNA-1	NA	NA		Os03g0622100	OsR498G0306578700.01.T01	Putative B3 domain-containing protein (Fragment)
maker-3-augustus-gene-373.7-mRNA-1	NA	Japonica		Os03g0622300	OsR498G1222012100.01.T02	
maker-3-augustus-gene-374.4-mRNA-1	NA	NA		Os09g0348800	OsR498G1221562500.01.T04	Proline rich coiled-coil 2C
maker-3-augustus-gene-375.29-mRNA-1	NA	NA		Os03g0626600	OsR498G0306596100.01.T06	LIM zinc-binding domain-containing protein
maker-3-augustus-gene-384.41-mRNA-1	NA	Indica		Os12g0613250	OsR498G0306644400.01.T01	BTB/POZ domain-containing protein At1g30440
maker-3-augustus-gene-387.22-mRNA-1	NA	Indica		Os03g0647500	OsR498G0306667400.01.T01	CP-type G domain-containing protein
maker-3-augustus-gene-389.0-mRNA-1	NA	NA		Os03g0650000	OsR498G0306675300.01.T04	YABBY transcription factor
maker-3-augustus-gene-389.11-mRNA-1	NA	Japonica		Os03g0650800	OsR498G0306680500.01.T01	Zein-binding domain-containing protein
maker-3-augustus-gene-389.17-mRNA-1	NA	NA		Os03g0650900	OsR498G0306680800.01.T02	RING-type E3 ubiquitin transferase
maker-3-augustus-gene-39.19-mRNA-1	NA	NA		Os03g0180300	OsR498G0305328700.01.T05	Smr domain-containing protein
maker-3-augustus-gene-39.23-mRNA-1	NA	NA		0	OsR498G0305321800.01.T02	Putative copper-transporting ATPase PAA1
maker-3-augustus-gene-39.6-mRNA-1	NA	NA				Tubulin--tyrosine ligase-like protein 12
maker-3-augustus-gene-392.27-mRNA-1	NA	NA		0	OsR498G0306696300.01.T01	Cysteine dioxygenase
maker-3-augustus-gene-392.29-mRNA-1	NA	NA		0	OsR498G0306696900.01.T01	CS domain
maker-3-augustus-gene-392.50-mRNA-1	NA	NA		0	OsR498G0306694400.01.T02	Chlorophyllide b reductase NOLic isoform X2
maker-3-augustus-gene-392.53-mRNA-1	NA	NA		Os03g0654700	OsR498G0306694600.01.T01	Cysteine dioxygenase
maker-3-augustus-gene-392.55-mRNA-1	NA	NA		Os03g0655200	OsR498G0306696800.01.T02	Membrin
maker-3-augustus-gene-393.0-mRNA-1	NA	NA		Os03g0655600		Putative far-red impaired response protein
maker-3-augustus-gene-393.18-mRNA-1	NA	NA		Os03g0656000	OsR498G0306699600.01.T01	SHSP domain-containing protein (Fragment)
maker-3-augustus-gene-393.2-mRNA-1	NA	NA				3-isopropylmalate dehydrogenase
maker-3-augustus-gene-393.21-mRNA-1	NA	NA		Os03g0656201	OsR498G0306701000.01.T01	DnaJ/Hsp40 cysteine-rich domain superfamily protein (Fragment)
maker-3-augustus-gene-393.23-mRNA-1	NA	NA		Os03g0657400	OsR498G0306705400.01.T01	WRKY transcription factor 60
maker-3-augustus-gene-393.7-mRNA-1	NA	NA		Os03g0656800	OsR498G0306703500.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-3-augustus-gene-393.9-mRNA-1	NA	NA		Os03g0656900	OsR498G0306703700.01.T01	NusB antitermination factor
maker-3-augustus-gene-394.0-mRNA-1	NA	NA		Os03g0658100		Cytochrome P450, family 87, subfamily A, polypeptide 2
maker-3-augustus-gene-394.3-mRNA-1	NA	NA		Os03g0658800	OsR498G0306712000.01.T03	Cytochrome P450 family protein, expressed
maker-3-augustus-gene-395.0-mRNA-1	NA	NA				Benzyl alcohol O-benzoyltransferase
maker-3-augustus-gene-395.11-mRNA-1	NA	NA		0	OsR498G0306718000.01.T02	Interactor of constitutive active ROPs 2
maker-3-augustus-gene-395.15-mRNA-1	NA	NA		Os03g0659900	OsR498G0306718200.01.T01	Membralin like
maker-3-augustus-gene-395.20-mRNA-1	NA	NA		0	OsR498G0306743300.01.T01	Hydroxyproline-rich glycoprotein-like
maker-3-augustus-gene-395.4-mRNA-1	NA	NA		Os03g0659300	OsR498G0306714600.01.T03	VOC domain-containing protein (Fragment)
maker-3-augustus-gene-395.7-mRNA-1	NA	NA		Os03g0659400	OsR498G0306714800.01.T01	DWNN domain a CCHC-type zinc finger

maker-3-augustus-gene-396.0-mRNA-1	NA	NA		Os03g0661300	OsR498G0306725900.01.T01	Tubulin beta chain
maker-3-augustus-gene-396.4-mRNA-1	NA	Indica		Os03g0660700	OsR498G0306722400.01.T01	
maker-3-augustus-gene-397.37-mRNA-1	NA	NA		Os03g0663100	OsR498G0306730500.01.T03	PDZ domain-containing protein
maker-3-augustus-gene-397.40-mRNA-1	NA	NA		0	OsR498G0306735500.01.T06	Type IV inositol polyphosphate 5-phosphatase 7
maker-3-augustus-gene-397.44-mRNA-1	NA	NA		Os03g0661800	OsR498G0306729000.01.T04	PDZ domain-containing protein
maker-3-augustus-gene-397.48-mRNA-1	NA	NA		Os03g0663800		Vicilin-like embryo storage protein
maker-3-augustus-gene-397.50-mRNA-1	NA	NA		Os03g0663900	OsR498G0306736000.01.T01	AAI domain-containing protein (Fragment)
maker-3-augustus-gene-398.38-mRNA-1	NA	NA		0	OsR498G0306737900.01.T01	AAI domain-containing protein
maker-3-augustus-gene-398.40-mRNA-1	NA	NA		Os03g0664700	OsR498G0306738200.01.T02	RNA polymerase II accessory factor
maker-3-augustus-gene-398.42-mRNA-1	NA	NA		Os03g0665200	OsR498G0306740400.01.T02	FLZ-type domain-containing protein (Fragment)
maker-3-augustus-gene-399.38-mRNA-1	NA	NA		Os03g0665800	OsR498G0306744300.01.T02	Armadillo/beta-catenin-like repeat protein
maker-3-augustus-gene-399.42-mRNA-1	NA	Indica		Os03g0666100	OsR498G0306745100.01.T01	ARF guanine-nucleotide exchange factor GNOM
maker-3-augustus-gene-399.44-mRNA-1	NA	NA		0	OsR498G0306745700.01.T01	Myb-like domain-containing protein
maker-3-augustus-gene-399.47-mRNA-1	NA	NA		Os03g0666500	OsR498G0306746900.01.T04	Ras-related protein RHN1
maker-3-augustus-gene-399.48-mRNA-1	NA	Indica		Os03g0666500	OsR498G0306746900.01.T03	Ras-related protein RHN1
maker-3-augustus-gene-399.52-mRNA-1	NA	NA		Os05g0394100		Glutathione S-transferase T3-like
maker-3-augustus-gene-399.54-mRNA-1	NA	NA		Os03g0666200	OsR498G0306745400.01.T02	Calcium-binding and coiled-coil domain-containing protein 1 isoform X1
maker-3-augustus-gene-399.58-mRNA-1	NA	NA		Os03g0666700	OsR498G0306747400.01.T01	TRAM LAG1 and CLN8 (TLC) lipid-sensing domain containing protein
maker-3-augustus-gene-399.63-mRNA-1	NA	Indica		Os03g0666850	OsR498G0306747800.01.T06	
maker-3-augustus-gene-399.64-mRNA-1	NA	NA		Os03g0667100	OsR498G0306749000.01.T07	BTB/POZ domain and ankyrin repeat-containing protein NPR3
maker-3-augustus-gene-399.69-mRNA-1	NA	NA		Os03g0667300	OsR498G0306751200.01.T01	Fe(2+) transport protein 2
maker-3-augustus-gene-4.57-mRNA-1	NA	NA		0	OsR498G0407881700.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-3-augustus-gene-40.32-mRNA-1	NA	Japonica		Os03g0180600	OsR498G0305329500.01.T01	
maker-3-augustus-gene-40.48-mRNA-1	NA	NA		Os03g0180400	OsR498G0305329000.01.T01	Proteasome endopeptidase complex
maker-3-augustus-gene-40.53-mRNA-1	NA	NA		0	OsR498G0612877000.01.T03	UDP-glycosyltransferase TURAN
maker-3-augustus-gene-40.62-mRNA-1	NA	NA		Os01g0175300	OsR498G0510826100.01.T01	ATP-dependent DNA helicase
maker-3-augustus-gene-400.0-mRNA-1	NA	NA		Os03g0668000	OsR498G0306754100.01.T02	F-box domain containing protein, expressed
maker-3-augustus-gene-400.10-mRNA-1	NA	NA		0	OsR498G0306752200.01.T02	RanBD1 domain-containing protein
maker-3-augustus-gene-400.16-mRNA-1	NA	Indica		Os03g0667800	OsR498G0306753800.01.T01	40S ribosomal protein S21
maker-3-augustus-gene-400.3-mRNA-1	NA	NA	CC-LRR-NBS-TM	0	OsR498G0306756300.01.T01	ITF-type domain-containing protein
maker-3-augustus-gene-400.5-mRNA-1	NA	NA		0	OsR498G0306759300.01.T01	BOI-related E3 ubiquitin-protein ligase 1
maker-3-augustus-gene-400.7-mRNA-1	NA	NA		Os03g0668900	OsR498G0306760300.01.T01	Acidic leucine-rich nuclear phosphoprotein 32 family member A
maker-3-augustus-gene-401.0-mRNA-1	NA	Indica		Os03g0669800	OsR498G0306763100.01.T01	Phosphoinositide binding
maker-3-augustus-gene-401.15-mRNA-1	NA	NA		0	OsR498G0306761400.01.T01	Guanine nucleotide-binding protein subunit beta
maker-3-augustus-gene-401.23-mRNA-1	NA	Indica		Os03g0722500	OsR498G0306761600.01.T01	(1->3)-beta-glucan endohydrolase
maker-3-augustus-gene-401.26-mRNA-1	NA	Japonica		Os03g0669700	OsR498G0306762800.01.T01	F-box domain-containing protein (Fragment)
maker-3-augustus-gene-401.28-mRNA-1	NA	NA	NBS	Os03g0670100	OsR498G0306764000.01.T02	Protein TRIGALACTOSYLDIACYLGLYCEROL 3 chloroplastic
maker-3-augustus-gene-401.3-mRNA-1	NA	NA		Os03g0670200	OsR498G0306764100.01.T03	GPI mannosyltransferase 1
maker-3-augustus-gene-401.8-mRNA-1	NA	NA		Os03g0669000	OsR498G0306760600.01.T02	DEAD-box ATP-dependent RNA helicase 10
maker-3-augustus-gene-41.68-mRNA-1	NA	Indica		Os10g0390500	OsR498G0305341400.01.T04	Alanine aminotransferase
maker-3-augustus-gene-411.45-mRNA-1	NA	NA		Os03g0688200	OsR498G0306828100.01.T01	
maker-3-augustus-gene-413.25-mRNA-1	NA	NA		Os03g0691400	OsR498G0306843600.01.T01	4HBT domain-containing protein
maker-3-augustus-gene-421.29-mRNA-1	NA	NA		Os03g0706900	OsR498G0306899000.01.T03	Transmembrane Fragile-X-F-associated protein isoform 1
maker-3-augustus-gene-428.14-mRNA-1	NA	NA		Os03g0718000	OsR498G0306937800.01.T02	Anthranilate synthase/para-aminobenzoate synthase, glutamine amidotransferase
maker-3-augustus-gene-428.18-mRNA-1	NA	NA		0	OsR498G0306941400.01.T01	Cytochrome c oxidase assembly protein ctaG
maker-3-augustus-gene-428.22-mRNA-1	NA	NA				Putative calcium-binding protein CML27
maker-3-augustus-gene-428.6-mRNA-1	NA	NA		Os03g0718100	OsR498G0306938500.01.T02	Actin-1 isoform A
maker-3-augustus-gene-437.10-mRNA-1	NA	Japonica		Os03g0732000	OsR498G0306991800.01.T01	Hydroxymethylbutenyl diphosphate reductase
maker-3-augustus-gene-440.24-mRNA-1	NA	NA		Os03g0738400	OsR498G0307011500.01.T02	Glycine hydroxymethyltransferase
maker-3-augustus-gene-440.29-mRNA-1	NA	NA		Os03g0738900	OsR498G0307014300.01.T01	Phototropic-responsive NPH3 family protein isoform 2
maker-3-augustus-gene-443.4-mRNA-1	NA	NA				Protein kinase domain-containing protein
maker-3-augustus-gene-443.6-mRNA-1	NA	NA		Os03g0745600	OsR498G0307037100.01.T01	Transmembrane BAX inhibitor motif-containing protein 4
maker-3-augustus-gene-444.40-mRNA-1	NA	Indica	Kinase-TM	Os03g0745700	OsR498G0307037500.01.T01	Serinethreonine-protein kinase sty17
maker-3-augustus-gene-444.52-mRNA-1	NA	NA		Os03g0746500	OsR498G0307041000.01.T04	DEXH-box ATP-dependent RNA helicase DEXH16 mitochondrial
maker-3-augustus-gene-448.24-mRNA-1	NA	NA				Bzip-like transcription factor-like
maker-3-augustus-gene-448.26-mRNA-1	NA	NA		Os03g0753500	OsR498G0307062200.01.T01	
maker-3-augustus-gene-455.20-mRNA-1	NA	NA		0	OsR498G0100693500.01.T01	Epstein-Barr virus EBNA-1-like
maker-3-augustus-gene-462.50-mRNA-1	NA	NA		0	OsR498G0307151900.01.T01	Inosine-5'-monophosphate dehydrogenase
maker-3-augustus-gene-462.56-mRNA-1	NA	NA		Os03g0780800	OsR498G0307152900.01.T04	Aldehyde oxygenase (deformylating)
maker-3-augustus-gene-462.59-mRNA-1	NA	NA				Transcription factor PIF5
maker-3-augustus-gene-462.67-mRNA-1	NA	NA		Os03g0780400	OsR498G0307151600.01.T03	Actin-depolymerizing factor

maker-3-augustus-gene-462.69-mRNA-1	NA	NA	Os03g0780900	OsR498G0307153200.01.T01	Alpha amino-terminal protein methyltransferase
maker-3-augustus-gene-462.75-mRNA-1	NA	NA	0	OsR498G0307153400.01.T01	GTP-dependent nucleic acid-binding protein engD
maker-3-augustus-gene-462.82-mRNA-1	NA	NA	Os03g0781300	OsR498G0307154000.01.T01	Ribose-5-phosphate isomerase
maker-3-augustus-gene-462.84-mRNA-1	NA	NA	Os03g0781400	OsR498G0307154200.01.T04	Ribose-5-phosphate isomerase
maker-3-augustus-gene-462.87-mRNA-1	NA	NA	Os03g0781700	OsR498G0307154800.01.T03	Reticulon-like protein (Fragment)
maker-3-augustus-gene-469.9-mRNA-1	NA	NA	Os03g0795500	OsR498G0307198700.01.T01	PITH domain-containing protein isoform A
maker-3-augustus-gene-470.28-mRNA-1	NA	NA	Os03g0797400	OsR498G0307211000.01.T02	Tryptophan synthase
maker-3-augustus-gene-472.13-mRNA-1	NA	NA			serine/threonine-protein phosphatase 7 long form homolog
maker-3-augustus-gene-473.75-mRNA-1	NA	NA	0	OsR498G0307228600.01.T01	Fe2OG dioxygenase domain-containing protein
maker-3-augustus-gene-473.77-mRNA-1	NA	Indica	Os07g0194500	OsR498G0307229000.01.T01	Prolyl 4-hydroxylase 4
maker-3-augustus-gene-473.80-mRNA-1	NA	NA	Os03g0803500	OsR498G0307229200.01.T02	Procollagen-proline 4-dioxygenase
maker-3-augustus-gene-473.82-mRNA-1	NA	Indica	Os03g0803900	OsR498G0307229400.01.T04	Galectin domain-containing protein (Fragment)
maker-3-augustus-gene-473.87-mRNA-1	NA	NA	0	OsR498G0307229600.01.T02	Histidine kinase/DNA gyrase B
maker-3-augustus-gene-474.36-mRNA-1	NA	NA	Os03g0804100	OsR498G0307230100.01.T03	ATP-dependent DNA helicase (Fragment)
maker-3-augustus-gene-474.41-mRNA-1	NA	Indica	Os03g0804200	OsR498G0307230500.01.T01	AAI domain-containing protein
maker-3-augustus-gene-474.43-mRNA-1	NA	Indica	Os03g0804400	OsR498G0307231300.01.T01	Exocyst complex component EXO84B
maker-3-augustus-gene-474.49-mRNA-1	NA	NA	Os03g0804800	OsR498G0307232500.01.T01	CCT-theta
maker-3-augustus-gene-474.54-mRNA-1	NA	NA	Os03g0805100	OsR498G0307233300.01.T06	Squalene synthetase
maker-3-augustus-gene-474.60-mRNA-1	NA	NA	Os03g0805300	OsR498G0307234100.01.T02	Serine/threonine-protein phosphatase
maker-3-augustus-gene-474.68-mRNA-1	NA	Indica	Os03g0805700	OsR498G0307235100.01.T01	Cell death suppressor protein Lls1, putative, expressed
maker-3-augustus-gene-474.79-mRNA-1	NA	NA	Os03g0804300	OsR498G0307231000.01.T04	S-acyltransferase
maker-3-augustus-gene-474.84-mRNA-1	NA	Japonica	Os03g0804650	OsR498G0307232000.01.T01	Cupin type-1 domain-containing protein (Fragment)
maker-3-augustus-gene-474.87-mRNA-1	NA	NA	Os03g0804900	OsR498G0307233000.01.T01	Glycosyltransferase
maker-3-augustus-gene-474.89-mRNA-1	NA	NA	Os03g0805200	OsR498G0307233600.01.T01	DEAD-box ATP-dependent RNA helicase 37
maker-3-augustus-gene-474.93-mRNA-1	NA	NA	Os03g0805400	OsR498G0307234400.01.T01	Lipid phosphate phosphatase delta
maker-3-augustus-gene-474.97-mRNA-1	NA	NA	Os03g0805500	OsR498G0307234600.01.T01	Acyl-activating enzyme 18
maker-3-augustus-gene-475.0-mRNA-1	NA	Japonica	Os03g0805700	OsR498G0307236100.01.T01	PaO domain-containing protein
maker-3-augustus-gene-475.12-mRNA-1	NA	Indica	Os03g0805900	OsR498G0307236100.01.T01	Rieske domain containing protein, expressed
maker-3-augustus-gene-475.14-mRNA-1	NA	NA	Os03g0806500	OsR498G0307238900.01.T01	Thioredoxin domain-containing protein
maker-3-augustus-gene-475.20-mRNA-1	NA	NA	Os03g0806900	OsR498G0307241300.01.T01	Cytochrome b-c1 complex subunit 7-2, mitochondrial
maker-3-augustus-gene-475.23-mRNA-1	NA	Indica	Os07g0205500	OsR498G0307242100.01.T01	NEP-interacting protein 1
maker-3-augustus-gene-475.27-mRNA-1	NA	NA	0	OsR498G0307238800.01.T04	EFP domain-containing protein
maker-3-augustus-gene-475.3-mRNA-1	NA	Indica	Os03g0805900	OsR498G0307236300.01.T01	Rieske domain containing protein, expressed
maker-3-augustus-gene-475.35-mRNA-1	NA	NA	Os03g0807200	OsR498G0307242400.01.T01	Cysteine proteinases superfamily protein
maker-3-augustus-gene-475.38-mRNA-1	NA	Japonica	Os03g0807400	OsR498G0307318800.01.T02	Calreticulin
maker-3-augustus-gene-475.4-mRNA-1	NA	Indica	Os03g0805700	OsR498G0307236300.01.T01	PaO domain-containing protein
maker-3-augustus-gene-475.9-mRNA-1	NA	Indica	Os03g0805900	OsR498G0307237100.01.T01	PaO domain-containing protein
maker-3-augustus-gene-476.43-mRNA-1	NA	NA	Os03g0807700	OsR498G0307244100.01.T01	Putative Cation proton exchanger
maker-3-augustus-gene-476.45-mRNA-1	NA	NA	Os03g0807800	OsR498G0307244300.01.T02	Ribosomal protein S5
maker-3-augustus-gene-476.47-mRNA-1	NA	NA	Os03g0807900	OsR498G0307244500.01.T01	chaperonin-like RbcX protein 2, chloroplastic
maker-3-augustus-gene-476.50-mRNA-1	NA	Japonica	Os03g0808000	OsR498G0307245500.01.T01	Polygalacturonase
maker-3-augustus-gene-476.65-mRNA-1	NA	NA	Os03g0807600	OsR498G0307243400.01.T01	Methyltransferase
maker-3-augustus-gene-476.68-mRNA-1	NA	NA	Os03g0808100	OsR498G0307245800.01.T01	Cellulose synthase
maker-3-augustus-gene-476.73-mRNA-1	NA	NA	Os03g0808300	OsR498G0307246200.01.T01	Remorin like
maker-3-augustus-gene-476.75-mRNA-1	NA	NA	0	OsR498G0307246800.01.T01	Ubiquitin-60S ribosomal protein L40
maker-3-augustus-gene-482.53-mRNA-1	NA	NA			RAB GTPase homolog 8A
maker-3-augustus-gene-487.11-mRNA-1	NA	NA	Os03g0831900	OsR498G0307317900.01.T01	U1-type domain-containing protein (Fragment)
maker-3-augustus-gene-487.33-mRNA-1	NA	NA	Os03g0831500	OsR498G0307316600.01.T01	AlR synthase
maker-3-augustus-gene-487.36-mRNA-1	NA	NA			GDLS esterase/lipase
maker-3-augustus-gene-487.4-mRNA-1	NA	Indica	Os03g0831300	OsR498G0307316100.01.T04	
maker-3-augustus-gene-487.8-mRNA-1	NA	NA	Os03g0831700	OsR498G0307317500.01.T02	VARLMGL domain-containing protein
maker-3-augustus-gene-488.0-mRNA-1	NA	NA	Os03g0832400	OsR498G0307319500.01.T01	PPM-type phosphatase domain-containing protein
maker-3-augustus-gene-488.12-mRNA-1	NA	NA	Os03g0832800	OsR498G0307320700.01.T01	PlsC domain-containing protein (Fragment)
maker-3-augustus-gene-488.14-mRNA-1	NA	NA	Os03g0833100	OsR498G0307321500.01.T01	Short-chain dehydrogenase reductase 5
maker-3-augustus-gene-488.16-mRNA-1	NA	Indica	Os03g0833200	OsR498G0307321700.01.T01	TRM13 domain-containing protein
maker-3-augustus-gene-488.2-mRNA-1	NA	NA			Nucleic acid-binding proteins superfamily
maker-3-augustus-gene-488.20-mRNA-1	NA	NA	0	OsR498G0307323500.01.T02	Glucan endo-1,3-beta-D-glucosidase
maker-3-augustus-gene-488.23-mRNA-1	NA	NA	Os03g0833800	OsR498G0307324500.01.T02	Polygalacturonase
maker-3-augustus-gene-488.28-mRNA-1	NA	NA	Os03g0832200	OsR498G0307318800.01.T01	Calreticulin
maker-3-augustus-gene-488.33-mRNA-1	NA	NA	Os03g0832300	OsR498G0307319400.01.T01	Huntingtin-interacting protein K
maker-3-augustus-gene-488.36-mRNA-1	NA	Indica	Os03g0832900	OsR498G0307321200.01.T01	DnaJ isogeny subfamily C member 14

maker-3-augustus-gene-488.41-mRNA-1	NA	NA		Os03g0833300	OsR498G0307322000.01.T01	Squamosa promoter-binding-like protein 6
maker-3-augustus-gene-488.47-mRNA-1	NA	NA		Os03g0833700	OsR498G0307323800.01.T01	RNA 3'-terminal phosphate cyclase
maker-3-augustus-gene-488.49-mRNA-1	NA	NA		Os03g0833900	OsR498G0307324800.01.T02	guanosine deaminase
maker-3-augustus-gene-488.6-mRNA-1	NA	NA		Os03g0832600	OsR498G0307320100.01.T01	galactokinase-like
maker-3-augustus-gene-489.41-mRNA-1	NA	NA		Os03g0834000	OsR498G0307325300.01.T01	Flap endonuclease 1-B
maker-3-augustus-gene-489.45-mRNA-1	NA	NA		0	OsR498G0307325300.01.T07	Phosphate metabolism protein
maker-3-augustus-gene-489.49-mRNA-1	NA	Indica		Os03g0835100	OsR498G0307329500.01.T01	Chloroplast protein import component
maker-3-augustus-gene-489.50-mRNA-1	NA	NA		Os03g0835400	OsR498G0307330500.01.T01	Electron transfer flavoprotein subunit alpha
maker-3-augustus-gene-489.56-mRNA-1	NA	NA		Os03g0835800	OsR498G0307331900.01.T06	host cell factor
maker-3-augustus-gene-489.63-mRNA-1	NA	Japonica		Os03g0836100	OsR498G0307333100.01.T01	Absciscic acid 8'-hydroxylase
maker-3-augustus-gene-489.67-mRNA-1	NA	Indica		Os03g0295300	OsR498G0307325600.01.T01	
maker-3-augustus-gene-489.69-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class
maker-3-augustus-gene-489.76-mRNA-1	NA	NA		Os03g0836200	OsR498G0307333400.01.T07	Glycine-rich RNA-binding protein RZ1A
maker-3-augustus-gene-492.16-mRNA-1	NA	NA		0	OsR498G0307352700.01.T05	RNA-binding protein containing a PIN domain
maker-3-augustus-gene-492.2-mRNA-1	NA	NA		0	OsR498G0307350100.01.T01	Calcium-dependent protein kinase 6, putative
maker-3-augustus-gene-492.4-mRNA-1	NA	NA				
maker-3-augustus-gene-492.58-mRNA-1	NA	NA		Os03g0842900	OsR498G0307352200.01.T01	11-beta-hydroxysteroid dehydrogenase-like 5 isoform A
maker-3-augustus-gene-492.6-mRNA-1	NA	NA		0	OsR498G0307351900.01.T10	Vacuolar sorting protein 9
maker-3-augustus-gene-492.60-mRNA-1	NA	NA		Os03g0843100	OsR498G0307352600.01.T01	Ras protein RIC2
maker-3-augustus-gene-493.1-mRNA-1	NA	NA		Os03g0843600	OsR498G0307353700.01.T04	Ion channel CASTOR
maker-3-augustus-gene-493.12-mRNA-1	NA	NA		Os03g0844000	OsR498G0307354900.01.T06	Pentatricopeptide repeat-containing protein chloroplastic
maker-3-augustus-gene-493.37-mRNA-1	NA	Indica		Os03g0843900	OsR498G0307354600.01.T02	Poly(ADP-ribose) glycohydrolase
maker-3-augustus-gene-494.24-mRNA-1	NA	NA		Os03g0846400	OsR498G0307362100.01.T03	Putative polyprotein from transposon TNT
maker-3-augustus-gene-494.37-mRNA-1	NA	NA		Os03g0845500	OsR498G0307359200.01.T04	Acyl-activating enzyme 16
maker-3-augustus-gene-495.11-mRNA-1	NA	NA				Transposon protein, putative, unclassified
maker-3-augustus-gene-495.20-mRNA-1	NA	Japonica	LRR-NBS-TM	Os03g0849100	OsR498G0307368000.01.T01	Powdery mildew resistance protein PM3 variant
maker-3-augustus-gene-495.21-mRNA-1	NA	NA		Os03g0848700	OsR498G0307368000.01.T01	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase
maker-3-augustus-gene-496.57-mRNA-1	NA	NA		Os03g0851000	OsR498G0307374300.01.T03	Nascent polypeptide-associated complex subunit beta
maker-3-augustus-gene-496.73-mRNA-1	NA	NA		Os03g0850800	OsR498G0307373800.01.T01	Transferring glycosyl group transferase
maker-3-augustus-gene-496.75-mRNA-1	NA	NA		Os03g0851100	OsR498G0307374600.01.T01	Elongation factor Tu mitochondrial
maker-3-augustus-gene-497.38-mRNA-1	NA	NA		Os03g0851500	OsR498G0307375500.01.T05	DNA repair RAD52-like protein 2, chloroplastic
maker-3-augustus-gene-498.31-mRNA-1	NA	Indica		Os03g0853500	OsR498G0307381100.01.T01	Brevis radix (BRX) domain
maker-3-augustus-gene-498.34-mRNA-1	NA	Indica		Os03g0853800	OsR498G0307382300.01.T01	DNA-binding bromodomain-containing family protein
maker-3-augustus-gene-498.41-mRNA-1	NA	Indica		Os03g0853600	OsR498G0307381600.01.T02	Ribonuclease P protein subunit P38-related
maker-3-augustus-gene-498.44-mRNA-1	NA	NA		Os03g0853900	OsR498G0307382600.01.T02	Sinigrinase
maker-3-augustus-gene-499.13-mRNA-1	NA	NA		0	OsR498G0307391700.01.T02	ATP-dependent DNA helicase 2 subunit KU80
maker-3-augustus-gene-499.17-mRNA-1	NA	NA		Os03g0856400	OsR498G0307392300.01.T02	Sucrose nonfermenting 4
maker-3-augustus-gene-499.23-mRNA-1	NA	NA		Os03g0856500	OsR498G0307392900.01.T03	Ribosome-binding factor like
maker-3-augustus-gene-499.25-mRNA-1	NA	NA		Os03g0856300	OsR498G0307392200.01.T01	Acyl carrier protein 2, chloroplastic
maker-3-augustus-gene-499.3-mRNA-1	NA	NA		Os01g0630700	OsR498G0101590100.01.T01	AT hook motif-containing protein, putative, expressed
maker-3-augustus-gene-5.25-mRNA-1	NA	NA	Kinase-TM	Os03g0114300	OsR498G0305114700.01.T01	Serine/threonine-protein kinase fray2
maker-3-augustus-gene-5.47-mRNA-1	NA	NA		Os03g0114200	OsR498G0305114400.01.T01	probable RNA-binding protein EIF1AD
maker-3-augustus-gene-502.101-mRNA-1	NA	NA		Os03g0861700	OsR498G0307405800.01.T01	Rhodanese-like domain-containing protein 8 chloroplastic
maker-3-augustus-gene-502.107-mRNA-1	NA	NA		0	OsR498G0307406400.01.T01	Nuclear transport factor 2 (NTF2) family protein
maker-3-augustus-gene-502.70-mRNA-1	NA	Indica		Os03g0861800	OsR498G0307405900.01.T01	F-box domain containing protein, expressed
maker-3-augustus-gene-502.78-mRNA-1	NA	Indica		Os03g0861800	OsR498G0307405900.01.T01	F-box domain containing protein, expressed
maker-3-augustus-gene-502.83-mRNA-1	NA	NA		Os03g0861700	OsR498G0307405800.01.T01	Rhodanese-like domain-containing protein 8 chloroplastic
maker-3-augustus-gene-502.89-mRNA-1	NA	NA		0	OsR498G0307406400.01.T01	Nuclear transport factor 2 (NTF2) family protein
maker-3-augustus-gene-502.94-mRNA-1	NA	NA		Os03g0797400	OsR498G0307211000.01.T02	Tryptophan synthase
maker-3-augustus-gene-502.97-mRNA-1	NA	NA				SANT domain-containing protein (Fragment)
maker-3-augustus-gene-54.36-mRNA-1	NA	NA		Os03g0206600	OsR498G0305430300.01.T01	
maker-3-augustus-gene-54.38-mRNA-1	NA	NA		Os03g0206900	OsR498G0305430700.01.T01	E3 ubiquitin-protein ligase RLIM
maker-3-augustus-gene-54.58-mRNA-1	NA	Indica		Os03g0206700	OsR498G0305430600.01.T01	BTB/POZ domain-containing protein At5g67385
maker-3-augustus-gene-6.0-mRNA-1	NA	NA		Os03g0114800	OsR498G0305116100.01.T01	Major facilitator superfamily domain-containing protein 5
maker-3-augustus-gene-6.11-mRNA-1	NA	NA		0	OsR498G0305119300.01.T04	Pyridoxal 5'-phosphate synthase
maker-3-augustus-gene-6.15-mRNA-1	NA	NA		Os03g0115100	OsR498G0305116800.01.T02	Bifunctional fucokinasefucose pyrophosphorylase
maker-3-augustus-gene-6.19-mRNA-1	NA	NA		Os03g0115200	OsR498G0305117000.01.T01	KH domain-containing protein (Fragment)
maker-3-augustus-gene-6.21-mRNA-1	NA	Japonica		Os03g0115300	OsR498G0305117000.01.T04	Pentatricopeptide repeat-containing protein (Fragment)
maker-3-augustus-gene-6.23-mRNA-1	NA	NA		Os03g0115700	OsR498G0305119600.01.T01	Putative very-long-chain 3-oxoacyl-CoA reductase
maker-3-augustus-gene-6.24-mRNA-1	NA	NA		Os03g0115800		
maker-3-augustus-gene-6.4-mRNA-1	NA	NA		Os03g0115000	OsR498G0305116500.01.T01	Phytoecyanin domain-containing protein

maker-3-augustus-gene-64.27-mRNA-1	NA	NA		Os05g0471800		Far-red impaired response protein-like
maker-3-augustus-gene-64.6-mRNA-1	NA	NA				
maker-3-augustus-gene-67.10-mRNA-1	NA	NA		Os03g0231600	OsR498G0305514300.01.T01	Branched-chain-amino-acid aminotransferase
maker-3-augustus-gene-67.14-mRNA-1	NA	NA		0	OsR498G0305506000.01.T01	Maf family protein, putative, expressed
maker-3-augustus-gene-67.2-mRNA-1	NA	NA		Os03g0230500	OsR498G0305508500.01.T01	Inositol-tetrakisphosphate 1-kinase
maker-3-augustus-gene-67.20-mRNA-1	NA	NA		Os03g0231700	OsR498G0305514600.01.T05	Squalene monooxygenase
maker-3-augustus-gene-67.8-mRNA-1	NA	NA		0	OsR498G0305512300.01.T05	Homeobox-leucine zipper protein HAT3
maker-3-augustus-gene-7.0-mRNA-1	NA	Indica		Os03g0116000	OsR498G0305121100.01.T01	Mitochondrial inner membrane protein OXA1
maker-3-augustus-gene-7.5-mRNA-1	NA	Indica		Os10g0521400	OsR498G0305121500.01.T02	Hydrolase, alpha/beta fold family protein, expressed
maker-3-augustus-gene-7.6-mRNA-1	NA	Indica		Os10g0521400	OsR498G0305121500.01.T01	AB hydrolase-1 domain-containing protein
maker-3-augustus-gene-80.0-mRNA-1	NA	NA		Os03g0255400	OsR498G0305600500.01.T06	
maker-3-augustus-gene-80.11-mRNA-1	NA	NA		Os03g0254800	OsR498G0305598600.01.T01	Chorismate synthase
maker-3-augustus-gene-80.15-mRNA-1	NA	Indica		Os03g0254900	OsR498G0305598800.01.T01	probable E3 ubiquitin-protein ligase LOG2
maker-3-augustus-gene-80.17-mRNA-1	NA	NA		Os03g0255100	OsR498G0305600000.01.T02	Beta-galactosidase
maker-3-augustus-gene-80.25-mRNA-1	NA	NA		Os03g0255200	OsR498G0305600400.01.T01	Protein CHAPERONE-LIKE PROTEIN OF POR1, chloroplastic-like
maker-3-augustus-gene-80.32-mRNA-1	NA	Indica		Os03g0255900	OsR498G0305602400.01.T01	PGG domain-containing protein (Fragment)
maker-3-augustus-gene-80.4-mRNA-1	NA	NA		Os03g0254700	OsR498G0305598000.01.T01	TOPLESS
maker-3-augustus-gene-81.12-mRNA-1	NA	NA		Os03g0257000	OsR498G0305604800.01.T01	Rho GTPase-activating protein REN1-like
maker-3-augustus-gene-81.19-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0305607600.01.T01	Putative receptor-type protein kinase LRK1
maker-3-augustus-gene-81.2-mRNA-1	NA	Indica		Os03g0256800	OsR498G0305604600.01.T02	Rho GTPase activation protein (RhoGAP) with PH domain
maker-3-augustus-gene-82.0-mRNA-1	NA	Japonica		Os03g0258500	OsR498G0305609300.01.T01	Beclin 1 protein (Fragment)
maker-3-augustus-gene-82.1-mRNA-1	NA	NA		Os03g0259100	OsR498G0305611500.01.T01	Phytocyanin domain-containing protein
maker-3-augustus-gene-82.17-mRNA-1	NA	Japonica		Os03g0259400	OsR498G0305612000.01.T01	Leucoanthocyanidin reductase
maker-3-augustus-gene-82.20-mRNA-1	NA	Indica		Os03g0259700	OsR498G0305612600.01.T01	UDENN domain-containing protein (Fragment)
maker-3-augustus-gene-82.24-mRNA-1	NA	NA		Os03g0260100	OsR498G0305614000.01.T02	Metallophos domain-containing protein (Fragment)
maker-3-augustus-gene-82.3-mRNA-1	NA	NA		Os03g0259300	OsR498G0305611700.01.T03	ERAD-associated E3 ubiquitin-protein ligase component HRD3A like
maker-3-augustus-gene-82.5-mRNA-1	NA	NA		Os03g0259900	OsR498G0305613300.01.T01	GTD-binding domain-containing protein (Fragment)
maker-3-augustus-gene-88.69-mRNA-1	NA	NA		0	OsR498G1120154400.01.T01	
maker-3-augustus-gene-91.0-mRNA-1	NA	NA		Os03g0275900	OsR498G0305674500.01.T01	RING-type E3 ubiquitin transferase
maker-3-augustus-gene-91.12-mRNA-1	NA	NA		Os03g0276800	OsR498G0305679400.01.T01	probable mediator of RNA polymerase II transcription subunit 37c
maker-3-augustus-gene-91.14-mRNA-1	NA	Indica		Os03g0276900	OsR498G0305679600.01.T01	Beta-glucuronosyltransferase
maker-3-augustus-gene-91.18-mRNA-1	NA	NA		Os03g0277000	OsR498G0305680000.01.T01	Guanosine nucleotide diphosphate dissociation inhibitor
maker-3-augustus-gene-91.20-mRNA-1	NA	Indica		Os03g0276500	OsR498G0305681400.01.T01	probable mediator of RNA polymerase II transcription subunit 37c
maker-3-augustus-gene-91.22-mRNA-1	NA	NA		Os03g0277500	OsR498G0305682000.01.T01	Dessication-induced 1VOC superfamily protein
maker-3-augustus-gene-91.3-mRNA-1	NA	NA		Os03g0276500	OsR498G0305678500.01.T01	Non-cell-autonomous heat shock cognate protein 70
maker-3-augustus-gene-91.6-mRNA-1	NA	NA		0	OsR498G0305677200.01.T01	Zinc finger transcription factor
maker-3-augustus-gene-91.8-mRNA-1	NA	NA		Os03g0276600	OsR498G0305679000.01.T01	Putative FMN-binding split barrel
maker-3-augustus-gene-92.39-mRNA-1	NA	NA		Os03g0278000	OsR498G0305683700.01.T01	UDP-D-glucuronate decarboxylase
maker-3-augustus-gene-92.44-mRNA-1	NA	NA		Os03g0278200	OsR498G0305684300.01.T01	Trifunctional UDP-glucose 4,6-dehydratase
maker-3-augustus-gene-92.46-mRNA-1	NA	NA		Os03g0278500	OsR498G0305685300.01.T02	Polyadenylate-binding protein 7
maker-3-augustus-gene-92.50-mRNA-1	NA	NA				Acyl-CoA N-acyltransferase with RING/FYVE/PHD-type zinc finger domain
maker-3-augustus-gene-92.55-mRNA-1	NA	NA		Os03g0277600	OsR498G0305682600.01.T01	Cysteine-rich repeat secretory protein 55
maker-3-augustus-gene-92.57-mRNA-1	NA	NA		Os03g0277700	OsR498G0305682800.01.T01	Cysteine-rich repeat secretory protein 55
maker-3-augustus-gene-92.59-mRNA-1	NA	Indica		Os03g0278300	OsR498G0305684800.01.T05	THO complex subunit 4
maker-3-augustus-gene-92.63-mRNA-1	NA	NA		Os03g0278400	OsR498G0305685200.01.T02	ADP-ribosylation factor GTPase-activating protein AGD6
maker-3-augustus-gene-92.66-mRNA-1	NA	NA		Os03g0278800	OsR498G0305687200.01.T01	Glycine-rich RNA-binding protein 6 mitochondrial
maker-3-augustus-gene-92.69-mRNA-1	NA	NA		Os03g0279200	OsR498G0305688000.01.T01	
maker-3-augustus-gene-92.71-mRNA-1	NA	NA		Os03g0279400	OsR498G0305689200.01.T01	Arginine biosynthesis bifunctional protein ArgI, chloroplastic
maker-3-augustus-gene-93.26-mRNA-1	NA	NA				Kinesin-like protein KIN-5B
maker-3-augustus-gene-93.29-mRNA-1	NA	NA		Os03g0279900	OsR498G0305693100.01.T01	Phosphoinositide binding
maker-3-augustus-gene-93.31-mRNA-1	NA	NA		Os03g0279950	OsR498G0305693300.01.T06	Photosynthetic NDH subunit of lumenal location 1 chloroplastic
maker-3-augustus-gene-93.36-mRNA-1	NA	NA		Os03g0280400	OsR498G0305694300.01.T01	Plant-specific domain TIGR01589 family protein
maker-3-augustus-gene-93.39-mRNA-1	NA	Indica		Os03g0280700	OsR498G0305695500.01.T01	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P-related
maker-3-augustus-gene-93.43-mRNA-1	NA	NA		Os03g0281000	OsR498G0305696300.01.T01	Ankyrin repeat
maker-3-augustus-gene-93.46-mRNA-1	NA	NA		Os03g0281100	OsR498G0305696900.01.T01	Ankyrin repeat-containing protein isoform A
maker-3-augustus-gene-93.48-mRNA-1	NA	NA		Os03g0279500		BHLH domain-containing protein
maker-3-augustus-gene-93.52-mRNA-1	NA	NA		Os03g0280000	OsR498G0305693600.01.T04	ABC transporter
maker-3-augustus-gene-93.55-mRNA-1	NA	Indica		Os03g0280800	OsR498G0305696000.01.T03	UDP-glucuronic acid decarboxylase
maker-3-augustus-gene-94.0-mRNA-1	NA	NA		Os03g0282900	OsR498G0305706500.01.T01	Stress-associated protein
maker-3-augustus-gene-94.10-mRNA-1	NA	NA				Cnd3 domain-containing protein
maker-3-augustus-gene-94.20-mRNA-1	NA	NA		Os03g0282800	OsR498G0305706400.01.T01	Platelet endothelial aggregation receptor 1 (Fragment)

maker-3-augustus-gene-94.23-mRNA-1	NA	NA		Os03g0283000	OsR498G0305706800.01.T01	GST N-terminal domain-containing protein
maker-3-augustus-gene-94.26-mRNA-1	NA	Indica		Os03g0283100	OsR498G0305707200.01.T01	Glutathione S-transferase
maker-3-augustus-gene-94.32-mRNA-1	NA	NA		Os03g0283200	OsR498G0305707600.01.T01	Safener induced1
maker-3-augustus-gene-94.4-mRNA-1	NA	NA		Os03g0281300	OsR498G0305698200.01.T01	GRIP and coiled-coil domain-containing protein C2D7D.02c-like
maker-3-augustus-gene-94.6-mRNA-1	NA	Indica		Os03g0281600	OsR498G0305699400.01.T03	Endoplasmic reticulum-type calcium-transporting ATPase 4
maker-3-augustus-gene-95.34-mRNA-1	NA	NA		Os03g0283300	OsR498G0305707900.01.T01	TerC integral membrane domain-containing protein isoform 1
maker-3-augustus-gene-95.38-mRNA-1	NA	NA		0	OsR498G0305709100.01.T02	Ypt/Rab-GAP domain of gyp1p superfamily protein
maker-3-augustus-gene-95.47-mRNA-1	NA	NA		Os03g0284600	OsR498G0305711700.01.T01	Thioredoxin-like protein AAED1, chloroplastic
maker-3-augustus-gene-95.51-mRNA-1	NA	NA		Os03g0283400		Cyclin F-box
maker-3-augustus-gene-95.53-mRNA-1	NA	NA		Os03g0283600	OsR498G0305708400.01.T01	CDP-diacylglycerol-glycerol-3-phosphate 3-phosphatidyltransferase 2-like is
maker-3-augustus-gene-95.56-mRNA-1	NA	NA	Kinase-TM	Os03g0283900	OsR498G0305709600.01.T01	Serine/threonine-protein kinase RLCKVII
maker-3-augustus-gene-95.62-mRNA-1	NA	NA		Os03g0284100	OsR498G0305710000.01.T07	Two-component response regulator-like PRR73
maker-3-augustus-gene-95.64-mRNA-1	NA	NA		Os03g0284500	OsR498G0305711600.01.T01	HAD-superfamily subfamily IIA hydrolase, TIGR01456, CECR5 containing prot
maker-4-augustus-gene-0.0-mRNA-1	NA	NA		Os04g0169100	OsR498G0407621300.01.T01	Ethylene receptor
maker-4-augustus-gene-10.8-mRNA-1	NA	NA		Os04g0185500	OsR498G0407663700.01.T03	E3 ubiquitin-protein ligase MBR2
maker-4-augustus-gene-100.0-mRNA-1	NA	Japonica		Os04g0334700	OsR498G0408168600.01.T04	Peptidase A1 domain-containing protein
maker-4-augustus-gene-100.1-mRNA-1	NA	NA		0	OsR498G0408147000.01.T02	Peptidase A1 domain-containing protein
maker-4-augustus-gene-102.17-mRNA-1	NA	NA		Os04g0334700		Peptidase A1 domain-containing protein
maker-4-augustus-gene-103.48-mRNA-1	NA	Indica		Os04g0337000	OsR498G0408168600.01.T03	Aspartic proteinase-like protein 2
maker-4-augustus-gene-104.11-mRNA-1	NA	Indica		Os04g0340300	OsR498G0408176200.01.T01	(+)-delta-cadinene synthase isozyme XC14
maker-4-augustus-gene-104.4-mRNA-1	NA	NA		0	OsR498G0408173900.01.T01	
maker-4-augustus-gene-104.7-mRNA-1	NA	NA		Os04g0339000	OsR498G0408175300.01.T01	Ent-cassadiene C2-hydroxylase
maker-4-augustus-gene-104.9-mRNA-1	NA	NA		Os04g0339400	OsR498G0408175900.01.T01	Probable aldo-keto reductase 3
maker-4-augustus-gene-105.0-mRNA-1	NA	NA		0	OsR498G0408182300.01.T09	HGWP repeat containing protein-like
maker-4-augustus-gene-105.8-mRNA-1	NA	NA		0	OsR498G0408177410.01.T01	Protein kinase domain-containing protein
maker-4-augustus-gene-105.9-mRNA-1	NA	NA		Os04g0340300	OsR498G0408179000.01.T02	(+)-delta-cadinene synthase isozyme A
maker-4-augustus-gene-106.0-mRNA-1	NA	NA		Os04g0340300	OsR498G0408186000.01.T01	
maker-4-augustus-gene-106.5-mRNA-1	NA	Indica		Os04g0341800	OsR498G0408187800.01.T01	(+)-delta-cadinene synthase isozyme C2
maker-4-augustus-gene-107.0-mRNA-1	NA	NA				(+)-delta-cadinene synthase isozyme C2
maker-4-augustus-gene-108.29-mRNA-1	NA	NA				Transposon protein, putative, CACTA, En/Spm sub-class
maker-4-augustus-gene-108.34-mRNA-1	NA	Indica		Os04g0345400	OsR498G0408206800.01.T01	SWIM-type domain-containing protein
maker-4-augustus-gene-109.1-mRNA-1	NA	NA		0	OsR498G0408213100.01.T02	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase
maker-4-augustus-gene-109.11-mRNA-1	NA	Indica		Os04g0345400	OsR498G0408210400.01.T01	Terpene synthase
maker-4-augustus-gene-110.32-mRNA-1	NA	Indica		Os04g0346800	OsR498G0408216300.01.T02	dCTP pyrophosphatase 1
maker-4-augustus-gene-110.44-mRNA-1	NA	NA		0	OsR498G0408220300.01.T01	
maker-4-augustus-gene-110.50-mRNA-1	NA	NA		Os04g0347900	OsR498G0408220900.01.T01	SANTA domain-containing protein
maker-4-augustus-gene-110.54-mRNA-1	NA	NA		Os04g0348000	OsR498G0408221300.01.T05	SANTA domain-containing protein
maker-4-augustus-gene-110.59-mRNA-1	NA	NA		0	OsR498G0408217400.01.T01	Prolyl 4-hydroxylase 1
maker-4-augustus-gene-111.0-mRNA-1	NA	Indica		Os04g0348300	OsR498G0408222300.01.T01	Cell division cycle 5-related protein
maker-4-augustus-gene-111.12-mRNA-1	NA	NA		Os04g0348100	OsR498G0408221600.01.T01	P-loop containing nucleoside triphosphate hydrolase, Protein Cms1
maker-4-augustus-gene-112.40-mRNA-1	NA	Indica		Os02g0791200	OsR498G0408232100.01.T01	Probable E3 ubiquitin-protein ligase XBOS32
maker-4-augustus-gene-113.40-mRNA-1	NA	NA		0	OsR498G0408239000.01.T03	Phospholipid-transporting ATPase
maker-4-augustus-gene-113.51-mRNA-1	NA	NA		0	OsR498G0408240000.01.T03	ATP-dependent DNA helicase
maker-4-augustus-gene-114.32-mRNA-1	NA	Indica		Os04g0354600	OsR498G0408241100.01.T02	Fatty acyl-CoA reductase
maker-4-augustus-gene-114.40-mRNA-1	NA	NA				Fatty acyl-CoA reductase
maker-4-augustus-gene-114.41-mRNA-1	NA	NA		Os04g0354200		Transposon protein, putative, unclassified
maker-4-augustus-gene-114.50-mRNA-1	NA	Japonica		Os04g0354600	OsR498G0408245500.01.T02	Fatty acyl-CoA reductase
maker-4-augustus-gene-114.58-mRNA-1	NA	NA		Os11g0307600	OsR498G1119899800.01.T01	Protein kinase domain-containing protein
maker-4-augustus-gene-116.35-mRNA-1	NA	NA		0	OsR498G0408256700.01.T05	RNA-binding protein Musashi 2
maker-4-augustus-gene-116.37-mRNA-1	NA	NA				Quinone-oxidoreductase, chloroplastic
maker-4-augustus-gene-117.32-mRNA-1	NA	NA		Os04g0359700	OsR498G0408268900.01.T01	Chloroplast envelope quinone oxidoreductase
maker-4-augustus-gene-118.35-mRNA-1	NA	Indica		Os08g0114300	OsR498G0408279200.01.T02	L-gulonolactone oxidase
maker-4-augustus-gene-119.22-mRNA-1	NA	NA		0	OsR498G0408293500.01.T01	ATP-dependent DNA helicase
maker-4-augustus-gene-121.7-mRNA-1	NA	NA		Os08g0487300	OsR498G0816350400.01.T01	Transposon protein, putative, Mutator sub-class
maker-4-augustus-gene-122.30-mRNA-1	NA	NA		0	OsR498G0102386100.01.T01	
maker-4-augustus-gene-122.31-mRNA-1	NA	NA	Kinase-TM	Os04g0366000	OsR498G0408325600.01.T01	Wall-associated receptor kinase 1
maker-4-augustus-gene-124.29-mRNA-1	NA	NA		0	OsR498G0408333700.01.T01	
maker-4-augustus-gene-124.35-mRNA-1	NA	NA	Kinase-TM	Os04g0368000	OsR498G0408337400.01.T01	Wall-associated receptor kinase 2
maker-4-augustus-gene-126.0-mRNA-1	NA	NA	Kinase-TM			Protein kinase domain-containing protein (Fragment)
maker-4-augustus-gene-127.31-mRNA-1	NA	NA				
maker-4-augustus-gene-128.0-mRNA-1	NA	Indica		Os09g0502500	OsR498G0408358300.01.T01	Chloroplastic quinone-oxidoreductase

maker-4-augustus-gene-128.12-mRNA-1	NA	NA		0	OsR498G0408361000.01.T01	RING-type E3 ubiquitin transferase
maker-4-augustus-gene-128.8-mRNA-1	NA	NA		Os04g0372800	OsR498G0408358600.01.T01	RNA-binding protein-like
maker-4-augustus-gene-129.0-mRNA-1	NA	Indica		Os04g0373400	OsR498G0408361700.01.T01	Protein DETOXIFICATION
maker-4-augustus-gene-129.11-mRNA-1	NA	Indica	NBS-TM	Os04g0374175	OsR498G0408364900.01.T02	NB-ARC domain-containing protein
maker-4-augustus-gene-129.15-mRNA-1	NA	NA		Os04g0375900	OsR498G0408372800.01.T01	Kinesin-like protein KIN-10B
maker-4-augustus-gene-129.22-mRNA-1	NA	NA		Os04g0376000	OsR498G0408373000.01.T01	60S ribosomal protein L35
maker-4-augustus-gene-129.25-mRNA-1	NA	NA		Os04g0376100	OsR498G0408373400.01.T01	Mitochondrial inner membrane translocase subunit Tim17/Tim22/Tim23/pe
maker-4-augustus-gene-129.27-mRNA-1	NA	Indica		Os04g0376300	OsR498G0408374600.01.T02	3-oxoacyl-[acyl-carrier-protein] reductase
maker-4-augustus-gene-129.3-mRNA-1	NA	NA		0	OsR498G0205060200.01.T01	
maker-4-augustus-gene-129.32-mRNA-1	NA	NA		Os04g0376400	OsR498G0408375400.01.T01	Chitotriosidase-1
maker-4-augustus-gene-129.7-mRNA-1	NA	NA		0	OsR498G0100556000.01.T04	Putative transcription factor DP, helitron helicase-like domain-containing pr
maker-4-augustus-gene-130.0-mRNA-1	NA	NA		0	OsR498G0408379700.01.T01	Ulp1 protease family, C-terminal catalytic domain containing protein, expres
maker-4-augustus-gene-130.13-mRNA-1	NA	NA		Os04g0376500	OsR498G0408376600.01.T01	Eukaryotic translation initiation factor 3 subunit H
maker-4-augustus-gene-130.20-mRNA-1	NA	Indica		Os09g0401900	OsR498G0408376800.01.T03	ER lumen protein-retaining receptor
maker-4-augustus-gene-130.29-mRNA-1	NA	NA		Os04g0376700	OsR498G0408377200.01.T01	ER lumen protein-retaining receptor like
maker-4-augustus-gene-130.31-mRNA-1	NA	NA		Os03g0598600		
maker-4-augustus-gene-130.33-mRNA-1	NA	Indica		Os03g0857200	OsR498G0408382200.01.T03	
maker-4-augustus-gene-130.4-mRNA-1	NA	Indica		Os04g0377600	OsR498G0408380900.01.T01	Rab-GAP TBC domain-containing protein (Fragment)
maker-4-augustus-gene-130.9-mRNA-1	NA	NA		Os04g0378200	OsR498G0408381500.01.T01	Ankyrin repeat and SAM domain-containing protein 6
maker-4-augustus-gene-131.0-mRNA-1	NA	NA		Os04g0379300	OsR498G0408384700.01.T01	Methyltransferase-like protein 13
maker-4-augustus-gene-131.11-mRNA-1	NA	NA		Os04g0380200	OsR498G0408388100.01.T01	Acyl-[acyl-carrier-protein]--UDP-N-acetylglucosamine O-acyltransferase
maker-4-augustus-gene-131.14-mRNA-1	NA	NA		Os04g0379400	OsR498G0408385000.01.T05	Putative sodium/metabolite cotransporter BASS6, chloroplastic isoform X1
maker-4-augustus-gene-131.18-mRNA-1	NA	NA		Os04g0379700	OsR498G0408386400.01.T02	VDE domain-containing protein (Fragment)
maker-4-augustus-gene-131.22-mRNA-1	NA	NA		Os04g0379900	OsR498G0408386800.01.T01	Stearoyl-acyl-carrier protein desaturase
maker-4-augustus-gene-131.26-mRNA-1	NA	NA		0	OsR498G0408387600.01.T06	
maker-4-augustus-gene-131.31-mRNA-1	NA	NA		Os04g0380300	OsR498G0408388600.01.T06	Acyl-[acyl-carrier-protein] desaturase
maker-4-augustus-gene-131.8-mRNA-1	NA	NA		Os04g0379800	OsR498G0408386500.01.T01	
maker-4-augustus-gene-132.11-mRNA-1	NA	NA		Os04g0381600	OsR498G0408397700.01.T02	Putative nucleoside-triphosphate phosphatase
maker-4-augustus-gene-132.14-mRNA-1	NA	NA		Os04g0381000	OsR498G0408395400.01.T05	Dynamin-related protein 3A isoform 2
maker-4-augustus-gene-132.2-mRNA-1	NA	NA		Os04g0381100	OsR498G0408396100.01.T06	Sodium-bile acid cotransporter
maker-4-augustus-gene-132.8-mRNA-1	NA	NA				AB hydrolase-1 domain-containing protein (Fragment)
maker-4-augustus-gene-133.27-mRNA-1	NA	NA		0	OsR498G0408399500.01.T01	Transcription factor FER-LIKE IRON DEFICIENCY-INDUCED TRANSCRIPTION FA
maker-4-augustus-gene-133.29-mRNA-1	NA	Indica		Os04g0382100	OsR498G0408400500.01.T01	SWI/SNF complex component SNF12 like
maker-4-augustus-gene-133.31-mRNA-1	NA	NA		Os04g0382700	OsR498G0408403100.01.T01	Vacuolar protein sorting-associated protein 11 isogeny
maker-4-augustus-gene-133.35-mRNA-1	NA	NA		Os04g0382300	OsR498G0408401400.01.T01	AMP-activated protein kinase, gamma regulatory subunit
maker-4-augustus-gene-134.45-mRNA-1	NA	NA		Os04g0385600	OsR498G0408412400.01.T01	MYND-type domain-containing protein
maker-4-augustus-gene-135.28-mRNA-1	NA	Indica		Os04g0386500	OsR498G0408420100.01.T03	Fibrous sheath-interacting protein
maker-4-augustus-gene-135.31-mRNA-1	NA	NA		Os04g0386600	OsR498G0408420400.01.T01	2,3-dimethylmalate lyase-like
maker-4-augustus-gene-135.36-mRNA-1	NA	Indica		Os04g0386900	OsR498G0408421400.01.T01	B3 DNA binding domain containing protein
maker-4-augustus-gene-136.0-mRNA-1	NA	Japonica		Os04g0387300	OsR498G0408424910.01.T01	MADS-box domain-containing protein
maker-4-augustus-gene-136.2-mRNA-1	NA	Indica		Os04g0387500	OsR498G0408424910.01.T01	MADS-box domain-containing protein
maker-4-augustus-gene-137.34-mRNA-1	NA	Indica		Os08g0532400	OsR498G0408429300.01.T01	Nodulin-like domain-containing protein
maker-4-augustus-gene-137.37-mRNA-1	NA	Indica		Os07g0484700	OsR498G0408431700.01.T02	Actin-related protein 4
maker-4-augustus-gene-137.45-mRNA-1	NA	NA		Os04g0390000	OsR498G0408432700.01.T01	2-oxoglutarate dehydrogenase, mitochondrial-like
maker-4-augustus-gene-137.51-mRNA-1	NA	Indica		Os02g0510600	OsR498G0408433300.01.T01	Farnesylated protein 3
maker-4-augustus-gene-137.56-mRNA-1	NA	Indica		Os04g0388601	OsR498G0408428400.01.T02	Mediator of RNA polymerase II transcription subunit like
maker-4-augustus-gene-137.58-mRNA-1	NA	Japonica		Os04g0388900	OsR498G0203903200.01.T01	Sm domain-containing protein
maker-4-augustus-gene-138.18-mRNA-1	NA	NA		Os04g0391500	OsR498G0408441700.01.T02	ACT domain-containing protein ACR6
maker-4-augustus-gene-139.53-mRNA-1	NA	NA		Os04g0394300	OsR498G0408449400.01.T01	Zinc finger CCCH domain-containing protein 27
maker-4-augustus-gene-14.36-mRNA-1	NA	NA		0	OsR498G0816107200.01.T03	
maker-4-augustus-gene-14.38-mRNA-1	NA	NA		0	OsR498G0815948900.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-4-augustus-gene-140.11-mRNA-1	NA	NA		Os04g0394500	OsR498G0408450800.01.T01	DNA-directed RNA polymerase III subunit RPC4
maker-4-augustus-gene-140.18-mRNA-1	NA	NA		Os04g0394500	OsR498G0407856000.01.T01	DNA-directed RNA polymerase III subunit RPC4
maker-4-augustus-gene-140.4-mRNA-1	NA	NA		Os04g0394500	OsR498G0407856000.01.T01	DNA-directed RNA polymerase III subunit RPC4
maker-4-augustus-gene-145.0-mRNA-1	NA	NA		Os04g0401700	OsR498G0408481900.01.T05	Potassium transporter
maker-4-augustus-gene-145.14-mRNA-1	NA	Indica		Os02g0523500	OsR498G0408484600.01.T01	TUDOR-SN protein 1
maker-4-augustus-gene-145.4-mRNA-1	NA	NA		0	OsR498G0408485100.01.T04	OTU domain-containing protein isoform A
maker-4-augustus-gene-146.28-mRNA-1	NA	NA		Os04g0403200	OsR498G0408492100.01.T01	Inhibitor of apoptosis-like protein
maker-4-augustus-gene-146.30-mRNA-1	NA	NA		Os04g0403300	OsR498G0408493900.01.T01	Alpha-amylase
maker-4-augustus-gene-146.31-mRNA-1	NA	NA		Os04g0403400	OsR498G0408494100.01.T01	HIRAN domain-containing protein (Fragment)
maker-4-augustus-gene-146.54-mRNA-1	NA	NA		Os04g0403500	OsR498G0408494500.01.T01	NADP-binding Rossmann-fold superfamily protein isoform 1

maker-4-augustus-gene-146.57-mRNA-1	NA	Indica		Os04g0403701	OsR498G0408494800.01.T07	PPM-type phosphatase domain-containing protein (Fragment)
maker-4-augustus-gene-146.60-mRNA-1	NA	Indica		Os04g0403901	OsR498G0408497600.01.T01	COPII coat assembly protein SEC16-like
maker-4-augustus-gene-146.62-mRNA-1	NA	NA		Os04g0404400	OsR498G0408499600.01.T02	Desiccation-related protein PCC13-62
maker-4-augustus-gene-147.0-mRNA-1	NA	Indica		Os02g0525900	OsR498G0408501100.01.T02	Acetyl-coenzyme A synthetase
maker-4-augustus-gene-147.13-mRNA-1	NA	NA		Os04g0405700		
maker-4-augustus-gene-147.16-mRNA-1	NA	Indica		Os04g0405800	OsR498G0408506500.01.T02	Uridine monophosphate kinase
maker-4-augustus-gene-147.21-mRNA-1	NA	NA		Os04g0404900	OsR498G0408501400.01.T01	Heparan-alpha-glucosaminide N-acetyltransferase-like isoform X2
maker-4-augustus-gene-147.25-mRNA-1	NA	Japonica		Os04g0405100	OsR498G0408502400.01.T02	SAM domain-containing protein
maker-4-augustus-gene-147.30-mRNA-1	NA	NA		Os04g0405300	OsR498G0408503600.01.T01	Momilactone synthase like
maker-4-augustus-gene-147.32-mRNA-1	NA	NA		Os04g0405600	OsR498G0408505000.01.T03	ARM repeat superfamily protein, putative isoform 1
maker-4-augustus-gene-147.7-mRNA-1	NA	Indica		Os02g0526400	OsR498G0408502100.01.T04	Chaperone protein ClpD, chloroplastic
maker-4-augustus-gene-148.0-mRNA-1	NA	NA		Os04g0408600	OsR498G0408516600.01.T01	RAB6-interacting golgin
maker-4-augustus-gene-148.4-mRNA-1	NA	NA				FBD domain-containing protein (Fragment)
maker-4-augustus-gene-148.6-mRNA-1	NA	Indica		Os02g0528200	OsR498G0408518200.01.T01	1,4-alpha-glucan branching enzyme
maker-4-augustus-gene-149.0-mRNA-1	NA	Indica		Os04g0409600	OsR498G0408518500.01.T07	Histone deacetylase
maker-4-augustus-gene-149.20-mRNA-1	NA	NA		Os04g0410200	OsR498G0408519000.01.T02	Serine/threonine-protein kinase KIPK
maker-4-augustus-gene-149.6-mRNA-1	NA	Indica		Os02g0529400	OsR498G0408518700.01.T01	Alkaline/neutral invertase
maker-4-augustus-gene-150.36-mRNA-1	NA	Indica		Os04g0411800	OsR498G0408524500.01.T01	AB hydrolase-1 domain-containing protein
maker-4-augustus-gene-150.38-mRNA-1	NA	NA		Os04g0412300	OsR498G0408526500.01.T02	Glucan endo-13-beta-glucosidase 14
maker-4-augustus-gene-150.40-mRNA-1	NA	NA		0	OsR498G0408527700.01.T04	Bifunctional monodehydroascorbate reductase and carbonic anhydrase nec
maker-4-augustus-gene-150.44-mRNA-1	NA	NA		Os04g0412900	OsR498G0408528700.01.T01	Protein transport protein like
maker-4-augustus-gene-150.48-mRNA-1	NA	NA		Os04g0413200	OsR498G0408529500.01.T01	Beta-fructofuranosidase, insoluble isoenzyme 3
maker-4-augustus-gene-150.50-mRNA-1	NA	NA		Os04g0413500	OsR498G0408530100.01.T01	Beta-fructofuranosidase, insoluble isoenzyme 2
maker-4-augustus-gene-150.52-mRNA-1	NA	NA	NBS-TM	Os04g0413000		ABC transporter B family member 29 chloroplastic
maker-4-augustus-gene-150.56-mRNA-1	NA	Indica		Os04g0413600	OsR498G0408530800.01.T02	Ribosomal protein S14
maker-4-augustus-gene-151.36-mRNA-1	NA	NA		Os04g0414000		Mitochondrial fission protein ELM1
maker-4-augustus-gene-151.43-mRNA-1	NA	NA		Os04g0414100	OsR498G0408533300.01.T03	OTU domain-containing protein 5-A
maker-4-augustus-gene-151.48-mRNA-1	NA	NA		0	OsR498G0408535900.01.T01	Glycine-rich RNA-binding protein 2
maker-4-augustus-gene-151.51-mRNA-1	NA	NA				Chloroplast photosystem I subunit O
maker-4-augustus-gene-151.54-mRNA-1	NA	Indica		Os04g0415100	OsR498G0408539300.01.T01	Transcription repressor
maker-4-augustus-gene-151.58-mRNA-1	NA	NA		Os08g0487300		Transposon protein, putative, Mutator sub-class
maker-4-augustus-gene-152.35-mRNA-1	NA	NA		Os04g0415800	OsR498G0408542500.01.T01	AAI domain-containing protein (Fragment)
maker-4-augustus-gene-152.41-mRNA-1	NA	NA		0	OsR498G0408544100.01.T06	Thioredoxin peroxidase
maker-4-augustus-gene-152.43-mRNA-1	NA	Japonica		Os04g0416400	OsR498G0204017500.01.T01	Thioredoxin peroxidase
maker-4-augustus-gene-152.45-mRNA-1	NA	Indica		Os04g0416500	OsR498G0408544300.01.T01	Double Clp-N motif-containing P-loop nucleoside triphosphate hydrolases su
maker-4-augustus-gene-152.50-mRNA-1	NA	Indica		Os02g0537500	OsR498G0408543600.01.T04	Transcription factor E2FA
maker-4-augustus-gene-152.57-mRNA-1	NA	NA		Os04g0416700	OsR498G0408545200.01.T01	VAMP protein SEC22
maker-4-augustus-gene-152.59-mRNA-1	NA	NA		Os04g0417000	OsR498G0408546200.01.T02	Aluminum-activated malate transporter
maker-4-augustus-gene-153.41-mRNA-1	NA	NA		Os04g0417800	OsR498G0408551400.01.T02	Protein phosphatase type 2A regulator/ signal transducer
maker-4-augustus-gene-154.0-mRNA-1	NA	NA		Os04g0421700		
maker-4-augustus-gene-154.2-mRNA-1	NA	NA		0	OsR498G0408565600.01.T03	Deubiquitinating enzyme MINDY-3
maker-4-augustus-gene-155.43-mRNA-1	NA	NA		Os04g0421900	OsR498G0408565700.01.T01	Exocyst complex component 2
maker-4-augustus-gene-155.59-mRNA-1	NA	NA		Os12g0299600		CAI-1 autoinducer sensor kinase/phosphatase cqs5 isoform 1
maker-4-augustus-gene-156.3-mRNA-1	NA	Japonica		Os06g0310200	OsR498G0408570300.01.T02	Regulator of nonsense transcripts 1-like
maker-4-augustus-gene-162.35-mRNA-1	NA	Indica		Os04g0434900	OsR498G0408606300.01.T04	PsbP domain-containing protein 2 chloroplastic
maker-4-augustus-gene-162.58-mRNA-1	NA	NA		0	OsR498G0408606500.01.T02	Kinesin-like protein KIN-7C mitochondrial
maker-4-augustus-gene-162.65-mRNA-1	NA	NA		Os04g0434800	OsR498G0408606000.01.T03	Thylakoid-bound ascorbate peroxidase
maker-4-augustus-gene-163.28-mRNA-1	NA	NA		Os04g0435100	OsR498G0408606900.01.T01	Amino-acid permease BAT1 like
maker-4-augustus-gene-163.30-mRNA-1	NA	NA		Os04g0435700	OsR498G0408609900.01.T01	Ultraviolet-B receptor
maker-4-augustus-gene-163.35-mRNA-1	NA	NA		0	OsR498G0408611100.01.T01	
maker-4-augustus-gene-163.37-mRNA-1	NA	Japonica		Os04g0437000	OsR498G0408612900.01.T01	NAC domain class transcription factor
maker-4-augustus-gene-163.39-mRNA-1	NA	NA		Os04g0435500	OsR498G0408608400.01.T03	Tetrachloro-P-hydroquinone reductive dehalogenase
maker-4-augustus-gene-163.41-mRNA-1	NA	NA		Os04g0436100		4HBT domain-containing protein
maker-4-augustus-gene-163.43-mRNA-1	NA	NA		Os04g0436300	OsR498G0408610800.01.T06	Protein disulfide-isomerase
maker-4-augustus-gene-163.48-mRNA-1	NA	NA		0	OsR498G0408612800.01.T04	
maker-4-augustus-gene-164.0-mRNA-1	NA	NA	Kinase	Os04g0437600	OsR498G0408615000.01.T01	Mitogen-activated protein kinase kinase kinase YODA
maker-4-augustus-gene-164.11-mRNA-1	NA	Indica		Os04g0438600	OsR498G0408618200.01.T02	Glycolipid transfer protein 2
maker-4-augustus-gene-164.6-mRNA-1	NA	NA		Os04g0438300	OsR498G0408617000.01.T02	DUF150 domain-containing protein (Fragment)
maker-4-augustus-gene-164.9-mRNA-1	NA	NA		Os04g0438500	OsR498G0408617600.01.T01	Rossmann-like protein alpha/beta/alpha sandwich
maker-4-augustus-gene-165.11-mRNA-1	NA	NA		Os04g0439900	OsR498G0408623000.01.T01	Protein TIC 40 chloroplastic
maker-4-augustus-gene-165.16-mRNA-1	NA	NA		Os04g0440000	OsR498G0408623400.01.T01	Nuclear speckle splicing regulatory protein 1

maker-4-augustus-gene-165.21-mRNA-1	NA	NA		Os04g0440100	OsR498G0408623600.01.T04	Regulator of nonsense transcripts UPF3
maker-4-augustus-gene-165.27-mRNA-1	NA	Japonica		Os04g0440300	OsR498G0408625400.01.T02	FBD domain-containing protein
maker-4-augustus-gene-166.32-mRNA-1	NA	NA				AlG1-type G domain-containing protein (Fragment)
maker-4-augustus-gene-166.46-mRNA-1	NA	NA		0	OsR498G0408627800.01.T01	F-box domain-containing protein
maker-4-augustus-gene-166.48-mRNA-1	NA	NA		Os04g0441800	OsR498G0408629800.01.T01	Proton-dependent oligopeptide transporter family
maker-4-augustus-gene-166.50-mRNA-1	NA	NA		Os04g0441900	OsR498G0408631200.01.T01	Cleft lip and palate transmembrane
maker-4-augustus-gene-167.0-mRNA-1	NA	NA		Os04g0443000		
maker-4-augustus-gene-167.12-mRNA-1	NA	NA		Os04g0443300	OsR498G0408639000.01.T01	Endoglucanase
maker-4-augustus-gene-167.2-mRNA-1	NA	NA		Os04g0443500	OsR498G0408639300.01.T04	Protein phosphatase methylesterase 1
maker-4-augustus-gene-167.7-mRNA-1	NA	Indica		Os02g0558100	OsR498G0408636000.01.T04	Chloride channel protein CLC-c
maker-4-augustus-gene-168.34-mRNA-1	NA	NA		0	OsR498G0408641900.01.T02	GST N-terminal domain-containing protein
maker-4-augustus-gene-168.36-mRNA-1	NA	Indica		Os01g0558600	OsR498G0408641900.01.T05	GTP-binding protein YPTM1
maker-4-augustus-gene-168.42-mRNA-1	NA	Indica		Os08g0112700	OsR498G0408642400.01.T01	Agamous-like MADS-box protein AGL12
maker-4-augustus-gene-168.44-mRNA-1	NA	NA		0	OsR498G0408642800.01.T03	12-oxo-phytyldienoic acid reductase5
maker-4-augustus-gene-168.45-mRNA-1	NA	Indica		Os08g0112700	OsR498G0408643400.01.T01	Agamous-like MADS-box protein AGL12
maker-4-augustus-gene-168.49-mRNA-1	NA	NA		0	OsR498G0408643600.01.T04	12-oxo-phytyldienoic acid reductase
maker-4-augustus-gene-168.73-mRNA-1	NA	Indica		Os01g0369900	OsR498G0408644000.01.T01	12-oxophytyldienoate reductase
maker-4-augustus-gene-168.75-mRNA-1	NA	Indica		Os01g0369900	OsR498G0408644200.01.T02	12-oxo-phytyldienoic acid reductase
maker-4-augustus-gene-170.15-mRNA-1	NA	NA		Os04g0194500	OsR498G0407698800.01.T01	White-brown-complex ABC transporter family
maker-4-augustus-gene-170.12-mRNA-1	NA	NA		Os04g0447500	OsR498G0408659700.01.T02	NAD(P)H-dependent 6'-deoxychalcone synthase
maker-4-augustus-gene-170.15-mRNA-1	NA	NA		Os04g0447600	OsR498G0408659900.01.T01	Non-functional NADPH-dependent codeinone reductase 2
maker-4-augustus-gene-170.28-mRNA-1	NA	NA				FBD domain-containing protein
maker-4-augustus-gene-170.31-mRNA-1	NA	NA		Os04g0447400	OsR498G0408659400.01.T01	Glutamate decarboxylase
maker-4-augustus-gene-170.6-mRNA-1	NA	NA		0	OsR498G0408658500.01.T02	Lipoxygenase 1, chloroplastic
maker-4-augustus-gene-170.7-mRNA-1	NA	Indica		Os04g0447100	OsR498G0408658500.01.T02	Lipoxygenase
maker-4-augustus-gene-172.36-mRNA-1	NA	Indica		Os03g0390600	OsR498G0408671900.01.T03	Histone domain-containing protein (Fragment)
maker-4-augustus-gene-172.44-mRNA-1	NA	NA		Os04g0451200	OsR498G0408673700.01.T01	Glycosyltransferase
maker-4-augustus-gene-172.49-mRNA-1	NA	Indica		Os04g0450900	OsR498G0408672600.01.T01	WEB family protein, chloroplastic
maker-4-augustus-gene-172.55-mRNA-1	NA	NA		0	OsR498G0408512800.01.T01	IQ calmodulin-binding motif family protein, expressed
maker-4-augustus-gene-173.13-mRNA-1	NA	NA		Os04g0453400	OsR498G0408680000.01.T01	Sugar transport protein 5
maker-4-augustus-gene-174.10-mRNA-1	NA	NA		Os04g0455600	OsR498G0408685600.01.T01	DNA oxidative demethylase
maker-4-augustus-gene-174.5-mRNA-1	NA	NA		Os04g0455350	OsR498G0408685000.01.T02	
maker-4-augustus-gene-174.8-mRNA-1	NA	NA				BUB1 N-terminal domain-containing protein
maker-4-augustus-gene-176.14-mRNA-1	NA	Indica		Os04g0460300	OsR498G0408699100.01.T01	Amino acid/polyamine transporter II
maker-4-augustus-gene-176.16-mRNA-1	NA	NA		Os04g0460400	OsR498G0408700100.01.T01	Casparian strip membrane protein 5
maker-4-augustus-gene-176.18-mRNA-1	NA	NA		Os04g0460500	OsR498G0408700300.01.T04	Molybdenum cofactor biosynthesis protein C
maker-4-augustus-gene-176.21-mRNA-1	NA	NA		Os04g0460600	OsR498G0408701300.01.T02	NAC transcription factor
maker-4-augustus-gene-176.27-mRNA-1	NA	NA		Os04g0458800	OsR498G0408693200.01.T01	
maker-4-augustus-gene-176.29-mRNA-1	NA	NA		Os04g0459000	OsR498G0408693600.01.T01	ATP-binding cassette containing protein
maker-4-augustus-gene-176.32-mRNA-1	NA	NA		Os04g0459600	OsR498G0408696400.01.T01	RAN guanine nucleotide release factor
maker-4-augustus-gene-176.38-mRNA-1	NA	NA		Os04g0459700	OsR498G0408696800.01.T01	Nucleosome/chromatin assembly factor A
maker-4-augustus-gene-176.4-mRNA-1	NA	NA		Os04g0459500	OsR498G0408696100.01.T04	Glyceraldehyde-3-phosphate dehydrogenase A, chloroplastic
maker-4-augustus-gene-176.41-mRNA-1	NA	Indica		Os04g0459800	OsR498G0408697000.01.T03	RNA helicase
maker-4-augustus-gene-176.7-mRNA-1	NA	NA		Os04g0459900	OsR498G0408697500.01.T01	Protease Do-like 8 chloroplastic
maker-4-augustus-gene-177.0-mRNA-1	NA	NA		Os04g0461000	OsR498G0408703700.01.T01	MYB transcription factor 16
maker-4-augustus-gene-177.13-mRNA-1	NA	Indica		Os04g0461600	OsR498G0408706800.01.T01	Protein PLANT CADMIUM RESISTANCE 3
maker-4-augustus-gene-177.16-mRNA-1	NA	NA		0	OsR498G0408707400.01.T03	
maker-4-augustus-gene-177.17-mRNA-1	NA	NA		Os04g0461800	OsR498G0408707600.01.T01	Formin-like protein 2
maker-4-augustus-gene-177.2-mRNA-1	NA	NA		Os04g0461100	OsR498G0408703900.01.T01	Ribosomal protein PSRP-3/Ycf
maker-4-augustus-gene-177.21-mRNA-1	NA	NA		Os04g0462300	OsR498G0408708600.01.T03	Lysine histidine transporter-like 6
maker-4-augustus-gene-177.23-mRNA-1	NA	Indica		Os04g0462400	OsR498G0408709000.01.T02	Lysine histidine transporter 2
maker-4-augustus-gene-177.4-mRNA-1	NA	Indica		Os02g0579600	OsR498G0408705300.01.T01	MADS-box transcription factor
maker-4-augustus-gene-178.0-mRNA-1	NA	NA		Os04g0462500	OsR498G0408709700.01.T06	General regulatory factor2
maker-4-augustus-gene-178.10-mRNA-1	NA	NA	Kinase-LRR-TM	Os04g0463000	OsR498G0408711000.01.T01	Putative inactive receptor kinase
maker-4-augustus-gene-178.12-mRNA-1	NA	NA		Os04g0463400	OsR498G0408712400.01.T01	Vacuolar iron transporter like
maker-4-augustus-gene-178.14-mRNA-1	NA	NA		Os04g0463500	OsR498G0408712800.01.T02	Glutamine amidotransferase type-1 domain-containing protein
maker-4-augustus-gene-178.19-mRNA-1	NA	NA		Os04g0463700	OsR498G0408713600.01.T02	General negative regulator of transcription subunit 4
maker-4-augustus-gene-178.21-mRNA-1	NA	NA		Os04g0463800	OsR498G0408713600.01.T07	Pentatricopeptide repeat-containing protein
maker-4-augustus-gene-178.22-mRNA-1	NA	NA		Os04g0464200	OsR498G0408715400.01.T03	Aminoaldehyde dehydrogenase 2
maker-4-augustus-gene-178.27-mRNA-1	NA	NA		Os04g0464400	OsR498G0408715800.01.T01	Solute carrier family 15 (Peptide/histidine transporter), member 3/4
maker-4-augustus-gene-178.3-mRNA-1	NA	NA		Os04g0463600	OsR498G0408713300.01.T01	L10-interacting MYB domain-containing protein

maker-4-augustus-gene-178.5-mRNA-1	NA	NA		Os04g0464500	OsR498G0408716900.01.T01	Plant UBX domain-containing protein 4
maker-4-augustus-gene-178.8-mRNA-1	NA	NA		Os04g0462600	OsR498G0408710000.01.T01	Dynein light chain, cytoplasmic
maker-4-augustus-gene-179.34-mRNA-1	NA	NA		Os04g0465000	OsR498G0408720500.01.T01	Sterile alpha motif (SAM) domain-containing protein
maker-4-augustus-gene-179.38-mRNA-1	NA	NA		Os04g0465600	OsR498G0408724700.01.T01	Major latex protein 22
maker-4-augustus-gene-179.40-mRNA-1	NA	NA		0	OsR498G0408725100.01.T01	RNA-dependent RNA polymerase
maker-4-augustus-gene-179.44-mRNA-1	NA	NA		Os04g0465800	OsR498G0408725500.01.T01	Phostensin like
maker-4-augustus-gene-179.47-mRNA-1	NA	NA		Os04g0464800	OsR498G0408719400.01.T03	CRM-domain containing factor CFM2, chloroplastic isoform X2
maker-4-augustus-gene-179.52-mRNA-1	NA	NA		Os04g0464966	OsR498G0408720200.01.T01	F-box/FBD/LRR-repeat protein isoform A
maker-4-augustus-gene-179.54-mRNA-1	NA	NA		Os04g0465300	OsR498G0408721800.01.T01	gibberellin-regulated protein 1-like
maker-4-augustus-gene-179.56-mRNA-1	NA	Japonica	Kinase-TM	Os04g0465900	OsR498G0408725800.01.T01	Serine/threonine protein kinase
maker-4-augustus-gene-180.0-mRNA-1	NA	NA		0	OsR498G0408726700.01.T05	Agmatine deiminase
maker-4-augustus-gene-180.15-mRNA-1	NA	NA		Os04g0467100	OsR498G0408727600.01.T01	18S pre-ribosomal assembly protein gar2-related
maker-4-augustus-gene-180.18-mRNA-1	NA	NA		0	OsR498G0408731000.01.T02	Ribonuclease CAF1
maker-4-augustus-gene-180.22-mRNA-1	NA	Indica		Os04g0467700	OsR498G0408731200.01.T01	Indole-3-glycerol-phosphate synthase
maker-4-augustus-gene-180.27-mRNA-1	NA	NA				Protection of telomeres protein 1b
maker-4-augustus-gene-180.29-mRNA-1	NA	NA		0	OsR498G0408731600.01.T06	Kinesin motor domain-containing protein (Fragment)
maker-4-augustus-gene-180.33-mRNA-1	NA	NA		0	OsR498G0408732400.01.T01	
maker-4-augustus-gene-180.35-mRNA-1	NA	NA		0	OsR498G0408732800.01.T02	
maker-4-augustus-gene-180.5-mRNA-1	NA	NA		0	OsR498G0408726600.01.T04	Cell division protease ftsH isogeny 4
maker-4-augustus-gene-180.9-mRNA-1	NA	NA		Os04g0466700	OsR498G0408727000.01.T03	Testis-expressed protein 10
maker-4-augustus-gene-181.30-mRNA-1	NA	NA		Os04g0469500	OsR498G0408737900.01.T01	ATP-dependent 6-phosphofructokinase 2
maker-4-augustus-gene-181.36-mRNA-1	NA	NA		Os04g0468600	OsR498G0408734000.01.T04	Outer membrane protein assembly factor BamA
maker-4-augustus-gene-181.39-mRNA-1	NA	NA		Os04g0469000	OsR498G0408735400.01.T01	Heavy metal-associated isoprenylated plant protein 16
maker-4-augustus-gene-181.40-mRNA-1	NA	NA				Heavy metal-associated isoprenylated plant protein 16
maker-4-augustus-gene-181.41-mRNA-1	NA	NA		Os04g0469300	OsR498G0408737000.01.T01	Resistance protein P1kp-1
maker-4-augustus-gene-181.42-mRNA-1	NA	NA		Os04g0469800	OsR498G0408738400.01.T01	Cytochrome P450 superfamily protein (Fragment)
maker-4-augustus-gene-181.46-mRNA-1	NA	NA				Small nuclear ribonucleoprotein Sm D1
maker-4-augustus-gene-182.39-mRNA-1	NA	NA		Os04g0470300	OsR498G0408740400.01.T03	Sm domain-containing protein
maker-4-augustus-gene-188.0-mRNA-1	NA	NA		Os04g0482300	OsR498G0408778500.01.T01	Btbpoz and taz domain-containing protein 1
maker-4-augustus-gene-188.11-mRNA-1	NA	Indica		Os04g0483700	OsR498G0612992800.01.T01	J domain-containing protein
maker-4-augustus-gene-188.14-mRNA-1	NA	NA		0	OsR498G0408783700.01.T01	F-box domain-containing protein (Fragment)
maker-4-augustus-gene-188.16-mRNA-1	NA	NA		Os04g0482000	OsR498G0408777000.01.T01	Peptide methionine sulfoxide reductase A2-1
maker-4-augustus-gene-188.18-mRNA-1	NA	Indica		Os04g0482000	OsR498G0408777400.01.T01	Peptide-methionine (S)-S-oxide reductase
maker-4-augustus-gene-188.20-mRNA-1	NA	NA		Os04g0482700	OsR498G0408780600.01.T02	Mitochondrial inner membrane protease ATP23
maker-4-augustus-gene-188.24-mRNA-1	NA	NA		Os04g0482800	OsR498G0408780800.01.T01	Initiation factor eIF-4 gamma, MA3
maker-4-augustus-gene-188.26-mRNA-1	NA	Indica		Os04g0482900	OsR498G0408781000.01.T02	Sushi, von Willebrand factor type A, EGF and pentraxin domain-containing p
maker-4-augustus-gene-188.29-mRNA-1	NA	NA		Os04g0483400	OsR498G0408782800.01.T01	
maker-4-augustus-gene-188.3-mRNA-1	NA	Indica		Os02g0597700	OsR498G0408781500.01.T01	BCL-2 binding anthanogene-1
maker-4-augustus-gene-188.32-mRNA-1	NA	NA		Os04g0483500	OsR498G0408783200.01.T01	B-keto acyl reductase
maker-4-augustus-gene-188.34-mRNA-1	NA	NA		Os04g0483600	OsR498G0408783400.01.T02	Kelch domain-containing protein 4
maker-4-augustus-gene-188.5-mRNA-1	NA	Indica		Os04g0483200	OsR498G0408782300.01.T02	Steroid nuclear receptor ligand-binding
maker-4-augustus-gene-189.28-mRNA-1	NA	NA		Os04g0484800	OsR498G0408787100.01.T02	Anaphase-promoting complex subunit 2
maker-4-augustus-gene-189.33-mRNA-1	NA	NA		Os04g0485000	OsR498G0408787500.01.T04	Proteasome component (PCI) domain
maker-4-augustus-gene-189.38-mRNA-1	NA	NA		Os04g0485200	OsR498G0408788500.01.T02	Plant UBX domain-containing protein 1
maker-4-augustus-gene-189.43-mRNA-1	NA	NA		Os04g0485300	OsR498G0408789100.01.T01	Glucose-6-phosphate 1-dehydrogenase
maker-4-augustus-gene-189.49-mRNA-1	NA	NA		Os08g0236700	OsR498G0408790300.01.T01	YqaJ viral recombinase
maker-4-augustus-gene-189.51-mRNA-1	NA	NA		Os04g0484900	OsR498G0408787400.01.T01	Elongator complex protein 3
maker-4-augustus-gene-189.57-mRNA-1	NA	NA		Os04g0485100	OsR498G0408787800.01.T01	Serine/threonine protein phosphatase 2A regulatory subunit
maker-4-augustus-gene-189.59-mRNA-1	NA	NA		0	OsR498G0408789600.01.T03	Cytosolic Fe-S cluster assembly factor NBP35
maker-4-augustus-gene-189.63-mRNA-1	NA	NA		Os04g0485800	OsR498G0408790600.01.T02	F-box protein SKIP14
maker-4-augustus-gene-190.0-mRNA-1	NA	NA		Os04g0486400	OsR498G0408792500.01.T01	Trihelix transcription factor
maker-4-augustus-gene-190.11-mRNA-1	NA	NA		Os04g0486800	OsR498G0408793100.01.T01	ATP-dependent DNA helicase Q4
maker-4-augustus-gene-190.15-mRNA-1	NA	NA		Os04g0486900	OsR498G0408793300.01.T01	Putative membrane protein YuiD
maker-4-augustus-gene-190.18-mRNA-1	NA	NA		Os04g0487100	OsR498G0408794500.01.T01	Kelch repeat type 1
maker-4-augustus-gene-190.22-mRNA-1	NA	NA	Kinase-TM	Os04g0488000	OsR498G0408798300.01.T05	Cyclin-dependent kinase G-2
maker-4-augustus-gene-190.25-mRNA-1	NA	NA		Os04g0488100	OsR498G0408799300.01.T02	Sister chromatid cohesion 1 protein 2
maker-4-augustus-gene-190.31-mRNA-1	NA	NA		Os04g0486500	OsR498G0408792800.01.T02	Mitotic spindle assembly checkpoint protein MAD2
maker-4-augustus-gene-190.34-mRNA-1	NA	NA		0	OsR498G0408793600.01.T02	Malate synthase, glyoxysomal
maker-4-augustus-gene-190.38-mRNA-1	NA	NA		Os04g0487000	OsR498G0408794000.01.T02	
maker-4-augustus-gene-190.4-mRNA-1	NA	NA		Os04g0486600	OsR498G0408792900.01.T01	Glyceraldehyde-3-phosphate dehydrogenase 2, cytosolic
maker-4-augustus-gene-190.40-mRNA-1	NA	NA		0	OsR498G0408795600.01.T01	DNA-directed RNA polymerases II 24 kDa polypeptide

maker-4-augustus-gene-194.29-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-4-augustus-gene-20.2-mRNA-1	NA	NA		Os04g0197100		Cysteine-rich receptor-like protein kinase 6
maker-4-augustus-gene-200.36-mRNA-1	NA	NA		Os04g0507700	OsR498G0408864500.01.T01	Anther-specific proline-rich protein APG
maker-4-augustus-gene-200.38-mRNA-1	NA	NA		Os04g0507900	OsR498G0408864900.01.T06	Diphthamide biosynthesis protein 7-like protein (Fragment)
maker-4-augustus-gene-200.47-mRNA-1	NA	NA		Os04g0506900	OsR498G0408861800.01.T02	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P-related
maker-4-augustus-gene-200.60-mRNA-1	NA	NA		0	OsR498G0408863400.01.T06	CLIP-associated protein-like
maker-4-augustus-gene-200.68-mRNA-1	NA	NA		0	OsR498G0408864800.01.T02	2-phytyl-1,4-beta-naphthoquinone methyltransferase, chloroplastic
maker-4-augustus-gene-201.39-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0408871500.01.T01	Receptor-like serinethreonine-protein kinase ale2
maker-4-augustus-gene-201.44-mRNA-1	NA	NA		Os04g0509100	OsR498G0408871700.01.T01	C2 calcium-dependent membrane targeting
maker-4-augustus-gene-201.49-mRNA-1	NA	NA		Os04g0509400	OsR498G0408872700.01.T03	Enzyme of the cupin superfamily
maker-4-augustus-gene-201.51-mRNA-1	NA	Indica		Os04g0508500	OsR498G0408867400.01.T02	Transcription factor MYB62
maker-4-augustus-gene-201.55-mRNA-1	NA	NA		0	OsR498G0408870000.01.T01	General transcription factor IIH subunit
maker-4-augustus-gene-201.58-mRNA-1	NA	NA		Os04g0509200	OsR498G0408872000.01.T04	
maker-4-augustus-gene-201.62-mRNA-1	NA	NA				Endoribonuclease Dicer
maker-4-augustus-gene-202.45-mRNA-1	NA	NA		0	OsR498G1221698500.01.T04	Phosphate synthase-like
maker-4-augustus-gene-202.49-mRNA-1	NA	Indica		Os02g0813800	OsR498G0408876500.01.T01	Transcriptional corepressor LEUNIG
maker-4-augustus-gene-202.71-mRNA-1	NA	NA		Os04g0510600	OsR498G0408877400.01.T01	Anaphase-promoting complex subunit like
maker-4-augustus-gene-202.73-mRNA-1	NA	NA		0	OsR498G0408877600.01.T02	Mitochondrial import receptor subunit TOM9-2
maker-4-augustus-gene-202.76-mRNA-1	NA	Indica		Os04g0510900	OsR498G0408877800.01.T01	Plant seed peroxxygenase
maker-4-augustus-gene-202.78-mRNA-1	NA	NA		Os04g0511200	OsR498G0408878400.01.T01	Peroxygenase
maker-4-augustus-gene-202.81-mRNA-1	NA	NA		Os04g0511400	OsR498G0408878800.01.T04	Inositol transporter like
maker-4-augustus-gene-202.83-mRNA-1	NA	NA		Os04g0511600	OsR498G0408879200.01.T02	E3 ubiquitin-protein ligase RLIM
maker-4-augustus-gene-202.89-mRNA-1	NA	NA		Os04g0511700	OsR498G0408879400.01.T01	
maker-4-augustus-gene-203.0-mRNA-1	NA	Indica		Os04g0513000	OsR498G0408883500.01.T01	ATP synthase subunit alpha
maker-4-augustus-gene-203.13-mRNA-1	NA	NA		Os04g0512400	OsR498G0408881200.01.T01	protein BREAST CANCER SUSCEPTIBILITY 1 homolog
maker-4-augustus-gene-203.16-mRNA-1	NA	NA	CC-LRR-NBS-TM	Os04g0512900	OsR498G0408883400.01.T01	Disease resistance gene analog (Fragment)
maker-4-augustus-gene-203.20-mRNA-1	NA	NA		Os04g0513100	OsR498G0408883800.01.T02	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucosideb
maker-4-augustus-gene-203.23-mRNA-1	NA	Indica		Os03g0399000	OsR498G0408884200.01.T01	Pectinesterase
maker-4-augustus-gene-203.25-mRNA-1	NA	NA		0	OsR498G0408884400.01.T03	4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucosideb
maker-4-augustus-gene-203.28-mRNA-1	NA	Japonica		Os04g0513700	OsR498G0408884400.01.T01	Beta-glucosidase 16
maker-4-augustus-gene-203.3-mRNA-1	NA	Indica		Os02g0621300	OsR498G0408880600.01.T03	Aldehyde oxygenase (deformylating)
maker-4-augustus-gene-203.33-mRNA-1	NA	NA		0	OsR498G0408885000.01.T02	Pectinesterase
maker-4-augustus-gene-203.6-mRNA-1	NA	NA		Os04g0512300	OsR498G0408881000.01.T02	Actin-related protein 2/3 complex subunit 2
maker-4-augustus-gene-204.0-mRNA-1	NA	NA		Os04g0514400	OsR498G0408886300.01.T01	Protein disulfide isomerase pTAC5, chloroplastic
maker-4-augustus-gene-204.16-mRNA-1	NA	NA		Os04g0514500	OsR498G0408886200.01.T06	Pentatricopeptide repeat-containing protein mitochondrial
maker-4-augustus-gene-204.17-mRNA-1	NA	NA		Os04g0514800	OsR498G0408888200.01.T02	Casein kinase I
maker-4-augustus-gene-204.24-mRNA-1	NA	NA				60S ribosomal protein like (Fragment)
maker-4-augustus-gene-204.3-mRNA-1	NA	NA		Os04g0515400	OsR498G0408890900.01.T01	dCTP pyrophosphatase 1
maker-4-augustus-gene-204.6-mRNA-1	NA	NA		Os04g0515900	OsR498G0408893100.01.T01	NAC transcription factor
maker-4-augustus-gene-205.0-mRNA-1	NA	Indica		Os04g0517000	OsR498G0408898700.01.T01	Protodermal factor 1 like
maker-4-augustus-gene-205.11-mRNA-1	NA	NA		Os04g0516600	OsR498G0408897800.01.T02	L-allo-threonine aldolase
maker-4-augustus-gene-205.15-mRNA-1	NA	NA		Os04g0517100	OsR498G0408899800.01.T01	Transcription factor MYB4
maker-4-augustus-gene-205.17-mRNA-1	NA	NA		Os04g0517300	OsR498G0408901000.01.T01	Root UVB sensitive family
maker-4-augustus-gene-205.22-mRNA-1	NA	Indica	Kinase-TM	Os01g0364800	OsR498G0408902600.01.T01	Wall-associated receptor kinase-like 8
maker-4-augustus-gene-206.0-mRNA-1	NA	Japonica		Os04g0518800	OsR498G0408908300.01.T02	Cytokinin riboside 5'-monophosphate phosphoribohydrolase
maker-4-augustus-gene-206.11-mRNA-1	NA	NA		Os04g0518100	OsR498G0408904400.01.T01	Phenylalanine ammonia-lyase
maker-4-augustus-gene-206.13-mRNA-1	NA	NA				
maker-4-augustus-gene-206.16-mRNA-1	NA	NA		Os04g0518400	OsR498G0408906400.01.T01	Phenylalanine ammonia-lyase
maker-4-augustus-gene-206.18-mRNA-1	NA	NA				
maker-4-augustus-gene-206.21-mRNA-1	NA	NA		Os08g0487300	OsR498G0816350400.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-4-augustus-gene-206.25-mRNA-1	NA	Japonica		Os11g0519100	OsR498G0407782400.01.T01	
maker-4-augustus-gene-206.5-mRNA-1	NA	NA		Os04g0518000	OsR498G0408903800.01.T04	Adenosine kinase
maker-4-augustus-gene-207.26-mRNA-1	NA	Indica		Os04g0519700	OsR498G0408911500.01.T01	Auxin response factor
maker-4-augustus-gene-207.28-mRNA-1	NA	NA		0	OsR498G0204301000.01.T01	Hydroxyproline-rich glycoprotein-like
maker-4-augustus-gene-207.30-mRNA-1	NA	NA		0	OsR498G0408913200.01.T04	Zn-dependent exopeptidase superfamily protein
maker-4-augustus-gene-207.37-mRNA-1	NA	NA		0	OsR498G0408913800.01.T04	S1 domain-containing protein (Fragment)
maker-4-augustus-gene-208.46-mRNA-1	NA	NA		Os04g0521100	OsR498G0408917700.01.T01	Plasma membrane intrinsic protein
maker-4-augustus-gene-208.51-mRNA-1	NA	NA		Os04g0521600		WPP domain-associated protein
maker-4-augustus-gene-208.54-mRNA-1	NA	NA		Os04g0521800	OsR498G0408918300.01.T02	IAA-amino acid hydrolase
maker-4-augustus-gene-208.59-mRNA-1	NA	NA				Lunapark domain-containing protein
maker-4-augustus-gene-208.61-mRNA-1	NA	NA		Os04g0522800	OsR498G0408921300.01.T02	Plant-specific TFIIB-related protein 1

maker-4-augustus-gene-208.63-mRNA-1	NA	NA		Os04g0523000	OsR498G0408921900.01.T01	PsbQ-like protein 3, chloroplastic
maker-4-augustus-gene-208.65-mRNA-1	NA	NA		Os04g0522500	OsR498G0408919400.01.T01	Gibberellin 2-beta-dioxygenase 6
maker-4-augustus-gene-208.67-mRNA-1	NA	NA		Os04g0523100	OsR498G0408922200.01.T01	Putative homeodomain-like transcription factor superfamily protein
maker-4-augustus-gene-209.0-mRNA-1	NA	Indica		Os10g0483500	OsR498G0408923500.01.T01	Cytokinin dehydrogenase
maker-4-augustus-gene-209.11-mRNA-1	NA	Indica		Os04g0524600	OsR498G0408928500.01.T01	Probable metal-nicotianamine transporter YSL11
maker-4-augustus-gene-209.14-mRNA-1	NA	Indica		Os04g0524500	OsR498G0408927000.01.T03	Probable metal-nicotianamine transporter YSL13
maker-4-augustus-gene-209.19-mRNA-1	NA	NA		Os04g0525000	OsR498G0408929000.01.T01	Large ribosomal RNA subunit accumulation protein YCED 2, chloroplastic
maker-4-augustus-gene-209.24-mRNA-1	NA	Indica		Os04g0525100	OsR498G0408929200.01.T01	Glycosyltransferase
maker-4-augustus-gene-209.4-mRNA-1	NA	Japonica		Os04g0524400	OsR498G0408926700.01.T02	Protein RETICULATA chloroplastic
maker-4-augustus-gene-209.7-mRNA-1	NA	NA		Os04g0524600	OsR498G0408928100.01.T03	probable metal-nicotianamine transporter YSL14
maker-4-augustus-gene-21.3-mRNA-1	NA	Indica		Os04g0330200	OsR498G0407712200.01.T01	Jacalin-type lectin domain-containing protein
maker-4-augustus-gene-21.5-mRNA-1	NA	NA				NB-ARC domain-containing protein
maker-4-augustus-gene-210.47-mRNA-1	NA	NA		Os04g0527400	OsR498G0408938700.01.T07	Endosomal targeting BRO1-like domain-containing protein isoform 3
maker-4-augustus-gene-210.49-mRNA-1	NA	NA		Os04g0527700	OsR498G0408939100.01.T02	Coiled-coil-helix-coiled-coil-helix domain-containing protein 4
maker-4-augustus-gene-210.54-mRNA-1	NA	NA		Os04g0527800	OsR498G0408939300.01.T01	Mitochondrial intermembrane space import and assembly protein 40-like
maker-4-augustus-gene-210.58-mRNA-1	NA	NA		Os04g0527900	OsR498G0408939500.01.T01	Aquaporin TIP
maker-4-augustus-gene-210.60-mRNA-1	NA	NA		Os04g0528100	OsR498G0408940100.01.T07	UPF0426 protein chloroplastic
maker-4-augustus-gene-210.64-mRNA-1	NA	NA		Os04g0526800	OsR498G0408935400.01.T01	GRAM domain-containing protein
maker-4-augustus-gene-210.66-mRNA-1	NA	NA		Os04g0527000	OsR498G0408935800.01.T01	GRAM domain-containing protein
maker-4-augustus-gene-210.68-mRNA-1	NA	NA		0	OsR498G0408939000.01.T02	Mitochondrial thiamine pyrophosphate carrier
maker-4-augustus-gene-210.72-mRNA-1	NA	Japonica		Os04g0528000	OsR498G0408939800.01.T01	
maker-4-augustus-gene-211.0-mRNA-1	NA	NA		Os04g0528300	OsR498G0408940900.01.T01	ABC transporter domain-containing protein
maker-4-augustus-gene-211.15-mRNA-1	NA	NA		Os04g0528400	OsR498G0408941200.01.T02	Checkpoint protein hus1
maker-4-augustus-gene-211.17-mRNA-1	NA	NA		Os01g0946800	OsR498G1018926400.01.T01	Ulp1 protease family, C-terminal catalytic domain containing protein
maker-4-augustus-gene-211.19-mRNA-1	NA	Indica		Os04g0528600	OsR498G0408943800.01.T01	Serine/arginine repetitive matrix protein 2-like
maker-4-augustus-gene-211.9-mRNA-1	NA	NA		Os04g0529500	OsR498G0408949500.01.T06	Protein-serine/threonine phosphatase
maker-4-augustus-gene-212.13-mRNA-1	NA	NA		Os04g0531100	OsR498G0408955300.01.T02	Elicitor-responsive protein 3
maker-4-augustus-gene-212.17-mRNA-1	NA	NA		Os04g0531300	OsR498G0408955900.01.T03	tRNA-dihydrouridine synthase
maker-4-augustus-gene-212.2-mRNA-1	NA	Indica		Os04g0530100	OsR498G0408951300.01.T01	Beta-expansin 3
maker-4-augustus-gene-212.22-mRNA-1	NA	NA		0	OsR498G0408956700.01.T01	Salutaridine reductase
maker-4-augustus-gene-212.26-mRNA-1	NA	Indica		Os04g0531900	OsR498G0408956900.01.T01	Salutaridine reductase
maker-4-augustus-gene-212.30-mRNA-1	NA	NA		Os04g0529800	OsR498G0408950400.01.T02	Polyol transporter like
maker-4-augustus-gene-212.31-mRNA-1	NA	NA		0	OsR498G0408950400.01.T01	Putative polyol transporter 4
maker-4-augustus-gene-212.36-mRNA-1	NA	NA		Os04g0530000		Transcription factor TFIIC
maker-4-augustus-gene-212.39-mRNA-1	NA	NA		Os04g0530300	OsR498G0408952000.01.T01	Putative splicing regulatory glutamine/lysine-rich protein 1
maker-4-augustus-gene-212.44-mRNA-1	NA	NA		Os04g0530600	OsR498G0408953600.01.T01	Chloroplast thioredoxin M-type 2
maker-4-augustus-gene-212.46-mRNA-1	NA	NA		Os04g0530700	OsR498G0408953800.01.T02	probable beta-D-xylosidase 6
maker-4-augustus-gene-212.49-mRNA-1	NA	NA		Os04g0531900	OsR498G0408957400.01.T01	Salutaridine reductase
maker-4-augustus-gene-212.6-mRNA-1	NA	NA		Os04g0530400	OsR498G0408952100.01.T01	SNARE-complex protein Syntaxin-18 N-terminal
maker-4-augustus-gene-213.45-mRNA-1	NA	NA		0	OsR498G0408958500.01.T05	Salutaridine reductase
maker-4-augustus-gene-213.48-mRNA-1	NA	NA		Os04g0532800	OsR498G0408960500.01.T01	MYB transcription factor
maker-4-augustus-gene-213.50-mRNA-1	NA	NA		Os04g0533000	OsR498G0408961100.01.T06	DEAD-box ATP-dependent RNA helicase
maker-4-augustus-gene-213.57-mRNA-1	NA	NA		0	OsR498G0408963700.01.T01	Putative non-inhibitory serpin-10
maker-4-augustus-gene-213.59-mRNA-1	NA	NA				SERPIN domain-containing protein (Fragment)
maker-4-augustus-gene-213.61-mRNA-1	NA	NA		Os04g0534000	OsR498G0408964300.01.T02	CAP10 domain-containing protein (Fragment)
maker-4-augustus-gene-213.65-mRNA-1	NA	NA		Os04g0532100	OsR498G0408958000.01.T02	Salutaridine reductase
maker-4-augustus-gene-213.69-mRNA-1	NA	NA		Os04g0532500	OsR498G0408958800.01.T03	LIM transcription factor
maker-4-augustus-gene-213.72-mRNA-1	NA	NA		Os04g0533300	OsR498G0408962200.01.T01	Remorin
maker-4-augustus-gene-213.75-mRNA-1	NA	NA		Os04g0533500	OsR498G0408963000.01.T03	Ascorbate-specific transmembrane electron transporter 2
maker-4-augustus-gene-213.78-mRNA-1	NA	Japonica		Os04g0533900	OsR498G1019009000.01.T01	HMA domain-containing protein (Fragment)
maker-4-augustus-gene-214.0-mRNA-1	NA	Indica		Os02g0642700	OsR498G0408964500.01.T05	Downstream target of AGL15 2
maker-4-augustus-gene-214.11-mRNA-1	NA	NA		Os04g0534300	OsR498G0408965100.01.T01	Calmodulin-related
maker-4-augustus-gene-214.15-mRNA-1	NA	NA		Os04g0535600	OsR498G0408968100.01.T01	Beta-fructofuranosidase 1
maker-4-augustus-gene-214.17-mRNA-1	NA	NA		Os04g0534400	OsR498G0408965400.01.T02	MSP domain-containing protein (Fragment)
maker-4-augustus-gene-214.21-mRNA-1	NA	Indica		Os04g0534500	OsR498G0408965600.01.T02	Vesicle-associated protein 1-2
maker-4-augustus-gene-214.25-mRNA-1	NA	NA		Os04g0535400	OsR498G0408967400.01.T06	Bifunctional adenosine 5'-phosphosulfate phosphorylase/adenylylsulfatase
maker-4-augustus-gene-214.28-mRNA-1	NA	NA		0	OsR498G0408967400.01.T08	
maker-4-augustus-gene-214.6-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0408964900.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-4-augustus-gene-215.4-mRNA-1	NA	NA		Os04g0536300	OsR498G0408970400.01.T01	C2C2-YABBY transcription factor
maker-4-augustus-gene-215.5-mRNA-1	NA	NA		0	OsR498G0408971400.01.T02	Secondary wall NAC master switch
maker-4-augustus-gene-216.39-mRNA-1	NA	NA		Os04g0538000	OsR498G0408982500.01.T02	Hsp organizing protein/stress-inducible protein

maker-4-augustus-gene-216.43-mRNA-1	NA	NA		Os04g0538900	OsR498G0408987300.01.T01	glyoxalase domain-containing protein 5-like
maker-4-augustus-gene-216.45-mRNA-1	NA	NA		Os04g0539000	OsR498G0408987700.01.T01	NAD(P)H dehydrogenase subunit M
maker-4-augustus-gene-216.47-mRNA-1	NA	Indica		Os02g0645600	OsR498G0408990100.01.T03	GATA transcription factor
maker-4-augustus-gene-216.50-mRNA-1	NA	NA		Os04g0537900	OsR498G0408982000.01.T02	Vacuolar-processing enzyme beta-isozyme 1
maker-4-augustus-gene-216.59-mRNA-1	NA	NA		Os04g0538700	OsR498G0408985800.01.T01	ATG13 domain-containing protein (Fragment)
maker-4-augustus-gene-216.61-mRNA-1	NA	NA		Os04g0538800	OsR498G0408986600.01.T04	Kinesin-like protein KIN-7G
maker-4-augustus-gene-216.65-mRNA-1	NA	NA		Os04g0539100	OsR498G0408988000.01.T01	
maker-4-augustus-gene-217.25-mRNA-1	NA	NA		Os04g0540200	OsR498G0408992300.01.T02	B-box zinc finger protein 21
maker-4-augustus-gene-217.28-mRNA-1	NA	Japonica		Os04g0540300	OsR498G0408992900.01.T03	COBRA-like protein 6
maker-4-augustus-gene-217.31-mRNA-1	NA	Japonica		Os04g0540400	OsR498G0408993300.01.T04	
maker-4-augustus-gene-217.34-mRNA-1	NA	Indica		Os10g0512700	OsR498G0408991600.01.T01	SH3 domain-containing protein 2
maker-4-augustus-gene-217.41-mRNA-1	NA	NA		Os04g0540600	OsR498G0408993800.01.T01	Aldehyde dehydrogenase
maker-4-augustus-gene-217.46-mRNA-1	NA	NA	Kinase-TM	Os04g0540900	OsR498G0408995400.01.T01	Leucine-rich repeat receptor protein kinase EXS
maker-4-augustus-gene-217.48-mRNA-1	NA	Indica		Os04g0541100	OsR498G0408998400.01.T01	Trihelix transcription factor
maker-4-augustus-gene-22.52-mRNA-1	NA	Japonica	Kinase-TM	Os04g0201900	OsR498G0407717600.01.T01	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-220.9-mRNA-1	NA	NA		Os04g0545100	OsR498G0409015600.01.T01	ELMO domain-containing protein A
maker-4-augustus-gene-221.69-mRNA-1	NA	NA		Os04g0549300	OsR498G0409027800.01.T01	Isoaspartyl peptidase/L-asparaginase 3 subunit beta like
maker-4-augustus-gene-226.0-mRNA-1	NA	NA				Cyclic nucleotide-binding domain-containing protein
maker-4-augustus-gene-226.16-mRNA-1	NA	NA		Os04g0557800	OsR498G0409062200.01.T01	Anthocyanin regulatory R-S protein-like
maker-4-augustus-gene-226.19-mRNA-1	NA	Indica		Os04g0558500	OsR498G0409062800.01.T01	
maker-4-augustus-gene-226.7-mRNA-1	NA	NA		Os04g0557500	OsR498G0409061000.01.T01	Anthocyanin regulatory R-S protein-like
maker-4-augustus-gene-226.9-mRNA-1	NA	NA		Os07g0115700	OsR498G0917125000.01.T01	Endonuclease
maker-4-augustus-gene-227.0-mRNA-1	NA	NA		Os04g0559100	OsR498G0409063900.01.T01	Rop guanine nucleotide exchange factor like
maker-4-augustus-gene-227.12-mRNA-1	NA	NA				Pro-zeta-carotene desaturase, polycopene producing
maker-4-augustus-gene-227.18-mRNA-1	NA	NA		Os04g0560700	OsR498G0409068300.01.T01	
maker-4-augustus-gene-227.20-mRNA-1	NA	Indica		Os04g0561000	OsR498G0409068700.01.T01	Mechanosensitive ion channel protein 6
maker-4-augustus-gene-227.23-mRNA-1	NA	NA		Os04g0559200	OsR498G0409064200.01.T01	DUF4378 domain-containing protein (Fragment)
maker-4-augustus-gene-227.25-mRNA-1	NA	NA		Os04g0559400	OsR498G0409065000.01.T01	Branched-chain-amino-acid aminotransferase
maker-4-augustus-gene-227.29-mRNA-1	NA	NA	Kinase	Os04g0559800	OsR498G0409066400.01.T05	Putative MAPKKK family protein kinase isoform 1
maker-4-augustus-gene-227.34-mRNA-1	NA	NA		Os04g0560300	OsR498G0409067400.01.T01	Histone lysine-specific demethylase
maker-4-augustus-gene-227.36-mRNA-1	NA	NA				Alpha-L-fucosidase
maker-4-augustus-gene-227.38-mRNA-1	NA	NA	Kinase-TM	Os04g0560600	OsR498G0409068000.01.T01	Calcium-dependent protein kinase
maker-4-augustus-gene-227.42-mRNA-1	NA	Japonica		Os04g0561200	OsR498G0409069000.01.T01	Cellular retinaldehyde-binding/triple function
maker-4-augustus-gene-227.5-mRNA-1	NA	Indica		Os04g0559700	OsR498G0409066100.01.T01	Aquaporin
maker-4-augustus-gene-227.8-mRNA-1	NA	Indica		Os04g0560200	OsR498G0409067100.01.T01	Thioredoxin
maker-4-augustus-gene-228.38-mRNA-1	NA	NA		Os04g0561500	OsR498G0409069500.01.T04	Prolyl oligopeptidase
maker-4-augustus-gene-228.43-mRNA-1	NA	NA		Os04g0561600	OsR498G0409069700.01.T04	Coiled-coil domain-containing protein 124
maker-4-augustus-gene-228.45-mRNA-1	NA	NA		Os04g0562000	OsR498G0409070900.01.T05	S-acyltransferase
maker-4-augustus-gene-228.51-mRNA-1	NA	Japonica		Os05g0269800	OsR498G04090509300.01.T01	DDE Tnp4 domain-containing protein
maker-4-augustus-gene-228.56-mRNA-1	NA	NA		Os04g0562800		DUF632 domain-containing protein
maker-4-augustus-gene-228.60-mRNA-1	NA	NA		0	OsR498G0409074700.01.T03	DUF295 domain-containing protein
maker-4-augustus-gene-228.62-mRNA-1	NA	NA		Os04g0561700	OsR498G0409070000.01.T03	tRNA pseudouridine(55) synthase
maker-4-augustus-gene-228.69-mRNA-1	NA	NA		0	OsR498G0409070600.01.T01	GDSL esterase/lipase
maker-4-augustus-gene-228.71-mRNA-1	NA	NA		Os04g0562100	OsR498G0409071200.01.T02	Lysine histidine transporter 7
maker-4-augustus-gene-228.73-mRNA-1	NA	NA		0	OsR498G0409073800.01.T02	O-fucosyltransferase family protein (Fragment)
maker-4-augustus-gene-228.77-mRNA-1	NA	Indica		Os02g0670000	OsR498G0409074600.01.T02	Transmembrane protein 184C (Fragment)
maker-4-augustus-gene-229.25-mRNA-1	NA	NA		Os04g0564300	OsR498G1222106000.01.T03	
maker-4-augustus-gene-229.26-mRNA-1	NA	Japonica		Os04g0564200	OsR498G0409079100.01.T03	TPX2 domain-containing protein
maker-4-augustus-gene-229.36-mRNA-1	NA	NA		0	OsR498G0409079500.01.T02	Ser/Thr-rich protein T10 in DGCR region
maker-4-augustus-gene-229.39-mRNA-1	NA	Indica		Os04g0564600	OsR498G0409079700.01.T04	High mobility group box protein 2
maker-4-augustus-gene-229.42-mRNA-1	NA	NA	Kinase-TM			Protein kinase domain-containing protein
maker-4-augustus-gene-229.45-mRNA-1	NA	NA				Cyclin N-terminal domain-containing protein
maker-4-augustus-gene-229.51-mRNA-1	NA	NA				SSD domain-containing protein
maker-4-augustus-gene-229.58-mRNA-1	NA	NA	Kinase-TM	Os04g0563900	OsR498G0409078000.01.T01	probable serine/threonine-protein kinase PIX13
maker-4-augustus-gene-229.60-mRNA-1	NA	NA		Os04g0564000	OsR498G0409078800.01.T01	RWP-RK domain-containing protein
maker-4-augustus-gene-23.32-mRNA-1	NA	Indica		Os04g0208200	OsR498G0407728500.01.T01	Senescence-specific cysteine protease SAG39
maker-4-augustus-gene-23.34-mRNA-1	NA	Indica		Os04g0203500	OsR498G0407727000.01.T01	Senescence-specific cysteine protease SAG39
maker-4-augustus-gene-23.36-mRNA-1	NA	NA		Os04g0208400	OsR498G0407728800.01.T01	FBD domain-containing protein
maker-4-augustus-gene-23.40-mRNA-1	NA	NA		Os04g0208600	OsR498G0407730400.01.T01	FBD domain-containing protein
maker-4-augustus-gene-230.35-mRNA-1	NA	NA		Os04g0565400	OsR498G0409082100.01.T02	Glycosyltransferase
maker-4-augustus-gene-230.38-mRNA-1	NA	NA		Os04g0566100	OsR498G0409083900.01.T05	protein CHROMATIN REMODELING 19

maker-4-augustus-gene-230.43-mRNA-1	NA	Indica		Os04g0564700	OsR498G0409080000.01.T02	Syntaxin-binding protein 5
maker-4-augustus-gene-230.51-mRNA-1	NA	NA		Os04g0565900	OsR498G0409083600.01.T03	Transcription factor bHLH111 isoform A
maker-4-augustus-gene-231.18-mRNA-1	NA	NA		Os04g0566600	OsR498G0409089300.01.T01	Putative Myb family transcription factor
maker-4-augustus-gene-231.21-mRNA-1	NA	NA				Piwi domain-containing protein
maker-4-augustus-gene-231.28-mRNA-1	NA	NA		0	OsR498G0409090000.01.T02	Spc97 / Spc98 family of spindle pole body (SBP) component
maker-4-augustus-gene-231.34-mRNA-1	NA	NA		0	OsR498G0409090200.01.T01	Gamma-tubulin complex component
maker-4-augustus-gene-231.37-mRNA-1	NA	NA		Os04g0567200	OsR498G0409090800.01.T01	Aluminum-activated malate transporter 10
maker-4-augustus-gene-232.28-mRNA-1	NA	NA		Os04g0567700	OsR498G0409092500.01.T01	ORMDL family
maker-4-augustus-gene-232.31-mRNA-1	NA	NA		Os04g0568400	OsR498G0409097500.01.T01	WD repeat-containing protein 44
maker-4-augustus-gene-232.35-mRNA-1	NA	NA		Os04g0568700	OsR498G0409098300.01.T01	Heat shock transcription factor
maker-4-augustus-gene-232.37-mRNA-1	NA	NA		Os04g0569000	OsR498G0409099500.01.T01	Replication factor C subunit 4
maker-4-augustus-gene-232.39-mRNA-1	NA	NA		0	OsR498G0409098600.01.T03	MHD2 domain-containing protein
maker-4-augustus-gene-232.42-mRNA-1	NA	Indica		Os04g0568900	OsR498G0409099000.01.T01	Putative RING zinc finger domain superfamily protein
maker-4-augustus-gene-233.27-mRNA-1	NA	NA		Os04g0569100	OsR498G0409099800.01.T02	Homeobox-leucine zipper protein ROC5
maker-4-augustus-gene-237.40-mRNA-1	NA	NA		Os04g0576800	OsR498G0409128100.01.T02	Polyprenol reductase 1
maker-4-augustus-gene-24.25-mRNA-1	NA	NA		0	OsR498G0407736700.01.T03	
maker-4-augustus-gene-24.27-mRNA-1	NA	NA				Multidrug resistance-associated protein 4 isoform 2
maker-4-augustus-gene-24.30-mRNA-1	NA	NA		Os04g0209300	OsR498G0407734600.01.T02	ABC transporter C family member 4
maker-4-augustus-gene-241.38-mRNA-1	NA	NA				Putative far-red impaired response protein
maker-4-augustus-gene-244.0-mRNA-1	NA	NA				DNA replication ATP-dependent helicase/nuclease
maker-4-augustus-gene-244.11-mRNA-1	NA	NA		Os04g0588700	OsR498G0409182300.01.T01	ABC transporter C family member 9 like
maker-4-augustus-gene-244.23-mRNA-1	NA	NA		0	OsR498G0409183000.01.T03	SRR1 domain-containing protein (Fragment)
maker-4-augustus-gene-246.57-mRNA-1	NA	NA		0	OsR498G0409198900.01.T01	E3 ubiquitin-protein ligase RNF14
maker-4-augustus-gene-248.48-mRNA-1	NA	NA		Os04g0598300	OsR498G0409213000.01.T01	Probable transcription factor FL
maker-4-augustus-gene-249.10-mRNA-1	NA	NA		Os04g0599700	OsR498G0409218700.01.T01	Cobalamin biosynthesis protein CobW
maker-4-augustus-gene-249.14-mRNA-1	NA	Indica		Os04g0599800	OsR498G0409218900.01.T01	Cell division cycle protein 20
maker-4-augustus-gene-249.7-mRNA-1	NA	NA				UvrD-helicase domain-containing protein (Fragment)
maker-4-augustus-gene-25.0-mRNA-1	NA	NA				NAC domain-containing protein
maker-4-augustus-gene-25.3-mRNA-1	NA	NA		0	OsR498G0407745900.01.T01	Vps54 domain-containing protein (Fragment)
maker-4-augustus-gene-25.9-mRNA-1	NA	NA		Os04g0212200	OsR498G0407746300.01.T01	Two-component response regulator ORR42
maker-4-augustus-gene-250.13-mRNA-1	NA	NA		Os04g0602500	OsR498G0409226700.01.T01	Pectin acetylsterase
maker-4-augustus-gene-250.18-mRNA-1	NA	NA		Os04g0602600		Pentatricopeptide repeat-containing protein chloroplastic
maker-4-augustus-gene-250.28-mRNA-1	NA	Indica		Os04g0602200	OsR498G0409226200.01.T01	Spermidine-binding periplasmic protein SpuE
maker-4-augustus-gene-250.33-mRNA-1	NA	NA		Os04g0602300		Transcription factor
maker-4-augustus-gene-250.34-mRNA-1	NA	NA		Os04g0602400	OsR498G0409226600.01.T03	Maltose transporter
maker-4-augustus-gene-250.36-mRNA-1	NA	Japonica		Os04g0602700	OsR498G0409227200.01.T04	RNA-binding (RRM/RBD/RNP motifs) family protein isoform 1
maker-4-augustus-gene-250.43-mRNA-1	NA	NA	Kinase-TM	Os04g0602800	OsR498G0409227400.01.T04	Serine/threonine-protein kinase minibrain-like
maker-4-augustus-gene-251.41-mRNA-1	NA	NA		0	OsR498G0409227900.01.T03	Protein-S-isoprenylcysteine O-methyltransferase
maker-4-augustus-gene-251.44-mRNA-1	NA	Indica		Os04g0658000	OsR498G0409228300.01.T05	Glucose-6-phosphate 1-epimerase
maker-4-augustus-gene-251.46-mRNA-1	NA	NA		Os04g0604800	OsR498G0409232700.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-4-augustus-gene-251.49-mRNA-1	NA	NA		Os04g0603200	OsR498G0409228800.01.T05	E3 ubiquitin-protein ligase MBR1
maker-4-augustus-gene-251.52-mRNA-1	NA	NA				
maker-4-augustus-gene-251.63-mRNA-1	NA	NA		Os01g0175300	OsR498G0510826100.01.T01	ATP-dependent DNA helicase
maker-4-augustus-gene-251.68-mRNA-1	NA	NA		Os04g0604900	OsR498G0409233000.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-4-augustus-gene-252.0-mRNA-1	NA	NA		Os04g0605100	OsR498G0409233900.01.T01	WRKY transcription factor
maker-4-augustus-gene-252.2-mRNA-1	NA	NA		Os04g0605900	OsR498G0409238500.01.T05	Ribosomal protein L7
maker-4-augustus-gene-252.6-mRNA-1	NA	NA	LRR	Os04g0605300	OsR498G0409234800.01.T02	Plant intracellular Ras-group-related LRR protein 1
maker-4-augustus-gene-252.9-mRNA-1	NA	NA		Os04g0605500	OsR498G0409237000.01.T02	Calcium-transporting ATPase 9 plasma membrane-type
maker-4-augustus-gene-253.13-mRNA-1	NA	NA		0	OsR498G0409240600.01.T01	DNA ligase IV
maker-4-augustus-gene-253.6-mRNA-1	NA	NA				Mannosyl-oligosaccharide 1,2-alpha-mannosidase (Fragment)
maker-4-augustus-gene-254.30-mRNA-1	NA	NA		Os04g0608400	OsR498G0409250300.01.T01	Nuclear pore complex protein NUP88
maker-4-augustus-gene-254.34-mRNA-1	NA	NA		Os04g0608800	OsR498G0409252300.01.T01	Evolutionarily conserved C-terminal region 10
maker-4-augustus-gene-254.37-mRNA-1	NA	NA		Os04g0607600	OsR498G0409246400.01.T03	Probable cation transporter HKT7
maker-4-augustus-gene-254.39-mRNA-1	NA	NA		Os04g0608100	OsR498G0409248000.01.T01	Galacturonokinase
maker-4-augustus-gene-254.53-mRNA-1	NA	NA		0	OsR498G0409251200.01.T01	probable nucleoredoxin 3
maker-4-augustus-gene-255.0-mRNA-1	NA	Indica		Os04g0609100	OsR498G0409254300.01.T02	cwf21 domain-containing protein (Fragment)
maker-4-augustus-gene-255.17-mRNA-1	NA	NA		Os04g0609700	OsR498G0409256800.01.T04	PHD-type domain-containing protein
maker-4-augustus-gene-255.25-mRNA-1	NA	NA		0	OsR498G0409257600.01.T06	PHD-type domain-containing protein
maker-4-augustus-gene-255.27-mRNA-1	NA	NA		Os04g0610000		PHD-type domain-containing protein
maker-4-augustus-gene-255.7-mRNA-1	NA	NA	Kinase-TM	Os04g0608900	OsR498G0409252600.01.T01	serine/threonine-protein kinase STY13
maker-4-augustus-gene-256.30-mRNA-1	NA	NA				PHD-type domain-containing protein

maker-4-augustus-gene-256.32-mRNA-1	NA	NA		Os04g0610600	OsR498G0409260100.01.T03	Embryonic protein DC-8
maker-4-augustus-gene-256.34-mRNA-1	NA	NA		0	OsR498G0409260900.01.T04	Coproporphyrinogen oxidase
maker-4-augustus-gene-256.43-mRNA-1	NA	NA		Os04g0611200	OsR498G0409263100.01.T01	Transferase
maker-4-augustus-gene-256.45-mRNA-1	NA	NA		0	OsR498G0409263500.01.T03	Nucleic acid-binding
maker-4-augustus-gene-256.48-mRNA-1	NA	NA		Os04g0611400	OsR498G0409263700.01.T01	Vacuolar-sorting receptor 6
maker-4-augustus-gene-256.57-mRNA-1	NA	NA		0	OsR498G0409259400.01.T01	Methionine aminopeptidase
maker-4-augustus-gene-256.61-mRNA-1	NA	NA		Os04g0610700	OsR498G0409260400.01.T05	Potassium transporter
maker-4-augustus-gene-257.55-mRNA-1	NA	NA		Os07g0565000	OsR498G0714587600.01.T01	Ribosomal protein S11-beta
maker-4-augustus-gene-257.58-mRNA-1	NA	NA		Os04g0613600	OsR498G0409269500.01.T01	40S ribosomal protein S11
maker-4-augustus-gene-257.72-mRNA-1	NA	NA		Os04g0613400	OsR498G0409269200.01.T03	Cell differentiation
maker-4-augustus-gene-258.56-mRNA-1	NA	NA		0	OsR498G0409276700.01.T07	
maker-4-augustus-gene-259.31-mRNA-1	NA	Japonica	Kinase	Os04g0616400	OsR498G0409282400.01.T01	Leucine-rich repeat transmembrane protein kinase
maker-4-augustus-gene-261.0-mRNA-1	NA	NA		Os04g0619500	OsR498G0409293700.01.T01	OTU domain-containing protein 6B
maker-4-augustus-gene-261.9-mRNA-1	NA	Japonica		Os04g0619000	OsR498G0409291200.01.T02	NAC transcription factor
maker-4-augustus-gene-262.34-mRNA-1	NA	Indica		Os04g0620200	OsR498G0409295700.01.T01	
maker-4-augustus-gene-263.39-mRNA-1	NA	NA		0	OsR498G0407881700.01.T01	Transposon protein, putative, Mutator sub-class
maker-4-augustus-gene-263.63-mRNA-1	NA	NA				Peptidase A1 domain-containing protein
maker-4-augustus-gene-265.17-mRNA-1	NA	NA		Os04g0626400	OsR498G0409317800.01.T02	CHL-Zea mays Chloroplastic lipocalin
maker-4-augustus-gene-265.8-mRNA-1	NA	NA		Os04g0626900	OsR498G0409319500.01.T01	AP-5 complex subunit zeta-1
maker-4-augustus-gene-266.25-mRNA-1	NA	Japonica		Os04g0627200	OsR498G0409321000.01.T03	ABC transporter domain-containing protein (Fragment)
maker-4-augustus-gene-266.34-mRNA-1	NA	NA		Os04g0628400		Zinc finger BED domain-containing protein DAYSLEEPER
maker-4-augustus-gene-266.36-mRNA-1	NA	NA		Os04g0628600	OsR498G0409324800.01.T01	UHRF1-binding protein 1-like
maker-4-augustus-gene-266.49-mRNA-1	NA	NA		Os04g0629300	OsR498G0409326200.01.T02	Putative SNF2-domain/RING finger domain/helicase domain protein
maker-4-augustus-gene-267.106-mRNA-1	NA	NA		Os04g0631000	OsR498G0409329700.01.T02	Epimerase domain-containing protein (Fragment)
maker-4-augustus-gene-267.107-mRNA-1	NA	NA		Os04g0631000	OsR498G0409329700.01.T01	Epimerase domain-containing protein
maker-4-augustus-gene-267.112-mRNA-1	NA	Indica		Os04g0631100	OsR498G0409330100.01.T01	Organic cation transporter
maker-4-augustus-gene-267.115-mRNA-1	NA	Indica		Os04g0631200	OsR498G0409331100.01.T04	Xyloglucan endotransglucosylase/hydrolase
maker-4-augustus-gene-267.117-mRNA-1	NA	NA		Os04g0631600	OsR498G0409332100.01.T01	Transcription factor bHLH112
maker-4-augustus-gene-267.122-mRNA-1	NA	NA		Os04g0629700	OsR498G0409327400.01.T01	Kinesin-like protein KIN-14H
maker-4-augustus-gene-267.42-mRNA-1	NA	NA		Os04g0630000	OsR498G0409327700.01.T05	
maker-4-augustus-gene-267.48-mRNA-1	NA	Japonica		Os04g0630100	OsR498G0409328500.01.T03	Epimerase domain-containing protein
maker-4-augustus-gene-268.10-mRNA-1	NA	NA	Kinase-TM	Os04g0632300		Non-specific serine/threonine protein kinase
maker-4-augustus-gene-268.13-mRNA-1	NA	NA	Kinase-TM	Os04g0632500	OsR498G0409334400.01.T03	Serine/threonine-protein kinase
maker-4-augustus-gene-268.16-mRNA-1	NA	Indica	Kinase-TM	Os04g0632600	OsR498G0409334600.01.T02	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-268.22-mRNA-1	NA	Indica	Kinase-TM	Os04g0632700	OsR498G0409334800.01.T01	Serine/threonine-protein kinase
maker-4-augustus-gene-268.31-mRNA-1	NA	NA	Kinase-TM	Os04g0633300	OsR498G0409336200.01.T01	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-268.36-mRNA-1	NA	NA	Kinase-TM	Os04g0633900	OsR498G0409338200.01.T01	Serine/threonine-protein kinase
maker-4-augustus-gene-268.39-mRNA-1	NA	Japonica	Kinase-TM	Os04g0634000	OsR498G0409338400.01.T01	G-type lectin 5-receptor-like serine/threonine-protein kinase
maker-4-augustus-gene-268.42-mRNA-1	NA	NA	Kinase-TM	Os04g0634400	OsR498G0409339000.01.T02	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-268.7-mRNA-1	NA	NA	Kinase-TM	Os04g0632100	OsR498G0409332800.01.T04	Non-specific serine/threonine protein kinase
maker-4-augustus-gene-269.56-mRNA-1	NA	NA		Os04g0635700	OsR498G0409343100.01.T01	Receptor-interacting protein, putative
maker-4-augustus-gene-269.58-mRNA-1	NA	NA		Os04g0635900	OsR498G0409343500.01.T04	Double-strand break repair protein MRE11
maker-4-augustus-gene-269.63-mRNA-1	NA	NA		Os04g0636100	OsR498G0409344100.01.T01	Hexosyltransferase
maker-4-augustus-gene-269.77-mRNA-1	NA	NA		Os03g0643100	OsR498G0713408500.01.T01	WAC domain-containing protein
maker-4-augustus-gene-269.80-mRNA-1	NA	NA		Os04g0635600		
maker-4-augustus-gene-269.82-mRNA-1	NA	NA		Os04g0636000	OsR498G0409343800.01.T01	Heterogeneous nuclear ribonucleoprotein U 1
maker-4-augustus-gene-269.85-mRNA-1	NA	NA		Os04g0636200	OsR498G0409344400.01.T01	Micronuclear linker histone polyprotein-like protein
maker-4-augustus-gene-269.87-mRNA-1	NA	NA				Vacuolar protein sorting-associated protein 41
maker-4-augustus-gene-269.90-mRNA-1	NA	NA		Os04g0636600	OsR498G0409345600.01.T01	Formation of crista junctions protein 1
maker-4-augustus-gene-269.95-mRNA-1	NA	NA		Os04g0636700	OsR498G0409345800.01.T01	CID domain
maker-4-augustus-gene-269.98-mRNA-1	NA	Japonica		Os04g0636800	OsR498G0409346000.01.T01	UBP1-associated protein 2A
maker-4-augustus-gene-270.58-mRNA-1	NA	Indica		Os08g0175300	OsR498G0409347700.01.T03	White seedling2
maker-4-augustus-gene-271.47-mRNA-1	NA	NA		Os04g0640300	OsR498G0409353400.01.T01	
maker-4-augustus-gene-272.0-mRNA-1	NA	NA				
maker-4-augustus-gene-272.10-mRNA-1	NA	NA				Protein kinase domain-containing protein
maker-4-augustus-gene-272.22-mRNA-1	NA	NA		0	OsR498G0409361400.01.T01	
maker-4-augustus-gene-275.10-mRNA-1	NA	NA	LRR-TM			Phytosulfokine receptor 1
maker-4-augustus-gene-275.19-mRNA-1	NA	NA		Os04g0648500	OsR498G0409379800.01.T02	BRCA1-associated protein isoform A
maker-4-augustus-gene-275.6-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-4-augustus-gene-277.39-mRNA-1	NA	NA		0	OsR498G0409397800.01.T01	FBD domain-containing protein
maker-4-augustus-gene-277.41-mRNA-1	NA	Indica		Os04g0652400	OsR498G0409398000.01.T01	STAS domain-containing protein (Fragment)

maker-4-augustus-gene-278.0-mRNA-1	NA	NA		Os04g0652600		Ubiquitinyl hydrolase 1
maker-4-augustus-gene-278.12-mRNA-1	NA	Indica		Os04g0653000	OsR498G0409402300.01.T02	Tify domain-containing protein (Fragment)
maker-4-augustus-gene-278.17-mRNA-1	NA	NA				Vacuolar cation/proton exchanger
maker-4-augustus-gene-278.22-mRNA-1	NA	NA		Os04g0652500	OsR498G0409398600.01.T02	Golgin candidate 2
maker-4-augustus-gene-278.31-mRNA-1	NA	NA		Os04g0652900	OsR498G0409400600.01.T04	Aminoacyl-tRNA hydrolase
maker-4-augustus-gene-278.35-mRNA-1	NA	NA		Os04g0653100	OsR498G0409402600.01.T02	Protein FATTY ACID EXPORT 2 chloroplastic
maker-4-augustus-gene-278.6-mRNA-1	NA	NA		Os04g0652700	OsR498G0409400300.01.T02	Aspergillus nuclease S(1)
maker-4-augustus-gene-278.7-mRNA-1	NA	NA				Aspergillus nuclease S(1)
maker-4-augustus-gene-28.36-mRNA-1	NA	NA		0	OsR498G1019263000.01.T04	Serrate RNA effector molecule (Fragment)
maker-4-augustus-gene-28.45-mRNA-1	NA	NA		Os04g0218900	OsR498G0407752500.01.T03	TRAF-type domain-containing protein
maker-4-augustus-gene-280.15-mRNA-1	NA	NA		Os04g0656500	OsR498G0409415100.01.T01	Squamosa promoter-binding-like protein 8
maker-4-augustus-gene-280.17-mRNA-1	NA	NA		0	OsR498G0409410600.01.T01	Ethylene-responsive transcription factor ERF003
maker-4-augustus-gene-280.19-mRNA-1	NA	NA		Os04g0656800	OsR498G0409416200.01.T01	Peroxidase
maker-4-augustus-gene-280.2-mRNA-1	NA	NA		Os04g0655600	OsR498G0409410300.01.T03	
maker-4-augustus-gene-283.11-mRNA-1	NA	Indica		Os04g0661900	OsR498G0409432700.01.T01	26S proteasome regulatory particle non-ATPase subunit 8
maker-4-augustus-gene-283.46-mRNA-1	NA	NA		Os04g0661800	OsR498G0409432600.01.T02	Mediator of RNA polymerase II transcription subunit 7
maker-4-augustus-gene-284.10-mRNA-1	NA	NA		Os04g0663500	OsR498G0409438300.01.T01	U11/U12 small nuclear ribonucleoprotein 25 kDa
maker-4-augustus-gene-284.11-mRNA-1	NA	Indica		Os04g0662700	OsR498G0409435600.01.T02	GTP cyclohydrolase 1
maker-4-augustus-gene-284.17-mRNA-1	NA	Indica		Os04g0663200	OsR498G0409438000.01.T01	Zinc finger CCH domain-containing protein 6
maker-4-augustus-gene-284.29-mRNA-1	NA	NA		Os04g0664400	OsR498G0409441200.01.T01	Auxin response factor
maker-4-augustus-gene-285.11-mRNA-1	NA	NA		Os04g0665800	OsR498G0409449300.01.T04	probable plastid-lipid-associated protein 13, chloroplastic
maker-4-augustus-gene-285.17-mRNA-1	NA	NA		0	OsR498G0409445000.01.T04	Beta-fructofuranosidase, insoluble isoenzyme 6
maker-4-augustus-gene-285.7-mRNA-1	NA	NA		Os04g0665700	OsR498G0409449300.01.T02	Putative plastid-lipid-associated protein 13 chloroplastic
maker-4-augustus-gene-286.16-mRNA-1	NA	NA		Os04g0667900		Regulatory protein RecX
maker-4-augustus-gene-286.35-mRNA-1	NA	NA		0	OsR498G0409455400.01.T03	Ubiquitin carboxyl-terminal hydrolase
maker-4-augustus-gene-286.41-mRNA-1	NA	NA		Os04g0667800	OsR498G0409456400.01.T05	UBC core domain-containing protein (Fragment)
maker-4-augustus-gene-287.102-mRNA-1	NA	Indica		Os04g0670400	OsR498G0409462600.01.T04	SEC-C motif-containing protein / OTU-like cysteine protease family protein
maker-4-augustus-gene-287.49-mRNA-1	NA	NA		Os04g0668800	OsR498G0409459100.01.T01	Thiol-disulfide oxidoreductase DCC isoform 1
maker-4-augustus-gene-287.51-mRNA-1	NA	NA				Putative EH-domain-containing protein 1
maker-4-augustus-gene-287.58-mRNA-1	NA	Indica		Os04g0670000	OsR498G0409461700.01.T04	Reticulon-like protein (Fragment)
maker-4-augustus-gene-287.68-mRNA-1	NA	Indica		Os04g0668900	OsR498G0409459400.01.T07	Ubiquinol oxidase
maker-4-augustus-gene-287.76-mRNA-1	NA	NA		Os04g0669500	OsR498G0409460800.01.T01	Acyl-protein thioesterase 1
maker-4-augustus-gene-287.82-mRNA-1	NA	NA		Os04g0669600	OsR498G0409461000.01.T01	Carboxylesterase SOBER1
maker-4-augustus-gene-287.84-mRNA-1	NA	NA		Os04g0669700		Acyl-protein thioesterase, putative
maker-4-augustus-gene-287.85-mRNA-1	NA	NA		Os04g0669800	OsR498G0409461000.01.T06	S-methyl-5-thioribose kinase
maker-4-augustus-gene-287.96-mRNA-1	NA	NA		Os04g0669800	OsR498G0409461600.01.T02	S-methyl-5-thioribose kinase
maker-4-augustus-gene-288.25-mRNA-1	NA	Indica		Os04g0670800	OsR498G0409463700.01.T01	Plant UBX domain-containing protein 7
maker-4-augustus-gene-288.32-mRNA-1	NA	NA		Os04g0670900	OsR498G0409464600.01.T01	Shattering protein (Fragment)
maker-4-augustus-gene-288.34-mRNA-1	NA	Indica		Os03g0130400	OsR498G0409465400.01.T01	Adenylate kinase
maker-4-augustus-gene-288.37-mRNA-1	NA	NA		Os04g0671200	OsR498G0409465600.01.T01	Polyamine oxidase 4
maker-4-augustus-gene-288.39-mRNA-1	NA	NA		Os04g0671300	OsR498G0409465800.01.T01	Polyamine oxidase 5
maker-4-augustus-gene-29.2-mRNA-1	NA	NA		0	OsR498G1221160700.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-4-augustus-gene-296.20-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0409524800.01.T04	Serine/threonine-protein kinase STY46
maker-4-augustus-gene-296.6-mRNA-1	NA	NA				
maker-4-augustus-gene-298.34-mRNA-1	NA	NA	Kinase-TM	Os04g0689400	OsR498G0409533700.01.T01	Serine/threonine protein kinase
maker-4-augustus-gene-298.51-mRNA-1	NA	Japonica		Os04g0688500	OsR498G0409530800.01.T02	Peroxidase
maker-4-augustus-gene-298.55-mRNA-1	NA	NA		Os04g0689300	OsR498G0409533400.01.T01	PI-PLC X domain-containing protein
maker-4-augustus-gene-30.0-mRNA-1	NA	NA		Os04g0221000	OsR498G0407755400.01.T01	
maker-4-augustus-gene-30.4-mRNA-1	NA	NA		Os04g0221600	OsR498G0407756000.01.T02	PHD domain-containing protein
maker-4-augustus-gene-300.10-mRNA-1	NA	NA		0	OsR498G0409543100.01.T01	Ribonuclease P
maker-4-augustus-gene-300.7-mRNA-1	NA	NA		Os04g0692400	OsR498G0409542700.01.T04	probable methyltransferase PMT26
maker-4-augustus-gene-301.25-mRNA-1	NA	NA		Os04g0655600	OsR498G0409410300.01.T04	
maker-4-augustus-gene-301.3-mRNA-1	NA	NA		Os03g0340600		
maker-4-augustus-gene-301.31-mRNA-1	NA	NA	Kinase-TM	Os04g0689400	OsR498G0409533700.01.T02	Receptor-like protein kinase
maker-4-augustus-gene-301.35-mRNA-1	NA	NA		0	OsR498G0102369900.01.T01	DNA excision repair protein ERCC-8
maker-4-augustus-gene-301.41-mRNA-1	NA	NA		0	OsR498G0409410600.01.T01	Ethylene-responsive transcription factor ERF003
maker-4-augustus-gene-301.43-mRNA-1	NA	NA		Os09g0373200	OsR498G0917293100.01.T01	Strictosidine synthase 3
maker-4-augustus-gene-301.45-mRNA-1	NA	NA		Os04g0689300	OsR498G0409533400.01.T01	PI-PLC X domain-containing protein
maker-4-augustus-gene-301.47-mRNA-1	NA	NA		Os02g0307300	OsR498G0203524400.01.T01	General transcription factor 3C polypeptide 2
maker-4-augustus-gene-301.5-mRNA-1	NA	NA		0	OsR498G0409548900.01.T01	Serine/threonine-protein kinase
maker-4-augustus-gene-33.0-mRNA-1	NA	NA				Vacuolar protein sorting-associated protein 33 like

maker-4-augustus-gene-33.6-mRNA-1	NA	NA		Os04g0223300	OsR498G0407761800.01.T01	L-ascorbate peroxidase
maker-4-augustus-gene-33.9-mRNA-1	NA	NA		Os04g0223500	OsR498G0407762000.01.T01	Flavin-containing monooxygenase
maker-4-augustus-gene-34.4-mRNA-1	NA	Indica		Os04g0224900	OsR498G0407764800.01.T05	Glycerol-3-phosphate dehydrogenase
maker-4-augustus-gene-36.31-mRNA-1	NA	NA		Os04g0227500	OsR498G0407777300.01.T02	DSBA-like thioredoxin domain containing protein
maker-4-augustus-gene-36.33-mRNA-1	NA	NA		Os04g0228000		Aspartic proteinase nepenthesin-2
maker-4-augustus-gene-36.35-mRNA-1	NA	NA		Os04g0228400	OsR498G0407781500.01.T01	Expansin
maker-4-augustus-gene-36.37-mRNA-1	NA	NA		Os04g0228100	OsR498G0407780400.01.T01	Coiled-coil domain-containing protein 155 (Fragment)
maker-4-augustus-gene-37.0-mRNA-1	NA	NA		Os04g0229100	OsR498G0407783600.01.T01	Cinnamyl alcohol dehydrogenase
maker-4-augustus-gene-39.25-mRNA-1	NA	NA		Os04g0233400	OsR498G0407801400.01.T01	Plasma membrane intrinsic protein subtype 2 aquaporin
maker-4-augustus-gene-39.28-mRNA-1	NA	NA		Os04g0234600	OsR498G0407805800.01.T01	Sedoheptulose-1,7-bisphosphatase, chloroplastic
maker-4-augustus-gene-41.0-mRNA-1	NA	NA		Os04g0244400	OsR498G0407814900.01.T01	Microsomal prostaglandin E synthase 2
maker-4-augustus-gene-41.10-mRNA-1	NA	NA		Os04g0244800	OsR498G0407816200.01.T01	HMA domain-containing protein
maker-4-augustus-gene-41.13-mRNA-1	NA	NA		0	OsR498G0407816800.01.T01	Formin-like protein 12
maker-4-augustus-gene-41.4-mRNA-1	NA	NA		Os04g0244500	OsR498G0407815300.01.T06	Methyltransferase
maker-4-augustus-gene-43.43-mRNA-1	NA	NA		Os04g0309600	OsR498G0407829000.01.T02	Sucrose synthase
maker-4-augustus-gene-43.48-mRNA-1	NA	Indica		Os04g0249600	OsR498G0407829400.01.T03	Rhodanese-like domain-containing protein 17
maker-4-augustus-gene-43.50-mRNA-1	NA	NA		Os04g0194500	OsR498G0407698800.01.T01	White-brown-complex ABC transporter family
maker-4-augustus-gene-45.0-mRNA-1	NA	NA				
maker-4-augustus-gene-46.0-mRNA-1	NA	NA		0	OsR498G0407837000.01.T02	Cleavage and polyadenylation specificity factor subunit 1
maker-4-augustus-gene-47.25-mRNA-1	NA	NA		0	OsR498G0407840400.01.T03	SNARE-interacting protein KEULE
maker-4-augustus-gene-48.0-mRNA-1	NA	NA		Os04g0254000	OsR498G0407846900.01.T01	4-hydroxy-tetrahydrodipicolinate synthase
maker-4-augustus-gene-51.0-mRNA-1	NA	NA		Os05g0422200	OsR498G0612271200.01.T01	TLDc domain-containing protein (Fragment)
maker-4-augustus-gene-54.1-mRNA-1	NA	NA		0	OsR498G0815936400.01.T01	
maker-4-augustus-gene-55.36-mRNA-1	NA	NA		Os04g0266900	OsR498G0407887500.01.T01	Transketolase
maker-4-augustus-gene-55.39-mRNA-1	NA	NA				Calcium-binding outer membrane-like protein
maker-4-augustus-gene-55.42-mRNA-1	NA	NA		0	OsR498G0407887400.01.T03	Methyl binding domain113
maker-4-augustus-gene-55.47-mRNA-1	NA	Indica		Os02g0265550	OsR498G0407890300.01.T01	Early light-induced protein, chloroplastic
maker-4-augustus-gene-6.33-mRNA-1	NA	NA		Os04g0178400	OsR498G0407644200.01.T01	
maker-4-augustus-gene-6.34-mRNA-1	NA	NA		Os04g0178400	OsR498G0407644200.01.T01	
maker-4-augustus-gene-62.41-mRNA-1	NA	Indica		Os04g0278200	OsR498G0407922700.01.T01	kinesin light chain 3 isoform X3
maker-4-augustus-gene-62.50-mRNA-1	NA	NA		0	OsR498G0407924400.01.T01	FMN-linked oxidoreductase superfamily protein
maker-4-augustus-gene-63.10-mRNA-1	NA	NA		Os04g0281900	OsR498G0407929700.01.T01	
maker-4-augustus-gene-63.13-mRNA-1	NA	Indica		Os08g0529800	OsR498G0407927400.01.T01	Myzus persicae-induced lipase 1
maker-4-augustus-gene-63.3-mRNA-1	NA	NA				CYTH domain-containing protein
maker-4-augustus-gene-63.7-mRNA-1	NA	Japonica		Os04g0280500	OsR498G0407926900.01.T01	F-box domain-containing protein
maker-4-augustus-gene-64.2-mRNA-1	NA	NA		Os04g0282400	OsR498G0407932400.01.T02	Flowering-promoting factor 1
maker-4-augustus-gene-65.32-mRNA-1	NA	NA		0	OsR498G0407939800.01.T01	Actin associated protein
maker-4-augustus-gene-65.35-mRNA-1	NA	NA		0	OsR498G0407940400.01.T04	Centromere protein O
maker-4-augustus-gene-65.42-mRNA-1	NA	NA		Os04g0284600	OsR498G0407941200.01.T01	26S proteasome regulatory subunit 6A homolog A
maker-4-augustus-gene-65.46-mRNA-1	NA	NA		Os04g0284900	OsR498G0407941400.01.T01	Endochitinase 2-like
maker-4-augustus-gene-66.41-mRNA-1	NA	NA	Kinase-TM	Os04g0286000		Calcium binding EGF domain containing protein, expressed
maker-4-augustus-gene-66.42-mRNA-1	NA	NA		0	OsR498G0407946500.01.T01	Wall-associated kinase 2
maker-4-augustus-gene-68.40-mRNA-1	NA	Japonica		Os04g0288100	OsR498G0816248400.01.T01	Germin-like protein 8-14
maker-4-augustus-gene-71.0-mRNA-1	NA	Japonica		Os04g0293300	OsR498G0407896300.01.T03	Tropinone reductase
maker-4-augustus-gene-77.0-mRNA-1	NA	Indica		Os04g0300600	OsR498G0407987600.01.T01	Basic helix-loop-helix transcription factor
maker-4-augustus-gene-82.41-mRNA-1	NA	NA		Os04g0308500	OsR498G0408024600.01.T01	Jasmonate-induced protein
maker-4-augustus-gene-82.44-mRNA-1	NA	NA				
maker-4-augustus-gene-82.47-mRNA-1	NA	NA		Os04g0308401	OsR498G0408024700.01.T01	Jasmonate-induced protein
maker-4-augustus-gene-82.51-mRNA-1	NA	NA		Os04g0309600	OsR498G0407829000.01.T02	Sucrose synthase
maker-4-augustus-gene-83.36-mRNA-1	NA	NA		Os04g0308401	OsR498G0408024700.01.T01	Jasmonate-induced protein
maker-4-augustus-gene-83.43-mRNA-1	NA	NA		Os04g0308500	OsR498G0408024600.01.T01	Jasmonate-induced protein
maker-4-augustus-gene-83.49-mRNA-1	NA	Indica		Os04g0310500	OsR498G0408025600.01.T01	NADH-ubiquinone oxidoreductase 10.5 kDa subunit
maker-4-augustus-gene-84.6-mRNA-1	NA	NA		Os04g0311400	OsR498G0408028500.01.T01	Cysteine protease
maker-4-augustus-gene-85.0-mRNA-1	NA	Indica		Os09g0120033	OsR498G0408032700.01.T01	
maker-4-augustus-gene-85.2-mRNA-1	NA	NA	CC-NBS	0	OsR498G0408112900.01.T01	Putative NBS-LRR class RGA
maker-4-augustus-gene-85.4-mRNA-1	NA	NA				Ribosome-associated, YjgA
maker-4-augustus-gene-85.6-mRNA-1	NA	NA				Thaumatococcus-like protein 1
maker-4-augustus-gene-86.32-mRNA-1	NA	NA	CC-NBS-TM	0	OsR498G0408112900.01.T01	Putative NBS-LRR class RGA
maker-4-augustus-gene-87.22-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class
maker-4-augustus-gene-89.0-mRNA-1	NA	NA		Os04g0329500	OsR498G0408052500.01.T02	DUF295 domain-containing protein (Fragment)
maker-4-augustus-gene-89.4-mRNA-1	NA	NA		Os10g0343500		

maker-4-augustus-gene-91.23-mRNA-1	NA	NA		Os04g0326300	OsR498G0408072900.01.T02	tRNA (adenine(58)-N(1))-methyltransferase
maker-4-augustus-gene-91.27-mRNA-1	NA	NA		0	OsR498G0408076500.01.T04	7-hydroxymethyl chlorophyll a reductase chloroplastic
maker-4-augustus-gene-91.40-mRNA-1	NA	NA		Os04g0326000	OsR498G0408115100.01.T01	Sister chromatid cohesion protein PDS5 B-B
maker-4-augustus-gene-91.45-mRNA-1	NA	NA		Os04g0320200	OsR498G0408076800.01.T01	Pentatricopeptide repeat
maker-4-augustus-gene-92.0-mRNA-1	NA	Japonica		Os04g0321100	OsR498G0816044700.01.T01	Glycosyltransferase
maker-4-augustus-gene-92.11-mRNA-1	NA	NA		Os04g0321700	OsR498G0408083200.01.T03	Carboxypeptidase
maker-4-augustus-gene-92.18-mRNA-1	NA	NA		Os04g0321800	OsR498G0408083400.01.T01	PPM-type phosphatase domain-containing protein
maker-4-augustus-gene-92.6-mRNA-1	NA	NA		Os04g0321600	OsR498G0408082700.01.T01	FACT complex subunit
maker-4-augustus-gene-92.7-mRNA-1	NA	NA		Os11g0426400	OsR498G1119990700.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-4-augustus-gene-92.8-mRNA-1	NA	NA				Phytoecyanin domain-containing protein
maker-4-augustus-gene-93.0-mRNA-1	NA	NA		0	OsR498G0408086300.01.T01	DDE Tnp4 domain-containing protein
maker-4-augustus-gene-93.2-mRNA-1	NA	NA		Os01g0946800	OsR498G1018926400.01.T01	Ulp1 protease family, C-terminal catalytic domain containing protein, expres
maker-4-augustus-gene-95.17-mRNA-1	NA	NA		Os04g0326000	OsR498G0408115100.01.T01	Sister chromatid cohesion protein PDS5 B-B
maker-4-augustus-gene-96.50-mRNA-1	NA	NA		0	OsR498G0408211200.01.T01	Translation initiation factor
maker-4-augustus-gene-96.51-mRNA-1	NA	NA				
maker-4-augustus-gene-96.56-mRNA-1	NA	Japonica	CC-NBS-TM	Os04g0470500	OsR498G0408741100.01.T01	Disease resistance protein RPS2
maker-4-augustus-gene-96.57-mRNA-1	NA	NA				Small nuclear ribonucleoprotein Sm D1
maker-4-augustus-gene-96.59-mRNA-1	NA	NA		Os04g0470300	OsR498G0408740400.01.T03	Sm domain-containing protein
maker-4-augustus-gene-96.65-mRNA-1	NA	NA		Os04g0536300	OsR498G0408970400.01.T01	C2C2-YABBY transcription factor
maker-4-augustus-gene-97.0-mRNA-1	NA	NA		Os11g0602900	OsR498G1120476500.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-4-augustus-gene-97.3-mRNA-1	NA	NA		Os04g0326300	OsR498G0408118000.01.T02	tRNA (adenine(58)-N(1))-methyltransferase
maker-4-augustus-gene-99.32-mRNA-1	NA	NA		Os04g0328900	OsR498G0408135500.01.T01	Expansin-like CBD domain-containing protein
maker-4-augustus-gene-99.34-mRNA-1	NA	NA		Os04g0330400		
maker-4-augustus-gene-99.39-mRNA-1	NA	NA		0	OsR498G1119933000.01.T01	
maker-4-augustus-gene-99.40-mRNA-1	NA	NA		Os04g0329500	OsR498G0408139600.01.T01	DUF295 domain-containing protein (Fragment)
maker-4-augustus-gene-99.44-mRNA-1	NA	NA				DUF295 domain-containing protein (Fragment)
maker-4-augustus-gene-99.46-mRNA-1	NA	Indica		Os04g0330200	OsR498G0408142400.01.T01	Jacalin-type lectin domain-containing protein
maker-4-augustus-gene-99.48-mRNA-1	NA	NA		Os04g0201000	OsR498G0408144600.01.T01	NB-ARC domain-containing protein
maker-5-augustus-gene-0.29-mRNA-1	NA	NA		Os05g0100100	OsR498G0509554500.01.T03	
maker-5-augustus-gene-0.31-mRNA-1	NA	NA		0	OsR498G0509556900.01.T02	Phospholipid-transporting ATPase
maker-5-augustus-gene-0.33-mRNA-1	NA	Indica		Os01g0109700	OsR498G0509555200.01.T06	Paired amphipathic helix protein Sin3
maker-5-augustus-gene-1.34-mRNA-1	NA	NA		Os05g0101200	OsR498G0509558300.01.T06	Peroxin-14
maker-5-augustus-gene-1.41-mRNA-1	NA	Indica	Kinase-TM	Os01g0110500	OsR498G0509557200.01.T07	Proline-rich receptor-like protein kinase PERK8
maker-5-augustus-gene-1.45-mRNA-1	NA	NA		Os05g0100800	OsR498G0509557400.01.T02	Nucleic acid-binding
maker-5-augustus-gene-1.47-mRNA-1	NA	Indica		Os01g0108000	OsR498G0509557800.01.T02	NB-ARC domain-containing protein
maker-5-augustus-gene-1.53-mRNA-1	NA	NA		0	OsR498G0509558600.01.T01	
maker-5-augustus-gene-1.55-mRNA-1	NA	NA		Os05g0101400	OsR498G0509558800.01.T01	Large subunit ribosomal protein L28
maker-5-augustus-gene-1.57-mRNA-1	NA	NA		Os05g0101600	OsR498G0509559200.01.T02	Abcisic acid 8'-hydroxylase
maker-5-augustus-gene-1.59-mRNA-1	NA	NA		Os05g0102500	OsR498G0509562400.01.T04	Autophagy-related 2
maker-5-augustus-gene-101.5-mRNA-1	NA	Indica	Kinase-LRR-TM	Os04g0291900	OsR498G0510192800.01.T06	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-103.5-mRNA-1	NA	NA	Kinase-LRR-TM	Os04g0291900	OsR498G0510192800.01.T06	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-104.30-mRNA-1	NA	NA		Os10g0127700	OsR498G0510199300.01.T01	Methionyl-tRNA formyltransferase
maker-5-augustus-gene-104.35-mRNA-1	NA	Indica	LRR-TM	Os04g0291900	OsR498G0510203700.01.T01	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-105.23-mRNA-1	NA	NA		0	OsR498G0510209200.01.T01	
maker-5-augustus-gene-105.27-mRNA-1	NA	Indica		Os05g0267001	OsR498G0510210000.01.T02	Putative F-box/kelch-repeat protein-like
maker-5-augustus-gene-107.33-mRNA-1	NA	NA		Os09g0352400	OsR498G0917225800.01.T05	RNA polymerase II transcription factor B subunit 2
maker-5-augustus-gene-107.35-mRNA-1	NA	NA				
maker-5-augustus-gene-107.36-mRNA-1	NA	NA				
maker-5-augustus-gene-107.37-mRNA-1	NA	Indica		Os05g0267732	OsR498G0510213400.01.T01	
maker-5-augustus-gene-107.65-mRNA-1	NA	NA		Os05g0267800	OsR498G0510214400.01.T02	CRAL-TRIO domain-containing protein (Fragment)
maker-5-augustus-gene-107.68-mRNA-1	NA	NA				
maker-5-augustus-gene-108.31-mRNA-1	NA	Indica		Os01g0279400	OsR498G0510217500.01.T01	MFS domain-containing protein
maker-5-augustus-gene-108.34-mRNA-1	NA	NA		Os05g0268500	OsR498G0510217800.01.T07	Carboxypeptidase
maker-5-augustus-gene-108.37-mRNA-1	NA	NA		Os05g0269100	OsR498G0510219400.01.T01	
maker-5-augustus-gene-108.39-mRNA-1	NA	NA		0	OsR498G0510219800.01.T01	Voltage-dependent anion channel
maker-5-augustus-gene-109.0-mRNA-1	NA	NA		Os05g0270000	OsR498G0510222700.01.T01	Large subunit ribosomal protein L25
maker-5-augustus-gene-109.10-mRNA-1	NA	NA		Os05g0269500	OsR498G0510221400.01.T02	HAP2-GCS1 domain-containing protein (Fragment)
maker-5-augustus-gene-109.14-mRNA-1	NA	NA		Os05g0269800		DDE Tnp4 domain-containing protein
maker-5-augustus-gene-109.20-mRNA-1	NA	NA		Os05g0270200	OsR498G0510224000.01.T01	SUN domain-containing protein (Fragment)
maker-5-augustus-gene-109.22-mRNA-1	NA	Indica		Os04g0295100	OsR498G0510225800.01.T01	Ribonuclease P
maker-5-augustus-gene-109.3-mRNA-1	NA	NA		0	OsR498G0510226300.01.T01	WLM domain-containing protein (Fragment)

maker-5-augustus-gene-109.5-mRNA-1	NA	NA	Os08g0500900	OsR498G0816402500.01.T04	5'-phosphoribosylglycinamide transformylase
maker-5-augustus-gene-110.0-mRNA-1	NA	Indica	Os05g0271300	OsR498G0510230100.01.T04	Ribonuclease III domain
maker-5-augustus-gene-110.6-mRNA-1	NA	NA	0	OsR498G0510234300.01.T01	GRF zinc finger family protein, expressed
maker-5-augustus-gene-110.7-mRNA-1	NA	Indica	Os05g0272800	OsR498G0510236300.01.T01	Retrovirus-related Pol polyprotein from transposon TNT 1-94
maker-5-augustus-gene-111.0-mRNA-1	NA	NA	Os05g0272800	OsR498G0510237900.01.T02	Retrovirus-related Pol polyprotein from transposon TNT 1-94
maker-5-augustus-gene-111.2-mRNA-1	NA	NA	0	OsR498G0510238900.01.T01	ATP-dependent DNA helicase
maker-5-augustus-gene-111.4-mRNA-1	NA	NA	Os05g0273500	OsR498G0510241100.01.T01	
maker-5-augustus-gene-111.6-mRNA-1	NA	NA	Os05g0272900	OsR498G0510238200.01.T01	Endoplasmic reticulum transmembrane protein (Fragment)
maker-5-augustus-gene-111.8-mRNA-1	NA	NA	Os05g0273800	OsR498G0510242400.01.T01	Alpha/beta hydrolase-1
maker-5-augustus-gene-112.0-mRNA-1	NA	NA	0	OsR498G0510244700.01.T02	DNA mismatch repair protein MSH2
maker-5-augustus-gene-112.4-mRNA-1	NA	NA	Os05g0274300	OsR498G0510244900.01.T02	G domain-containing protein (Fragment)
maker-5-augustus-gene-113.31-mRNA-1	NA	NA	Os05g0274700	OsR498G0510247500.01.T01	Ribosomal protein L15
maker-5-augustus-gene-113.36-mRNA-1	NA	NA			
maker-5-augustus-gene-113.40-mRNA-1	NA	NA	Os05g0275700	OsR498G0510250400.01.T01	Peroxisome bioproteinsis protein 2
maker-5-augustus-gene-114.0-mRNA-1	NA	NA	Os05g0276100	OsR498G0510252100.01.T02	Cation/H+ antiporter 19
maker-5-augustus-gene-114.2-mRNA-1	NA	NA	Os05g0276500	OsR498G0510255600.01.T01	Expansin
maker-5-augustus-gene-114.4-mRNA-1	NA	NA	Os05g0277000	OsR498G0510258600.01.T01	Expansin
maker-5-augustus-gene-115.0-mRNA-1	NA	NA	Os05g0277500	OsR498G0510262500.01.T01	Germin-like protein 5-1
maker-5-augustus-gene-115.2-mRNA-1	NA	Indica	Os05g0277300	OsR498G0510260000.01.T05	PCRf domain-containing protein
maker-5-augustus-gene-116.22-mRNA-1	NA	NA	Os05g0278500	OsR498G0510266000.01.T01	Acyl transferase 5
maker-5-augustus-gene-117.27-mRNA-1	NA	NA	Os05g0279400	OsR498G0510269100.01.T01	RING-type E3 ubiquitin transferase
maker-5-augustus-gene-117.30-mRNA-1	NA	NA	0	OsR498G0510270100.01.T04	DNase I-like superfamily protein isoform 2
maker-5-augustus-gene-117.36-mRNA-1	NA	NA	Os05g0279900	OsR498G0510271100.01.T01	Polygalacturonase
maker-5-augustus-gene-117.38-mRNA-1	NA	NA			tRNA pseudouridine synthase
maker-5-augustus-gene-117.39-mRNA-1	NA	NA	0	OsR498G0510269000.01.T04	tRNA pseudouridine synthase
maker-5-augustus-gene-118.20-mRNA-1	NA	NA	Os05g0280200	OsR498G0510273200.01.T01	Gtp-binding regulatory protein rgp2
maker-5-augustus-gene-118.22-mRNA-1	NA	NA	Os05g0280500	OsR498G0510274800.01.T01	PlsC domain-containing protein
maker-5-augustus-gene-119.21-mRNA-1	NA	NA	Os05g0281400	OsR498G0510282100.01.T02	Inorganic diphosphatase
maker-5-augustus-gene-119.23-mRNA-1	NA	NA			
maker-5-augustus-gene-12.17-mRNA-1	NA	NA	Os05g0121900	OsR498G0509627800.01.T01	Sugar phosphate/phosphate translocator
maker-5-augustus-gene-12.19-mRNA-1	NA	NA	0	OsR498G0509629200.01.T01	
maker-5-augustus-gene-12.7-mRNA-1	NA	NA	0	OsR498G0509629300.01.T01	HECT domain-containing protein (Fragment)
maker-5-augustus-gene-121.29-mRNA-1	NA	NA			
maker-5-augustus-gene-125.0-mRNA-1	NA	NA	0	OsR498G0100689400.01.T01	Group 4 grass pollen allergen
maker-5-augustus-gene-125.2-mRNA-1	NA	NA	Os05g0287800	OsR498G0510322300.01.T04	Sphingomyelin synthase-like domain
maker-5-augustus-gene-125.7-mRNA-1	NA	NA	0	OsR498G0100689400.01.T01	Transcription regulator
maker-5-augustus-gene-126.0-mRNA-1	NA	NA	Os02g0221300	OsR498G0203236700.01.T04	Eukaryotic initiation factor 4A-7
maker-5-augustus-gene-127.0-mRNA-1	NA	Japonica	Os05g0341100	OsR498G0510560100.01.T01	Neprosin domain-containing protein
maker-5-augustus-gene-127.3-mRNA-1	NA	NA	Os05g0341100		Neprosin domain-containing protein
maker-5-augustus-gene-127.4-mRNA-1	NA	NA	Os05g0341100		Neprosin domain-containing protein
maker-5-augustus-gene-129.19-mRNA-1	NA	NA	Os05g0289400	OsR498G0510328400.01.T01	Crooked neck
maker-5-augustus-gene-129.24-mRNA-1	NA	NA	0	OsR498G0510334000.01.T03	phosphatidylinositol N-acetylglucosaminyltransferase subunit GPI1 isoform
maker-5-augustus-gene-130.23-mRNA-1	NA	NA	0	OsR498G0510334010.01.T09	
maker-5-augustus-gene-131.41-mRNA-1	NA	NA			
maker-5-augustus-gene-131.43-mRNA-1	NA	NA	Os05g0292200	OsR498G0510346900.01.T01	Transcription initiation factor TFIIA large subunit
maker-5-augustus-gene-131.48-mRNA-1	NA	NA	Os05g0291700	OsR498G0510344200.01.T01	Plastid transcriptionally active 16
maker-5-augustus-gene-132.0-mRNA-1	NA	NA	Os05g0292800	OsR498G0510348500.01.T01	High-light-induced protein chloroplastic
maker-5-augustus-gene-132.2-mRNA-1	NA	NA	Os05g0293500	OsR498G0510352000.01.T01	Pectate lyase
maker-5-augustus-gene-133.24-mRNA-1	NA	NA	Os05g0295100	OsR498G0510358500.01.T07	
maker-5-augustus-gene-133.25-mRNA-1	NA	NA	Os05g0295100	OsR498G0510358500.01.T07	digestive organ expansion factor homolog
maker-5-augustus-gene-133.42-mRNA-1	NA	NA	Os05g0294600	OsR498G0510354800.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
maker-5-augustus-gene-133.44-mRNA-1	NA	NA	0	OsR498G0510359400.01.T03	Myosin heavy chain striated muscle
maker-5-augustus-gene-133.49-mRNA-1	NA	NA	0	OsR498G0510360200.01.T02	Acetyl-CoA carboxylase
maker-5-augustus-gene-133.54-mRNA-1	NA	NA	0	OsR498G0510361200.01.T10	CDP-diacylglycerol synthase
maker-5-augustus-gene-134.0-mRNA-1	NA	NA			Lactoylglycathione lyase
maker-5-augustus-gene-134.10-mRNA-1	NA	NA			SHSP domain-containing protein (Fragment)
maker-5-augustus-gene-134.6-mRNA-1	NA	NA	Os05g0295900	OsR498G0510362200.01.T02	RIX1 domain-containing protein
maker-5-augustus-gene-135.41-mRNA-1	NA	NA	Os05g0297900	OsR498G0510371300.01.T01	Signal peptidase I
maker-5-augustus-gene-135.45-mRNA-1	NA	NA	0	OsR498G0510371000.01.T01	NB-ARC domain-containing protein
maker-5-augustus-gene-136.0-mRNA-1	NA	Indica	Os05g0298200	OsR498G0510373100.01.T04	death-associated protein kinase 1-like
maker-5-augustus-gene-136.2-mRNA-1	NA	NA	Os05g0299100		

maker-5-augustus-gene-136.4-mRNA-1	NA	NA		Os05g0299200		Putative Golgi transport protein 1
maker-5-augustus-gene-136.8-mRNA-1	NA	NA		Os05g0299300	OsR498G0510376800.01.T03	WD repeat-containing protein 91
maker-5-augustus-gene-137.0-mRNA-1	NA	NA		Os05g0299500	OsR498G0510378100.01.T04	Solute carrier family 35 member F1
maker-5-augustus-gene-137.5-mRNA-1	NA	NA		Os05g0300700	OsR498G0510384700.01.T03	DDT domain-containing protein (Fragment)
maker-5-augustus-gene-138.0-mRNA-1	NA	NA		Os05g0301500	OsR498G0510392500.01.T05	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
maker-5-augustus-gene-138.19-mRNA-1	NA	NA		Os05g0302300	OsR498G0510395600.01.T01	Lysine-specific demethylase
maker-5-augustus-gene-138.6-mRNA-1	NA	NA		Os05g0301600	OsR498G0510392700.01.T02	Phosphoprotein phosphatase inhibitors
maker-5-augustus-gene-138.9-mRNA-1	NA	NA		Os05g0301700	OsR498G0510393200.01.T03	Cytochrome c1 1 heme protein mitochondrial
maker-5-augustus-gene-139.0-mRNA-1	NA	Indica		Os05g0303000	OsR498G0510400300.01.T01	Chloroplast heat shock protein 70
maker-5-augustus-gene-140.7-mRNA-1	NA	NA		Os05g0304600	OsR498G0510408500.01.T01	Lipoxygenase
maker-5-augustus-gene-141.23-mRNA-1	NA	NA		Os05g0306000	OsR498G0510414800.01.T01	GOLD domain-containing protein
maker-5-augustus-gene-141.9-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0510414500.01.T01	Serine/threonine protein kinase
maker-5-augustus-gene-143.0-mRNA-1	NA	NA		0	OsR498G0510418900.01.T01	Hippocampus abundant transcript 1 protein isoform B
maker-5-augustus-gene-143.4-mRNA-1	NA	Japonica		Os05g0307200	OsR498G0510419200.01.T04	Pentatricopeptide repeat-containing protein isoform A
maker-5-augustus-gene-143.7-mRNA-1	NA	NA		0	OsR498G1119303800.01.T02	Double-stranded RNA-binding protein 8
maker-5-augustus-gene-145.39-mRNA-1	NA	NA		Os05g0310500	OsR498G0510436100.01.T03	Cathepsin B heavy chain like
maker-5-augustus-gene-145.43-mRNA-1	NA	NA		Os05g0310600	OsR498G0510436600.01.T01	LRAT domain-containing protein (Fragment)
maker-5-augustus-gene-146.0-mRNA-1	NA	NA		Os08g0299000	OsR498G0815695900.01.T05	UPF0103/Mediator of ErbB2-driven cell motility (Memo-related)
maker-5-augustus-gene-146.15-mRNA-1	NA	NA		Os05g0311500	OsR498G0510441500.01.T01	LURP1-related protein domain containing protein
maker-5-augustus-gene-146.2-mRNA-1	NA	NA		Os08g0299000	OsR498G0815695900.01.T02	Memo domain-containing protein
maker-5-augustus-gene-146.4-mRNA-1	NA	NA		Os05g0310800	OsR498G0510437100.01.T01	Coatomer subunit delta
maker-5-augustus-gene-147.0-mRNA-1	NA	NA		0	OsR498G0510444600.01.T03	Mediator of RNA polymerase II transcription subunit 33A
maker-5-augustus-gene-152.33-mRNA-1	NA	Japonica		Os05g0318300	OsR498G1119671000.01.T02	RNase III domain-containing protein (Fragment)
maker-5-augustus-gene-154.32-mRNA-1	NA	NA		Os05g0321900	OsR498G0510489900.01.T01	WRKY transcription factor 75
maker-5-augustus-gene-154.34-mRNA-1	NA	NA		Os05g0322900	OsR498G0510491900.01.T01	WRKY-type transcription factor 45-2
maker-5-augustus-gene-154.40-mRNA-1	NA	Indica	Kinase-TM	Os05g0323800	OsR498G0510496300.01.T04	protein ACTIVITY OF BC1 COMPLEX KINASE 3, chloroplastic
maker-5-augustus-gene-155.0-mRNA-1	NA	NA		Os05g0323900	OsR498G0510496500.01.T02	Manganese superoxide dismutase
maker-5-augustus-gene-155.8-mRNA-1	NA	NA		0	OsR498G0510497000.01.T01	N2,N2-dimethylguanosine tRNA methyltransferase
maker-5-augustus-gene-162.17-mRNA-1	NA	NA		0	OsR498G0510534010.01.T01	YTH domain-containing protein
maker-5-augustus-gene-162.19-mRNA-1	NA	NA		Os05g0334400	OsR498G0510534000.01.T01	Heat shock protein DnaJ
maker-5-augustus-gene-163.1-mRNA-1	NA	NA		Os05g0334400	OsR498G0510534000.01.T01	Heat shock protein DnaJ
maker-5-augustus-gene-163.2-mRNA-1	NA	NA		Os05g0334400	OsR498G0510534000.01.T01	Heat shock protein DnaJ
maker-5-augustus-gene-165.35-mRNA-1	NA	Japonica		Os05g0339200	OsR498G0510555700.01.T02	SAM domain-containing protein
maker-5-augustus-gene-166.33-mRNA-1	NA	NA		Os05g0341100		Neprosin domain-containing protein
maker-5-augustus-gene-166.36-mRNA-1	NA	NA		Os05g0341600	OsR498G0510561200.01.T01	Ras-related protein Rab-21
maker-5-augustus-gene-167.32-mRNA-1	NA	NA		Os12g0275500	OsR498G1221283500.01.T01	
maker-5-augustus-gene-168.0-mRNA-1	NA	NA		Os05g0343400	OsR498G0510567700.01.T02	WRKY53-superfamily of TFs having WRKY and zinc finger domains
maker-5-augustus-gene-169.33-mRNA-1	NA	NA		0	OsR498G0510592600.01.T01	NADH dehydrogenase-like complex L
maker-5-augustus-gene-169.36-mRNA-1	NA	Indica		Os05g0348100	OsR498G0510592600.01.T01	NADH dehydrogenase-like complex L
maker-5-augustus-gene-169.40-mRNA-1	NA	Indica		Os05g0348100	OsR498G0510592600.01.T01	NADH dehydrogenase-like complex L
maker-5-augustus-gene-169.44-mRNA-1	NA	Indica		Os05g0348100	OsR498G0510592600.01.T01	NADH dehydrogenase-like complex L
maker-5-augustus-gene-169.48-mRNA-1	NA	Indica		Os05g0348100	OsR498G0510592600.01.T01	NADH dehydrogenase-like complex L
maker-5-augustus-gene-169.52-mRNA-1	NA	Indica		Os05g0348100	OsR498G0510592600.01.T01	NADH dehydrogenase-like complex L
maker-5-augustus-gene-170.53-mRNA-1	NA	NA		Os05g0345400	OsR498G0510584800.01.T02	N-terminal acetyltransferase B complex auxiliary subunit NAA25
maker-5-augustus-gene-171.0-mRNA-1	NA	NA		Os05g0344400	OsR498G0510581000.01.T01	
maker-5-augustus-gene-172.5-mRNA-1	NA	NA		Os02g0513700		HAT dimerisation domain-containing protein-like
maker-5-augustus-gene-172.7-mRNA-1	NA	NA				Putative carboxylic ester hydrolase
maker-5-augustus-gene-174.0-mRNA-1	NA	NA		0	OsR498G0510611100.01.T03	TATA box-binding protein-associated factor RNA polymerase I subunit B
maker-5-augustus-gene-174.10-mRNA-1	NA	Indica	Kinase-TM	Os05g0353500	OsR498G0510613800.01.T01	Protein MALE DISCOVERER 2
maker-5-augustus-gene-174.4-mRNA-1	NA	NA		Os05g0353300	OsR498G0510612700.01.T01	Pentatricopeptide repeat-containing protein chloroplastic
maker-5-augustus-gene-174.8-mRNA-1	NA	NA		Os05g0353400	OsR498G0510613500.01.T04	Importin subunit beta-1 like
maker-5-augustus-gene-175.19-mRNA-1	NA	NA				Anaphase-promoting complex subunit 1
maker-5-augustus-gene-175.24-mRNA-1	NA	NA		Os05g0354400	OsR498G0510618200.01.T02	PMR5 N-terminal domain, PC-Esterase, Protein trichome birefringence-like 2
maker-5-augustus-gene-176.0-mRNA-1	NA	NA		0	OsR498G0510622700.01.T01	Aamy domain-containing protein
maker-5-augustus-gene-176.11-mRNA-1	NA	NA		Os05g0357100	OsR498G0510631900.01.T06	Exonuclease mut-7
maker-5-augustus-gene-176.16-mRNA-1	NA	Indica		Os05g0355300	OsR498G0510624200.01.T01	RING-CH-type domain-containing protein
maker-5-augustus-gene-176.21-mRNA-1	NA	Japonica		Os05g0356700	OsR498G0510629600.01.T01	Trichome birefringence-like 33
maker-5-augustus-gene-176.5-mRNA-1	NA	Indica		Os01g0303800	OsR498G0510625500.01.T01	Usp domain-containing protein (Fragment)
maker-5-augustus-gene-176.7-mRNA-1	NA	NA		0	OsR498G0510627100.01.T02	Lipoxygenase domain-containing protein
maker-5-augustus-gene-176.9-mRNA-1	NA	NA		Os05g0355900	OsR498G0510627700.01.T01	PORR domain-containing protein
maker-5-augustus-gene-177.40-mRNA-1	NA	NA		Os05g0357200	OsR498G0510632500.01.T01	Nicotinamide adenine dinucleotide transporter like

maker-5-augustus-gene-177.46-mRNA-1	NA	NA		0	OsR498G0510635500.01.T01	Auxin-induced protein 5NG4
maker-5-augustus-gene-177.47-mRNA-1	NA	NA				EamA domain-containing protein
maker-5-augustus-gene-177.50-mRNA-1	NA	NA		Os05g0357600	OsR498G0510636300.01.T01	developmentally-regulated G-protein 2-like
maker-5-augustus-gene-177.56-mRNA-1	NA	NA		0	OsR498G0510636700.01.T01	CAAX prenyl protease 2
maker-5-augustus-gene-177.63-mRNA-1	NA	NA		Os05g0358400	OsR498G0510639100.01.T01	Butirosin biosynthesis
maker-5-augustus-gene-177.67-mRNA-1	NA	Indica		Os01g0303800	OsR498G0510635800.01.T01	Usp domain-containing protein
maker-5-augustus-gene-177.72-mRNA-1	NA	NA		Os05g0357800	OsR498G0510637000.01.T04	Lysophospholipid acyltransferase LPEAT1
maker-5-augustus-gene-177.74-mRNA-1	NA	Indica		Os05g0358000	OsR498G0510637400.01.T05	Protein DEHYDRATION-INDUCED 19 homolog 2
maker-5-augustus-gene-177.79-mRNA-1	NA	NA		0	OsR498G0510638400.01.T05	DNA primase small subunit
maker-5-augustus-gene-177.84-mRNA-1	NA	NA	TIR	Os05g0358500	OsR498G0510639400.01.T04	PPM-type phosphatase domain-containing protein
maker-5-augustus-gene-179.35-mRNA-1	NA	NA		Os05g0361200	OsR498G0510654700.01.T05	Ferrochelatase
maker-5-augustus-gene-180.38-mRNA-1	NA	NA		Os05g0361700	OsR498G0510657700.01.T01	EREBP transcription factor
maker-5-augustus-gene-185.0-mRNA-1	NA	Indica		Os05g0366600	OsR498G0510678900.01.T01	Non-cyanogenic beta-glucosidase
maker-5-augustus-gene-185.12-mRNA-1	NA	NA		Os05g0367400	OsR498G0510680800.01.T01	Thiamine pyrophosphokinase
maker-5-augustus-gene-185.15-mRNA-1	NA	NA		Os05g0367800	OsR498G0510681800.01.T01	Luminal-binding protein 3-like
maker-5-augustus-gene-185.2-mRNA-1	NA	NA		0	OsR498G0510682500.01.T01	
maker-5-augustus-gene-185.4-mRNA-1	NA	NA		Os05g0366900	OsR498G0510679400.01.T03	
maker-5-augustus-gene-185.7-mRNA-1	NA	NA		Os05g0367100	OsR498G0510680000.01.T01	Nucleolar protein 16
maker-5-augustus-gene-185.9-mRNA-1	NA	Indica		Os05g0367200	OsR498G0510680400.01.T01	
maker-5-augustus-gene-186.0-mRNA-1	NA	NA		Os05g0368300	OsR498G0510685100.01.T01	S4 RNA-binding domain-containing protein (Fragment)
maker-5-augustus-gene-186.3-mRNA-1	NA	NA		Os05g0368600	OsR498G0510686600.01.T01	HMA domain-containing protein
maker-5-augustus-gene-186.5-mRNA-1	NA	Indica	CC-NBS-TM	Os10g0568600	OsR498G0510687800.01.T01	Putative stripe rust resistance protein Yr10
maker-5-augustus-gene-187.0-mRNA-1	NA	NA		Os05g0369900		Exocyst subunit Exo70 family protein (Fragment)
maker-5-augustus-gene-19.2-mRNA-1	NA	NA		Os08g0448900		ATP-dependent DNA helicase
maker-5-augustus-gene-191.44-mRNA-1	NA	NA		Os05g0375600	OsR498G0510713900.01.T01	PCRF domain-containing protein (Fragment)
maker-5-augustus-gene-191.64-mRNA-1	NA	NA		Os05g0376600	OsR498G0510716400.01.T01	Mediator of DNA damage checkpoint protein 1
maker-5-augustus-gene-191.72-mRNA-1	NA	NA		Os05g0376800	OsR498G0510716800.01.T01	Gibberellin induced protein (Fragment)
maker-5-augustus-gene-192.6-mRNA-1	NA	NA		Os05g0378900	OsR498G0510725200.01.T01	Conserved oligomeric Golgi complex subunit 5
maker-5-augustus-gene-193.0-mRNA-1	NA	NA	NBS-TM	Os05g0379500	OsR498G0510726700.01.T05	Powdery mildew resistance protein PM3 variant
maker-5-augustus-gene-193.3-mRNA-1	NA	NA	NBS-TM	Os05g0380300	OsR498G0510726700.01.T05	Powdery mildew resistance protein PM3 variant
maker-5-augustus-gene-193.5-mRNA-1	NA	NA		0	OsR498G0510234300.01.T01	GRF zinc finger family protein, expressed
maker-5-augustus-gene-194.0-mRNA-1	NA	Indica		Os05g0381500	OsR498G0510734900.01.T02	Atherin
maker-5-augustus-gene-194.10-mRNA-1	NA	Indica		Os05g0382200	OsR498G0510738600.01.T01	Cation/H ⁺ antiporter 20
maker-5-augustus-gene-194.5-mRNA-1	NA	NA				probable ADP-ribosylation factor GTPase-activating protein AGD11
maker-5-augustus-gene-2.0-mRNA-1	NA	NA				RING-type E3 ubiquitin transferase
maker-5-augustus-gene-2.11-mRNA-1	NA	NA		0	OsR498G0509566100.01.T01	Formin-like protein 14
maker-5-augustus-gene-2.13-mRNA-1	NA	NA	LRR-TM	Os05g0104100	OsR498G0509566500.01.T01	Vacuolar sorting protein 39/Transforming growth factor beta receptor-asso
maker-5-augustus-gene-2.18-mRNA-1	NA	NA		Os05g0102800	OsR498G0509563400.01.T06	Putative RNA recognition motif 2, nucleotide-binding alpha-beta plait doma
maker-5-augustus-gene-2.3-mRNA-1	NA	Indica		Os05g0102900	OsR498G0509563700.01.T02	Vacuolar protein sorting-associated protein 32 like 2
maker-5-augustus-gene-2.30-mRNA-1	NA	NA		Os05g0103000	OsR498G0509564000.01.T04	BHLH transcription factor Upa20
maker-5-augustus-gene-2.35-mRNA-1	NA	Japonica		Os05g0103100	OsR498G0509564200.01.T02	Translocon-associated protein subunit beta like
maker-5-augustus-gene-2.38-mRNA-1	NA	NA		Os05g0103600	OsR498G0509565600.01.T01	ankyrin repeat and death domain-containing protein 1B isoform X1
maker-5-augustus-gene-2.42-mRNA-1	NA	Indica		Os05g0103700	OsR498G0100040000.01.T01	
maker-5-augustus-gene-2.50-mRNA-1	NA	Japonica		Os05g0103800	OsR498G0509566000.01.T01	Cytochrome c oxidase assembly factor like
maker-5-augustus-gene-20.13-mRNA-1	NA	NA		Os05g0135200	OsR498G0509685100.01.T01	Peroxidase
maker-5-augustus-gene-20.15-mRNA-1	NA	Indica		Os01g0327100	OsR498G0509686100.01.T01	Peroxidase
maker-5-augustus-gene-20.17-mRNA-1	NA	NA		Os05g0135500	OsR498G0509686700.01.T01	Peroxidase
maker-5-augustus-gene-20.28-mRNA-1	NA	Japonica	Kinase-TM	Os05g0135100	OsR498G0509684800.01.T02	Wall-associated receptor kinase 3
maker-5-augustus-gene-20.5-mRNA-1	NA	Indica		Os05g0134400	OsR498G0509681700.01.T01	Peroxidase
maker-5-augustus-gene-204.16-mRNA-1	NA	NA		0	OsR498G0510795500.01.T07	1-(5-phosphoribosyl)-5-[(5-phosphoribosylamino)methylideneamino] imidaz
maker-5-augustus-gene-204.20-mRNA-1	NA	NA		0	OsR498G0510795700.01.T01	Gdsl esterasellipase
maker-5-augustus-gene-205.0-mRNA-1	NA	NA				Putative alpha-ketoglutarate-dependent dioxygenase ABH5 (Fragment)
maker-5-augustus-gene-207.0-mRNA-1	NA	NA		Os06g0100266	OsR498G0409500700.01.T03	zf-LSD1 domain-containing protein
maker-5-augustus-gene-208.6-mRNA-1	NA	Indica		Os05g0406000	OsR498G0510810100.01.T01	Receptor-like cytosolic serine/threonine-protein kinase RBK2
maker-5-augustus-gene-209.2-mRNA-1	NA	NA		Os05g0406100	OsR498G0510810400.01.T03	Putative inosine-uridine preferring nucleoside hydrolase
maker-5-augustus-gene-209.8-mRNA-1	NA	NA		Os05g0406200	OsR498G0510811600.01.T01	Inosine/uridine-preferring nucleoside hydrolase
maker-5-augustus-gene-21.35-mRNA-1	NA	NA		Os05g0136900	OsR498G0509694300.01.T01	Acyl transferase 4
maker-5-augustus-gene-21.37-mRNA-1	NA	NA		0	OsR498G0509696100.01.T03	ABC transporter B family member 4
maker-5-augustus-gene-21.44-mRNA-1	NA	NA		Os05g0137300	OsR498G0509696300.01.T01	Soluble diacylglycerol acyltransferase
maker-5-augustus-gene-21.46-mRNA-1	NA	NA		Os05g0137400		Retrotransposon protein SINE subclass
maker-5-augustus-gene-21.55-mRNA-1	NA	NA		0	OsR498G0509696800.01.T01	WRKY transcription factor 5

maker-5-augustus-gene-212.34-mRNA-1	NA	Indica		Os05g0410900	OsR498G0510828700.01.T01	Putative proton-dependent oligopeptide transporter (POT)
maker-5-augustus-gene-212.42-mRNA-1	NA	Indica		Os05g0411200	OsR498G0510829000.01.T03	Putative endonuclease or glycosyl hydrolase
maker-5-augustus-gene-212.53-mRNA-1	NA	NA				
maker-5-augustus-gene-214.30-mRNA-1	NA	NA		0	OsR498G0510844100.01.T01	Glutathione gamma-glutamylcysteinyltransferase
maker-5-augustus-gene-214.43-mRNA-1	NA	NA		Os05g0415400	OsR498G0510844400.01.T01	Secondary wall NAC master switch
maker-5-augustus-gene-215.30-mRNA-1	NA	NA		Os05g0417100	OsR498G0510849900.01.T01	Serine protease
maker-5-augustus-gene-216.28-mRNA-1	NA	NA		Os05g0418000	OsR498G0510853700.01.T01	Guanosine nucleotide diphosphate dissociation inhibitor
maker-5-augustus-gene-216.35-mRNA-1	NA	NA		Os05g0419100	OsR498G0510857700.01.T01	PHD finger protein ALFIN-LIKE 5
maker-5-augustus-gene-216.40-mRNA-1	NA	Indica		Os05g0418100	OsR498G0510854000.01.T02	
maker-5-augustus-gene-216.46-mRNA-1	NA	NA		Os05g0418800	OsR498G0510856200.01.T01	NAC transcription factor
maker-5-augustus-gene-216.48-mRNA-1	NA	NA		Os05g0419000	OsR498G0510857400.01.T01	Pheophytinase, chloroplastic
maker-5-augustus-gene-216.51-mRNA-1	NA	Indica		Os05g0419200	OsR498G0510858000.01.T01	Protein root UVB sensitive 6
maker-5-augustus-gene-216.56-mRNA-1	NA	NA		Os05g0419500	OsR498G0510859800.01.T02	RNA-binding KH domain-containing protein isoform 1
maker-5-augustus-gene-217.14-mRNA-1	NA	NA		0	OsR498G0510865100.01.T01	Zinc ion binding
maker-5-augustus-gene-22.2-mRNA-1	NA	NA				
maker-5-augustus-gene-22.4-mRNA-1	NA	Indica		Os05g0139100	OsR498G0509702300.01.T01	Phytochrome interacting factor 3
maker-5-augustus-gene-222.39-mRNA-1	NA	Indica		Os05g0430200	OsR498G0510897900.01.T01	dNK domain-containing protein (Fragment)
maker-5-augustus-gene-222.42-mRNA-1	NA	NA				DUF668 domain-containing protein
maker-5-augustus-gene-222.48-mRNA-1	NA	NA		Os05g0431001		GLTSCR1 domain-containing protein
maker-5-augustus-gene-222.51-mRNA-1	NA	NA		Os05g0429900	OsR498G0510897600.01.T01	Transcription repressor MYB4
maker-5-augustus-gene-222.53-mRNA-1	NA	NA		Os05g0430400	OsR498G0510898600.01.T01	DAR GTPase 3, chloroplastic
maker-5-augustus-gene-222.58-mRNA-1	NA	NA		Os05g0430700	OsR498G0510898800.01.T01	Probable magnesium transporter
maker-5-augustus-gene-222.63-mRNA-1	NA	NA		Os05g0430900	OsR498G0510899400.01.T01	Peptide transporter PTR1
maker-5-augustus-gene-222.65-mRNA-1	NA	NA		0	OsR498G0510901600.01.T02	
maker-5-augustus-gene-223.48-mRNA-1	NA	NA		Os05g0432200	OsR498G0510902100.01.T01	Gibberellin-regulated protein 3-like
maker-5-augustus-gene-223.50-mRNA-1	NA	NA		Os05g0432400	OsR498G0510902300.01.T06	Transmembrane protein 18
maker-5-augustus-gene-223.53-mRNA-1	NA	NA		Os05g0432500	OsR498G0510902500.01.T01	Transmembrane protein 18
maker-5-augustus-gene-223.56-mRNA-1	NA	NA		Os05g0433400	OsR498G0510904500.01.T01	Putative DNA-directed RNA polymerase subunit beta-like
maker-5-augustus-gene-223.57-mRNA-1	NA	Indica		Os05g0433100	OsR498G0510905100.01.T01	
maker-5-augustus-gene-223.58-mRNA-1	NA	NA		Os05g0433100	OsR498G0510905700.01.T01	
maker-5-augustus-gene-223.68-mRNA-1	NA	Indica		Os05g0431700	OsR498G0510901800.01.T04	Proton-dependent oligopeptide transporter
maker-5-augustus-gene-223.69-mRNA-1	NA	NA		Os05g0432600	OsR498G0510902800.01.T01	Embryogenesis-associated protein EMB8-like
maker-5-augustus-gene-223.74-mRNA-1	NA	Indica		Os05g0432700	OsR498G0510903000.01.T01	Inhibitor I9 domain-containing protein
maker-5-augustus-gene-224.45-mRNA-1	NA	Indica		Os05g0434200	OsR498G0510909100.01.T01	
maker-5-augustus-gene-224.49-mRNA-1	NA	NA		Os05g0435100		
maker-5-augustus-gene-224.52-mRNA-1	NA	Japonica		Os05g0435300	OsR498G0510910900.01.T01	
maker-5-augustus-gene-224.54-mRNA-1	NA	NA		Os05g0435700	OsR498G0510912100.01.T01	(3R)-hydroxymyristoyl-[acyl-carrier-protein] dehydratase
maker-5-augustus-gene-224.57-mRNA-1	NA	NA	Kinase-TM	Os05g0436100	OsR498G0510914400.01.T01	probable serine/threonine-protein kinase At1g01540
maker-5-augustus-gene-225.52-mRNA-1	NA	NA		Os05g0436900	OsR498G0510915900.01.T01	S-acyltransferase
maker-5-augustus-gene-225.56-mRNA-1	NA	NA		Os05g0437200	OsR498G0510917500.01.T03	Membrane protein COV-like
maker-5-augustus-gene-225.61-mRNA-1	NA	Indica		Os05g0437700	OsR498G0510918900.01.T02	G-box-binding factor 4
maker-5-augustus-gene-225.64-mRNA-1	NA	NA		Os05g0437300	OsR498G0510917800.01.T04	Polypyrimidine tract-binding protein 2
maker-5-augustus-gene-225.71-mRNA-1	NA	NA		Os05g0437500	OsR498G0510918800.01.T01	
maker-5-augustus-gene-225.73-mRNA-1	NA	NA		Os05g0437900	OsR498G0510920600.01.T01	Tubby-like F-box protein 8
maker-5-augustus-gene-226.56-mRNA-1	NA	NA		Os05g0438500	OsR498G0510922900.01.T01	Soluble inorganic pyrophosphatase
maker-5-augustus-gene-226.59-mRNA-1	NA	Indica		Os06g0669150	OsR498G0510924300.01.T02	
maker-5-augustus-gene-226.62-mRNA-1	NA	NA		Os05g0439200		
maker-5-augustus-gene-226.63-mRNA-1	NA	NA		Os09g0120033	OsR498G0510922000.01.T01	
maker-5-augustus-gene-226.65-mRNA-1	NA	Indica		Os01g0866400	OsR498G0510923200.01.T01	D-fructose-1,6-bisphosphate 1-phosphohydrolase
maker-5-augustus-gene-226.73-mRNA-1	NA	NA		Os05g0438800	OsR498G0510924000.01.T03	Actin
maker-5-augustus-gene-23.30-mRNA-1	NA	NA		Os05g0140100	OsR498G0509709100.01.T03	MYB18 transcription factor
maker-5-augustus-gene-230.0-mRNA-1	NA	NA		Os04g0354200		MULE domain-containing protein (Fragment)
maker-5-augustus-gene-230.27-mRNA-1	NA	NA		Os11g0307600	OsR498G1119899800.01.T01	Protein kinase domain-containing protein
maker-5-augustus-gene-242.0-mRNA-1	NA	NA		Os05g0471800		Far-red impaired response protein-like
maker-5-augustus-gene-242.11-mRNA-1	NA	NA		Os02g0517900	OsR498G0203939000.01.T03	
maker-5-augustus-gene-243.54-mRNA-1	NA	NA		Os05g0472700	OsR498G0511026900.01.T01	Metal ion transporter ZIP8
maker-5-augustus-gene-246.42-mRNA-1	NA	NA		Os06g0607300		Transposable element protein, putative
maker-5-augustus-gene-246.46-mRNA-1	NA	NA		0	OsR498G0203341500.01.T01	
maker-5-augustus-gene-247.0-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0511051300.01.T01	Serine/threonine-protein kinase STN8 chloroplastic
maker-5-augustus-gene-247.14-mRNA-1	NA	NA	Kinase-LRR-TM	Os05g0481100	OsR498G0511055300.01.T09	Putative LRR receptor-like serine/threonine-protein kinase-like
maker-5-augustus-gene-247.22-mRNA-1	NA	NA		Os05g0481600	OsR498G0511057300.01.T02	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1

maker-5-augustus-gene-247.27-mRNA-1	NA	NA		Os05g0480200	OsR498G0511051600.01.T02	Thioredoxin h-type
maker-5-augustus-gene-247.29-mRNA-1	NA	NA	Kinase-LRR-TM	Os05g0480400	OsR498G0511051800.01.T01	Putative inactive receptor kinase
maker-5-augustus-gene-247.3-mRNA-1	NA	NA		Os05g0480700	OsR498G0511053100.01.T01	Vacuolar ATP synthase subunit E
maker-5-augustus-gene-247.31-mRNA-1	NA	NA		Os05g0480600	OsR498G0511052800.01.T02	Proline-rich family protein
maker-5-augustus-gene-247.33-mRNA-1	NA	NA		Os05g0481400	OsR498G0511055600.01.T01	TF-B3 domain-containing protein
maker-5-augustus-gene-247.44-mRNA-1	NA	NA		0	OsR498G0511057600.01.T01	Heat-inducible transcription repressor
maker-5-augustus-gene-247.5-mRNA-1	NA	NA		Os05g0480800	OsR498G0511053500.01.T01	
maker-5-augustus-gene-247.7-mRNA-1	NA	Indica		Os05g0480800	OsR498G0511054300.01.T01	N-acetyltransferase domain-containing protein
maker-5-augustus-gene-247.9-mRNA-1	NA	NA		Os05g0481000	OsR498G0511054500.01.T01	Acetyltransferase NSI
maker-5-augustus-gene-248.59-mRNA-1	NA	NA		Os05g0482700	OsR498G0511061800.01.T03	2,3-bisphosphoglycerate-independent phosphoglycerate mutase
maker-5-augustus-gene-249.7-mRNA-1	NA	NA		Os05g0484800	OsR498G0511068200.01.T01	Epstein-Barr virus EBNA-1-like
maker-5-augustus-gene-249.8-mRNA-1	NA	NA		0	OsR498G0511070800.01.T01	Far-red impaired response protein-like
maker-5-augustus-gene-25.50-mRNA-1	NA	NA		Os05g0144400	OsR498G0509723500.01.T01	Serine/threonine-protein phosphatase
maker-5-augustus-gene-25.55-mRNA-1	NA	Indica		Os02g0143100	OsR498G0509724700.01.T06	Sucrose-phosphate phosphatase
maker-5-augustus-gene-25.80-mRNA-1	NA	NA		Os05g0144800	OsR498G0509724600.01.T02	General transcription and DNA repair factor IIH helicase subunit XPD
maker-5-augustus-gene-250.6-mRNA-1	NA	NA	Kinase-LRR-TM	Os05g0486100	OsR498G0511075400.01.T01	Putative leucine-rich repeat receptor-like protein kinase
maker-5-augustus-gene-251.22-mRNA-1	NA	NA		Os03g0648250	OsR498G0409474500.01.T01	GRF-type domain-containing protein
maker-5-augustus-gene-258.28-mRNA-1	NA	NA		Os05g0503000	OsR498G0511123000.01.T01	Secretory carrier-associated membrane protein 3
maker-5-augustus-gene-26.10-mRNA-1	NA	NA		Os05g0145700	OsR498G0509726600.01.T04	PDZ domain-containing protein
maker-5-augustus-gene-26.14-mRNA-1	NA	NA		Os05g0146100	OsR498G0509727800.01.T02	PDZ domain-containing protein
maker-5-augustus-gene-26.2-mRNA-1	NA	NA		Os05g0145400	OsR498G0509726000.01.T02	Fibronectin type-III domain-containing protein (Fragment)
maker-5-augustus-gene-26.4-mRNA-1	NA	NA		Os05g0145600	OsR498G0509726400.01.T04	Pentatricopeptide repeat-containing protein mitochondrial
maker-5-augustus-gene-263.59-mRNA-1	NA	NA		0	OsR498G0102010300.01.T01	Protein kinase domain-containing protein
maker-5-augustus-gene-266.16-mRNA-1	NA	Indica		Os05g0514400	OsR498G0511176800.01.T01	
maker-5-augustus-gene-27.54-mRNA-1	NA	NA		Os05g0148700	OsR498G0509736700.01.T01	Senescence-associated family protein
maker-5-augustus-gene-27.63-mRNA-1	NA	NA		Os05g0147100	OsR498G0509732400.01.T02	BRCT domain-containing protein
maker-5-augustus-gene-27.77-mRNA-1	NA	Japonica		Os05g0148200	OsR498G0509735400.01.T04	
maker-5-augustus-gene-27.80-mRNA-1	NA	NA		Os05g0148500		Coiled-coil domain-containing protein SCD2
maker-5-augustus-gene-27.85-mRNA-1	NA	NA		Os05g0148600	OsR498G0509736600.01.T01	Sodium-hydrogen exchanger 3
maker-5-augustus-gene-271.9-mRNA-1	NA	NA		Os05g0523100		
maker-5-augustus-gene-273.18-mRNA-1	NA	NA		0	OsR498G0511222600.01.T01	Glandular trichome-specific WRKY 1
maker-5-augustus-gene-273.20-mRNA-1	NA	NA		0	OsR498G0511223000.01.T01	Flavin-containing monooxygenase
maker-5-augustus-gene-274.0-mRNA-1	NA	NA		Os05g0528900	OsR498G0511224500.01.T01	Ribosomal protein L9
maker-5-augustus-gene-274.10-mRNA-1	NA	NA		Os05g0530400	OsR498G0511231300.01.T01	Spotted leaf 7 (Fragment)
maker-5-augustus-gene-274.12-mRNA-1	NA	NA				
maker-5-augustus-gene-274.13-mRNA-1	NA	NA		Os05g0531200	OsR498G0511234900.01.T01	Non-classical arabinogalactan protein 31
maker-5-augustus-gene-274.15-mRNA-1	NA	NA		Os05g0529000	OsR498G0511224800.01.T01	CONTINUOUS VASCULAR RING
maker-5-augustus-gene-274.19-mRNA-1	NA	NA		Os05g0529200	OsR498G0511225400.01.T02	Enoyl-CoA delta isomerase 1, peroxisomal like
maker-5-augustus-gene-274.20-mRNA-1	NA	NA		Os05g0529300	OsR498G0511225600.01.T01	ER lumen protein-retaining receptor A
maker-5-augustus-gene-274.24-mRNA-1	NA	NA		Os05g0529700	OsR498G0511228200.01.T06	J domain-containing protein
maker-5-augustus-gene-274.29-mRNA-1	NA	NA		Os05g0529900	OsR498G0511229400.01.T01	ALA-interacting subunit
maker-5-augustus-gene-274.32-mRNA-1	NA	Indica		Os01g0729900	OsR498G0511230600.01.T03	
maker-5-augustus-gene-274.36-mRNA-1	NA	NA	Kinase-TM	Os05g0530500	OsR498G0511231600.01.T04	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-274.4-mRNA-1	NA	NA		Os05g0529400	OsR498G0511225700.01.T01	UBD domain-containing protein (Fragment)
maker-5-augustus-gene-274.7-mRNA-1	NA	Japonica		Os05g0529600	OsR498G0511227100.01.T01	DNA polymerase III subunit gamma/tau
maker-5-augustus-gene-275.44-mRNA-1	NA	Indica		Os05g0531400	OsR498G0511235500.01.T02	Non-classical arabinogalactan protein 31
maker-5-augustus-gene-275.46-mRNA-1	NA	NA		Os05g0531500	OsR498G0511236100.01.T02	Inner membrane protein oxaA
maker-5-augustus-gene-275.53-mRNA-1	NA	Indica		Os05g0533100	OsR498G0511241500.01.T01	RGF repeats nuclear RNA binding protein A
maker-5-augustus-gene-275.59-mRNA-1	NA	Indica		Os05g0535200	OsR498G0511239000.01.T01	FBD domain-containing protein
maker-5-augustus-gene-275.64-mRNA-1	NA	Indica		Os01g0722700	OsR498G0511239800.01.T01	Phosphotransferase
maker-5-augustus-gene-276.0-mRNA-1	NA	Indica		Os05g0533600	OsR498G0511243300.01.T02	Starch synthase, chloroplastic/amyloplastic
maker-5-augustus-gene-276.14-mRNA-1	NA	Indica		Os05g0534100	OsR498G0511244300.01.T01	Putative membrane protein YuiD isoform A
maker-5-augustus-gene-276.18-mRNA-1	NA	NA		Os05g0534400	OsR498G0511244900.01.T01	Calcineurin B-like protein 4
maker-5-augustus-gene-276.21-mRNA-1	NA	NA		Os05g0534800	OsR498G0511245900.01.T03	probable ADP-ribosylation factor GTPase-activating protein AGD14
maker-5-augustus-gene-276.28-mRNA-1	NA	NA		Os05g0534500	OsR498G0511245200.01.T02	HMA domain-containing protein
maker-5-augustus-gene-276.31-mRNA-1	NA	NA		Os05g0534600	OsR498G0511245800.01.T03	Btz domain-containing protein (Fragment)
maker-5-augustus-gene-276.34-mRNA-1	NA	NA		Os05g0535100	OsR498G0511247200.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-5-augustus-gene-276.5-mRNA-1	NA	Indica		Os05g0533700	OsR498G0511243500.01.T01	NADH dehydrogenase2
maker-5-augustus-gene-276.7-mRNA-1	NA	NA		Os05g0533800	OsR498G0511243700.01.T03	Hydrogen-transporting ATP synthase, rotational mechanism
maker-5-augustus-gene-276.9-mRNA-1	NA	Indica		Os05g0533900	OsR498G0511243900.01.T01	ATP-dependent Clp protease ATP-binding subunit ClpX
maker-5-augustus-gene-277.31-mRNA-1	NA	NA		0	OsR498G0511247300.01.T01	FBD domain-containing protein

maker-5-augustus-gene-277.39-mRNA-1	NA	NA		Os05g0535400	OsR498G0511247700.01.T03	Choline/ethanolamine kinase
maker-5-augustus-gene-277.50-mRNA-1	NA	NA		Os05g0535800	OsR498G0511249100.01.T02	30S ribosomal protein S A
maker-5-augustus-gene-277.53-mRNA-1	NA	NA		Os05g0535900	OsR498G0511249700.01.T01	Mitochondrial outer membrane porin
maker-5-augustus-gene-277.56-mRNA-1	NA	NA		Os05g0536200	OsR498G0511250300.01.T01	Mitochondrial outer membrane protein porin of
maker-5-augustus-gene-277.60-mRNA-1	NA	NA		0	OsR498G0511251300.01.T02	
maker-5-augustus-gene-277.62-mRNA-1	NA	NA		Os05g0536900	OsR498G0511252100.01.T03	Vacuolar biogenesis protein
maker-5-augustus-gene-277.67-mRNA-1	NA	NA		Os05g0535600	OsR498G0511248400.01.T03	'putative inositol-1,4,5-trisphosphate phosphatase'
maker-5-augustus-gene-277.74-mRNA-1	NA	NA		0	OsR498G0511248800.01.T01	
maker-5-augustus-gene-277.77-mRNA-1	NA	NA				Ethylene-responsive transcription factor WRI1
maker-5-augustus-gene-277.79-mRNA-1	NA	NA		0	OsR498G0511251000.01.T01	Aldedh domain-containing protein
maker-5-augustus-gene-278.0-mRNA-1	NA	Indica		Os01g0714800	OsR498G0511253300.01.T01	WRKY transcription factor
maker-5-augustus-gene-278.16-mRNA-1	NA	Japonica		Os05g0537300	OsR498G0101879400.01.T03	Myosin family protein with Dil domain
maker-5-augustus-gene-278.18-mRNA-1	NA	NA		Os05g0537400	OsR498G0511254000.01.T02	Protein-serine/threonine phosphatase
maker-5-augustus-gene-278.2-mRNA-1	NA	NA		0	OsR498G0511253700.01.T04	Myosin-J heavy chain
maker-5-augustus-gene-278.21-mRNA-1	NA	Indica		Os09g0499600	OsR498G0511257000.01.T01	BED-type domain-containing protein
maker-5-augustus-gene-278.23-mRNA-1	NA	Indica		Os09g0500100	OsR498G0511257600.01.T01	FBD domain-containing protein
maker-5-augustus-gene-278.27-mRNA-1	NA	NA		0	OsR498G0511258000.01.T01	Pathogenesis-related protein 5
maker-5-augustus-gene-278.29-mRNA-1	NA	Japonica		Os05g0538900	OsR498G0917754400.01.T03	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12
maker-5-augustus-gene-279.42-mRNA-1	NA	NA		Os05g0539500	OsR498G0511263100.01.T01	Alpha/beta-Hydrolases superfamily protein
maker-5-augustus-gene-279.47-mRNA-1	NA	NA		0	OsR498G0511263500.01.T01	probable ADP,ATP carrier protein At5g56450
maker-5-augustus-gene-279.49-mRNA-1	NA	Indica		Os05g0539900	OsR498G0511264700.01.T04	Protein conserved in the green lineage and diatoms 27, chloroplastic
maker-5-augustus-gene-279.53-mRNA-1	NA	NA		Os05g0540000	OsR498G0511263100.01.T01	Glycosyltransferase family protein 64 protein C5
maker-5-augustus-gene-279.56-mRNA-1	NA	NA		Os05g0540200	OsR498G0511265300.01.T01	Prenylated rab acceptor PRA1
maker-5-augustus-gene-279.58-mRNA-1	NA	NA		Os05g0540800	OsR498G0511266300.01.T07	SANT domain-containing protein (Fragment)
maker-5-augustus-gene-279.66-mRNA-1	NA	NA		Os05g0541100	OsR498G0511267100.01.T01	IQ-domain 6
maker-5-augustus-gene-279.69-mRNA-1	NA	NA		Os05g0541200	OsR498G0511267500.01.T02	Cytokinin riboside 5'-monophosphate phosphoribohydrolase
maker-5-augustus-gene-279.74-mRNA-1	NA	NA		Os05g0539400	OsR498G0511263000.01.T04	Beta-galactosidase
maker-5-augustus-gene-279.87-mRNA-1	NA	NA		Os05g0539800	OsR498G0511264400.01.T04	Reversion-to-ethylene sensitivity1 like3
maker-5-augustus-gene-279.89-mRNA-1	NA	NA		0	OsR498G0511264400.01.T07	
maker-5-augustus-gene-279.98-mRNA-1	NA	NA		Os05g0540300	OsR498G0511265600.01.T01	Chaperonin GroEL
maker-5-augustus-gene-28.31-mRNA-1	NA	NA		Os05g0149400	OsR498G0509738700.01.T01	1-aminocyclopropane-1-carboxylic acid oxidase
maker-5-augustus-gene-280.15-mRNA-1	NA	NA		Os05g0542900	OsR498G0511272500.01.T01	Polygalacturonase, putative, expressed
maker-5-augustus-gene-280.19-mRNA-1	NA	NA		Os05g0543000	OsR498G0511272700.01.T01	PMEI domain-containing protein
maker-5-augustus-gene-280.21-mRNA-1	NA	NA		Os05g0543300	OsR498G0511273300.01.T01	Protein ANTHESIS POMOTING FACTOR 1 isoform A
maker-5-augustus-gene-280.29-mRNA-1	NA	NA		Os05g0542200	OsR498G0511270800.01.T05	AB hydrolase-1 domain-containing protein
maker-5-augustus-gene-280.35-mRNA-1	NA	NA		Os05g0543100	OsR498G0511273000.01.T01	MHD domain-containing protein
maker-5-augustus-gene-280.40-mRNA-1	NA	NA		Os05g0543400	OsR498G0511273600.01.T01	Farnesyl pyrophosphate synthase mRNA
maker-5-augustus-gene-280.6-mRNA-1	NA	NA		Os05g0542600	OsR498G0511272100.01.T03	Lys-63-specific deubiquitinase
maker-5-augustus-gene-281.0-mRNA-1	NA	NA		Os05g0543600	OsR498G0511275900.01.T01	Leucine-rich repeat and WD repeat-containing protein 1 (Fragment)
maker-5-augustus-gene-281.14-mRNA-1	NA	NA		Os05g0543800	OsR498G0511276400.01.T01	J domain-containing protein
maker-5-augustus-gene-281.2-mRNA-1	NA	NA		Os05g0545000	OsR498G0511280900.01.T06	CRAL-TRIO domain-containing protein
maker-5-augustus-gene-281.21-mRNA-1	NA	Indica		Os01g0700200	OsR498G0511281600.01.T02	Brevis radix-like domain-containing protein
maker-5-augustus-gene-281.24-mRNA-1	NA	NA	Kinase-TM	Os05g0545300	OsR498G0511282400.01.T01	Mitogen-activated protein kinase kinase kinase YODA
maker-5-augustus-gene-281.8-mRNA-1	NA	NA		Os05g0543700	OsR498G0511276200.01.T01	J domain-containing protein
maker-5-augustus-gene-282.52-mRNA-1	NA	Indica		Os05g0545500	OsR498G0511284300.01.T01	FHA domain-containing protein DDL
maker-5-augustus-gene-282.62-mRNA-1	NA	NA		Os07g0513300	OsR498G0100612800.01.T01	PMD domain-containing protein (Fragment)
maker-5-augustus-gene-283.11-mRNA-1	NA	NA		0	OsR498G0511288600.01.T01	
maker-5-augustus-gene-283.12-mRNA-1	NA	Japonica		Os05g0548700	OsR498G0510529200.01.T01	
maker-5-augustus-gene-283.17-mRNA-1	NA	NA		0	OsR498G0511288800.01.T02	Acid phosphatase/vanadium-dependent haloperoxidase related
maker-5-augustus-gene-283.20-mRNA-1	NA	Indica		Os01g0695100	OsR498G0511289000.01.T03	Phosphoethanolamine N-methyltransferase 3
maker-5-augustus-gene-283.30-mRNA-1	NA	NA		Os05g0549000	OsR498G0511289200.01.T02	ENTH domain-containing protein
maker-5-augustus-gene-283.37-mRNA-1	NA	NA	Kinase-TM	Os05g0549100	OsR498G0511289600.01.T01	Serine/threonine-protein kinase SNT7
maker-5-augustus-gene-283.4-mRNA-1	NA	NA		0	OsR498G0511287900.01.T01	ABC transporter B family member 9
maker-5-augustus-gene-283.6-mRNA-1	NA	Indica		Os01g0693900	OsR498G0511291100.01.T01	Peptidyl-tRNA hydrolase, mitochondrial
maker-5-augustus-gene-284.25-mRNA-1	NA	Indica		Os01g0692700	OsR498G0511293700.01.T02	Putative E3 ubiquitin-protein ligase HIP1
maker-5-augustus-gene-284.29-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0511296500.01.T02	Wall-associated kinase
maker-5-augustus-gene-284.33-mRNA-1	NA	NA				RING finger and CHY zinc finger domain-containing protein 1
maker-5-augustus-gene-284.39-mRNA-1	NA	NA		Os05g0549900	OsR498G0511293200.01.T01	Lipid phosphate phosphatase 2
maker-5-augustus-gene-284.42-mRNA-1	NA	NA		0	OsR498G0511294200.01.T01	Protein PLASTID MOVEMENT IMPAIRED 2
maker-5-augustus-gene-284.45-mRNA-1	NA	Indica		Os01g0691400	OsR498G0511294600.01.T01	Reticulon-like protein (Fragment)
maker-5-augustus-gene-284.47-mRNA-1	NA	NA	Kinase-TM			Receptor serine/threonine kinase PR5K-like

maker-5-augustus-gene-284.49-mRNA-1	NA	Japonica		Os05g0551100	OsR498G0511297800.01.T01	VARLMGL domain-containing protein
maker-5-augustus-gene-285.36-mRNA-1	NA	NA		Os05g0552400	OsR498G0511303700.01.T02	RING-CH-type domain-containing protein (Fragment)
maker-5-augustus-gene-285.46-mRNA-1	NA	NA		Os05g0552100	OsR498G0511303200.01.T01	
maker-5-augustus-gene-285.48-mRNA-1	NA	NA		Os05g0552500	OsR498G0511305200.01.T03	Sulphydryl oxidase
maker-5-augustus-gene-285.55-mRNA-1	NA	NA		Os05g0552900	OsR498G0511308800.01.T03	65-kDa microtubule-associated protein 3
maker-5-augustus-gene-285.59-mRNA-1	NA	NA		Os05g0553000	OsR498G0511309000.01.T01	ATP synthase subunit beta
maker-5-augustus-gene-286.20-mRNA-1	NA	Indica		Os05g0555100	OsR498G0511316100.01.T01	Serine/threonine protein phosphatase 2A regulatory subunit
maker-5-augustus-gene-286.22-mRNA-1	NA	NA		Os05g0553400	OsR498G0511310400.01.T01	Transcription factor RAX3
maker-5-augustus-gene-286.24-mRNA-1	NA	NA		Os05g0555000		
maker-5-augustus-gene-286.26-mRNA-1	NA	NA		Os05g0555000	OsR498G0511315400.01.T01	
maker-5-augustus-gene-286.31-mRNA-1	NA	NA		Os05g0555300	OsR498G0511316400.01.T03	Electron carrier/ electron transporter/ iron ion binding protein
maker-5-augustus-gene-287.35-mRNA-1	NA	NA		Os05g0556900	OsR498G0511318900.01.T02	Ribosomal protein L35A
maker-5-augustus-gene-287.38-mRNA-1	NA	NA		Os05g0556000	OsR498G0511319100.01.T01	Oxoglutarate/iron-dependent dioxygenase
maker-5-augustus-gene-287.42-mRNA-1	NA	Indica		Os01g0681000	OsR498G0511319700.01.T01	Diacylglycerol O-acyltransferase
maker-5-augustus-gene-287.46-mRNA-1	NA	NA		Os05g0556400	OsR498G0511319900.01.T01	Cytochrome b561/ferric reductase transmembrane with DOMON related do
maker-5-augustus-gene-287.48-mRNA-1	NA	Japonica		Os05g0556500	OsR498G0511320500.01.T02	Mediator of RNA polymerase II transcription subunit 1-like
maker-5-augustus-gene-287.52-mRNA-1	NA	Indica		Os05g0556700	OsR498G0511321100.01.T02	T-complex protein 1 subunit beta
maker-5-augustus-gene-287.58-mRNA-1	NA	NA		Os05g0556900	OsR498G0511321900.01.T04	Ribosomal protein L35A
maker-5-augustus-gene-287.61-mRNA-1	NA	NA		Os05g0557000	OsR498G0511322100.01.T03	Zinc-binding ribosomal protein family protein
maker-5-augustus-gene-287.65-mRNA-1	NA	NA		0	OsR498G0511323500.01.T03	ARM repeat superfamily protein (Fragment)
maker-5-augustus-gene-287.68-mRNA-1	NA	NA		Os05g0556100	OsR498G0511319400.01.T01	Dynamin-related protein 5A
maker-5-augustus-gene-287.75-mRNA-1	NA	NA		Os05g0557100		Peptidase A1 domain-containing protein (Fragment)
maker-5-augustus-gene-287.77-mRNA-1	NA	NA		Os05g0557400	OsR498G0511324000.01.T01	MACPF domain-containing protein NSL1
maker-5-augustus-gene-288.37-mRNA-1	NA	NA		0	OsR498G0714810500.01.T02	Cytochrome f
maker-5-augustus-gene-288.38-mRNA-1	NA	NA		Os05g0558400	OsR498G0511327300.01.T04	Branched-chain-amino-acid aminotransferase
maker-5-augustus-gene-288.39-mRNA-1	NA	NA		0	OsR498G0714810500.01.T02	Cytochrome f
maker-5-augustus-gene-288.67-mRNA-1	NA	NA		Os05g0558800	OsR498G0511328900.01.T02	EAR domain-containing protein
maker-5-augustus-gene-288.69-mRNA-1	NA	NA		Os05g0558900	OsR498G0511329100.01.T01	Phenylalanine--tRNA ligase beta subunit cytoplasmic
maker-5-augustus-gene-288.74-mRNA-1	NA	NA		Os05g0557600	OsR498G0511324400.01.T01	Ubiquitin-conjugating enzyme
maker-5-augustus-gene-289.36-mRNA-1	NA	NA		Os05g0560400	OsR498G0511334500.01.T03	Tubby-like F-box protein 1
maker-5-augustus-gene-289.40-mRNA-1	NA	NA		Os05g0559300		Elongation factor Ts isoform 1
maker-5-augustus-gene-289.46-mRNA-1	NA	NA		Os05g0559400	OsR498G0511331000.01.T04	Auxin-responsive protein IAA5
maker-5-augustus-gene-289.50-mRNA-1	NA	NA		Os05g0559900	OsR498G0511332400.01.T05	Golgin candidate 5
maker-5-augustus-gene-289.56-mRNA-1	NA	NA		Os05g0560100	OsR498G0511333400.01.T01	PRONE domain
maker-5-augustus-gene-289.59-mRNA-1	NA	NA	Kinase-TM	Os05g0560300	OsR498G0511334000.01.T02	Protein MALE DISCOVERER 1
maker-5-augustus-gene-289.62-mRNA-1	NA	NA		Os05g0560500		
maker-5-augustus-gene-294.76-mRNA-1	NA	NA		0	OsR498G0511370300.01.T01	CTP synthase (glutamine hydrolyzing)
maker-5-augustus-gene-295.0-mRNA-1	NA	Japonica		Os05g0569900	OsR498G0204379800.01.T04	B-block binding subunit of TFIIC
maker-5-augustus-gene-295.2-mRNA-1	NA	NA				B-block binding subunit of TFIIC
maker-5-augustus-gene-295.6-mRNA-1	NA	Indica		Os05g0573300	OsR498G0511370300.01.T01	CTP synthase
maker-5-augustus-gene-295.9-mRNA-1	NA	NA		Os05g0569800	OsR498G0511368600.01.T02	THO complex subunit 7
maker-5-augustus-gene-296.37-mRNA-1	NA	NA		Os05g0573200	OsR498G0511377300.01.T04	Isocitrate dehydrogenase [NADP]
maker-5-augustus-gene-296.41-mRNA-1	NA	Japonica		Os05g0571300	OsR498G0511372800.01.T01	
maker-5-augustus-gene-296.43-mRNA-1	NA	Indica		Os05g0571300	OsR498G0511373200.01.T02	
maker-5-augustus-gene-296.46-mRNA-1	NA	NA		Os05g0571400	OsR498G0511373400.01.T02	1-acyl-sn-glycerol-3-phosphate acyltransferase delta isoform 1
maker-5-augustus-gene-296.50-mRNA-1	NA	NA		Os05g0571700	OsR498G0511373800.01.T01	FBD domain-containing protein
maker-5-augustus-gene-296.53-mRNA-1	NA	NA		Os05g0572700	OsR498G0511375800.01.T01	Protein-serine/threonine phosphatase
maker-5-augustus-gene-297.46-mRNA-1	NA	NA		Os05g0573500	OsR498G0511379100.01.T02	CCAAT-binding transcription factor A
maker-5-augustus-gene-297.49-mRNA-1	NA	NA		0	OsR498G0511380300.01.T01	U-box domain-containing protein 7-like
maker-5-augustus-gene-297.54-mRNA-1	NA	Indica		Os05g0575300	OsR498G0511387900.01.T01	Tr-type G domain-containing protein
maker-5-augustus-gene-297.59-mRNA-1	NA	Indica		Os05g0575400	OsR498G0511388300.01.T02	FBD domain-containing protein
maker-5-augustus-gene-297.70-mRNA-1	NA	NA		0	OsR498G0511380600.01.T02	Tetratricopeptide repeat-like superfamily protein isoform 2
maker-5-augustus-gene-298.55-mRNA-1	NA	Indica		Os05g0577200	OsR498G0511394200.01.T05	Isoprenylcysteine alpha-carbonyl methylesterase ICME
maker-5-augustus-gene-298.63-mRNA-1	NA	NA		Os05g0577800	OsR498G0511395000.01.T03	Alpha-amylase/subtilisin inhibitor (Fragment)
maker-5-augustus-gene-298.68-mRNA-1	NA	NA		Os05g0577900	OsR498G0511395200.01.T01	Protein kinase domain-containing protein
maker-5-augustus-gene-299.20-mRNA-1	NA	NA		Os05g0579000	OsR498G0511399000.01.T02	Sugar transporter protein ERD6-S
maker-5-augustus-gene-3.10-mRNA-1	NA	Indica		Os05g0105500	OsR498G0509571700.01.T05	Cytoplasmic membrane protein
maker-5-augustus-gene-3.15-mRNA-1	NA	NA		0	OsR498G0509572300.01.T03	Protein EMBRYO SAC DEVELOPMENT ARREST 3, chloroplastic
maker-5-augustus-gene-3.17-mRNA-1	NA	NA				Arginine/serine-rich splicing factor SR45 transcript III
maker-5-augustus-gene-3.2-mRNA-1	NA	NA		Os05g0105100	OsR498G0509570500.01.T01	RAB GTPase 11C
maker-5-augustus-gene-3.26-mRNA-1	NA	NA		Os05g0106300		

maker-5-augustus-gene-3.31-mRNA-1	NA	NA		Os05g0104800	OsR498G0509569200.01.T01	Eukaryotic translation initiation factor 3 subunit F
maker-5-augustus-gene-3.34-mRNA-1	NA	NA		0	OsR498G0509569400.01.T04	E3 ubiquitin-protein ligase CHIP
maker-5-augustus-gene-3.38-mRNA-1	NA	NA		Os05g0105000	OsR498G0509569600.01.T01	Methionine S-methyltransferase
maker-5-augustus-gene-3.4-mRNA-1	NA	NA		0	OsR498G0509571100.01.T05	Tubulin-specific chaperone E
maker-5-augustus-gene-3.41-mRNA-1	NA	Indica		Os05g0105200	OsR498G0509571000.01.T03	RAB GTPase homolog 1A
maker-5-augustus-gene-3.47-mRNA-1	NA	NA		Os05g0105600	OsR498G0509572200.01.T01	YTH domain
maker-5-augustus-gene-3.51-mRNA-1	NA	NA		Os05g0106000		Zinc finger family protein isoform 1
maker-5-augustus-gene-3.53-mRNA-1	NA	NA		Os05g0106100	OsR498G0509572800.01.T01	V-type proton ATPase proteolipid subunit
maker-5-augustus-gene-30.15-mRNA-1	NA	NA		Os05g0153600		PH domain-containing protein (Fragment)
maker-5-augustus-gene-30.4-mRNA-1	NA	NA				UBC core domain-containing protein (Fragment)
maker-5-augustus-gene-301.13-mRNA-1	NA	Japonica		Os05g0584000	OsR498G0511415500.01.T01	WRKY transcription factor 22
maker-5-augustus-gene-301.19-mRNA-1	NA	NA		Os05g0583900	OsR498G0511415200.01.T01	Pentatricopeptide repeat-containing protein
maker-5-augustus-gene-301.21-mRNA-1	NA	NA		Os05g0584200	OsR498G0511416200.01.T02	Late embryogenesis abundant
maker-5-augustus-gene-302.5-mRNA-1	NA	Indica		Os05g0584400	OsR498G0511417200.01.T01	
maker-5-augustus-gene-304.87-mRNA-1	NA	NA		Os05g0589400	OsR498G0511435200.01.T01	Transcription factor MYB53
maker-5-augustus-gene-306.8-mRNA-1	NA	NA		Os05g0592400	OsR498G0511445100.01.T02	DNA damage-binding protein 1
maker-5-augustus-gene-307.0-mRNA-1	NA	NA		Os05g0594700	OsR498G0511451100.01.T06	Calcium permeable stress-gated cation channel 1
maker-5-augustus-gene-307.15-mRNA-1	NA	NA		Os05g0595300	OsR498G0511456100.01.T04	CCT domain
maker-5-augustus-gene-307.22-mRNA-1	NA	NA		Os05g0594500	OsR498G0511449600.01.T01	Glutaredoxin
maker-5-augustus-gene-307.27-mRNA-1	NA	NA		Os05g0594800	OsR498G0511451400.01.T03	Regulatory particle non-ATPase 13 (Fragment)
maker-5-augustus-gene-307.33-mRNA-1	NA	NA		Os05g0595400	OsR498G0511456600.01.T01	Nucleoside diphosphate kinase
maker-5-augustus-gene-307.38-mRNA-1	NA	NA		Os05g0595500	OsR498G0511456800.01.T02	PH domain-containing protein
maker-5-augustus-gene-307.6-mRNA-1	NA	NA		Os05g0594900		U6 snRNA-associated Sm-like protein LSM8
maker-5-augustus-gene-307.9-mRNA-1	NA	NA		Os05g0595100	OsR498G0511452700.01.T01	UDP-glucose 4-epimerase GEPI48
maker-5-augustus-gene-308.42-mRNA-1	NA	NA				Chloride channel protein CLC-f
maker-5-augustus-gene-308.45-mRNA-1	NA	NA		Os03g0347800	OsR498G0305940700.01.T04	Peptidyl-tRNA hydrolase mitochondrial
maker-5-augustus-gene-308.53-mRNA-1	NA	NA		0	OsR498G0511461300.01.T01	Transcription factor bHLH70 isoform A
maker-5-augustus-gene-308.55-mRNA-1	NA	NA		Os05g0597400	OsR498G0511462100.01.T01	G1/S-specific cyclin-E protein
maker-5-augustus-gene-308.57-mRNA-1	NA	NA		0	OsR498G1221332900.01.T01	CCHC-type domain-containing protein
maker-5-augustus-gene-308.58-mRNA-1	NA	NA	Kinase-LRR-TM	Os05g0595950	OsR498G0511457400.01.T01	Leucine-rich repeat receptor-like serine/threonine-protein kinase BAM3
maker-5-augustus-gene-308.61-mRNA-1	NA	Indica		Os05g0596200	OsR498G0511458800.01.T02	Calpain-type cysteine protease family
maker-5-augustus-gene-308.64-mRNA-1	NA	NA		0	OsR498G0102056900.01.T01	L10-interacting MYB domain-containing protein-like
maker-5-augustus-gene-308.66-mRNA-1	NA	NA		Os05g0596600	OsR498G0511460400.01.T01	
maker-5-augustus-gene-308.73-mRNA-1	NA	NA		Os05g0597100	OsR498G0511462000.01.T01	Histone deacetylase HDAC2
maker-5-augustus-gene-309.24-mRNA-1	NA	NA		Os08g0363800	OsR498G0815927700.01.T02	Iron-sulfur assembly protein IscA-like protein 2, mitochondrial
maker-5-augustus-gene-310.0-mRNA-1	NA	NA		0	OsR498G0815909100.01.T01	
maker-5-augustus-gene-310.11-mRNA-1	NA	NA	Kinase-TM	Os08g0365800		Putative WAK family receptor-like protein kinase
maker-5-augustus-gene-310.13-mRNA-1	NA	NA		Os08g0365900	OsR498G0815911800.01.T04	Putative methyltransferase NSUN6
maker-5-augustus-gene-310.16-mRNA-1	NA	NA		Os08g0366000	OsR498G0815912200.01.T03	Phosphoenolpyruvate carboxylase
maker-5-augustus-gene-310.2-mRNA-1	NA	NA		Os08g0364900	OsR498G0815911100.01.T05	Pirin domain-containing protein
maker-5-augustus-gene-310.8-mRNA-1	NA	NA		Os08g0366100	OsR498G0815912500.01.T01	Multiprotein-bridging factor 1b
maker-5-augustus-gene-311.29-mRNA-1	NA	NA		Os08g0366200	OsR498G0815913800.01.T01	Elf4 domain-containing protein
maker-5-augustus-gene-312.40-mRNA-1	NA	Japonica		Os05g0584000	OsR498G0511415500.01.T01	WRKY transcription factor 22
maker-5-augustus-gene-312.43-mRNA-1	NA	Indica		Os05g0310800	OsR498G0815920400.01.T01	Coatomer subunit delta
maker-5-augustus-gene-312.48-mRNA-1	NA	NA		Os05g0503000	OsR498G0511123000.01.T01	Secretory carrier-associated membrane protein 3
maker-5-augustus-gene-312.53-mRNA-1	NA	NA		Os05g0584200	OsR498G0511416200.01.T02	Late embryogenesis abundant
maker-5-augustus-gene-312.55-mRNA-1	NA	Indica		Os05g0584400	OsR498G0511417200.01.T01	
maker-5-augustus-gene-34.33-mRNA-1	NA	NA		Os05g0158600	OsR498G0509783500.01.T01	Gibberellin 2-beta-dioxygenase 1
maker-5-augustus-gene-35.0-mRNA-1	NA	Indica		Os01g0328700	OsR498G0509787700.01.T01	Dihydrolipoyl dehydrogenase
maker-5-augustus-gene-35.2-mRNA-1	NA	NA		Os05g0160100	OsR498G0509787900.01.T01	Macrophage erythroblast attacher like
maker-5-augustus-gene-36.44-mRNA-1	NA	NA		Os05g0161500	OsR498G0509793900.01.T01	GTP diphosphokinase
maker-5-augustus-gene-36.55-mRNA-1	NA	NA		Os05g0162000	OsR498G0509795000.01.T01	Peroxidase
maker-5-augustus-gene-36.57-mRNA-1	NA	Indica		Os01g0155400	OsR498G0509795200.01.T01	
maker-5-augustus-gene-36.72-mRNA-1	NA	NA		0	OsR498G0509798200.01.T01	Pre-mRNA-processing-splicing factor 8A
maker-5-augustus-gene-37.0-mRNA-1	NA	NA		Os05g0163900	OsR498G0509801500.01.T02	Transcription factor bHLH30 like
maker-5-augustus-gene-37.18-mRNA-1	NA	NA		0	OsR498G0509803000.01.T01	PDZ domain-containing protein
maker-5-augustus-gene-37.24-mRNA-1	NA	NA		Os05g0164900	OsR498G0509804600.01.T01	DCD domain-containing protein (Fragment)
maker-5-augustus-gene-39.10-mRNA-1	NA	NA		Os05g0168200	OsR498G0509819800.01.T01	PGG domain-containing protein
maker-5-augustus-gene-39.20-mRNA-1	NA	NA		Os05g0168700	OsR498G0509822000.01.T03	TPT domain-containing protein
maker-5-augustus-gene-39.29-mRNA-1	NA	Indica		Os05g0169400	OsR498G0509825000.01.T01	Class E vacuolar protein-sorting machinery protein HSE1-like
maker-5-augustus-gene-39.3-mRNA-1	NA	NA		Os05g0169100	OsR498G0509823300.01.T02	60S ribosomal protein L10

maker-5-augustus-gene-39.6-mRNA-1	NA	NA		Os05g0169200	OsR498G0509823500.01.T03	Homolog of yeast autophagy 18C
maker-5-augustus-gene-39.8-mRNA-1	NA	NA		Os05g0169300	OsR498G0509824100.01.T01	Tryptophan aminotransferase
maker-5-augustus-gene-4.28-mRNA-1	NA	NA		Os05g0106500	OsR498G0509574300.01.T01	J domain-containing protein (Fragment)
maker-5-augustus-gene-4.48-mRNA-1	NA	NA		Os05g0106600	OsR498G0509574600.01.T04	Beta-actin
maker-5-augustus-gene-4.53-mRNA-1	NA	NA		0	OsR498G0509575400.01.T01	F-box domain-containing protein
maker-5-augustus-gene-40.0-mRNA-1	NA	Indica	Kinase-LRR-TM	Os01g0170300	OsR498G0509825300.01.T01	Mitogen-activated protein kinase kinase kinase
maker-5-augustus-gene-40.14-mRNA-1	NA	Indica		Os01g0170500	OsR498G0509825800.01.T02	Carboxyl-terminal proteinase
maker-5-augustus-gene-40.17-mRNA-1	NA	NA		Os05g0170000	OsR498G0509826200.01.T01	Core-2/l-branching beta-1,6-N-acetylglucosaminyltransferase family protein
maker-5-augustus-gene-40.2-mRNA-1	NA	NA	LRR-TM	Os05g0170300	OsR498G0509827700.01.T01	LRR receptor-like serine/threonine-protein kinase
maker-5-augustus-gene-40.23-mRNA-1	NA	NA	LRR-TM	Os05g0170700	OsR498G0509830600.01.T01	Protein NSP-INTERACTING KINASE 2
maker-5-augustus-gene-40.26-mRNA-1	NA	NA		Os05g0170800	OsR498G0509830800.01.T02	SKP1/ASK-interacting protein 16 isoform 1
maker-5-augustus-gene-40.29-mRNA-1	NA	Indica		Os05g0171000	OsR498G0509831400.01.T02	Phospholipase D
maker-5-augustus-gene-40.4-mRNA-1	NA	Indica		Os01g0172100	OsR498G0509831100.01.T03	Phosphoenolpyruvate/phosphate translocator like
maker-5-augustus-gene-40.9-mRNA-1	NA	NA		Os05g0171200	OsR498G0509831700.01.T01	Embryo-specific protein ATS3A
maker-5-augustus-gene-41.0-mRNA-1	NA	NA		Os05g0171900	OsR498G0509835300.01.T04	VOC domain-containing protein (Fragment)
maker-5-augustus-gene-41.3-mRNA-1	NA	NA		0	OsR498G0509835800.01.T01	Protein kinase domain-containing protein
maker-5-augustus-gene-41.6-mRNA-1	NA	NA		0	OsR498G0509836400.01.T01	DUF632 domain-containing protein/DUF630 domain-containing protein
maker-5-augustus-gene-44.0-mRNA-1	NA	NA		Os03g0851000	OsR498G0307374300.01.T03	Nascent polypeptide-associated complex subunit beta
maker-5-augustus-gene-44.3-mRNA-1	NA	NA		Os03g0850800	OsR498G0307373800.01.T01	Transferring glycosyl group transferase
maker-5-augustus-gene-44.5-mRNA-1	NA	NA		Os03g0851100	OsR498G0307374600.01.T01	Elongation factor Tu mitochondrial
maker-5-augustus-gene-45.0-mRNA-1	NA	NA		0	OsR498G0509846900.01.T01	Mediator of RNA polymerase II transcription subunit 36a
maker-5-augustus-gene-45.11-mRNA-1	NA	Japonica		Os05g0173700	OsR498G0511038100.01.T02	DNA replication licensing factor MCM3
maker-5-augustus-gene-45.22-mRNA-1	NA	NA		Os05g0176400	OsR498G0509848000.01.T01	Zinc finger CCCH domain-containing protein 34
maker-5-augustus-gene-45.25-mRNA-1	NA	NA		Os05g0176500	OsR498G0509848400.01.T02	Mitochondria isoform 2
maker-5-augustus-gene-45.30-mRNA-1	NA	NA		Os05g0176800	OsR498G0509849600.01.T01	Boron transporter
maker-5-augustus-gene-46.38-mRNA-1	NA	NA		0	OsR498G0509851500.01.T01	UDP-glucuronosyl/UDP-glucosyltransferase
maker-5-augustus-gene-46.45-mRNA-1	NA	NA		Os05g0179000	OsR498G0509856700.01.T03	RING-type domain-containing protein (Fragment)
maker-5-augustus-gene-49.0-mRNA-1	NA	NA		Os05g0182500	OsR498G0509872900.01.T03	Ubiquitin-fold modifier-conjugating enzyme
maker-5-augustus-gene-49.18-mRNA-1	NA	NA		Os05g0182800	OsR498G0509873600.01.T01	Glutaminyl-tRNA synthetase
maker-5-augustus-gene-49.25-mRNA-1	NA	NA		Os05g0182900	OsR498G0509873800.01.T01	Glutaminyl-tRNA synthetase
maker-5-augustus-gene-49.28-mRNA-1	NA	NA		Os05g0183100	OsR498G0509875200.01.T01	WRKY transcription factor
maker-5-augustus-gene-49.3-mRNA-1	NA	NA		Os05g0182600	OsR498G0509873100.01.T01	FACT complex subunit SSRP1-B
maker-5-augustus-gene-49.7-mRNA-1	NA	NA		Os05g0182700	OsR498G0509873300.01.T02	
maker-5-augustus-gene-52.15-mRNA-1	NA	NA		0	OsR498G0509888600.01.T08	(R)-specific enoyl-CoA hydratase-like
maker-5-augustus-gene-52.18-mRNA-1	NA	Indica		Os05g0186000	OsR498G0509890000.01.T06	30S ribosomal protein S31, chloroplastic
maker-5-augustus-gene-52.20-mRNA-1	NA	NA		Os05g0186100	OsR498G0509890200.01.T01	HPT domain-containing protein (Fragment)
maker-5-augustus-gene-52.23-mRNA-1	NA	NA		Os05g0186300	OsR498G0509891000.01.T01	NADP-dependent malic enzyme, chloroplastic
maker-5-augustus-gene-52.6-mRNA-1	NA	NA		Os05g0185800	OsR498G0509889700.01.T04	Actin binding protein family
maker-5-augustus-gene-52.9-mRNA-1	NA	NA		Os05g0185700	OsR498G0509888600.01.T03	PfkB domain-containing protein
maker-5-augustus-gene-53.0-mRNA-1	NA	Indica		Os01g0190300	OsR498G0509894900.01.T02	Auxin-responsive protein (Fragment)
maker-5-augustus-gene-53.15-mRNA-1	NA	Indica		Os05g0187100	OsR498G0509895600.01.T01	Phosphotransferase
maker-5-augustus-gene-53.3-mRNA-1	NA	NA		Os05g0187000	OsR498G0509895300.01.T05	Proteasome endopeptidase complex
maker-5-augustus-gene-54.58-mRNA-1	NA	NA		Os05g0189300	OsR498G0509906000.01.T01	Pod storage protein
maker-5-augustus-gene-54.60-mRNA-1	NA	NA		Os05g0189900	OsR498G0509907200.01.T01	Stem 28 kDa glycoprotein
maker-5-augustus-gene-55.4-mRNA-1	NA	NA		Os05g0190300	OsR498G0509909600.01.T01	Stem 28 kDa glycoprotein-like
maker-5-augustus-gene-55.6-mRNA-1	NA	NA		Os05g0190500	OsR498G0509910600.01.T01	Stem 28 kDa glycoprotein
maker-5-augustus-gene-56.0-mRNA-1	NA	NA		0	OsR498G0509916300.01.T02	Crs2 associated factor2
maker-5-augustus-gene-56.9-mRNA-1	NA	NA		0	OsR498G0509916000.01.T03	Cullin, N-terminal
maker-5-augustus-gene-57.3-mRNA-1	NA	Indica		Os01g0191300	OsR498G0509917000.01.T01	NAC transcriptional factor
maker-5-augustus-gene-57.6-mRNA-1	NA	NA				Probable tRNA N6-adenosine threonylcarbamoyltransferase
maker-5-augustus-gene-58.0-mRNA-1	NA	NA		0	OsR498G0509927900.01.T02	ATP-binding cassette sub-family C member 8
maker-5-augustus-gene-58.13-mRNA-1	NA	NA		Os05g0196800	OsR498G0509933500.01.T03	Diacylglycerol O-acyltransferase
maker-5-augustus-gene-58.20-mRNA-1	NA	Indica		Os01g0192600	OsR498G0509928200.01.T04	Pollen-specific protein SF21
maker-5-augustus-gene-58.6-mRNA-1	NA	NA		Os05g0196500	OsR498G0509930700.01.T01	Lysine-specific demethylase JM1703
maker-5-augustus-gene-59.0-mRNA-1	NA	Indica		Os05g0198050	OsR498G0509938500.01.T05	
maker-5-augustus-gene-59.2-mRNA-1	NA	NA		Os05g0197300	OsR498G0509935200.01.T04	IQ domain-containing protein IQM6
maker-5-augustus-gene-6.31-mRNA-1	NA	NA	Kinase-TM	Os05g0110900	OsR498G0509586800.01.T01	Receptor-like cytoplasmic kinase 176
maker-5-augustus-gene-6.4-mRNA-1	NA	Indica		Os05g0110800	OsR498G0509586500.01.T01	PGR5-like protein 1A, chloroplastic
maker-5-augustus-gene-60.0-mRNA-1	NA	NA		Os05g0198400	OsR498G0509944500.01.T01	Zinc transporter 4, chloroplastic
maker-5-augustus-gene-60.3-mRNA-1	NA	Indica		Os05g0198700	OsR498G0509949300.01.T02	RNA polymerase II transcription factor B subunit 5
maker-5-augustus-gene-61.22-mRNA-1	NA	NA		Os05g0199800	OsR498G0509955700.01.T01	BHLH domain-containing protein (Fragment)

maker-5-augustus-gene-61.24-mRNA-1	NA	NA		Os05g0199500	OsR498G0509955000.01.T02	Hexosyltransferase
maker-5-augustus-gene-61.27-mRNA-1	NA	NA		Os05g0200100	OsR498G0509956600.01.T01	Thioredoxin-like 2, chloroplastic isoform B
maker-5-augustus-gene-62.0-mRNA-1	NA	Indica		Os01g0197100	OsR498G0509961300.01.T02	3-epi-6-deoxocastasterone 23-monooxygenase
maker-5-augustus-gene-62.4-mRNA-1	NA	NA		Os05g0200500	OsR498G0509961600.01.T03	Protein kinase domain-containing protein
maker-5-augustus-gene-63.27-mRNA-1	NA	NA		0	OsR498G0509971300.01.T01	
maker-5-augustus-gene-63.35-mRNA-1	NA	Indica		Os05g0203800	OsR498G0509975600.01.T01	MADS-box transcription factor
maker-5-augustus-gene-63.40-mRNA-1	NA	NA		0	OsR498G0509977200.01.T04	MADS box transcription factor
maker-5-augustus-gene-63.41-mRNA-1	NA	NA		0	OsR498G0509977200.01.T04	Shatterproof
maker-5-augustus-gene-64.34-mRNA-1	NA	NA		Os05g0204600	OsR498G0509981100.01.T01	B-box zinc finger protein 22
maker-5-augustus-gene-64.36-mRNA-1	NA	NA		Os05g0204900	OsR498G0509982500.01.T03	Serine/threonine-protein phosphatase 5
maker-5-augustus-gene-64.43-mRNA-1	NA	NA		Os05g0203900	OsR498G0509978600.01.T05	
maker-5-augustus-gene-64.46-mRNA-1	NA	Indica		Os02g0232900	OsR498G0509982800.01.T01	Aquaporin NIP-type
maker-5-augustus-gene-65.0-mRNA-1	NA	NA		Os06g0303700	OsR498G0612215700.01.T02	
maker-5-augustus-gene-66.31-mRNA-1	NA	NA		Os05g0207300	OsR498G0509990500.01.T01	60S ribosomal protein L11
maker-5-augustus-gene-66.49-mRNA-1	NA	NA		Os05g0207400	OsR498G0509990800.01.T01	RING-CH-type domain-containing protein (Fragment)
maker-5-augustus-gene-70.2-mRNA-1	NA	NA		Os05g0214400	OsR498G0510016900.01.T01	KAT8 regulatory NSL complex subunit 3
maker-5-augustus-gene-70.4-mRNA-1	NA	NA		Os05g0214400	OsR498G0510016900.01.T01	KAT8 regulatory NSL complex subunit 3
maker-5-augustus-gene-74.40-mRNA-1	NA	NA		Os05g0220900	OsR498G0510046700.01.T01	
maker-5-augustus-gene-74.50-mRNA-1	NA	NA		Os05g0220100	OsR498G0510044200.01.T04	Post-GPI attachment to proteins factor 3
maker-5-augustus-gene-74.53-mRNA-1	NA	NA		Os05g0220600	OsR498G0510046200.01.T02	Rhomboid-like protein 11, chloroplastic
maker-5-augustus-gene-74.58-mRNA-1	NA	Indica		Os01g0750500	OsR498G0510048200.01.T01	Coiled-coil domain-containing protein 25
maker-5-augustus-gene-75.38-mRNA-1	NA	NA		Os05g0223300	OsR498G0510054500.01.T01	RRM domain-containing protein
maker-5-augustus-gene-75.40-mRNA-1	NA	Indica		Os05g0223300	OsR498G0510054900.01.T01	RRM domain-containing protein (Fragment)
maker-5-augustus-gene-75.42-mRNA-1	NA	NA	NBS-TM	Os05g0222200	OsR498G0510052200.01.T01	Eceriferum 5 (Fragment)
maker-5-augustus-gene-76.31-mRNA-1	NA	Indica		Os05g0224700	OsR498G0510059900.01.T01	DNA-directed RNA polymerase V subunit like
maker-5-augustus-gene-76.33-mRNA-1	NA	NA				DNA (cytosine-5)-methyltransferase CMT2
maker-5-augustus-gene-77.0-mRNA-1	NA	NA		0	OsR498G0510066500.01.T05	GRAM domain-containing protein (Fragment)
maker-5-augustus-gene-78.30-mRNA-1	NA	NA		Os05g0227800	OsR498G0510071700.01.T02	NAM-associated domain-containing protein
maker-5-augustus-gene-78.32-mRNA-1	NA	NA		Os05g0227700	OsR498G0510071600.01.T01	Eukaryotic translation initiation factor 3 subunit L
maker-5-augustus-gene-78.35-mRNA-1	NA	NA		Os05g0228000	OsR498G0510072400.01.T02	Bark storage protein like
maker-5-augustus-gene-79.39-mRNA-1	NA	NA		Os05g0229000	OsR498G0510076400.01.T05	G patch domain-containing protein 8
maker-5-augustus-gene-86.11-mRNA-1	NA	NA		Os05g0241000	OsR498G0510123000.01.T02	WPP domain-interacting tail-anchored protein 1
maker-5-augustus-gene-86.6-mRNA-1	NA	NA	NBS-TM	Os05g0240200	OsR498G0510120000.01.T03	TOPILESS-related 1 isoform 2
maker-5-augustus-gene-96.0-mRNA-1	NA	NA		Os11g0500100		HAT dimerization domain-containing protein / transposase-related
maker-5-augustus-gene-96.10-mRNA-1	NA	Indica	Kinase-LRR-TM	Os05g0257100	OsR498G0510172500.01.T03	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-97.0-mRNA-1	NA	NA				Non-specific serine/threonine protein kinase
maker-5-augustus-gene-97.1-mRNA-1	NA	Indica	Kinase-LRR-TM	Os04g0291900	OsR498G0510174900.01.T01	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-97.14-mRNA-1	NA	Indica		Os04g0341500	OsR498G0510177900.01.T01	(+)-delta-cadinene synthase isozyme C2
maker-5-augustus-gene-97.16-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-5-augustus-gene-98.21-mRNA-1	NA	NA		0	OsR498G0510180100.01.T01	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-98.23-mRNA-1	NA	NA	LRR-TM	Os04g0291900	OsR498G0407958200.01.T02	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-98.24-mRNA-1	NA	NA	Kinase	Os04g0291900	OsR498G0407958200.01.T01	Non-specific serine/threonine protein kinase
maker-5-augustus-gene-99.0-mRNA-1	NA	NA		Os09g0120033	OsR498G0202840400.01.T01	
maker-5-augustus-gene-99.1-mRNA-1	NA	NA		Os09g0120033	OsR498G0202840400.01.T01	
maker-6-augustus-gene-10.0-mRNA-1	NA	Japonica		Os06g0660600	OsR498G0613108200.01.T01	NAM-associated domain-containing protein
maker-6-augustus-gene-10.2-mRNA-1	NA	Japonica		Os06g0117500	OsR498G0611524600.01.T01	DUF4220 domain-containing protein (Fragment)
maker-6-augustus-gene-10.4-mRNA-1	NA	Indica		Os06g0119600	OsR498G0611518800.01.T01	Peptidase A1 domain-containing protein (Fragment)
maker-6-augustus-gene-10.6-mRNA-1	NA	NA		Os06g0118700	OsR498G0611521800.01.T01	Peptidase A1 domain-containing protein (Fragment)
maker-6-augustus-gene-100.0-mRNA-1	NA	NA		Os06g0286228	OsR498G0612156900.01.T01	Phytoecyanin domain-containing protein
maker-6-augustus-gene-100.2-mRNA-1	NA	NA		Os06g0285900	OsR498G0612153400.01.T01	PGG domain-containing protein
maker-6-augustus-gene-100.4-mRNA-1	NA	NA		0	OsR498G0612153800.01.T01	PGG domain-containing protein (Fragment)
maker-6-augustus-gene-100.8-mRNA-1	NA	NA		Os06g0286146	OsR498G0612156000.01.T01	PGG domain-containing protein (Fragment)
maker-6-augustus-gene-101.19-mRNA-1	NA	Indica		Os06g0286310	OsR498G0612158300.01.T01	DNA oxidative demethylase
maker-6-augustus-gene-101.22-mRNA-1	NA	NA	NBS-TM	Os06g0286500	OsR498G0612159700.01.T01	NBS-LRR disease resistance protein homologue
maker-6-augustus-gene-101.24-mRNA-1	NA	NA		Os06g0286351	OsR498G0612158600.01.T01	Binding
maker-6-augustus-gene-102.41-mRNA-1	NA	NA	CC-NBS-TM			NBS-LRR
maker-6-augustus-gene-102.42-mRNA-1	NA	NA	NBS-TM			Disease resistance protein RPM1
maker-6-augustus-gene-102.49-mRNA-1	NA	NA	NBS-TM	0	OsR498G0612165900.01.T03	Disease resistance protein RPM1
maker-6-augustus-gene-103.0-mRNA-1	NA	NA		Os03g0193900	OsR498G0101213400.01.T05	SERPIN domain-containing protein
maker-6-augustus-gene-104.0-mRNA-1	NA	NA		0	OsR498G0612170100.01.T02	Usp domain-containing protein (Fragment)
maker-6-augustus-gene-104.6-mRNA-1	NA	NA	Kinase-TM	Os06g0291600	OsR498G0612170400.01.T02	serine/threonine-protein kinase D6PK

maker-6-augustus-gene-104.8-mRNA-1	NA	NA		Os06g0291800		Embryogenesis transmembrane protein
maker-6-augustus-gene-105.0-mRNA-1	NA	NA		Os10g0199200	OsR498G1018346900.01.T03	Hydroxyproline-rich glycoprotein-like
maker-6-augustus-gene-107.2-mRNA-1	NA	NA		Os06g0297800	OsR498G0612190900.01.T05	C2 calcium-dependent membrane targeting
maker-6-augustus-gene-109.35-mRNA-1	NA	NA		0	OsR498G0612202900.01.T04	Enhancer of mRNA-decapping protein 4
maker-6-augustus-gene-109.36-mRNA-1	NA	NA		0	OsR498G0612202900.01.T01	WD40, G-beta domain containing family protein, family
maker-6-augustus-gene-109.45-mRNA-1	NA	NA		Os06g0300000	OsR498G0612200000.01.T01	Putative steroid dehydrogenase 4
maker-6-augustus-gene-11.47-mRNA-1	NA	Japonica		Os06g0121800	OsR498G0611535100.01.T01	Peptidase A1 domain-containing protein
maker-6-augustus-gene-11.50-mRNA-1	NA	Japonica		Os06g0119600	OsR498G0203481100.01.T01	Peptidase A1 domain-containing protein (Fragment)
maker-6-augustus-gene-111.0-mRNA-1	NA	Japonica		Os06g0303400	OsR498G0815345200.01.T05	Aconitate hydratase
maker-6-augustus-gene-113.0-mRNA-1	NA	NA				Peptidase A1 domain-containing protein (Fragment)
maker-6-augustus-gene-114.63-mRNA-1	NA	NA		Os06g0309000	OsR498G0612230200.01.T03	Putative RING zinc finger domain superfamily protein isoform 1
maker-6-augustus-gene-114.67-mRNA-1	NA	NA		0	OsR498G0612230200.01.T04	BPI2 domain-containing protein
maker-6-augustus-gene-114.70-mRNA-1	NA	NA		Os06g0310200	OsR498G0408570300.01.T06	Putative helicase MAGATAMA 3
maker-6-augustus-gene-115.3-mRNA-1	NA	Japonica		Os06g0310200	OsR498G0408570300.01.T02	Regulator of nonsense transcripts 1-like
maker-6-augustus-gene-12.37-mRNA-1	NA	NA		Os06g0122600		NB-ARC domain-containing protein
maker-6-augustus-gene-12.43-mRNA-1	NA	NA		Os06g0122900		
maker-6-augustus-gene-12.45-mRNA-1	NA	Japonica		Os06g0122600	OsR498G0611538700.01.T02	
maker-6-augustus-gene-12.48-mRNA-1	NA	NA		Os06g0123000	OsR498G0611540200.01.T01	
maker-6-augustus-gene-122.35-mRNA-1	NA	NA		Os08g0230450	OsR498G1221360100.01.T03	
maker-6-augustus-gene-13.34-mRNA-1	NA	NA		Os06g0125200	OsR498G0611547100.01.T01	FLZ-type domain-containing protein (Fragment)
maker-6-augustus-gene-13.36-mRNA-1	NA	Indica		Os06g0125600	OsR498G0611548700.01.T03	Pentatricopeptide repeat-containing protein (Fragment)
maker-6-augustus-gene-13.38-mRNA-1	NA	NA	LRR-NBS-TM	Os06g0125000	OsR498G0611546000.01.T05	NBS-LRR type R protein Pigm-R8
maker-6-augustus-gene-13.40-mRNA-1	NA	Indica		Os06g0125500	OsR498G0611547600.01.T02	Oligopeptide transporter 7
maker-6-augustus-gene-134.30-mRNA-1	NA	NA		0	OsR498G0612525600.01.T02	tRNA-uridine aminocarboxypropyltransferase
maker-6-augustus-gene-14.13-mRNA-1	NA	NA		Os06g0127700	OsR498G0611553900.01.T01	Oligopeptide transporter 7
maker-6-augustus-gene-14.16-mRNA-1	NA	NA		0	OsR498G0611555300.01.T01	Transferases,folic acid binding isoform 1
maker-6-augustus-gene-14.18-mRNA-1	NA	Indica		Os06g0126000	OsR498G0611549600.01.T04	Putative transcriptional regulator SKL2
maker-6-augustus-gene-14.24-mRNA-1	NA	NA		Os06g0126400	OsR498G0611550400.01.T01	
maker-6-augustus-gene-14.26-mRNA-1	NA	NA				SET domain-containing protein isoform 3
maker-6-augustus-gene-14.3-mRNA-1	NA	NA		Os06g0125800	OsR498G0611549100.01.T04	E3 ubiquitin ligase BIG BROTHER
maker-6-augustus-gene-14.31-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0611553400.01.T01	Calcium-dependent protein kinase, putative
maker-6-augustus-gene-15.36-mRNA-1	NA	Indica		Os06g0128400	OsR498G0611556500.01.T01	Embryo sac development arrest
maker-6-augustus-gene-15.42-mRNA-1	NA	NA				39S ribosomal protein L47, mitochondrial
maker-6-augustus-gene-15.45-mRNA-1	NA	NA		0	OsR498G0611557700.01.T01	Probable E3 ubiquitin-protein ligase XBOS36
maker-6-augustus-gene-15.52-mRNA-1	NA	Indica		Os03g0115700	OsR498G0611559300.01.T01	Short-chain dehydrogenase TIC 32, chloroplastic
maker-6-augustus-gene-15.63-mRNA-1	NA	Indica		Os06g0156700	OsR498G0611560700.01.T01	GDLS-like Lipase/Acylhydrolase family protein, expressed
maker-6-augustus-gene-15.68-mRNA-1	NA	NA		Os06g0128200	OsR498G0611556000.01.T02	LMBR1 integral membrane family protein
maker-6-augustus-gene-15.77-mRNA-1	NA	NA		Os06g0128300	OsR498G0611556400.01.T02	ABC transporter B family member 25 mitochondrial
maker-6-augustus-gene-15.83-mRNA-1	NA	NA		Os06g0129300	OsR498G0611559800.01.T03	Impaired sucrose induction 1-like protein
maker-6-augustus-gene-15.86-mRNA-1	NA	Indica		Os06g0129700	OsR498G0611561000.01.T01	Nucleoside diphosphate-sugar hydrolase of the MutT (NUDIX) family
maker-6-augustus-gene-150.0-mRNA-1	NA	NA		Os08g0230450		
maker-6-augustus-gene-16.0-mRNA-1	NA	NA		Os06g0129800	OsR498G0611561500.01.T02	Putative pre-mRNA-splicing factor CWC22-like
maker-6-augustus-gene-16.11-mRNA-1	NA	NA		Os06g0130400	OsR498G0611564900.01.T01	Similar to aminotransferase
maker-6-augustus-gene-16.13-mRNA-1	NA	Indica		Os06g0130500	OsR498G0611565100.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-6-augustus-gene-16.15-mRNA-1	NA	NA		Os06g0131100	OsR498G0611566100.01.T03	Protein DECREASED SIZE EXCLUSION LIMIT 1
maker-6-augustus-gene-16.21-mRNA-1	NA	NA		Os06g0129900	OsR498G0611561800.01.T01	Cytochrome P450 family 704 subfamily A polypeptide 2
maker-6-augustus-gene-16.27-mRNA-1	NA	NA				Cell cycle regulated microtubule associated protein
maker-6-augustus-gene-16.31-mRNA-1	NA	NA		Os06g0130800	OsR498G0611565600.01.T02	H15 domain-containing protein
maker-6-augustus-gene-16.33-mRNA-1	NA	NA		Os06g0130900	OsR498G0611565400.01.T03	Histone domain-containing protein (Fragment)
maker-6-augustus-gene-16.4-mRNA-1	NA	NA		Os06g0130000	OsR498G0611562300.01.T06	Spastin
maker-6-augustus-gene-16.8-mRNA-1	NA	NA	Kinase-LRR-TM	Os06g0130100	OsR498G0611562900.01.T01	LRR receptor-like serine/threonine-protein kinase ERECTA
maker-6-augustus-gene-166.25-mRNA-1	NA	NA				Ubiquitin-like-specific protease 1D
maker-6-augustus-gene-17.31-mRNA-1	NA	NA		Os06g0131500	OsR498G0611572100.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-6-augustus-gene-17.33-mRNA-1	NA	NA		Os06g0133000	OsR498G0611577100.01.T01	Granule-bound starch synthase 1, chloroplastic/amyloplastic
maker-6-augustus-gene-17.36-mRNA-1	NA	Indica		Os06g0131700	OsR498G0611573000.01.T03	Secondary wall NAC master switch
maker-6-augustus-gene-17.38-mRNA-1	NA	NA		Os06g0132500	OsR498G0611575600.01.T01	Lysophospholipase BODYGUARD 3 like
maker-6-augustus-gene-17.40-mRNA-1	NA	Indica		Os06g0132600	OsR498G0611576400.01.T05	Damaged DNA binding
maker-6-augustus-gene-176.0-mRNA-1	NA	NA		Os08g0390900	OsR498G1221160700.01.T01	
maker-6-augustus-gene-18.0-mRNA-1	NA	NA		Os06g0133900	OsR498G0611582700.01.T01	3-phosphoshikimate 1-carboxyvinyltransferase
maker-6-augustus-gene-18.10-mRNA-1	NA	Japonica		Os06g0134000	OsR498G1018250900.01.T02	Ribosomal protein S20
maker-6-augustus-gene-18.12-mRNA-1	NA	NA		Os06g0134050	OsR498G0611583000.01.T04	2'-phosphotransferase

maker-6-augustus-gene-18.16-mRNA-1	NA	NA		Os06g0134300	OsR498G0611584400.01.T01	
maker-6-augustus-gene-18.19-mRNA-1	NA	Indica		Os06g0134400	OsR498G0611584800.01.T02	
maker-6-augustus-gene-18.22-mRNA-1	NA	Indica		Os06g0134500	OsR498G0611585200.01.T03	2'-phosphotransferase
maker-6-augustus-gene-18.26-mRNA-1	NA	NA		Os06g0134500	OsR498G0611585600.01.T01	2'-phosphotransferase
maker-6-augustus-gene-18.29-mRNA-1	NA	NA		Os06g0134800	OsR498G0611586600.01.T01	Glycine cleavage T-protein family
maker-6-augustus-gene-18.32-mRNA-1	NA	NA		Os06g0134900	OsR498G0611586800.01.T02	Glycine-rich protein-like
maker-6-augustus-gene-18.4-mRNA-1	NA	NA	Kinase-LRR-TM	Os06g0134700	OsR498G0611585900.01.T01	Somatic embryogenesis receptor kinase 4
maker-6-augustus-gene-18.6-mRNA-1	NA	NA		Os06g0133800	OsR498G0611582200.01.T01	Transketolase
maker-6-augustus-gene-184.24-mRNA-1	NA	NA		Os06g0512700	OsR498G0612611600.01.T01	Leaf-specific thionin
maker-6-augustus-gene-184.25-mRNA-1	NA	NA		Os06g0514800	OsR498G0612604400.01.T01	Thionin
maker-6-augustus-gene-185.36-mRNA-1	NA	NA		Os06g0513862	OsR498G0612611600.01.T01	Thionin
maker-6-augustus-gene-185.38-mRNA-1	NA	NA		Os06g0513862	OsR498G0612611600.01.T01	Thionin
maker-6-augustus-gene-185.40-mRNA-1	NA	NA		Os06g0513943	OsR498G0612611600.01.T01	Thionin
maker-6-augustus-gene-186.22-mRNA-1	NA	NA		0	OsR498G1120154400.01.T01	
maker-6-augustus-gene-187.0-mRNA-1	NA	NA		Os06g0514100	OsR498G0612604400.01.T01	Thionin
maker-6-augustus-gene-19.0-mRNA-1	NA	NA		Os06g0136300		
maker-6-augustus-gene-19.12-mRNA-1	NA	NA		Os06g0136800	OsR498G0611589100.01.T01	ATP-dependent Clp protease proteolytic subunit
maker-6-augustus-gene-19.2-mRNA-1	NA	NA		0	OsR498G0611588500.01.T03	Cornichon
maker-6-augustus-gene-19.32-mRNA-1	NA	NA		Os06g0136000	OsR498G0611587800.01.T01	Hypersensitive-induced response protein 4
maker-6-augustus-gene-19.35-mRNA-1	NA	NA		Os06g0136100	OsR498G0611588000.01.T02	
maker-6-augustus-gene-19.39-mRNA-1	NA	NA		Os06g0136600	OsR498G0611588800.01.T01	Phosphopyruvate hydratase
maker-6-augustus-gene-19.7-mRNA-1	NA	NA		Os06g0136700	OsR498G0611588900.01.T07	WASH complex subunit 7
maker-6-augustus-gene-190.32-mRNA-1	NA	Indica		Os03g0730500	OsR498G0612627900.01.T01	Serine carboxypeptidase-like protein 6
maker-6-augustus-gene-190.33-mRNA-1	NA	NA				Serine carboxypeptidase family protein, expressed
maker-6-augustus-gene-194.45-mRNA-1	NA	Indica		Os06g0527800	OsR498G0612651400.01.T01	Absciscic acid receptor PYL 8
maker-6-augustus-gene-194.47-mRNA-1	NA	Japonica		Os06g0526466	OsR498G0612651400.01.T01	Absciscic acid receptor PYL 8
maker-6-augustus-gene-194.49-mRNA-1	NA	Indica		Os01g0618400	OsR498G0612663800.01.T01	DEAD-box ATP-dependent RNA helicase 31
maker-6-augustus-gene-194.52-mRNA-1	NA	Indica		Os06g0526700	OsR498G0612664000.01.T02	PPM-type phosphatase domain-containing protein
maker-6-augustus-gene-195.0-mRNA-1	NA	NA		Os06g0527100	OsR498G0612664900.01.T01	Cyclic nucleotide-gated ion channel 1
maker-6-augustus-gene-195.18-mRNA-1	NA	Indica		Os06g0526800	OsR498G0612664400.01.T03	Protein-serine/threonine phosphatase
maker-6-augustus-gene-195.22-mRNA-1	NA	NA		Os06g0527800		Bet v I allergen-like
maker-6-augustus-gene-195.5-mRNA-1	NA	NA		Os06g0527100	OsR498G0612666700.01.T02	Cyclic nucleotide-gated calmodulin-binding ion channel
maker-6-augustus-gene-196.25-mRNA-1	NA	NA				E3 ubiquitin-protein ligase UBR7
maker-6-augustus-gene-197.10-mRNA-1	NA	Indica		Os06g0531200	OsR498G0612678800.01.T01	Class I glutamine amidotransferase-like superfamily protein isoform 1
maker-6-augustus-gene-197.7-mRNA-1	NA	Indica		Os06g0530400	OsR498G0612675000.01.T02	NAC domain-containing protein 76
maker-6-augustus-gene-20.0-mRNA-1	NA	NA		Os06g0137300	OsR498G0611593100.01.T01	Transcription initiation factor TFIID subunit 14b
maker-6-augustus-gene-20.13-mRNA-1	NA	NA		Os06g0138200	OsR498G0611595300.01.T01	RNA demethylase ALKBH5 isoform A
maker-6-augustus-gene-20.18-mRNA-1	NA	NA		Os06g0139700	OsR498G0611599100.01.T02	Coiled-coil domain-containing protein 97
maker-6-augustus-gene-20.22-mRNA-1	NA	NA		0	OsR498G0611592000.01.T01	Kinesin-like protein KIN-UB
maker-6-augustus-gene-20.32-mRNA-1	NA	NA				Ribosomal RNA processing Brix domain protein isoform 2
maker-6-augustus-gene-20.36-mRNA-1	NA	NA		Os06g0138100	OsR498G0611595200.01.T01	Protein-methionine-S-oxide reductase
maker-6-augustus-gene-20.38-mRNA-1	NA	NA		Os06g0139000	OsR498G0611597400.01.T01	FBD domain-containing protein
maker-6-augustus-gene-20.41-mRNA-1	NA	NA		Os06g0139900	OsR498G0611599800.01.T01	Proteasome endopeptidase complex
maker-6-augustus-gene-20.5-mRNA-1	NA	NA		Os06g0137600	OsR498G0611594100.01.T05	RBFA domain-containing protein
maker-6-augustus-gene-20.7-mRNA-1	NA	NA		0	OsR498G0611594900.01.T05	Global transcription factor group isoform 1
maker-6-augustus-gene-201.0-mRNA-1	NA	NA		Os06g0538000	OsR498G0612698700.01.T01	T-complex protein 1 subunit gamma
maker-6-augustus-gene-201.7-mRNA-1	NA	NA		Os06g0537700	OsR498G0612698000.01.T01	X8 domain-containing protein (Fragment)
maker-6-augustus-gene-202.48-mRNA-1	NA	Indica		Os02g0244600	OsR498G0612706500.01.T01	Polyadenylate-binding protein-interacting protein 8-like
maker-6-augustus-gene-202.53-mRNA-1	NA	NA		Os06g0542200	OsR498G0612707100.01.T02	Prephenate dehydrogenase
maker-6-augustus-gene-202.57-mRNA-1	NA	NA		Os06g0542300	OsR498G0612707400.01.T01	HMA domain-containing protein (Fragment)
maker-6-augustus-gene-202.59-mRNA-1	NA	NA		Os08g0514800		Ptita/En/Spm family plant transposase
maker-6-augustus-gene-203.24-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0612714500.01.T01	Calmodulin-binding receptor kinase CaMRLK
maker-6-augustus-gene-203.26-mRNA-1	NA	NA		Os06g0543200	OsR498G0612711400.01.T01	HTH myb-type domain-containing protein
maker-6-augustus-gene-204.29-mRNA-1	NA	Indica		Os06g0545400	OsR498G0612716800.01.T01	Exopolysaccharuronase
maker-6-augustus-gene-204.31-mRNA-1	NA	NA		Os06g0545400	OsR498G0612717800.01.T01	Group 13 grass pollen allergen (Fragment)
maker-6-augustus-gene-205.38-mRNA-1	NA	NA		0	OsR498G0612718500.01.T01	Large subunit ribosomal protein L1
maker-6-augustus-gene-205.44-mRNA-1	NA	NA		Os06g0545900	OsR498G0612718200.01.T02	O-fucosyltransferase family protein (Fragment)
maker-6-augustus-gene-205.50-mRNA-1	NA	NA		Os06g0546500	OsR498G0612719200.01.T01	Peroxidase
maker-6-augustus-gene-205.55-mRNA-1	NA	NA		Os06g0547400	OsR498G0612720400.01.T01	Peroxidase
maker-6-augustus-gene-205.57-mRNA-1	NA	NA		Os06g0547400	OsR498G0612720400.01.T01	Peroxidase
maker-6-augustus-gene-206.0-mRNA-1	NA	NA	Kinase-TM	Os06g0547900	OsR498G0612721100.01.T02	Non-specific serine/threonine protein kinase

maker-6-augustus-gene-206.5-mRNA-1	NA	NA		Os06g0548000	OsR498G0612721600.01.T02	Aspartate aminotransferase
maker-6-augustus-gene-207.46-mRNA-1	NA	NA		0	OsR498G0612725800.01.T06	
maker-6-augustus-gene-207.48-mRNA-1	NA	NA		Os06g0550000	OsR498G0612727000.01.T01	60S ribosomal protein L11
maker-6-augustus-gene-207.52-mRNA-1	NA	NA		Os03g0394800	OsR498G0306103900.01.T01	
maker-6-augustus-gene-207.54-mRNA-1	NA	NA		Os06g0551400	OsR498G0612730000.01.T01	Ras protein RIC2
maker-6-augustus-gene-21.0-mRNA-1	NA	NA		Os06g0140400	OsR498G0611601500.01.T02	Homeobox-leucine zipper protein HOX28
maker-6-augustus-gene-21.14-mRNA-1	NA	NA		Os06g0141000	OsR498G0611603000.01.T01	Hexose transporter
maker-6-augustus-gene-21.16-mRNA-1	NA	NA		Os06g0141100	OsR498G0611603400.01.T01	Nudix hydrolase
maker-6-augustus-gene-21.2-mRNA-1	NA	Indica		Os06g0142000	OsR498G0611605700.01.T04	Trypsin-like peptidase/ribosome biogenesis regulatory domain protein 1
maker-6-augustus-gene-21.20-mRNA-1	NA	NA		Os06g0141200	OsR498G0611603800.01.T01	TATA-binding protein-associated factor 2N isoform X2
maker-6-augustus-gene-21.22-mRNA-1	NA	NA		Os06g0141400	OsR498G0611604200.01.T02	Early nodulin 93
maker-6-augustus-gene-21.25-mRNA-1	NA	NA		Os06g0142350	OsR498G0611604400.01.T01	Early nodulin
maker-6-augustus-gene-21.27-mRNA-1	NA	NA		Os06g0141700	OsR498G0611604600.01.T01	Early nodulin
maker-6-augustus-gene-21.4-mRNA-1	NA	NA		Os06g0140100	OsR498G0611600400.01.T03	Leucine carboxyl methyltransferase 1 homolog
maker-6-augustus-gene-21.9-mRNA-1	NA	NA	CC-Kinase-TM	Os06g0140800	OsR498G0611602200.01.T02	E3 ubiquitin ligase
maker-6-augustus-gene-213.8-mRNA-1	NA	NA		Os06g0561200	OsR498G0612768900.01.T01	K ⁺ efflux antiporter 4
maker-6-augustus-gene-214.25-mRNA-1	NA	NA		Os06g0561800		ATP-binding cassette sub-family C member 8
maker-6-augustus-gene-214.29-mRNA-1	NA	NA		Os06g0562300		Homeobox domain-containing protein (Fragment)
maker-6-augustus-gene-216.32-mRNA-1	NA	NA		0	OsR498G0407890700.01.T01	
maker-6-augustus-gene-216.35-mRNA-1	NA	NA		0	OsR498G0102498700.01.T01	
maker-6-augustus-gene-216.54-mRNA-1	NA	NA		0	OsR498G0612792100.01.T02	Zinc transporter 4, chloroplastic
maker-6-augustus-gene-216.59-mRNA-1	NA	Indica		Os03g0180700	OsR498G0612787000.01.T03	UDP-glycosyltransferase TURAN
maker-6-augustus-gene-22.1-mRNA-1	NA	NA		Os06g0142100	OsR498G0611605700.01.T03	FBD domain-containing protein
maker-6-augustus-gene-22.12-mRNA-1	NA	NA		Os06g0143400	OsR498G0611610100.01.T02	Acyl-[acyl-carrier-protein] hydrolase
maker-6-augustus-gene-22.16-mRNA-1	NA	NA		Os06g0142200	OsR498G0611606000.01.T02	Early nodulin
maker-6-augustus-gene-22.19-mRNA-1	NA	NA		Os06g0142300	OsR498G0611606400.01.T01	Early nodulin
maker-6-augustus-gene-22.22-mRNA-1	NA	Japonica		Os06g0142350	OsR498G0611606600.01.T01	Early nodulin
maker-6-augustus-gene-22.25-mRNA-1	NA	NA		Os06g0142400	OsR498G0611606800.01.T01	Early nodulin
maker-6-augustus-gene-22.27-mRNA-1	NA	Indica		Os06g0142600	OsR498G0611607800.01.T01	Early flowering protein 3
maker-6-augustus-gene-22.3-mRNA-1	NA	NA	Kinase-TM	Os06g0142500		Wall-associated receptor kinase 3
maker-6-augustus-gene-22.31-mRNA-1	NA	NA		Os06g0142700	OsR498G0611608400.01.T01	Cytochrome c oxidase subunit Vb
maker-6-augustus-gene-22.36-mRNA-1	NA	Indica		Os06g0142900	OsR498G0611608800.01.T01	1-deoxy-D-xylulose-5-phosphate synthase
maker-6-augustus-gene-22.43-mRNA-1	NA	NA		0	OsR498G0611610800.01.T01	Pre-mRNA-splicing factor 38
maker-6-augustus-gene-22.5-mRNA-1	NA	NA		Os06g0142800	OsR498G0611608500.01.T01	Arginine methyltransferase 10 isoform 2
maker-6-augustus-gene-22.8-mRNA-1	NA	NA		Os06g0143000	OsR498G0611608900.01.T01	Iron superoxide dismutase
maker-6-augustus-gene-223.32-mRNA-1	NA	NA		Os06g0576900	OsR498G0612827900.01.T01	von Willebrand factor type A domain-like
maker-6-augustus-gene-223.38-mRNA-1	NA	NA		0	OsR498G0612829700.01.T01	
maker-6-augustus-gene-224.21-mRNA-1	NA	NA		Os06g0581300	OsR498G0612834500.01.T01	Phospho-N-acetylmuramoyl-pentapeptide-transferase
maker-6-augustus-gene-224.26-mRNA-1	NA	NA		Os06g0581000	OsR498G0612832000.01.T01	Nitrate transporter 1.2
maker-6-augustus-gene-225.34-mRNA-1	NA	Indica	Kinase-LRR-TM	Os12g0498650	OsR498G0612836400.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-225.39-mRNA-1	NA	NA		Os06g0583400	OsR498G0612840200.01.T03	Histone deacetylase
maker-6-augustus-gene-228.0-mRNA-1	NA	Japonica	Kinase-LRR-TM	Os06g0586150	OsR498G0612846900.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-228.13-mRNA-1	NA	NA				
maker-6-augustus-gene-228.6-mRNA-1	NA	Indica	Kinase-LRR-TM	Os06g0586150	OsR498G0612847900.01.T01	Leucine-rich repeat protein kinase family protein
maker-6-augustus-gene-229.0-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0612851100.01.T02	Leucine-rich repeat protein kinase family protein
maker-6-augustus-gene-23.27-mRNA-1	NA	NA		Os06g0144000	OsR498G0611613700.01.T02	BRCT domain-containing DNA repair protein (Fragment)
maker-6-augustus-gene-23.31-mRNA-1	NA	NA		Os06g0144900	OsR498G0611616300.01.T01	Pectate lyase
maker-6-augustus-gene-23.33-mRNA-1	NA	NA		Os06g0144200	OsR498G0611614200.01.T01	Pectate lyase
maker-6-augustus-gene-23.35-mRNA-1	NA	NA		0	OsR498G0611617700.01.T02	Anthocyanin 5-aromatic acyltransferase-like
maker-6-augustus-gene-23.37-mRNA-1	NA	NA		Os06g0145600	OsR498G0611617900.01.T01	Anthocyanidin 3-O-glucoside 6"-O-acyltransferase
maker-6-augustus-gene-23.43-mRNA-1	NA	NA		Os06g0143900	OsR498G0611613600.01.T05	Coatomer subunit beta'
maker-6-augustus-gene-23.47-mRNA-1	NA	NA		Os06g0144200	OsR498G0611614200.01.T01	Pectate lyase
maker-6-augustus-gene-23.49-mRNA-1	NA	NA		0	OsR498G0611616000.01.T01	Putative metallopeptidase D
maker-6-augustus-gene-23.56-mRNA-1	NA	NA		Os06g0144800	OsR498G0611616200.01.T03	Translation factor GUF1 homolog, mitochondrial
maker-6-augustus-gene-23.61-mRNA-1	NA	NA		0	OsR498G0611618800.01.T01	AP2-like ethylene-responsive transcription factor At1g79700
maker-6-augustus-gene-230.0-mRNA-1	NA	NA	Kinase-LRR-TM			Protein kinase domain-containing protein (Fragment)
maker-6-augustus-gene-230.2-mRNA-1	NA	Indica	Kinase-LRR-TM	Os06g0587500	OsR498G0612852500.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-230.6-mRNA-1	NA	Indica		Os06g0587300	OsR498G0612852800.01.T02	
maker-6-augustus-gene-231.7-mRNA-1	NA	Indica	Kinase-LRR-TM	Os06g0587900	OsR498G0612839000.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-232.54-mRNA-1	NA	NA		Os06g0590500	OsR498G0612863300.01.T01	t-SNARE coiled-coil homology domain-containing protein (Fragment)
maker-6-augustus-gene-232.56-mRNA-1	NA	NA		Os06g0591200		

maker-6-augustus-gene-232.62-mRNA-1	NA	NA		Os06g0590600	OsR498G0612863600.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-6-augustus-gene-235.25-mRNA-1	NA	Indica		Os06g0596300	OsR498G0612879900.01.T01	Acyl-[acyl-carrier-protein] hydrolase
maker-6-augustus-gene-235.34-mRNA-1	NA	Indica		Os06g0595900	OsR498G0612878800.01.T01	TFIIS central domain-containing protein
maker-6-augustus-gene-236.36-mRNA-1	NA	Indica		Os06g0597400	OsR498G0612883100.01.T02	Exonuclease/helicase-like
maker-6-augustus-gene-236.43-mRNA-1	NA	NA		Os06g0597600	OsR498G0612883500.01.T01	FscO
maker-6-augustus-gene-236.44-mRNA-1	NA	NA		Os06g0597600	OsR498G0612883500.01.T01	FscO
maker-6-augustus-gene-237.23-mRNA-1	NA	NA		Os06g0600100	OsR498G0612887100.01.T01	26S proteasome regulatory particle triple-A ATPase subunit6
maker-6-augustus-gene-24.42-mRNA-1	NA	Indica		Os06g0145800	OsR498G0611619500.01.T01	Single-stranded DNA-binding protein WHY1, chloroplastic
maker-6-augustus-gene-24.47-mRNA-1	NA	NA	NBS-TM	Os06g0146100	OsR498G0611619900.01.T05	NBS-LRR type R protein Pizh-1
maker-6-augustus-gene-24.49-mRNA-1	NA	NA		0	OsR498G0611620900.01.T01	DNA-binding WRKY
maker-6-augustus-gene-24.51-mRNA-1	NA	Indica		Os06g0146300	OsR498G0611621200.01.T02	DUF1995 domain-containing protein (Fragment)
maker-6-augustus-gene-24.58-mRNA-1	NA	NA		Os06g0146400	OsR498G0611621400.01.T02	Iron-sulfur assembly protein IscA chloroplastic
maker-6-augustus-gene-24.61-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0611626200.01.T05	Mitogen-activated protein kinase kinase
maker-6-augustus-gene-242.57-mRNA-1	NA	NA		Os06g0607300		HGWP repeat containing protein-like
maker-6-augustus-gene-249.63-mRNA-1	NA	Japonica	LRR-TM	Os06g0621500	OsR498G0612965800.01.T01	NAF domain-containing protein
maker-6-augustus-gene-25.0-mRNA-1	NA	NA		Os06g0148200	OsR498G0611627300.01.T03	GDSL esterase/lipase APG
maker-6-augustus-gene-25.13-mRNA-1	NA	Indica		Os06g0148000	OsR498G0611626600.01.T01	Nuclear speckle RNA-binding protein A
maker-6-augustus-gene-25.18-mRNA-1	NA	NA		0	OsR498G0611631000.01.T07	
maker-6-augustus-gene-25.21-mRNA-1	NA	NA				Transmembrane protein, putative
maker-6-augustus-gene-25.3-mRNA-1	NA	Indica		Os06g0149100	OsR498G0611630700.01.T01	GDSL esterase/lipase APG
maker-6-augustus-gene-25.8-mRNA-1	NA	NA		Os06g0149400	OsR498G0611631300.01.T03	Nucleosome assembly protein like
maker-6-augustus-gene-250.55-mRNA-1	NA	NA		0	OsR498G0612969400.01.T05	Cell division cycle protein B
maker-6-augustus-gene-252.13-mRNA-1	NA	NA		Os06g0625900	OsR498G0612983000.01.T01	Potassium transporter
maker-6-augustus-gene-252.7-mRNA-1	NA	NA		Os06g0625400	OsR498G0612981000.01.T05	Stromal processing peptidase chloroplastic
maker-6-augustus-gene-254.0-mRNA-1	NA	Japonica	Kinase-TM	Os06g0620200	OsR498G0612965100.01.T01	Non-specific serine/threonine protein kinase
maker-6-augustus-gene-254.6-mRNA-1	NA	NA				Cell division cycle protein B
maker-6-augustus-gene-254.9-mRNA-1	NA	NA		Os05g0400100	OsR498G0510794300.01.T01	DLH domain-containing protein (Fragment)
maker-6-augustus-gene-256.0-mRNA-1	NA	NA		Os02g0517900	OsR498G0203939000.01.T03	
maker-6-augustus-gene-256.6-mRNA-1	NA	NA		Os05g0471800		Far-red impaired response protein-like
maker-6-augustus-gene-258.44-mRNA-1	NA	NA		0	OsR498G0613013000.01.T01	Putative B3 domain-containing protein (Fragment)
maker-6-augustus-gene-26.37-mRNA-1	NA	NA		Os03g0193900	OsR498G0101213400.01.T05	SERPIN domain-containing protein
maker-6-augustus-gene-26.39-mRNA-1	NA	NA		Os06g0149500	OsR498G0611631700.01.T02	Cysteine synthase, mitochondrial
maker-6-augustus-gene-26.41-mRNA-1	NA	NA		Os06g0149700	OsR498G0611632100.01.T01	PALP domain-containing protein
maker-6-augustus-gene-26.45-mRNA-1	NA	NA		Os06g0149900	OsR498G0611632500.01.T02	PALP domain-containing protein
maker-6-augustus-gene-26.49-mRNA-1	NA	NA		0	OsR498G0611632700.01.T01	Pollen-specific protein
maker-6-augustus-gene-26.51-mRNA-1	NA	NA		Os03g0193900		
maker-6-augustus-gene-26.53-mRNA-1	NA	NA		Os06g0150100	OsR498G0611633000.01.T01	BRISC and BRCA1-A complex member 1
maker-6-augustus-gene-262.48-mRNA-1	NA	NA		Os06g0640800	OsR498G0613039900.01.T01	Premnaspirodiene oxygenase
maker-6-augustus-gene-262.49-mRNA-1	NA	NA		Os06g0641500	OsR498G0613041700.01.T02	Ent-cassadiene C2-hydroxylase
maker-6-augustus-gene-262.55-mRNA-1	NA	Indica		Os06g0640800	OsR498G0613040900.01.T01	Premnaspirodiene oxygenase
maker-6-augustus-gene-262.59-mRNA-1	NA	Indica		Os11g0635500	OsR498G0613042000.01.T01	Cytochrome P450 family protein, expressed
maker-6-augustus-gene-263.0-mRNA-1	NA	Indica		Os06g0671300	OsR498G0613044300.01.T01	Ent-cassadiene C2-hydroxylase
maker-6-augustus-gene-263.12-mRNA-1	NA	NA		Os06g0643000	OsR498G0613046400.01.T01	Phox (PX) domain-containing protein
maker-6-augustus-gene-263.2-mRNA-1	NA	NA		0	OsR498G1120590900.01.T01	Ent-cassadiene C2-hydroxylase (Fragment)
maker-6-augustus-gene-263.4-mRNA-1	NA	Indica		Os02g0186800	OsR498G0613044600.01.T01	Premnaspirodiene oxygenase
maker-6-augustus-gene-263.6-mRNA-1	NA	NA		0	OsR498G0613044800.01.T01	CUE domain-containing protein
maker-6-augustus-gene-263.9-mRNA-1	NA	NA		Os06g0642900	OsR498G0613045600.01.T01	Ubiquitin system component Cue protein
maker-6-augustus-gene-264.26-mRNA-1	NA	NA		Os06g0644100	OsR498G0613050100.01.T01	ER membrane protein complex subunit 7 like
maker-6-augustus-gene-264.30-mRNA-1	NA	NA		Os06g0644200	OsR498G0613050500.01.T01	H(+)-exporting diphosphatase
maker-6-augustus-gene-264.50-mRNA-1	NA	NA		Os06g0643100	OsR498G0613046600.01.T01	Proteasome endopeptidase complex
maker-6-augustus-gene-264.54-mRNA-1	NA	NA		Os06g0643600	OsR498G0613048200.01.T01	formamidopyrimidine-DNA glycosylase isoform X2
maker-6-augustus-gene-264.58-mRNA-1	NA	NA		Os06g0643700	OsR498G0613048600.01.T01	Heptahelical transmembrane protein 1
maker-6-augustus-gene-264.61-mRNA-1	NA	Indica		Os02g0184400	OsR498G0613048800.01.T01	UDP-glucose-fructose-phosphate glucosyltransferase
maker-6-augustus-gene-264.75-mRNA-1	NA	NA		Os06g0643900	OsR498G0613049800.01.T01	Purple acid phosphatase
maker-6-augustus-gene-265.36-mRNA-1	NA	NA		0	OsR498G0613052100.01.T01	Transducin family protein / WD-40 repeat family protein
maker-6-augustus-gene-265.39-mRNA-1	NA	Indica		Os02g0183700	OsR498G0613053500.01.T02	Isoleucyl-tRNA synthetase
maker-6-augustus-gene-265.47-mRNA-1	NA	NA		Os06g0644800	OsR498G0613052600.01.T01	PRKCSH domain-containing protein (Fragment)
maker-6-augustus-gene-265.51-mRNA-1	NA	NA				
maker-6-augustus-gene-265.53-mRNA-1	NA	NA		Os06g0645600		PLATZ transcription factor family protein
maker-6-augustus-gene-265.57-mRNA-1	NA	NA		0	OsR498G0613055400.01.T06	Transcription initiation factor TFIID subunit 1
maker-6-augustus-gene-265.61-mRNA-1	NA	NA		Os06g0646000	OsR498G0613055600.01.T01	Methyltransferase-like

maker-6-augustus-gene-266.37-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0613057100.01.T01	Trithorax group protein osa-like
maker-6-augustus-gene-266.44-mRNA-1	NA	Japonica		Os06g0646500	OsR498G0613057500.01.T01	ATP synthase subunit O mitochondrial
maker-6-augustus-gene-266.49-mRNA-1	NA	NA		Os06g0647100	OsR498G0613059700.01.T01	50S ribosomal protein L35, chloroplastic
maker-6-augustus-gene-266.55-mRNA-1	NA	NA		Os06g0646600	OsR498G0613057800.01.T04	Knotted 7
maker-6-augustus-gene-266.58-mRNA-1	NA	NA		0	OsR498G0613058600.01.T02	BZIP transcription factor (Fragment)
maker-6-augustus-gene-266.64-mRNA-1	NA	NA		0	OsR498G0613059200.01.T04	Homogentisate geranylgeranyltransferase
maker-6-augustus-gene-266.70-mRNA-1	NA	NA		Os06g0647400	OsR498G0613061000.01.T01	Lysosomal Pro-X carboxypeptidase
maker-6-augustus-gene-266.74-mRNA-1	NA	NA		Os06g0647900	OsR498G0613062800.01.T01	
maker-6-augustus-gene-266.76-mRNA-1	NA	NA		Os06g0648500	OsR498G0613064000.01.T01	Protein POLAR LOCALIZATION DURING ASYMMETRIC DIVISION AND REDISTR
maker-6-augustus-gene-267.24-mRNA-1	NA	NA		Os06g0649500	OsR498G0613067300.01.T02	Transcription initiation factor TFIIID subunit like
maker-6-augustus-gene-267.28-mRNA-1	NA	NA		Os06g0649000	OsR498G0613065200.01.T01	WRKY transcription factor
maker-6-augustus-gene-267.30-mRNA-1	NA	NA		Os06g0649800	OsR498G0613069400.01.T01	Putative GMP synthase [glutamine-hydrolyzing]
maker-6-augustus-gene-267.34-mRNA-1	NA	NA		Os06g0649900	OsR498G0613070000.01.T03	PLD phosphodiesterase domain-containing protein
maker-6-augustus-gene-267.36-mRNA-1	NA	NA		0	OsR498G0613071000.01.T01	N-acetyltransferase HLS1
maker-6-augustus-gene-268.16-mRNA-1	NA	NA		Os06g0650800	OsR498G0613073200.01.T01	Magnesium transporter
maker-6-augustus-gene-268.20-mRNA-1	NA	NA		Os06g0650900	OsR498G0613074000.01.T01	J domain-containing protein (Fragment)
maker-6-augustus-gene-268.22-mRNA-1	NA	Indica		Os06g0651000	OsR498G0613074200.01.T01	NADPH HC toxin reductase
maker-6-augustus-gene-268.25-mRNA-1	NA	NA		Os06g0651100	OsR498G0613074600.01.T01	NADPH-dependent HC-toxin reductase
maker-6-augustus-gene-268.28-mRNA-1	NA	NA		Os06g0651300	OsR498G0613075000.01.T01	Protein-serine/threonine phosphatase
maker-6-augustus-gene-268.31-mRNA-1	NA	NA		Os06g0651600	OsR498G0613075200.01.T03	Protein-serine/threonine phosphatase
maker-6-augustus-gene-268.36-mRNA-1	NA	Indica		Os02g0179500	OsR498G0613076600.01.T01	Heptahelical transmembrane protein 2
maker-6-augustus-gene-268.5-mRNA-1	NA	NA		Os06g0651200		
maker-6-augustus-gene-268.7-mRNA-1	NA	Indica		Os06g0651900	OsR498G0613075900.01.T01	Hydrophobic protein OSR8
maker-6-augustus-gene-268.9-mRNA-1	NA	NA		Os06g0652000	OsR498G0613076100.01.T01	DNA-directed RNA polymerase
maker-6-augustus-gene-269.0-mRNA-1	NA	NA				E3 ubiquitin-protein ligase DA2-like isoform X1
maker-6-augustus-gene-269.11-mRNA-1	NA	NA		Os06g0654000	OsR498G0613081600.01.T01	Ubiquitin-specific protease 19
maker-6-augustus-gene-269.2-mRNA-1	NA	NA		Os06g0652600	OsR498G0613077700.01.T01	Fibroin heavy chain-like
maker-6-augustus-gene-269.7-mRNA-1	NA	Indica		Os09g0425900	OsR498G0613079700.01.T01	Tetraspanin/Peripherin
maker-6-augustus-gene-269.9-mRNA-1	NA	NA		Os06g0653900	OsR498G0613081200.01.T02	Protein transport protein subunit gamma
maker-6-augustus-gene-27.0-mRNA-1	NA	NA		Os06g0151600	OsR498G0611636900.01.T02	DNA repair-like proteinRadA
maker-6-augustus-gene-27.11-mRNA-1	NA	NA		Os06g0152100	OsR498G0611638100.01.T01	Profilin
maker-6-augustus-gene-27.14-mRNA-1	NA	NA		Os06g0152200	OsR498G0611638500.01.T01	Orphans transcription factor
maker-6-augustus-gene-27.17-mRNA-1	NA	NA		Os06g0152300	OsR498G0611638700.01.T01	Ubiquinone biosynthesis O-methyltransferase, mitochondrial
maker-6-augustus-gene-27.23-mRNA-1	NA	Indica		Os06g0152400	OsR498G0611639100.01.T01	Ubiquinone biosynthesis O-methyltransferase mitochondrial
maker-6-augustus-gene-27.28-mRNA-1	NA	NA		Os06g0151200	OsR498G0611636400.01.T02	RNA-binding with multiple splicing
maker-6-augustus-gene-27.35-mRNA-1	NA	NA		Os06g0151300	OsR498G0611636600.01.T04	Trafficking protein particle complex subunit
maker-6-augustus-gene-27.39-mRNA-1	NA	NA	Kinase-TM	Os06g0151700	OsR498G0611637200.01.T01	Protein kinase domain containing protein, expressed
maker-6-augustus-gene-27.41-mRNA-1	NA	Indica		Os05g0524400	OsR498G0611637600.01.T02	ATP-dependent 6-phosphofructokinase
maker-6-augustus-gene-27.6-mRNA-1	NA	NA		0	OsR498G0611637700.01.T05	Dual specificity phosphatase
maker-6-augustus-gene-270.0-mRNA-1	NA	NA		Os06g0654300	OsR498G0613083100.01.T01	Sortase system response regulator
maker-6-augustus-gene-270.4-mRNA-1	NA	NA	Kinase-TM	Os06g0654500	OsR498G0613085100.01.T01	Concanavalin A-like lectin/glucanase domain, Serine/threonine-protein kina
maker-6-augustus-gene-270.6-mRNA-1	NA	NA		0	OsR498G0613085400.01.T01	COLE
maker-6-augustus-gene-270.8-mRNA-1	NA	NA		Os06g0655100	OsR498G0613087000.01.T01	D-3-phosphoglycerate dehydrogenase
maker-6-augustus-gene-271.0-mRNA-1	NA	NA		Os06g0656000	OsR498G0613090100.01.T01	(R)-mandelonitrile lyase-like
maker-6-augustus-gene-271.7-mRNA-1	NA	NA		Os06g0656700		
maker-6-augustus-gene-271.9-mRNA-1	NA	NA		Os06g0656500	OsR498G0613092000.01.T01	4-coumarate coenzyme A ligase
maker-6-augustus-gene-272.30-mRNA-1	NA	NA		Os06g0657500	OsR498G0613096300.01.T01	AP2-EREBP transcription factor
maker-6-augustus-gene-272.32-mRNA-1	NA	NA		Os06g0658500	OsR498G0613099100.01.T02	
maker-6-augustus-gene-272.36-mRNA-1	NA	NA		0	OsR498G0613100100.01.T04	Homogentisate geranylgeranyl transferase
maker-6-augustus-gene-272.42-mRNA-1	NA	NA		Os06g0658300		Homogentisate geranylgeranyl transferase
maker-6-augustus-gene-272.44-mRNA-1	NA	NA		Os02g0513700		DUF659 domain-containing protein (Fragment)
maker-6-augustus-gene-273.27-mRNA-1	NA	NA		Os06g0659100	OsR498G0613101300.01.T01	Squamosa promoter-binding-like protein 5
maker-6-augustus-gene-273.32-mRNA-1	NA	Indica		Os06g0659500	OsR498G0613103300.01.T01	Glutaredoxin
maker-6-augustus-gene-273.35-mRNA-1	NA	NA		Os06g0659300	OsR498G0613102400.01.T03	HP domain-containing protein (Fragment)
maker-6-augustus-gene-274.0-mRNA-1	NA	NA		Os06g0660200	OsR498G0613105900.01.T01	Auxin efflux carrier component
maker-6-augustus-gene-274.13-mRNA-1	NA	NA		Os06g0661400	OsR498G0613110700.01.T05	ANTH domain-containing protein
maker-6-augustus-gene-274.18-mRNA-1	NA	NA		Os06g0661766	OsR498G0613111500.01.T06	
maker-6-augustus-gene-274.2-mRNA-1	NA	Indica		Os06g0660700	OsR498G0613108700.01.T03	UBC core domain-containing protein (Fragment)
maker-6-augustus-gene-274.20-mRNA-1	NA	NA		Os06g0660600		NAM-associated domain-containing protein (Fragment)
maker-6-augustus-gene-274.23-mRNA-1	NA	NA		Os06g0661500	OsR498G0613111000.01.T01	Serine/threonine-protein kinase STY17
maker-6-augustus-gene-274.25-mRNA-1	NA	Indica		Os06g0661700	OsR498G0613111400.01.T03	Rab-GAP TBC domain-containing protein (Fragment)

maker-6-augustus-gene-274.30-mRNA-1	NA	NA		Os06g0661800	OsR498G0613111800.01.T01	Cryptochrome DASH chloroplastic/mitochondrial
maker-6-augustus-gene-274.33-mRNA-1	NA	NA		Os06g0661900	OsR498G0613112000.01.T04	Core-2/l-branching beta-16-N-acetylglucosaminyltransferase family protein
maker-6-augustus-gene-274.37-mRNA-1	NA	NA		Os06g0662000	OsR498G0613112200.01.T01	V-ATPase 69 kDa subunit
maker-6-augustus-gene-274.6-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0613109100.01.T01	Protein STRUBBELIG-RECEPTOR FAMILY 1
maker-6-augustus-gene-275.0-mRNA-1	NA	NA	Kinase-TM	Os06g0663400	OsR498G0613118900.01.T01	serine/threonine-protein kinase STY13
maker-6-augustus-gene-275.10-mRNA-1	NA	NA	Kinase	Os06g0663200	OsR498G0613117600.01.T02	Putative serine/threonine-protein kinase PBL17
maker-6-augustus-gene-275.15-mRNA-1	NA	NA		Os06g0663600	OsR498G0613119800.01.T05	DUF295 domain-containing protein
maker-6-augustus-gene-275.2-mRNA-1	NA	NA		Os06g0662200	OsR498G0613112800.01.T01	Basic leucine zipper 9
maker-6-augustus-gene-275.4-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0613116800.01.T01	Pollen receptor-like kinase 4
maker-6-augustus-gene-275.6-mRNA-1	NA	NA		0	OsR498G0613117200.01.T01	tRNA pseudouridine synthase A
maker-6-augustus-gene-276.41-mRNA-1	NA	NA	Kinase	Os06g0663900	OsR498G0613121100.01.T03	Receptor-like cytosolic serine/threonine-protein kinase RBK1
maker-6-augustus-gene-276.47-mRNA-1	NA	NA		Os06g0664300	OsR498G0613122300.01.T02	Vacuolar-sorting receptor 6 like
maker-6-augustus-gene-276.53-mRNA-1	NA	NA		Os06g0664800	OsR498G0613123100.01.T01	Octamer-binding transcription factor
maker-6-augustus-gene-276.55-mRNA-1	NA	NA		Os06g0665000	OsR498G0613124300.01.T02	ALA-interacting subunit
maker-6-augustus-gene-276.58-mRNA-1	NA	NA		Os06g0663800	OsR498G0613120200.01.T01	Peptidylprolyl isomerase
maker-6-augustus-gene-276.63-mRNA-1	NA	Indica		Os11g0540100	OsR498G0613121600.01.T01	Xaa-Pro aminopeptidase P
maker-6-augustus-gene-276.72-mRNA-1	NA	NA		Os06g0664200	OsR498G0613121800.01.T02	D-fructose-1,6-bisphosphate 1-phosphohydrolase
maker-6-augustus-gene-276.74-mRNA-1	NA	NA		Os06g0664400	OsR498G0613123000.01.T01	Receptor-like protein 12-like
maker-6-augustus-gene-276.77-mRNA-1	NA	NA		Os06g0665100	OsR498G0613124600.01.T01	Haloacid dehalogenase/epoxide hydrolase
maker-6-augustus-gene-276.79-mRNA-1	NA	NA		0	OsR498G0613125000.01.T01	X8 domain-containing protein (Fragment)
maker-6-augustus-gene-276.81-mRNA-1	NA	NA		Os06g0665500	OsR498G0613126200.01.T02	Allantoate amidohydrolase
maker-6-augustus-gene-277.1-mRNA-1	NA	NA		Os06g0665900	OsR498G0613129900.01.T01	Thiol reductase thioredoxin
maker-6-augustus-gene-277.4-mRNA-1	NA	NA		Os06g0666100	OsR498G0613130900.01.T02	B box-type domain-containing protein (Fragment)
maker-6-augustus-gene-277.8-mRNA-1	NA	NA				Copper-transporting ATPase RAN1
maker-6-augustus-gene-278.47-mRNA-1	NA	NA		Os06g0667200	OsR498G0613138500.01.T01	MAD5-box protein ZMM17
maker-6-augustus-gene-278.51-mRNA-1	NA	Indica		Os03g0322500	OsR498G0613139300.01.T03	14 kDa zinc-binding protein (Fragment)
maker-6-augustus-gene-278.56-mRNA-1	NA	NA		Os06g0666600	OsR498G0613135200.01.T02	Glyceraldehyde-3-phosphate dehydrogenase
maker-6-augustus-gene-278.60-mRNA-1	NA	NA		Os11g0205500	OsR498G1119581200.01.T01	
maker-6-augustus-gene-278.62-mRNA-1	NA	NA		Os06g0667600	OsR498G0613139600.01.T01	Glycine cleavage system H protein (Fragment)
maker-6-augustus-gene-278.65-mRNA-1	NA	NA		Os06g0668200	OsR498G0613141000.01.T01	Phosphoglycerate kinase
maker-6-augustus-gene-279.34-mRNA-1	NA	Indica		Os06g0669800	OsR498G0613145900.01.T02	OTU domain-containing protein
maker-6-augustus-gene-279.39-mRNA-1	NA	NA		0	OsR498G0613146300.01.T02	Molybdenum cofactor sulfurase
maker-6-augustus-gene-279.45-mRNA-1	NA	NA		Os06g0670300	OsR498G0613148900.01.T01	HTH myb-type domain-containing protein
maker-6-augustus-gene-279.47-mRNA-1	NA	Indica		Os06g0670500	OsR498G0613149500.01.T03	Peptidyl-prolyl cis-trans isomerase
maker-6-augustus-gene-279.53-mRNA-1	NA	NA		Os06g0670500	OsR498G0613149700.01.T05	Peptidyl-prolyl cis-trans isomerase
maker-6-augustus-gene-279.59-mRNA-1	NA	NA		0	OsR498G0613143800.01.T01	CRIB domain-containing protein
maker-6-augustus-gene-279.61-mRNA-1	NA	Indica		Os06g0669150	OsR498G0613144600.01.T02	BHLH domain-containing protein
maker-6-augustus-gene-279.63-mRNA-1	NA	NA		0	OsR498G0613145000.01.T02	Nucleotidyltransferase family protein isoform 4
maker-6-augustus-gene-279.71-mRNA-1	NA	Indica		Os06g0669400	OsR498G0613145400.01.T05	ATP-dependent zinc metalloprotease
maker-6-augustus-gene-279.75-mRNA-1	NA	NA		0	OsR498G0613145600.01.T01	Component of oligomeric Golgi complex 7
maker-6-augustus-gene-279.80-mRNA-1	NA	Indica		Os06g0669700	OsR498G0613145800.01.T01	HTH myb-type domain-containing protein (Fragment)
maker-6-augustus-gene-279.86-mRNA-1	NA	NA		Os06g0670100	OsR498G0613146600.01.T01	Dentin sialophosphoprotein-like
maker-6-augustus-gene-28.33-mRNA-1	NA	NA		Os06g0153200	OsR498G0611641900.01.T07	Sugar phosphate/phosphate translocator like
maker-6-augustus-gene-28.38-mRNA-1	NA	NA		Os06g0152700	OsR498G0611639800.01.T01	CAP10 domain-containing protein (Fragment)
maker-6-augustus-gene-28.40-mRNA-1	NA	NA		Os06g0152800		
maker-6-augustus-gene-28.42-mRNA-1	NA	Indica		Os06g0125200	OsR498G0611641600.01.T03	FLZ-type domain-containing protein (Fragment)
maker-6-augustus-gene-28.44-mRNA-1	NA	NA		0	OsR498G0611642400.01.T01	VWFA domain-containing protein
maker-6-augustus-gene-28.45-mRNA-1	NA	NA		0	OsR498G0611642400.01.T01	VWFA domain-containing protein
maker-6-augustus-gene-28.48-mRNA-1	NA	NA		Os06g0153600	OsR498G0611643000.01.T04	
maker-6-augustus-gene-28.51-mRNA-1	NA	Japonica		Os06g0153800	OsR498G0611642800.01.T03	Proteasome endopeptidase complex
maker-6-augustus-gene-28.55-mRNA-1	NA	NA		0	OsR498G0611643200.01.T08	Putative thiol methyltransferase 2
maker-6-augustus-gene-28.56-mRNA-1	NA	NA		0	OsR498G0611643200.01.T09	probable thiol methyltransferase 2
maker-6-augustus-gene-280.26-mRNA-1	NA	NA		Os06g0671000	OsR498G0613151300.01.T04	Potassium transporter
maker-6-augustus-gene-280.32-mRNA-1	NA	NA		0	OsR498G0613155900.01.T03	Twinkle like protein, chloroplastic/mitochondrial
maker-6-augustus-gene-280.37-mRNA-1	NA	NA		Os06g0671800	OsR498G0613156100.01.T02	Patellin-4
maker-6-augustus-gene-280.40-mRNA-1	NA	Indica		Os06g0671300	OsR498G0613153800.01.T01	Ent-isokaurene C2-hydroxylase-like
maker-6-augustus-gene-280.42-mRNA-1	NA	NA		Os06g0671900	OsR498G0613156400.01.T01	Tubulin beta chain
maker-6-augustus-gene-281.31-mRNA-1	NA	NA		0	OsR498G0613159800.01.T01	DUF862 domain-containing protein
maker-6-augustus-gene-281.33-mRNA-1	NA	NA		Os06g0672801	OsR498G0613160200.01.T01	DUF862 domain-containing protein
maker-6-augustus-gene-281.37-mRNA-1	NA	NA		Os06g0674000	OsR498G0613163800.01.T02	
maker-6-augustus-gene-281.39-mRNA-1	NA	Japonica		Os06g0674100	OsR498G0613164400.01.T02	

maker-6-augustus-gene-282.0-mRNA-1	NA	NA		0	OsR498G0613164900.01.T06	BTB domain-containing protein
maker-6-augustus-gene-282.10-mRNA-1	NA	NA		0	OsR498G0613167600.01.T04	Metal transporter Nramp3
maker-6-augustus-gene-282.18-mRNA-1	NA	NA	Kinase-TM	Os06g0676600	OsR498G0613170800.01.T03	Putative leucine-rich repeat receptor-like serine/threonine-protein kinase
maker-6-augustus-gene-282.5-mRNA-1	NA	NA		Os06g0675600	OsR498G0613166500.01.T01	NAC transcription factor 7
maker-6-augustus-gene-282.7-mRNA-1	NA	NA		Os06g0675700	OsR498G0613167000.01.T01	Glycosyl hydrolases family 31 protein
maker-6-augustus-gene-283.22-mRNA-1	NA	NA		Os06g0676700	OsR498G0613171300.01.T01	Glycosyl hydrolase family 31 protein
maker-6-augustus-gene-283.25-mRNA-1	NA	NA		Os06g0677300	OsR498G0613173300.01.T01	RING-CH-type domain-containing protein (Fragment)
maker-6-augustus-gene-283.29-mRNA-1	NA	NA		Os06g0677400	OsR498G0613173500.01.T04	3-hydroxyisobutyrate dehydrogenase
maker-6-augustus-gene-283.34-mRNA-1	NA	NA	LRR	Os06g0677500	OsR498G0613173700.01.T01	Protein geranylgeranyltransferase type II
maker-6-augustus-gene-283.45-mRNA-1	NA	Japonica		Os06g0677000	OsR498G0613171800.01.T02	Patatin group A-3
maker-6-augustus-gene-283.47-mRNA-1	NA	NA		Os06g0677800	OsR498G0613174400.01.T03	Auxin response factor
maker-6-augustus-gene-283.52-mRNA-1	NA	NA		Os06g0678200	OsR498G0613178200.01.T01	Geranyl pyrophosphate synthase
maker-6-augustus-gene-284.33-mRNA-1	NA	NA		Os02g0656300	OsR498G0204447900.01.T01	Cell division cycle protein 23
maker-6-augustus-gene-284.34-mRNA-1	NA	NA		Os06g0679100	OsR498G0204447900.01.T01	anaphase-promoting complex subunit 8
maker-6-augustus-gene-284.41-mRNA-1	NA	NA		Os06g0679500	OsR498G0613183300.01.T01	Hexosyltransferase
maker-6-augustus-gene-284.46-mRNA-1	NA	Indica		Os06g0679800	OsR498G0613183900.01.T01	Heat shock protein 16
maker-6-augustus-gene-284.51-mRNA-1	NA	NA				BEACH domain-containing protein lvsC
maker-6-augustus-gene-284.56-mRNA-1	NA	NA		Os06g0678800	OsR498G0613181000.01.T01	L-ascorbate oxidase homolog isoform X1
maker-6-augustus-gene-284.59-mRNA-1	NA	NA		Os06g0679400	OsR498G0613183000.01.T01	Myb domain protein 101
maker-6-augustus-gene-284.61-mRNA-1	NA	NA		0	OsR498G0613183800.01.T01	RNI-like superfamily protein isoform 1
maker-6-augustus-gene-285.0-mRNA-1	NA	NA		Os06g0680500	OsR498G0613191100.01.T03	Glutamate receptor
maker-6-augustus-gene-285.12-mRNA-1	NA	Indica		Os11g0599101	OsR498G0613193200.01.T01	DUF629 domain-containing protein
maker-6-augustus-gene-285.14-mRNA-1	NA	Japonica		Os06g0681100	OsR498G0613194000.01.T01	DUF629 domain-containing protein
maker-6-augustus-gene-285.16-mRNA-1	NA	NA		Os06g0681200	OsR498G0613194400.01.T01	Phytocyanin domain-containing protein (Fragment)
maker-6-augustus-gene-285.5-mRNA-1	NA	NA		0	OsR498G0613191300.01.T01	Cytochrome P450, E-class, group I
maker-6-augustus-gene-285.7-mRNA-1	NA	NA		Os06g0680900	OsR498G0613192000.01.T01	Exostosin domain-containing protein
maker-6-augustus-gene-285.9-mRNA-1	NA	NA		0	OsR498G0613192000.01.T02	Glucose-6-phosphate/phosphate translocator 2, chloroplastic
maker-6-augustus-gene-286.0-mRNA-1	NA	NA		Os06g0681600	OsR498G0613197300.01.T01	Peroxidase
maker-6-augustus-gene-286.13-mRNA-1	NA	Japonica		Os06g0682750	OsR498G0613199200.01.T01	SWAP/surp RNA-binding domain-containing protein isoform 2
maker-6-augustus-gene-286.19-mRNA-1	NA	NA				Zinc finger CCH domain-containing protein 13
maker-6-augustus-gene-286.25-mRNA-1	NA	NA		Os06g0682900	OsR498G0613199600.01.T02	Protein HEAT-STRESS-ASSOCIATED 32
maker-6-augustus-gene-286.3-mRNA-1	NA	NA		Os06g0681700	OsR498G0613197700.01.T01	thiamine-repressible mitochondrial transport protein THI74
maker-6-augustus-gene-286.31-mRNA-1	NA	NA		Os06g0683200	OsR498G0613200400.01.T01	KOW domain-containing protein
maker-6-augustus-gene-286.5-mRNA-1	NA	NA		Os06g0683000	OsR498G0613199900.01.T01	Dihydroflavonol-4-reductase-like isoform X1
maker-6-augustus-gene-286.7-mRNA-1	NA	Indica		Os06g0683300	OsR498G0613200500.01.T05	Beta-glucosidase 25
maker-6-augustus-gene-287.0-mRNA-1	NA	NA		0	OsR498G0100584200.01.T01	Retrotransposon protein, putative, Ty3-gypsy sub-class
maker-6-augustus-gene-287.10-mRNA-1	NA	NA		Os06g0685700	OsR498G0613206900.01.T04	Auxin response factor
maker-6-augustus-gene-287.13-mRNA-1	NA	NA		Os06g0684000	OsR498G0613203200.01.T03	
maker-6-augustus-gene-287.20-mRNA-1	NA	NA		0	OsR498G0613204600.01.T01	FBD domain-containing protein
maker-6-augustus-gene-287.22-mRNA-1	NA	NA		Os06g0685200	OsR498G0613205200.01.T01	
maker-6-augustus-gene-288.0-mRNA-1	NA	NA		0	OsR498G1019076900.01.T01	Retrotransposon protein, putative, unclassified
maker-6-augustus-gene-289.62-mRNA-1	NA	NA		Os06g0688500		
maker-6-augustus-gene-29.0-mRNA-1	NA	NA				DUF676 domain-containing protein
maker-6-augustus-gene-29.11-mRNA-1	NA	NA		Os06g0155300	OsR498G0611650500.01.T06	Calmodulin binding protein, putative
maker-6-augustus-gene-29.13-mRNA-1	NA	NA		Os06g0155600	OsR498G0611650900.01.T01	Putative AAA domain-containing protein, R3H
maker-6-augustus-gene-29.18-mRNA-1	NA	NA		Os06g0155900	OsR498G0611651500.01.T01	LRR receptor-like serine/threonine-protein kinase GSO2
maker-6-augustus-gene-29.22-mRNA-1	NA	NA		Os06g0156600	OsR498G0611653300.01.T01	GDSL esterase/lipase
maker-6-augustus-gene-29.29-mRNA-1	NA	NA		Os06g0154500	OsR498G0611646000.01.T03	Mitogen-activated protein kinase
maker-6-augustus-gene-29.33-mRNA-1	NA	Japonica		Os06g0154600	OsR498G0917948700.01.T07	7,8-dihydroneopterin aldolase
maker-6-augustus-gene-29.35-mRNA-1	NA	NA				Glutamate receptor
maker-6-augustus-gene-29.36-mRNA-1	NA	NA		Os06g0155400		LRR receptor-like serine/threonine-protein kinase GSO2
maker-6-augustus-gene-29.37-mRNA-1	NA	NA		Os06g0155500	OsR498G0611650800.01.T03	3'-N-debenzoyl-2'-deoxytaxol N-benzoyltransferase
maker-6-augustus-gene-29.42-mRNA-1	NA	Indica		Os06g0156400	OsR498G0611652400.01.T01	Carboxylic ester hydrolase/ hydrolase, acting on ester bonds
maker-6-augustus-gene-29.7-mRNA-1	NA	NA		0	OsR498G0611647900.01.T01	Putative RING-type E3 ubiquitin ligase
maker-6-augustus-gene-293.51-mRNA-1	NA	NA		Os06g0697000	OsR498G0613240400.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-6-augustus-gene-294.41-mRNA-1	NA	NA		Os06g0698785	OsR498G0613247300.01.T01	Choline monooxygenase, chloroplastic
maker-6-augustus-gene-294.44-mRNA-1	NA	NA		0	OsR498G0613243800.01.T01	Homeobox-leucine zipper protein HOX18
maker-6-augustus-gene-294.46-mRNA-1	NA	NA		0	OsR498G0613244800.01.T02	PPM-type phosphatase domain-containing protein
maker-6-augustus-gene-294.52-mRNA-1	NA	NA		Os06g0698859	OsR498G0613248000.01.T01	Serrate RNA effector molecule
maker-6-augustus-gene-294.56-mRNA-1	NA	Indica		Os02g0148500	OsR498G0613248200.01.T01	GATA transcription factor 20
maker-6-augustus-gene-295.0-mRNA-1	NA	NA		Os04g0172400		Acyl transferase 15

maker-6-augustus-gene-295.16-mRNA-1	NA	NA		Os06g0699200	OsR498G0613249000.01.T01	Purple acid phosphatase 28
maker-6-augustus-gene-295.22-mRNA-1	NA	NA		Os09g0326800	OsR498G0613251400.01.T02	26S proteasome non-ATPase regulatory subunit 2 A
maker-6-augustus-gene-295.32-mRNA-1	NA	NA		Os06g0700500	OsR498G0613253200.01.T05	Core-2/l-branching beta-16-N-acetylglucosaminyltransferase family protein
maker-6-augustus-gene-295.4-mRNA-1	NA	NA		0	OsR498G0613250700.01.T03	p-aminobenzoic acid synthase
maker-6-augustus-gene-295.8-mRNA-1	NA	NA		0	OsR498G0613250900.01.T01	ENTH domain-containing protein (Fragment)
maker-6-augustus-gene-296.21-mRNA-1	NA	Indica		Os06g0700650	OsR498G0613253600.01.T02	Heavy metal transporting P1B-ATPase 2
maker-6-augustus-gene-296.25-mRNA-1	NA	NA		Os06g0701100	OsR498G0613254600.01.T04	Translation initiation factor
maker-6-augustus-gene-296.27-mRNA-1	NA	NA		Os06g0701200	OsR498G0613254800.01.T01	UDP-N-acetylglucosamine pyrophosphorylase
maker-6-augustus-gene-296.33-mRNA-1	NA	Indica		Os06g0701300	OsR498G0613255000.01.T01	Putative aarF domain-containing protein kinase
maker-6-augustus-gene-296.41-mRNA-1	NA	NA		Os06g0701400	OsR498G0613255600.01.T01	60s acidic ribosomal protein-domain-containing protein
maker-6-augustus-gene-296.43-mRNA-1	NA	NA		Os06g0701600	OsR498G0613256400.01.T02	Probable cation transporter HKT9
maker-6-augustus-gene-296.46-mRNA-1	NA	NA		Os06g0701700	OsR498G0613256600.01.T01	HKT24 transporter
maker-6-augustus-gene-298.14-mRNA-1	NA	Japonica		Os06g0703300	OsR498G0613266700.01.T02	DUF4220 domain-containing protein (Fragment)
maker-6-augustus-gene-298.18-mRNA-1	NA	Indica		Os06g0703800	OsR498G0613267900.01.T01	Chaperone binding,ATPase activators
maker-6-augustus-gene-298.27-mRNA-1	NA	NA		Os09g0443400	OsR498G1120714100.01.T02	Glycine-rich RNA-binding protein-like
maker-6-augustus-gene-298.32-mRNA-1	NA	NA		Os06g0703500	OsR498G0613267000.01.T02	Squamosa-promoter binding protein-like protein
maker-6-augustus-gene-299.38-mRNA-1	NA	NA		Os06g0704000		DUF659 domain-containing protein
maker-6-augustus-gene-299.43-mRNA-1	NA	NA		Os06g0704300	OsR498G0613270500.01.T03	Zinc finger CCH domain-containing protein 46
maker-6-augustus-gene-299.48-mRNA-1	NA	NA		Os06g0704900	OsR498G0613272300.01.T01	Putative tRNA (cytidine(32)/guanosine(34)-2'-O)-methyltransferase
maker-6-augustus-gene-299.56-mRNA-1	NA	NA		Os06g0705100	OsR498G0613272900.01.T01	Thylakoid luminal protein, chloroplastic
maker-6-augustus-gene-299.60-mRNA-1	NA	NA		Os06g0704200	OsR498G0613270400.01.T01	
maker-6-augustus-gene-299.63-mRNA-1	NA	NA		Os06g0704600		Delta-aminolevulinic acid dehydratase
maker-6-augustus-gene-299.65-mRNA-1	NA	NA		Os06g0704700	OsR498G0613271600.01.T06	Hopanoid-associated sugar epimerase
maker-6-augustus-gene-299.69-mRNA-1	NA	NA				Histone acetyltransferase
maker-6-augustus-gene-299.73-mRNA-1	NA	Japonica		Os06g0705300	OsR498G0202925100.01.T04	Plant-specific domain TIGR01589 family protein
maker-6-augustus-gene-299.75-mRNA-1	NA	NA		Os06g0705500	OsR498G0613274600.01.T01	CUE domain-containing protein
maker-6-augustus-gene-30.37-mRNA-1	NA	NA		Os06g0156900	OsR498G0611653900.01.T01	Hexosyltransferase
maker-6-augustus-gene-30.41-mRNA-1	NA	Japonica		Os06g0157500	OsR498G0611656900.01.T01	
maker-6-augustus-gene-30.43-mRNA-1	NA	NA		Os06g0157700	OsR498G0611656900.01.T01	PEBP
maker-6-augustus-gene-30.45-mRNA-1	NA	NA		0	OsR498G0611657900.01.T01	Non-specific lipid-transfer protein
maker-6-augustus-gene-30.47-mRNA-1	NA	NA		Os06g0158000	OsR498G0611658100.01.T03	Fatty acyl-CoA synthetase A
maker-6-augustus-gene-30.53-mRNA-1	NA	NA		Os06g0158100	OsR498G0611658300.01.T02	WRKY transcription factor
maker-6-augustus-gene-30.55-mRNA-1	NA	NA				Sulfotransferase
maker-6-augustus-gene-30.60-mRNA-1	NA	Indica		Os06g0157000	OsR498G0611654200.01.T02	GDSL esterase/lipase
maker-6-augustus-gene-30.64-mRNA-1	NA	NA	NBS-TM	Os06g0158300	OsR498G0611659000.01.T02	Putative NB-ARC domain-containing protein (Fragment)
maker-6-augustus-gene-30.68-mRNA-1	NA	NA	CC-LRR-NBS-TM	Os06g0158500	OsR498G0611659400.01.T01	Putative NB-ARC domain-containing protein (Fragment)
maker-6-augustus-gene-30.70-mRNA-1	NA	NA		Os06g0158600	OsR498G0611659600.01.T01	Hevamine-a
maker-6-augustus-gene-300.52-mRNA-1	NA	NA		Os06g0705700	OsR498G0613275500.01.T01	Peptide transporter PTR2
maker-6-augustus-gene-300.67-mRNA-1	NA	Indica		Os06g0707000	OsR498G0613278200.01.T01	Glycosyltransferase family 61 protein
maker-6-augustus-gene-300.70-mRNA-1	NA	NA		Os06g0707200	OsR498G0613278600.01.T01	Protein O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase 2-like
maker-6-augustus-gene-301.44-mRNA-1	NA	NA		0	OsR498G0613282100.01.T01	Type 2 DNA topoisomerase 6 subunit B-like
maker-6-augustus-gene-301.65-mRNA-1	NA	NA		Os06g0710800	OsR498G0613286900.01.T05	Pentatricopeptide repeat-containing protein, mitochondrial
maker-6-augustus-gene-301.67-mRNA-1	NA	NA				Putative isoprenylcysteine alpha-carbonyl methyltransferase ICME
maker-6-augustus-gene-302.46-mRNA-1	NA	Indica		Os06g0711900	OsR498G0613290700.01.T01	AAI domain-containing protein
maker-6-augustus-gene-302.48-mRNA-1	NA	NA		Os06g0712300	OsR498G0613291900.01.T02	Lysophospholipid acyltransferase LPEAT2
maker-6-augustus-gene-302.52-mRNA-1	NA	NA		Os06g0712400	OsR498G0613292600.01.T02	NF-E2 inducible protein-like
maker-6-augustus-gene-303.0-mRNA-1	NA	Indica		Os09g0531900	OsR498G0613293100.01.T01	Hexosyltransferase
maker-6-augustus-gene-303.11-mRNA-1	NA	NA		Os06g0712900	OsR498G0613296000.01.T01	FMN-linked oxidoreductases superfamily protein
maker-6-augustus-gene-303.13-mRNA-1	NA	NA		Os06g0713100	OsR498G0613297400.01.T01	Mitochondrion protein
maker-6-augustus-gene-303.27-mRNA-1	NA	NA		Os06g0714100	OsR498G0613298800.01.T01	
maker-6-augustus-gene-303.5-mRNA-1	NA	Indica		Os11g0186300	OsR498G0613295700.01.T02	probable methyltransferase PMT27
maker-6-augustus-gene-306.35-mRNA-1	NA	NA				NF-E2 inducible protein-like
maker-6-augustus-gene-306.42-mRNA-1	NA	NA				Homeobox-leucine zipper protein HOX29
maker-6-augustus-gene-306.49-mRNA-1	NA	Indica		Os06g0724000	OsR498G0613324000.01.T01	BZIP transcription factor
maker-6-augustus-gene-306.56-mRNA-1	NA	NA				NF-E2 inducible protein-like
maker-6-augustus-gene-306.63-mRNA-1	NA	NA		Os06g0722100	OsR498G0613323500.01.T01	DUF1618 domain-containing protein (Fragment)
maker-6-augustus-gene-307.32-mRNA-1	NA	NA				Homeobox-leucine zipper protein HOX29
maker-6-augustus-gene-307.39-mRNA-1	NA	NA				
maker-6-augustus-gene-307.40-mRNA-1	NA	NA		Os06g0722100	OsR498G0613323500.01.T01	DUF1618 domain-containing protein (Fragment)
maker-6-augustus-gene-307.51-mRNA-1	NA	Indica		Os06g0724600	OsR498G0613325900.01.T01	RRM domain-containing protein (Fragment)
maker-6-augustus-gene-307.57-mRNA-1	NA	Indica		Os06g0724800	OsR498G0613327500.01.T01	Transcription factor bHLH93

maker-6-augustus-gene-307.59-mRNA-1	NA	NA		Os06g0722100	OsR498G0613323500.01.T01	DUF1618 domain-containing protein (Fragment)
maker-6-augustus-gene-307.61-mRNA-1	NA	NA		Os06g0722100	OsR498G0613323500.01.T01	DUF1618 domain-containing protein (Fragment)
maker-6-augustus-gene-307.63-mRNA-1	NA	NA				Putative retroelement
maker-6-augustus-gene-307.66-mRNA-1	NA	Indica		Os06g0724000	OsR498G0613324000.01.T01	BZIP transcription factor
maker-6-augustus-gene-307.73-mRNA-1	NA	NA		Os06g0724300	OsR498G0613325200.01.T02	DUF616 domain-containing protein
maker-6-augustus-gene-307.77-mRNA-1	NA	NA		Os06g0724400	OsR498G0613325600.01.T01	DNL-type domain-containing protein
maker-6-augustus-gene-307.80-mRNA-1	NA	NA		Os06g0724500	OsR498G0613325800.01.T01	DDB1-and CUL4-associated factor like
maker-6-augustus-gene-308.0-mRNA-1	NA	NA	Kinase-TM	Os06g0724900	OsR498G0613327700.01.T03	Serine/threonine-protein kinase sty46
maker-6-augustus-gene-308.11-mRNA-1	NA	NA		0	OsR498G0613328000.01.T02	Rhodanese domain-containing protein (Fragment)
maker-6-augustus-gene-308.16-mRNA-1	NA	NA		Os06g0725100	OsR498G0613328200.01.T01	GDSL esterase/lipase
maker-6-augustus-gene-308.18-mRNA-1	NA	Indica		Os06g0725200	OsR498G0613328600.01.T01	GDSL esterase/lipase
maker-6-augustus-gene-308.5-mRNA-1	NA	Japonica		Os06g0725400	OsR498G0613329300.01.T02	NADH dehydrogenase 1 beta subcomplex subunit 2
maker-6-augustus-gene-31.0-mRNA-1	NA	NA		Os06g0158700	OsR498G0611659700.01.T01	Lactoylglutathione lyase / glyoxalase I family protein
maker-6-augustus-gene-31.14-mRNA-1	NA	Indica		Os12g0562700	OsR498G0611660200.01.T02	ABC transporter C family member 10
maker-6-augustus-gene-31.2-mRNA-1	NA	NA		Os06g0159400	OsR498G0611660500.01.T02	Putative Heat shock protein STI
maker-6-augustus-gene-31.22-mRNA-1	NA	Japonica		Os06g0159750	OsR498G0611661000.01.T01	histone H3-like centromeric protein CSE4
maker-6-augustus-gene-31.24-mRNA-1	NA	NA		Os06g0160200	OsR498G0611662600.01.T01	Lanatoside 15'-O-acetylesterase
maker-6-augustus-gene-31.26-mRNA-1	NA	Indica		Os06g0160400	OsR498G0611662800.01.T01	Proline-rich cell wall protein-like
maker-6-augustus-gene-31.28-mRNA-1	NA	NA		Os06g0160600	OsR498G0611664800.01.T02	
maker-6-augustus-gene-31.30-mRNA-1	NA	NA		0	OsR498G0611665000.01.T01	Starch synthase, chloroplastic/amyloplastic
maker-6-augustus-gene-31.5-mRNA-1	NA	NA		Os06g0159600	OsR498G0611661100.01.T02	Putative Heat shock protein STI
maker-6-augustus-gene-31.8-mRNA-1	NA	NA		Os06g0159900	OsR498G0611662100.01.T05	E3 ubiquitin ligase
maker-6-augustus-gene-312.86-mRNA-1	NA	Indica		Os06g0703800	OsR498G0613267900.01.T02	Activator of 90 kDa heat shock protein ATPase
maker-6-augustus-gene-312.90-mRNA-1	NA	Indica		Os06g0707000	OsR498G0613278200.01.T01	Glycosyltransferase family 61 protein
maker-6-augustus-gene-32.0-mRNA-1	NA	NA		0	OsR498G0611667500.01.T02	FBD domain-containing protein
maker-6-augustus-gene-32.10-mRNA-1	NA	Indica		Os06g0161900	OsR498G0611670100.01.T01	DUF569 domain-containing protein
maker-6-augustus-gene-32.19-mRNA-1	NA	NA		Os06g0162500	OsR498G0611670900.01.T01	probable 2-oxoglutarate-dependent dioxygenase ANS
maker-6-augustus-gene-32.21-mRNA-1	NA	NA		0	OsR498G0611671900.01.T01	MYB transcription factor-like
maker-6-augustus-gene-32.23-mRNA-1	NA	NA		Os06g0163200	OsR498G0611673700.01.T01	Putative esterase YitV
maker-6-augustus-gene-32.27-mRNA-1	NA	NA		0	OsR498G0611671400.01.T01	Carotenoid cleavage dioxygenase
maker-6-augustus-gene-32.30-mRNA-1	NA	NA		Os06g0162600	OsR498G0611671800.01.T02	MTS domain-containing protein
maker-6-augustus-gene-32.36-mRNA-1	NA	NA		Os06g0162800	OsR498G0611672200.01.T01	Leafy hull sterile 1-like protein (Fragment)
maker-6-augustus-gene-32.42-mRNA-1	NA	NA	CC-Kinase-TM	Os06g0163000	OsR498G0611673200.01.T03	E3 ubiquitin ligase
maker-6-augustus-gene-32.5-mRNA-1	NA	NA		Os06g0161400	OsR498G0611668700.01.T01	
maker-6-augustus-gene-32.9-mRNA-1	NA	NA		Os06g0161900	OsR498G0611669700.01.T01	DUF569 domain-containing protein
maker-6-augustus-gene-33.0-mRNA-1	NA	NA		Os06g0163300	OsR498G0611674100.01.T02	Harpin-induced protein
maker-6-augustus-gene-33.14-mRNA-1	NA	NA		0	OsR498G0611677500.01.T01	Transcription factor SPATULA
maker-6-augustus-gene-33.2-mRNA-1	NA	NA		Os06g0163400	OsR498G0611674700.01.T01	Protein disulfide-isomerase A1
maker-6-augustus-gene-33.21-mRNA-1	NA	NA		0	OsR498G0611678100.01.T04	
maker-6-augustus-gene-33.23-mRNA-1	NA	NA		0	OsR498G0611675200.01.T01	Alpha/beta hydrolase-1
maker-6-augustus-gene-33.29-mRNA-1	NA	NA	LRR-NBS-TM	Os06g0163800	OsR498G0611676000.01.T01	Disease resistance protein RPP13
maker-6-augustus-gene-33.31-mRNA-1	NA	NA		Os06g0164000	OsR498G0611676600.01.T02	SP-RING-type domain-containing protein
maker-6-augustus-gene-33.41-mRNA-1	NA	NA		Os06g0164100	OsR498G0611677000.01.T01	Serine/threonine-protein phosphatase
maker-6-augustus-gene-33.8-mRNA-1	NA	Indica		Os06g0163500	OsR498G0611674900.01.T01	Membrane-bound transcription factor site-1 protease
maker-6-augustus-gene-34.0-mRNA-1	NA	NA		0	OsR498G0611679700.01.T02	
maker-6-augustus-gene-34.11-mRNA-1	NA	NA		Os06g0167100	OsR498G0611684900.01.T05	AP-1 complex subunit gamma
maker-6-augustus-gene-34.19-mRNA-1	NA	NA		Os06g0166000	OsR498G0611681600.01.T02	F-box domain and LRR containing protein
maker-6-augustus-gene-34.2-mRNA-1	NA	Indica		Os06g0165800	OsR498G0611680700.01.T03	Caffeoyl CoA O-methyltransferase
maker-6-augustus-gene-34.23-mRNA-1	NA	NA		Os06g0166500	OsR498G0611683600.01.T02	Auxin-responsive protein IAA20
maker-6-augustus-gene-34.26-mRNA-1	NA	NA		0	OsR498G0611684400.01.T01	Pre-mRNA-processing-splicing factor 8A
maker-6-augustus-gene-34.5-mRNA-1	NA	NA				SWIM-type domain-containing protein
maker-6-augustus-gene-34.7-mRNA-1	NA	NA	Kinase-TM	Os06g0166900	OsR498G0611684100.01.T01	Mitogen-activated protein kinase kinase kinase
maker-6-augustus-gene-35.35-mRNA-1	NA	NA		Os06g0167400	OsR498G0714733700.01.T03	Alkyl transferase
maker-6-augustus-gene-35.37-mRNA-1	NA	NA	LRR-TM	Os06g0167500	OsR498G0611685900.01.T01	Malectin domain-containing protein (Fragment)
maker-6-augustus-gene-35.46-mRNA-1	NA	NA		Os06g0168000	OsR498G0611686700.01.T01	Mitochondrial outer membrane import complex protein METAXIN
maker-6-augustus-gene-35.49-mRNA-1	NA	NA		0	OsR498G0611688900.01.T01	X8 domain-containing protein
maker-6-augustus-gene-35.53-mRNA-1	NA	NA				
maker-6-augustus-gene-35.54-mRNA-1	NA	NA		0	OsR498G0611687000.01.T04	
maker-6-augustus-gene-35.57-mRNA-1	NA	NA		Os06g0168500	OsR498G0611687600.01.T01	t-SNARE coiled-coil homology domain-containing protein
maker-6-augustus-gene-35.67-mRNA-1	NA	NA	Kinase-TM	Os06g0168800	OsR498G0611688600.01.T01	Mitogen-activated protein kinase kinase kinase
maker-6-augustus-gene-36.0-mRNA-1	NA	NA		Os06g0170200	OsR498G0611689300.01.T01	Mannose/glucose-specific lectin

maker-6-augustus-gene-36.10-mRNA-1	NA	NA		0	OsR498G0714849700.01.T01	L10-interacting MYB domain-containing protein
maker-6-augustus-gene-36.12-mRNA-1	NA	NA	Kinase-TM	Os06g0170250		Putative WAK family receptor-like protein kinase
maker-6-augustus-gene-36.15-mRNA-1	NA	NA		Os06g0170500	OsR498G0611692400.01.T01	Zinc finger CCCH domain-containing protein 4
maker-6-augustus-gene-36.5-mRNA-1	NA	NA		Os06g0161900	OsR498G0611693600.01.T02	DUF569 domain-containing protein
maker-6-augustus-gene-37.0-mRNA-1	NA	NA		Os06g0170500	OsR498G0611692400.01.T01	Zinc finger CCCH domain-containing protein 4
maker-6-augustus-gene-37.1-mRNA-1	NA	NA	Kinase-TM	Os06g0170250		Putative WAK family receptor-like protein kinase
maker-6-augustus-gene-37.14-mRNA-1	NA	Indica		Os06g0161900	OsR498G0204888100.01.T01	DUF569 domain-containing protein
maker-6-augustus-gene-37.16-mRNA-1	NA	NA		Os06g0171700	OsR498G0611697700.01.T01	CDK-activating kinase assembly factor MAT1
maker-6-augustus-gene-37.28-mRNA-1	NA	Indica		Os06g0171600	OsR498G0611697600.01.T01	ALBINO3-like protein 2 chloroplastic
maker-6-augustus-gene-37.38-mRNA-1	NA	Indica		Os06g0172800	OsR498G0611702200.01.T01	Galactinol--sucrose galactosyltransferase
maker-6-augustus-gene-38.32-mRNA-1	NA	NA		0	OsR498G0611702700.01.T01	Telomere-associated protein RIF1
maker-6-augustus-gene-38.36-mRNA-1	NA	NA		Os06g0173100	OsR498G0611703100.01.T02	26S proteasome regulatory particle triple-A ATPase protein
maker-6-augustus-gene-38.41-mRNA-1	NA	Indica		Os06g0174325	OsR498G0611707300.01.T02	Sulfiredoxin
maker-6-augustus-gene-38.45-mRNA-1	NA	Indica		Os06g0174350	OsR498G0611707500.01.T02	DCD domain-containing protein (Fragment)
maker-6-augustus-gene-38.50-mRNA-1	NA	NA		0	OsR498G0611707700.01.T01	DCD domain-containing protein
maker-6-augustus-gene-38.52-mRNA-1	NA	NA		0	OsR498G0611707200.01.T01	SANT domain-containing protein
maker-6-augustus-gene-38.54-mRNA-1	NA	NA		Os06g0174400	OsR498G0611708000.01.T03	Vesicle-associated membrane protein 713
maker-6-augustus-gene-39.46-mRNA-1	NA	NA		Os06g0175800	OsR498G0611712100.01.T02	Cys/Met metabolism
maker-6-augustus-gene-39.53-mRNA-1	NA	NA		Os06g0176200	OsR498G0611713100.01.T04	Hexosyltransferase
maker-6-augustus-gene-39.56-mRNA-1	NA	Japonica		Os06g0177600	OsR498G0611713300.01.T02	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-6-augustus-gene-39.58-mRNA-1	NA	NA		Os06g0177700	OsR498G0611713700.01.T02	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-6-augustus-gene-39.59-mRNA-1	NA	NA		Os06g0178100	OsR498G0611713700.01.T03	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-6-augustus-gene-39.72-mRNA-1	NA	Indica		Os06g0178300	OsR498G0611714100.01.T03	Oxoglutarate/iron-dependent dioxygenase
maker-6-augustus-gene-39.73-mRNA-1	NA	NA		Os06g0178700	OsR498G0611714100.01.T04	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-6-augustus-gene-39.82-mRNA-1	NA	NA		Os06g0175400	OsR498G0611710800.01.T01	BSD domain-containing protein (Fragment)
maker-6-augustus-gene-39.84-mRNA-1	NA	NA		Os06g0175500	OsR498G0611711000.01.T01	ENTH domain-containing protein (Fragment)
maker-6-augustus-gene-39.89-mRNA-1	NA	NA				30S ribosomal protein S15, chloroplastic
maker-6-augustus-gene-40.38-mRNA-1	NA	Indica		Os06g0178900	OsR498G0611716100.01.T01	H(+)-exporting diphosphatase
maker-6-augustus-gene-40.43-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0611724300.01.T05	Serine/threonine-protein kinase
maker-6-augustus-gene-40.49-mRNA-1	NA	NA		Os06g0181300	OsR498G0611724500.01.T01	Terminal acidic SANT 1
maker-6-augustus-gene-40.52-mRNA-1	NA	NA		Os06g0179000	OsR498G0611716600.01.T01	Heparanase-like protein 3
maker-6-augustus-gene-40.53-mRNA-1	NA	NA		Os06g0179200	OsR498G0611717600.01.T01	Nodulin-like domain-containing protein
maker-6-augustus-gene-40.68-mRNA-1	NA	NA		Os06g0179700	OsR498G0611718800.01.T01	Protein-serine/threonine phosphatase
maker-6-augustus-gene-40.71-mRNA-1	NA	NA	LRR-TM	Os06g0179800	OsR498G0611719000.01.T04	Putative leucine-rich repeat domain, L domain-containing protein
maker-6-augustus-gene-40.76-mRNA-1	NA	Indica		Os06g0180000	OsR498G0611719400.01.T02	Hydroxyproline O-arabinosyltransferase
maker-6-augustus-gene-40.80-mRNA-1	NA	NA		0	OsR498G0611719800.01.T01	
maker-6-augustus-gene-40.82-mRNA-1	NA	NA		0	OsR498G0611721200.01.T01	
maker-6-augustus-gene-40.84-mRNA-1	NA	NA				
maker-6-augustus-gene-40.86-mRNA-1	NA	NA		0	OsR498G0611722000.01.T03	RING-H2 zinc finger protein-like
maker-6-augustus-gene-41.25-mRNA-1	NA	Indica		Os06g0181400	OsR498G0611724700.01.T05	DAO domain-containing protein (Fragment)
maker-6-augustus-gene-41.31-mRNA-1	NA	Indica		Os06g0181700	OsR498G0611726300.01.T01	Ethylene-responsive transcription factor
maker-6-augustus-gene-42.0-mRNA-1	NA	NA		Os06g0183100	OsR498G0611732100.01.T01	Two-component response regulator
maker-6-augustus-gene-42.10-mRNA-1	NA	NA		0	OsR498G0611733400.01.T04	CHD3-type chromatin-remodeling factor PICKLE
maker-6-augustus-gene-42.22-mRNA-1	NA	NA		Os06g0184300	OsR498G0611735600.01.T01	Ubiquitin carboxyl-terminal hydrolase
maker-6-augustus-gene-42.3-mRNA-1	NA	NA		0	OsR498G0611732400.01.T01	Sensor protein gacS
maker-6-augustus-gene-43.44-mRNA-1	NA	NA		Os06g0184500	OsR498G0611736400.01.T01	BTB/POZ domain-containing protein NPY1
maker-6-augustus-gene-44.40-mRNA-1	NA	Indica		Os06g0187200	OsR498G0611744800.01.T01	UDP-glucuronate 4-epimerase 1
maker-6-augustus-gene-45.0-mRNA-1	NA	NA		Os06g0187900	OsR498G0611747100.01.T08	Serine/arginine-rich splicing factor 7
maker-6-augustus-gene-45.16-mRNA-1	NA	NA		0	OsR498G0611748000.01.T01	Glutamate receptor
maker-6-augustus-gene-45.4-mRNA-1	NA	Indica		Os06g0188000	OsR498G0611747500.01.T01	Cyclic nucleotide-gated ion channel 17
maker-6-augustus-gene-46.0-mRNA-1	NA	NA		0	OsR498G0100693500.01.T01	Transposable element protein, putative, MuDR
maker-6-augustus-gene-46.19-mRNA-1	NA	Indica		Os06g0188800	OsR498G0611751000.01.T01	PBPc domain-containing protein
maker-6-augustus-gene-46.2-mRNA-1	NA	NA				Retrotransposon protein, putative, Ty3-gypsy sub-class
maker-6-augustus-gene-46.21-mRNA-1	NA	NA				PBPc domain-containing protein
maker-6-augustus-gene-46.6-mRNA-1	NA	Indica		Os06g0190700	OsR498G0611748600.01.T01	PBPc domain-containing protein (Fragment)
maker-6-augustus-gene-48.49-mRNA-1	NA	NA		Os06g0193400	OsR498G0611763200.01.T03	Transcription factor bHLH82
maker-6-augustus-gene-49.7-mRNA-1	NA	NA		Os06g0195600	OsR498G0611776200.01.T02	Phosphoinositide phosphatase SAC2
maker-6-augustus-gene-50.45-mRNA-1	NA	NA		0	OsR498G0611782500.01.T05	Auxin response factor
maker-6-augustus-gene-50.58-mRNA-1	NA	NA		Os06g0196900	OsR498G0611782900.01.T05	20 kDa chaperonin chloroplastic
maker-6-augustus-gene-50.75-mRNA-1	NA	NA		Os06g0196600	OsR498G0611780800.01.T03	Beta-ketoacyl-[acyl-carrier-protein] synthase I
maker-6-augustus-gene-51.40-mRNA-1	NA	NA		0	OsR498G0611788500.01.T01	

maker-6-augustus-gene-51.44-mRNA-1	NA	NA				G protein-coupled receptor
maker-6-augustus-gene-51.49-mRNA-1	NA	NA		Os06g0198500	OsR498G0611788200.01.T01	Liver carboxylesterase (Fragment)
maker-6-augustus-gene-51.51-mRNA-1	NA	Indica		Os06g0198500	OsR498G0611788400.01.T01	RmlC-like jelly roll fold
maker-6-augustus-gene-51.53-mRNA-1	NA	NA		0	OsR498G0611789000.01.T01	25.3 kDa vesicle transport protein, putative, expressed
maker-6-augustus-gene-51.59-mRNA-1	NA	Indica		Os06g0199100	OsR498G0611789800.01.T07	Chloroplast RNA splicing4
maker-6-augustus-gene-51.62-mRNA-1	NA	NA		Os06g0199200	OsR498G0611790200.01.T06	Smr domain-containing protein (Fragment)
maker-6-augustus-gene-51.66-mRNA-1	NA	NA		Os06g0199500	OsR498G0611791800.01.T04	Flavoprotein domain-containing protein (Fragment)
maker-6-augustus-gene-52.42-mRNA-1	NA	Indica		Os06g0202700	OsR498G0611802900.01.T01	
maker-6-augustus-gene-52.44-mRNA-1	NA	NA		Os09g0545320		Iron/ascorbate-dependent oxidoreductase-like
maker-6-augustus-gene-52.47-mRNA-1	NA	Indica		Os06g0202800	OsR498G0611803600.01.T01	FBD domain-containing protein (Fragment)
maker-6-augustus-gene-53.0-mRNA-1	NA	Indica		Os02g0778400	OsR498G0611807100.01.T03	Adenylate kinase
maker-6-augustus-gene-53.10-mRNA-1	NA	NA		0	OsR498G0611807500.01.T01	
maker-6-augustus-gene-53.12-mRNA-1	NA	NA				FBD domain-containing protein
maker-6-augustus-gene-53.13-mRNA-1	NA	NA		0	OsR498G0611811300.01.T01	FBD domain-containing protein (Fragment)
maker-6-augustus-gene-53.21-mRNA-1	NA	NA		Os06g0203200	OsR498G0611805800.01.T02	Flavin-containing monooxygenase
maker-6-augustus-gene-53.26-mRNA-1	NA	NA	Kinase-LRR-TM	Os06g0203800	OsR498G0611808400.01.T02	LRR receptor-like serine/threonine-protein kinase ERECTA
maker-6-augustus-gene-53.31-mRNA-1	NA	Indica		Os06g0204400	OsR498G0611811000.01.T04	ECPT-type aminoalcoholphosphotransferase
maker-6-augustus-gene-53.5-mRNA-1	NA	NA		Os06g0203600	OsR498G0611807100.01.T15	Chalcone--flavonone isomerase
maker-6-augustus-gene-54.39-mRNA-1	NA	NA		0	OsR498G0611811700.01.T01	FBD domain-containing protein (Fragment)
maker-6-augustus-gene-54.41-mRNA-1	NA	NA		0	OsR498G0611811900.01.T01	Growth regulating factor 6
maker-6-augustus-gene-54.43-mRNA-1	NA	NA		0	OsR498G0409243500.01.T01	HTH myb-type domain-containing protein
maker-6-augustus-gene-54.46-mRNA-1	NA	NA		0	OsR498G0611812900.01.T02	Ubiquitin-like protein ATG12
maker-6-augustus-gene-54.47-mRNA-1	NA	Japonica		Os06g0205100	OsR498G0611814100.01.T02	CI protein (Fragment)
maker-6-augustus-gene-54.49-mRNA-1	NA	Indica		Os06g0206000	OsR498G0611817500.01.T02	Omega-amidase chloroplastic isoform X1
maker-6-augustus-gene-54.55-mRNA-1	NA	NA		Os06g0206100	OsR498G0611817700.01.T04	ATP-dependent DNA helicase
maker-6-augustus-gene-54.59-mRNA-1	NA	NA		Os06g0206200	OsR498G0611818100.01.T01	GTP-binding protein like
maker-6-augustus-gene-54.63-mRNA-1	NA	NA		0	OsR498G0611818300.01.T01	PLAT domain-containing protein
maker-6-augustus-gene-54.66-mRNA-1	NA	Japonica		Os06g0205600	OsR498G0611816600.01.T04	Mechanosensitive ion channel protein 10
maker-6-augustus-gene-55.26-mRNA-1	NA	NA				Centromeric protein E
maker-6-augustus-gene-55.29-mRNA-1	NA	NA		Os06g0206700	OsR498G0611820300.01.T05	Kinesin-like protein kin-7k, chloroplastic
maker-6-augustus-gene-55.36-mRNA-1	NA	NA		0	OsR498G0611820300.01.T01	Kinesin-like protein KIN-7K chloroplastic
maker-6-augustus-gene-55.38-mRNA-1	NA	NA		Os06g0207000	OsR498G0611822700.01.T01	Pantothenate kinase 1
maker-6-augustus-gene-55.48-mRNA-1	NA	NA		0	OsR498G0611824900.01.T01	WRC domain-containing protein
maker-6-augustus-gene-55.50-mRNA-1	NA	Indica		Os02g0773400	OsR498G0611825200.01.T02	Cyclic nucleotide-binding transporter 1 isoform 2
maker-6-augustus-gene-56.0-mRNA-1	NA	NA		Os06g0208200	OsR498G0611830100.01.T01	Protein phosphatase 1 regulatory subunit 3F-like
maker-6-augustus-gene-56.11-mRNA-1	NA	NA		0	OsR498G0611828000.01.T01	Homeobox-leucine zipper protein MERISTEM L1
maker-6-augustus-gene-56.15-mRNA-1	NA	Indica		Os02g0772000	OsR498G0611830400.01.T05	Transcription elongation factor SPT5
maker-6-augustus-gene-56.22-mRNA-1	NA	NA				Putative PHD-finger domain containing protein family
maker-6-augustus-gene-56.3-mRNA-1	NA	NA		Os06g0208700	OsR498G0611833100.01.T03	probable tyrosine-protein phosphatase DSP4
maker-6-augustus-gene-56.7-mRNA-1	NA	Indica		Os02g0769200	OsR498G0611833300.01.T02	LysM domain-containing GPI-anchored protein 1
maker-6-augustus-gene-58.40-mRNA-1	NA	NA		Os06g0211200	OsR498G0611841300.01.T05	ABA responsive element binding factor 1
maker-6-augustus-gene-58.43-mRNA-1	NA	NA		Os06g0211300	OsR498G0611841700.01.T05	non-specific lipid-transfer protein-like 1
maker-6-augustus-gene-58.47-mRNA-1	NA	NA		Os06g0212500	OsR498G0611844900.01.T01	Fucosyltransferase
maker-6-augustus-gene-58.49-mRNA-1	NA	NA		Os06g0211700	OsR498G0611843200.01.T01	Fucosyltransferase
maker-6-augustus-gene-58.51-mRNA-1	NA	NA		Os06g0212100	OsR498G0611844000.01.T02	Fucosyltransferase
maker-6-augustus-gene-58.53-mRNA-1	NA	Japonica		Os06g0212300	OsR498G0611844600.01.T01	Fucosyltransferase
maker-6-augustus-gene-59.12-mRNA-1	NA	NA		Os06g0213400	OsR498G0611849000.01.T03	Transmembrane protein 53 (Fragment)
maker-6-augustus-gene-59.16-mRNA-1	NA	NA		0	OsR498G0611849600.01.T01	Cyclin-dependent kinase inhibitor
maker-6-augustus-gene-60.21-mRNA-1	NA	NA		Os06g0215500	OsR498G0611854600.01.T01	12-oxo-phytyldienoic acid reductase
maker-6-augustus-gene-60.23-mRNA-1	NA	NA		Os06g0215600	OsR498G0611854800.01.T01	12-oxo-phytyldienoic acid reductase
maker-6-augustus-gene-63.0-mRNA-1	NA	NA		Os06g0219400	OsR498G0611869700.01.T02	O-fucosyltransferase family protein
maker-6-augustus-gene-63.11-mRNA-1	NA	NA		Os06g0220500	OsR498G0611873300.01.T01	Glycosyltransferase
maker-6-augustus-gene-63.13-mRNA-1	NA	NA		Os06g0220800	OsR498G0611874100.01.T02	5'-adenylylsulfate reductase-like 3
maker-6-augustus-gene-63.18-mRNA-1	NA	NA		Os06g0219700	OsR498G0611870400.01.T01	F-box protein FBW2
maker-6-augustus-gene-63.7-mRNA-1	NA	NA		Os06g0219600	OsR498G0611870100.01.T02	Polyadenylate-binding protein 3
maker-6-augustus-gene-65.3-mRNA-1	NA	NA		Os06g0222800	OsR498G0611882600.01.T01	Metallophosphoesterase 1
maker-6-augustus-gene-65.5-mRNA-1	NA	NA		Os06g0222900	OsR498G0611882800.01.T02	IIPc domain-containing protein (Fragment)
maker-6-augustus-gene-66.15-mRNA-1	NA	NA		Os06g0224200	OsR498G0611908000.01.T03	Dishevelled
maker-6-augustus-gene-66.18-mRNA-1	NA	NA		Os06g0224500	OsR498G0611909200.01.T01	Mitochondrial transcription termination factor-like
maker-6-augustus-gene-66.20-mRNA-1	NA	NA	Kinase-LRR-TM			Non-specific serine/threonine protein kinase
maker-6-augustus-gene-66.25-mRNA-1	NA	Indica		Os06g0225400	OsR498G0611911800.01.T06	Shikimate kinase

maker-6-augustus-gene-66.8-mRNA-1	NA	NA		0	OsR498G0611885800.01.T03	Putative ARM repeat-containing protein containing family protein
maker-6-augustus-gene-67.0-mRNA-1	NA	NA		Os06g0226050	OsR498G0611913300.01.T01	Jacalin-type lectin domain-containing protein
maker-6-augustus-gene-67.10-mRNA-1	NA	NA		0	OsR498G0611912800.01.T04	ATPase family AAA domain-containing protein 1
maker-6-augustus-gene-67.17-mRNA-1	NA	NA		Os06g0226600	OsR498G0611916800.01.T02	
maker-6-augustus-gene-67.2-mRNA-1	NA	NA		Os06g0226500	OsR498G0611916500.01.T01	Transcription factor ILI5
maker-6-augustus-gene-67.20-mRNA-1	NA	NA		Os06g0226950	OsR498G0611920000.01.T01	Aldehyde oxygenase (deformylating)
maker-6-augustus-gene-67.4-mRNA-1	NA	NA		Os06g0225800	OsR498G0611912000.01.T04	Shikimate kinase 1 chloroplastic
maker-6-augustus-gene-68.0-mRNA-1	NA	NA		Os06g0228500	OsR498G0611930900.01.T01	Vacuolar amino acid transporter like
maker-6-augustus-gene-68.2-mRNA-1	NA	NA		Os06g0227200	OsR498G0611920800.01.T01	DCD domain-containing protein (Fragment)
maker-6-augustus-gene-68.4-mRNA-1	NA	Indica		Os02g0745400	OsR498G0611921600.01.T01	Hexosyltransferase
maker-6-augustus-gene-68.6-mRNA-1	NA	NA		Os06g0228200	OsR498G0611927800.01.T02	Aquaporin NIP2-2
maker-6-augustus-gene-68.9-mRNA-1	NA	NA		Os06g0228600	OsR498G0611931400.01.T01	Amino acid permease 6
maker-6-augustus-gene-69.0-mRNA-1	NA	NA		Os06g0228900	OsR498G0611931900.01.T02	RWP-RK domain-containing protein (Fragment)
maker-6-augustus-gene-69.16-mRNA-1	NA	NA		Os06g0229400	OsR498G0611934500.01.T01	Gdsl esteraselipase
maker-6-augustus-gene-69.18-mRNA-1	NA	NA		Os06g0229800	OsR498G0611935700.01.T01	Starch synthase, chloroplastic/amyloplastic
maker-6-augustus-gene-69.2-mRNA-1	NA	NA		Os06g0229200	OsR498G0611933700.01.T04	Galectin domain-containing protein
maker-6-augustus-gene-69.21-mRNA-1	NA	NA		0	OsR498G0611936300.01.T01	Glucomannan 4-beta-mannosyltransferase
maker-6-augustus-gene-69.26-mRNA-1	NA	NA		Os06g0231050	OsR498G0611937500.01.T03	Casparian strip membrane protein 3
maker-6-augustus-gene-69.28-mRNA-1	NA	NA		Os06g0228800	OsR498G0611931600.01.T01	Solute carrier family 32
maker-6-augustus-gene-69.30-mRNA-1	NA	Indica		Os06g0229066	OsR498G0611932200.01.T01	ATP-dependent zinc metalloprotease FTSH 6 chloroplastic
maker-6-augustus-gene-69.32-mRNA-1	NA	NA		0	OsR498G0611936600.01.T05	Signal peptide peptidase
maker-6-augustus-gene-69.8-mRNA-1	NA	NA		Os06g0229300	OsR498G0611934300.01.T01	Homeobox protein HAZ1
maker-6-augustus-gene-69.9-mRNA-1	NA	NA		Os06g0229300	OsR498G0611934300.01.T02	Putative homeodomain-like transcription factor superfamily protein
maker-6-augustus-gene-70.23-mRNA-1	NA	NA		Os06g0231300	OsR498G0611937900.01.T02	CS domain-containing protein
maker-6-augustus-gene-70.26-mRNA-1	NA	NA		Os06g0232200	OsR498G0611941700.01.T01	probable fructokinase-6, chloroplastic
maker-6-augustus-gene-70.28-mRNA-1	NA	NA		Os06g0232300	OsR498G0611943700.01.T01	Auxin efflux carrier component
maker-6-augustus-gene-70.30-mRNA-1	NA	NA		Os06g0231600	OsR498G0611939200.01.T01	NEP1-interacting protein-like 2
maker-6-augustus-gene-70.33-mRNA-1	NA	NA		Os06g0232000	OsR498G0611939800.01.T01	Pro-resilin
maker-6-augustus-gene-70.35-mRNA-1	NA	Indica	CC-Kinase-TM	Os06g0232100	OsR498G0611940400.01.T04	Serine/threonine-protein kinase CTR1
maker-6-augustus-gene-71.0-mRNA-1	NA	NA		0	OsR498G0611948900.01.T01	
maker-6-augustus-gene-71.13-mRNA-1	NA	NA		0	OsR498G0611945600.01.T07	
maker-6-augustus-gene-71.16-mRNA-1	NA	NA		Os06g0233400	OsR498G0611948000.01.T01	Defective in cullin neddylation protein (Fragment)
maker-6-augustus-gene-71.2-mRNA-1	NA	NA		Os06g0234100	OsR498G0611951500.01.T06	Protease Do-like protein 9
maker-6-augustus-gene-71.21-mRNA-1	NA	NA		Os06g0233800	OsR498G0611949400.01.T01	Serine/threonine-protein kinase WNK (With No Lysine)-related
maker-6-augustus-gene-71.9-mRNA-1	NA	NA		Os06g0232600	OsR498G0611945200.01.T03	Dehydroascorbate reductase
maker-6-augustus-gene-72.41-mRNA-1	NA	NA		Os06g0234200	OsR498G0611952100.01.T04	Rac-like GTP-binding protein 3
maker-6-augustus-gene-72.44-mRNA-1	NA	NA		Os06g0235300	OsR498G0611957100.01.T03	S phase cyclin A-associated protein in the endoplasmic reticulum
maker-6-augustus-gene-72.48-mRNA-1	NA	Indica		Os06g0234600	OsR498G0611953000.01.T01	Leaf senescence protein-like
maker-6-augustus-gene-72.49-mRNA-1	NA	Indica		Os06g0234600	OsR498G0611953800.01.T01	Leaf senescence protein-like
maker-6-augustus-gene-72.52-mRNA-1	NA	Indica		Os07g0256700	OsR498G0611955400.01.T01	Leaf senescence protein-like
maker-6-augustus-gene-72.54-mRNA-1	NA	Indica		Os06g0235200	OsR498G0611957000.01.T01	Protein ALTERED XYLOGLUCAN 4
maker-6-augustus-gene-72.56-mRNA-1	NA	NA		Os06g0235500		Protein LOW PSII ACCUMULATION 1 chloroplastic
maker-6-augustus-gene-73.8-mRNA-1	NA	NA		0	OsR498G0611959400.01.T02	RING-type domain-containing protein
maker-6-augustus-gene-74.17-mRNA-1	NA	Indica		Os06g0238300	OsR498G0611968200.01.T02	Cellular repressor of E1A-stimulated proteins
maker-6-augustus-gene-75.28-mRNA-1	NA	NA	LRR			LRR receptor-like serine/threonine-protein kinase ERECTA
maker-6-augustus-gene-75.30-mRNA-1	NA	NA		Os11g0519100		
maker-6-augustus-gene-77.30-mRNA-1	NA	NA		Os06g0244700	OsR498G0611983500.01.T03	Microtubule-associated protein TORTIFOLIA1
maker-6-augustus-gene-77.42-mRNA-1	NA	NA		Os06g0245600	OsR498G0611986800.01.T03	
maker-6-augustus-gene-77.49-mRNA-1	NA	NA		0	OsR498G0611987200.01.T09	Alpha-mannosidase
maker-6-augustus-gene-78.35-mRNA-1	NA	NA		0	OsR498G0611987700.01.T04	Alanine--tRNA ligase, chloroplastic/mitochondrial
maker-6-augustus-gene-78.41-mRNA-1	NA	NA		Os06g0245900	OsR498G0611988700.01.T01	Transcription factor E2F7
maker-6-augustus-gene-78.43-mRNA-1	NA	NA		Os06g0246500	OsR498G0611990500.01.T01	Pyruvate dehydrogenase E1 component subunit alpha
maker-6-augustus-gene-78.50-mRNA-1	NA	Indica		Os06g0247200	OsR498G0611994900.01.T01	Fe2OG dioxygenase domain-containing protein
maker-6-augustus-gene-78.57-mRNA-1	NA	NA		Os06g0246000	OsR498G0611989000.01.T01	G-box binding protein-like
maker-6-augustus-gene-78.59-mRNA-1	NA	NA		0	OsR498G0611990000.01.T01	Formin-like protein 14
maker-6-augustus-gene-78.63-mRNA-1	NA	NA		Os06g0247500	OsR498G0611995400.01.T01	Pyrophosphate--fructose 6-phosphate 1-phosphotransferase subunit beta
maker-6-augustus-gene-78.69-mRNA-1	NA	Indica		Os06g0247900	OsR498G0611997000.01.T02	Endoglucanase
maker-6-augustus-gene-79.35-mRNA-1	NA	Indica		Os06g0248400	OsR498G0611999900.01.T02	Poly [ADP-ribose] polymerase
maker-6-augustus-gene-79.41-mRNA-1	NA	NA				FAR1 domain-containing protein
maker-6-augustus-gene-8.45-mRNA-1	NA	Indica		Os02g0128600	OsR498G0611506300.01.T02	ADP-ribosylation factor B1B
maker-6-augustus-gene-8.48-mRNA-1	NA	NA	NBS-TM	Os06g0114600	OsR498G0611507900.01.T02	Gluconate kinase

maker-6-augustus-gene-8.51-mRNA-1	NA	Indica		Os06g0114650	OsR498G0611508100.01.T01	Glucokinase
maker-6-augustus-gene-8.54-mRNA-1	NA	Indica		Os06g0115100	OsR498G0611509300.01.T02	Ozone-responsive stress related protein
maker-6-augustus-gene-8.63-mRNA-1	NA	NA		Os06g0114000	OsR498G0611505800.01.T02	RuBisCO large subunit-binding protein subunit beta
maker-6-augustus-gene-8.69-mRNA-1	NA	Indica		Os06g0114400	OsR498G0611507200.01.T01	
maker-6-augustus-gene-8.71-mRNA-1	NA	NA		Os06g0114500	OsR498G0611507600.01.T03	Ozone-responsive stress related protein
maker-6-augustus-gene-8.73-mRNA-1	NA	NA		Os06g0114700	OsR498G0611508400.01.T01	Squalene monooxygenase 2
maker-6-augustus-gene-80.0-mRNA-1	NA	NA				F-box domain-containing protein (Fragment)
maker-6-augustus-gene-80.1-mRNA-1	NA	NA		0	OsR498G0612009500.01.T05	ThiF domain-containing protein
maker-6-augustus-gene-80.12-mRNA-1	NA	NA		0	OsR498G0612008200.01.T01	Potassium channel SKOR
maker-6-augustus-gene-81.47-mRNA-1	NA	Indica	Kinase-TM	Os10g0441900	OsR498G0612016600.01.T01	Putative receptor kinase Lecrk
maker-6-augustus-gene-81.48-mRNA-1	NA	NA		Os06g0253600	OsR498G0612017400.01.T01	Cysteine-rich repeat secretory protein 12
maker-6-augustus-gene-82.21-mRNA-1	NA	NA		0	OsR498G0612021100.01.T03	Chromatin structure-remodeling complex protein SYD
maker-6-augustus-gene-82.29-mRNA-1	NA	NA		Os06g0255700	OsR498G0612023500.01.T03	Protein CHROMATIN REMODELING 35
maker-6-augustus-gene-82.33-mRNA-1	NA	Indica		Os06g0254700	OsR498G0612019400.01.T04	probable peroxxygenase 5
maker-6-augustus-gene-82.40-mRNA-1	NA	Japonica		Os06g0255100	OsR498G0612021000.01.T01	Fe2OG dioxygenase domain-containing protein
maker-6-augustus-gene-83.0-mRNA-1	NA	Indica		Os06g0255900	OsR498G0612024500.01.T01	Exocyst subunit Exo70 family protein (Fragment)
maker-6-augustus-gene-83.21-mRNA-1	NA	NA		Os06g0256200	OsR498G0612025400.01.T02	Putative chromatin target of PRMT1 protein
maker-6-augustus-gene-83.3-mRNA-1	NA	NA		0	OsR498G0612025100.01.T02	Cnd3 domain-containing protein (Fragment)
maker-6-augustus-gene-83.6-mRNA-1	NA	NA		Os06g0256300	OsR498G0612026500.01.T02	Putative mono-/di-acylglycerol lipase, alpha/Beta hydrolase
maker-6-augustus-gene-83.9-mRNA-1	NA	NA		Os06g0256500	OsR498G0612027700.01.T07	Glucose-6-phosphate isomerase
maker-6-augustus-gene-84.39-mRNA-1	NA	NA		Os06g0257600	OsR498G0612032300.01.T01	GDLS esterase/lipase
maker-6-augustus-gene-88.38-mRNA-1	NA	NA		Os06g0264500	OsR498G0612057700.01.T01	Peptide transporter PTR5
maker-6-augustus-gene-88.44-mRNA-1	NA	NA		Os06g0264900	OsR498G0612059200.01.T03	Carbon catabolite repressor protein 4 homolog 3
maker-6-augustus-gene-88.51-mRNA-1	NA	NA		Os06g0265000	OsR498G0612059400.01.T02	Asparagine synthetase [glutamine-hydrolyzing]
maker-6-augustus-gene-89.0-mRNA-1	NA	Indica		Os06g0272800	OsR498G0612082600.01.T01	Leaf senescence protein-like
maker-6-augustus-gene-89.16-mRNA-1	NA	NA		Os06g0267400	OsR498G0612064600.01.T01	
maker-6-augustus-gene-89.3-mRNA-1	NA	Indica		Os06g0267500	OsR498G0612065100.01.T01	NAC domain-containing protein 8
maker-6-augustus-gene-9.13-mRNA-1	NA	Indica		Os06g0116600	OsR498G0611513900.01.T05	Multiple organellar RNA editing factor 2 chloroplastic
maker-6-augustus-gene-9.17-mRNA-1	NA	NA		Os06g0115300	OsR498G0611510400.01.T01	Acyl-CoA-binding
maker-6-augustus-gene-9.19-mRNA-1	NA	NA		Os06g0115400	OsR498G0611510600.01.T01	Superoxide dismutase
maker-6-augustus-gene-9.24-mRNA-1	NA	NA		Os06g0115500	OsR498G0611510800.01.T01	60S ribosomal protein L13
maker-6-augustus-gene-9.27-mRNA-1	NA	Indica		Os07g0159500	OsR498G0611511400.01.T01	Putative arylformamidase
maker-6-augustus-gene-9.3-mRNA-1	NA	NA	Kinase-TM	Os06g0116100	OsR498G0611512100.01.T03	GAMYB-binding protein
maker-6-augustus-gene-9.30-mRNA-1	NA	NA		Os06g0116200	OsR498G0611512600.01.T03	Growth-regulating factor
maker-6-augustus-gene-9.33-mRNA-1	NA	Indica		Os06g0116300	OsR498G0611513200.01.T02	Syntaxin-43
maker-6-augustus-gene-9.38-mRNA-1	NA	NA		Os06g0116400	OsR498G0611513600.01.T01	Nickel/cobalt transporter, high-affinity
maker-6-augustus-gene-9.40-mRNA-1	NA	NA		Os06g0116800	OsR498G0611514400.01.T02	Gametophytic factor 2
maker-6-augustus-gene-9.8-mRNA-1	NA	Indica		Os02g0102800	OsR498G0611513700.01.T01	APOSTART
maker-6-augustus-gene-90.34-mRNA-1	NA	NA		Os06g0268700		Aspartyl protease APCB1
maker-6-augustus-gene-90.36-mRNA-1	NA	NA		0	OsR498G0612070200.01.T02	Aluminum-activated malate transporter 9
maker-6-augustus-gene-91.0-mRNA-1	NA	NA		0	OsR498G0612071100.01.T02	EamA domain-containing protein
maker-6-augustus-gene-91.6-mRNA-1	NA	NA		Os06g0270200	OsR498G0612074400.01.T02	Potassium transporter
maker-6-augustus-gene-92.12-mRNA-1	NA	NA	Kinase-LRR-TM	Os06g0272000	OsR498G0612078200.01.T01	Receptor kinase MRKa
maker-6-augustus-gene-92.18-mRNA-1	NA	Japonica		Os06g0272900	OsR498G0612082800.01.T01	Leaf senescence protein-like
maker-6-augustus-gene-92.6-mRNA-1	NA	NA		0	OsR498G0407658300.01.T01	Amidase domain-containing protein
maker-6-augustus-gene-93.28-mRNA-1	NA	NA		Os06g0274000	OsR498G0612084700.01.T01	Heat shock factor binding
maker-6-augustus-gene-93.31-mRNA-1	NA	NA		Os06g0274200	OsR498G0612085100.01.T01	Ribonucloprotein (Fragment)
maker-6-augustus-gene-93.36-mRNA-1	NA	Indica	LRR-TM	Os06g0274500	OsR498G0612087300.01.T01	Somatic embryogenesis receptor kinase 1-like
maker-6-augustus-gene-93.48-mRNA-1	NA	NA		Os06g0273800	OsR498G0612084600.01.T03	Signal peptidase I
maker-6-augustus-gene-93.67-mRNA-1	NA	NA		Os06g0274800	OsR498G0612088200.01.T01	Peroxidase
maker-6-augustus-gene-94.12-mRNA-1	NA	NA		Os06g0275800	OsR498G0612095700.01.T02	amino acid transporter AVT6A
maker-6-augustus-gene-94.15-mRNA-1	NA	NA		Os06g0275900	OsR498G0612096100.01.T01	Kanadaplin
maker-6-augustus-gene-94.21-mRNA-1	NA	NA		Os06g0275700	OsR498G0612093400.01.T03	RING-type E3 ubiquitin transferase
maker-6-augustus-gene-94.6-mRNA-1	NA	NA		Os06g0275600	OsR498G0612093100.01.T03	Transcription factor bHLH62 isoform A
maker-6-augustus-gene-95.0-mRNA-1	NA	Indica		Os01g0550800	OsR498G0612116600.01.T01	Carboxyl-terminal peptidase-like
maker-6-augustus-gene-97.0-mRNA-1	NA	Indica		Os03g0615700	OsR498G0613178300.01.T01	GRF zinc finger family protein, expressed
maker-6-augustus-gene-97.2-mRNA-1	NA	NA		Os06g0281300	OsR498G0612134400.01.T01	O-methyltransferase ZRP4
maker-6-augustus-gene-97.4-mRNA-1	NA	NA		0	OsR498G0612134800.01.T05	DNA topoisomerase
maker-6-augustus-gene-98.0-mRNA-1	NA	NA		Os06g0283200	OsR498G0612142500.01.T01	PHD and RING finger domain-containing protein 1
maker-6-augustus-gene-98.2-mRNA-1	NA	NA	Kinase-TM	Os06g0283300	OsR498G0612142700.01.T02	probable leucine-rich repeat receptor-like serine/threonine-protein kinase A
maker-7-augustus-gene-0.17-mRNA-1	NA	NA		0	OsR498G0713353700.01.T04	Sulfoquinovosyl transferase

maker-7-augustus-gene-0.22-mRNA-1	NA	Indica		Os07g0100500	OsR498G0713353900.01.T02	Putative calcium-binding protein CML27
maker-7-augustus-gene-0.28-mRNA-1	NA	NA		Os07g0100800	OsR498G0713355200.01.T04	Proline transporter
maker-7-augustus-gene-0.30-mRNA-1	NA	NA		Os07g0101000	OsR498G0713356000.01.T01	Laccase
maker-7-augustus-gene-0.32-mRNA-1	NA	Indica		Os07g0101101	OsR498G0713357000.01.T04	
maker-7-augustus-gene-1.34-mRNA-1	NA	NA		Os07g0101300		BHLH domain-containing protein
maker-7-augustus-gene-1.36-mRNA-1	NA	NA		Os07g0101500	OsR498G0713358100.01.T04	Aldehyde oxygenase (deformylating)
maker-7-augustus-gene-1.38-mRNA-1	NA	Indica		Os07g0102100	OsR498G0713359500.01.T01	High-affinity potassium transporter
maker-7-augustus-gene-1.40-mRNA-1	NA	NA		Os07g0101400	OsR498G0713357600.01.T01	BTB/POZ and MATH domain-containing protein 3
maker-7-augustus-gene-1.42-mRNA-1	NA	NA				Tetraacyldisaccharide 4'-kinase
maker-7-augustus-gene-1.46-mRNA-1	NA	Japonica		Os07g0102200	OsR498G0713360000.01.T01	Myosin heavy chain-related
maker-7-augustus-gene-1.48-mRNA-1	NA	Japonica		Os07g0102300	OsR498G0713360600.01.T05	Putative GPI-anchored protein isoform A
maker-7-augustus-gene-1.53-mRNA-1	NA	NA		Os07g0102400	OsR498G0713360800.01.T01	Tobamovirus multiplication protein like
maker-7-augustus-gene-1.56-mRNA-1	NA	NA		Os07g0102500	OsR498G0713361200.01.T01	HTH La-type RNA-binding domain-containing protein (Fragment)
maker-7-augustus-gene-1.58-mRNA-1	NA	NA		Os01g0946800	OsR498G1018926400.01.T01	Ulp1 protease family, C-terminal catalytic domain containing protein
maker-7-augustus-gene-108.6-mRNA-1	NA	NA				Ulp1 protease family, C-terminal catalytic domain containing protein, expressed
maker-7-augustus-gene-11.4-mRNA-1	NA	NA		0	OsR498G0713455600.01.T01	Putative 26S proteasome non-ATPase regulatory subunit
maker-7-augustus-gene-12.54-mRNA-1	NA	NA	Kinase-TM	Os07g0131000		L-type lectin-domain containing receptor kinase IV.1
maker-7-augustus-gene-120.23-mRNA-1	NA	NA		Os07g0405100	OsR498G0714070300.01.T08	WD40 domain-containing protein/LisH domain-containing protein
maker-7-augustus-gene-122.43-mRNA-1	NA	NA		Os07g0407350		
maker-7-augustus-gene-123.24-mRNA-1	NA	NA		0	OsR498G0407881700.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-7-augustus-gene-13.4-mRNA-1	NA	Indica		Os07g0133700	OsR498G0713467300.01.T04	Peptidylprolyl isomerase
maker-7-augustus-gene-132.0-mRNA-1	NA	NA				Heteroglycan glucosidase 1
maker-7-augustus-gene-139.25-mRNA-1	NA	NA		Os07g0429700	OsR498G0714152700.01.T01	
maker-7-augustus-gene-139.27-mRNA-1	NA	NA		Os07g0432201	OsR498G0714152700.01.T01	
maker-7-augustus-gene-139.28-mRNA-1	NA	NA		Os05g0267732	OsR498G0510213400.01.T01	
maker-7-augustus-gene-14.30-mRNA-1	NA	NA		0	OsR498G0713471500.01.T01	Metallophos domain-containing protein
maker-7-augustus-gene-14.37-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0713472300.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-7-augustus-gene-14.40-mRNA-1	NA	Japonica		Os07g0134700	OsR498G0713472500.01.T01	Embryo defective 2219
maker-7-augustus-gene-14.43-mRNA-1	NA	Indica	Kinase-LRR-TM	Os07g0134200	OsR498G0713470200.01.T01	Leucine-rich repeat receptor-like serine/threonine-protein kinase BAM1
maker-7-augustus-gene-14.45-mRNA-1	NA	NA		0	OsR498G0713471200.01.T01	probable UDP-3-O-acylglucosamine N-acyltransferase 2, mitochondrial
maker-7-augustus-gene-14.50-mRNA-1	NA	NA		Os07g0134800	OsR498G0713472800.01.T01	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial
maker-7-augustus-gene-140.33-mRNA-1	NA	NA		0	OsR498G0510209200.01.T01	
maker-7-augustus-gene-148.0-mRNA-1	NA	NA	CC-NBS-TM			Mitogen-activated protein kinase kinase 1
maker-7-augustus-gene-15.49-mRNA-1	NA	NA		Os07g0136300	OsR498G0713476700.01.T01	
maker-7-augustus-gene-15.51-mRNA-1	NA	NA		0	OsR498G0713477900.01.T02	
maker-7-augustus-gene-15.55-mRNA-1	NA	NA		Os07g0136866		
maker-7-augustus-gene-15.58-mRNA-1	NA	Indica		Os07g0139500	OsR498G0713479300.01.T02	
maker-7-augustus-gene-15.60-mRNA-1	NA	NA		Os07g0137200	OsR498G0713479900.01.T01	
maker-7-augustus-gene-15.62-mRNA-1	NA	NA				
maker-7-augustus-gene-15.64-mRNA-1	NA	NA				DUF295 domain-containing protein
maker-7-augustus-gene-15.66-mRNA-1	NA	Japonica	Kinase-TM	Os07g0137800	OsR498G0713481800.01.T01	Proline-rich receptor-like protein kinase PERK4
maker-7-augustus-gene-150.31-mRNA-1	NA	NA		Os07g0448100	OsR498G0714192100.01.T01	Aquaporin PIP2-4
maker-7-augustus-gene-150.32-mRNA-1	NA	Indica		Os07g0448100	OsR498G0714192300.01.T01	PIP aquaporin
maker-7-augustus-gene-151.4-mRNA-1	NA	Indica		Os07g0450225	OsR498G0408173900.01.T01	
maker-7-augustus-gene-16.12-mRNA-1	NA	Indica		Os03g0777000	OsR498G0713483300.01.T01	Transcription factor JUNGBRUNNEN 1
maker-7-augustus-gene-16.14-mRNA-1	NA	NA		0	OsR498G0713483900.01.T01	RRM domain-containing protein
maker-7-augustus-gene-16.16-mRNA-1	NA	NA		0	OsR498G0713486000.01.T01	
maker-7-augustus-gene-16.5-mRNA-1	NA	NA		Os07g0138100	OsR498G0713482700.01.T06	PH domain-containing protein
maker-7-augustus-gene-164.26-mRNA-1	NA	NA		Os07g0437500	OsR498G0714162100.01.T05	Pyridoxal phosphate-dependent decarboxylase
maker-7-augustus-gene-164.29-mRNA-1	NA	NA		Os08g0371476	OsR498G0815932400.01.T03	Carotenoid cleavage dioxygenase like b
maker-7-augustus-gene-164.31-mRNA-1	NA	NA	Kinase-TM			Serine/threonine-protein kinase SRPK
maker-7-augustus-gene-164.34-mRNA-1	NA	NA		Os07g0472300	OsR498G0714275200.01.T01	
maker-7-augustus-gene-167.38-mRNA-1	NA	Indica	Kinase-TM	Os07g0472400	OsR498G0714275700.01.T01	probable serine/threonine-protein kinase sky1
maker-7-augustus-gene-167.49-mRNA-1	NA	NA		Os07g0472300	OsR498G0714275200.01.T01	
maker-7-augustus-gene-168.8-mRNA-1	NA	Japonica		Os07g0513300	OsR498G0100612800.01.T01	Transposable element protein, putative, MuDR
maker-7-augustus-gene-17.59-mRNA-1	NA	Indica		Os07g0139500	OsR498G0713488000.01.T01	Myb domain protein 4r1
maker-7-augustus-gene-17.65-mRNA-1	NA	NA		Os07g0141100	OsR498G0713492400.01.T01	G-type lectin S-receptor-like serine/threonine-protein kinase
maker-7-augustus-gene-17.67-mRNA-1	NA	NA	Kinase-TM	Os06g0241100	OsR498G0713492600.01.T02	G-type lectin S-receptor-like serine/threonine-protein kinase
maker-7-augustus-gene-17.69-mRNA-1	NA	NA		Os07g0141400	OsR498G0713493200.01.T01	Photosystem II oxygen-evolving enhancer protein 2
maker-7-augustus-gene-17.71-mRNA-1	NA	NA	LRR-NBS	Os07g0141700		Disease resistance protein RPM1
maker-7-augustus-gene-171.26-mRNA-1	NA	NA		Os07g0479100	OsR498G0714302100.01.T07	NEP1-interacting protein 2

maker-7-augustus-gene-177.0-mRNA-1	NA	Japonica		Os07g0486700	OsR498G0714323900.01.T01	Glycosyltransferase
maker-7-augustus-gene-178.0-mRNA-1	NA	NA		0	OsR498G0714327900.01.T01	Fatty acyl-CoA reductase
maker-7-augustus-gene-178.2-mRNA-1	NA	NA		Os07g0489800	OsR498G0714331100.01.T02	Photosynthetic NDH subunit of subcomplex B 3 chloroplastic
maker-7-augustus-gene-179.0-mRNA-1	NA	NA		Os07g0490400	OsR498G0714335100.01.T03	Peptidylprolyl isomerase
maker-7-augustus-gene-179.11-mRNA-1	NA	NA				Protein VASCULAR ASSOCIATED DEATH 1 chloroplastic
maker-7-augustus-gene-179.17-mRNA-1	NA	NA		Os07g0490200	OsR498G0714334200.01.T01	Calmodulin-binding transcription activator 5
maker-7-augustus-gene-179.18-mRNA-1	NA	Indica		Os07g0490200	OsR498G0714334200.01.T06	Calmodulin-binding transcription activator CBT
maker-7-augustus-gene-179.3-mRNA-1	NA	NA				Nucleobase-ascorbate transporter 11
maker-7-augustus-gene-179.31-mRNA-1	NA	NA		0	OsR498G0714335000.01.T03	Ubiquinol-cytochrome-c reductase complex assembly factor 1
maker-7-augustus-gene-179.34-mRNA-1	NA	NA		Os07g0490600	OsR498G0714336400.01.T01	Zn-finger, RanBP-type, containing protein
maker-7-augustus-gene-179.40-mRNA-1	NA	NA		0	OsR498G0714337200.01.T02	COP9 signalosome complex subunit
maker-7-augustus-gene-179.8-mRNA-1	NA	NA		Os07g0490700	OsR498G0714336900.01.T03	Vacuolar protein sorting-associated protein 1
maker-7-augustus-gene-18.45-mRNA-1	NA	NA		0	OsR498G0713496700.01.T02	FBD domain-containing protein
maker-7-augustus-gene-18.47-mRNA-1	NA	NA		Os07g0142900	OsR498G0713496900.01.T02	Oxidoreductase
maker-7-augustus-gene-18.52-mRNA-1	NA	NA		Os07g0143000	OsR498G0713497100.01.T02	Putative oxidoreductase, chloroplastic isoform E
maker-7-augustus-gene-18.56-mRNA-1	NA	NA		Os07g0143200	OsR498G0713498100.01.T03	BHLH domain-containing protein
maker-7-augustus-gene-18.59-mRNA-1	NA	NA		0	OsR498G0713500700.01.T01	
maker-7-augustus-gene-18.61-mRNA-1	NA	Indica		Os07g0143600	OsR498G0713499200.01.T01	Cadmium-induced protein AS8
maker-7-augustus-gene-18.64-mRNA-1	NA	Indica		Os07g0143700	OsR498G0713499600.01.T01	DEAD-box ATP-dependent RNA helicase like
maker-7-augustus-gene-18.69-mRNA-1	NA	NA		Os07g0143900	OsR498G0713499800.01.T01	
maker-7-augustus-gene-180.0-mRNA-1	NA	NA				Serine/threonine kinase-like protein
maker-7-augustus-gene-180.2-mRNA-1	NA	NA		Os07g0491900	OsR498G0714342200.01.T01	Putative FAD-binding domain, FAD/NAD(P)-binding domain-containing prote
maker-7-augustus-gene-180.4-mRNA-1	NA	NA		Os07g0492000	OsR498G0714342400.01.T02	Nucleoside diphosphate kinase
maker-7-augustus-gene-180.8-mRNA-1	NA	NA		Os07g0492100	OsR498G0714342800.01.T02	DNA helicase
maker-7-augustus-gene-181.0-mRNA-1	NA	NA		Os07g0495000	OsR498G0714350300.01.T06	Ureidoglycine aminohydrolase
maker-7-augustus-gene-181.4-mRNA-1	NA	NA		Os07g0495100	OsR498G0714350500.01.T01	Casein kinase II subunit beta
maker-7-augustus-gene-182.0-mRNA-1	NA	Indica		Os07g0495900	OsR498G0714352300.01.T01	Regulator of nonsense transcripts
maker-7-augustus-gene-182.14-mRNA-1	NA	Indica		Os07g0496250	OsR498G0714354100.01.T03	Beta-expansin
maker-7-augustus-gene-182.8-mRNA-1	NA	NA		Os07g0496200	OsR498G0714353900.01.T01	Malic enzyme
maker-7-augustus-gene-183.14-mRNA-1	NA	NA		0	OsR498G0714357200.01.T02	CHD3-type chromatin remodeling factor D
maker-7-augustus-gene-184.0-mRNA-1	NA	NA		Os07g0499800	OsR498G0714366700.01.T02	RING/U-box superfamily protein
maker-7-augustus-gene-185.37-mRNA-1	NA	NA		Os07g0500300	OsR498G0714368300.01.T01	Synaptotagmin-4
maker-7-augustus-gene-185.43-mRNA-1	NA	Indica		Os11g0270500	OsR498G0714373200.01.T01	Disease resistance protein RPM1
maker-7-augustus-gene-185.46-mRNA-1	NA	NA	LRR-TM	Os07g0501800	OsR498G0714373600.01.T01	Receptor like protein 4
maker-7-augustus-gene-186.28-mRNA-1	NA	NA		0	OsR498G0714374000.01.T05	Transmembrane E3 ubiquitin-protein ligase 1
maker-7-augustus-gene-186.34-mRNA-1	NA	Indica		Os07g0502200	OsR498G0714374800.01.T01	Protein DETOXIFICATION
maker-7-augustus-gene-187.39-mRNA-1	NA	NA		Os07g0503700	OsR498G0714378500.01.T01	Eukaryotic translation initiation factor 3 subunit E
maker-7-augustus-gene-187.43-mRNA-1	NA	NA		Os11g0307600	OsR498G1119799000.01.T01	Protein kinase domain-containing protein
maker-7-augustus-gene-187.45-mRNA-1	NA	NA		Os11g0307600	OsR498G1119798800.01.T01	Enoyl-CoA hydratase/isomerase family protein, expressed
maker-7-augustus-gene-187.46-mRNA-1	NA	NA		0	OsR498G0714380500.01.T01	Protein kinase domain-containing protein
maker-7-augustus-gene-187.51-mRNA-1	NA	NA		Os07g0505200	OsR498G0714384000.01.T01	SBP-box family member protein (Fragment)
maker-7-augustus-gene-188.30-mRNA-1	NA	NA		Os07g0506600	OsR498G0714390500.01.T04	Filament-like plant protein 3
maker-7-augustus-gene-189.27-mRNA-1	NA	NA		Os07g0507700	OsR498G0714393300.01.T02	Bromo domain-containing protein
maker-7-augustus-gene-189.30-mRNA-1	NA	NA				
maker-7-augustus-gene-189.32-mRNA-1	NA	NA		0	OsR498G0714391000.01.T01	WD repeat-containing protein 74
maker-7-augustus-gene-189.36-mRNA-1	NA	NA		0	OsR498G0714391400.01.T01	Transposon protein, putative, Mutator sub-class
maker-7-augustus-gene-189.38-mRNA-1	NA	NA		0	OsR498G0714392000.01.T01	PPM-type phosphatase domain-containing protein (Fragment)
maker-7-augustus-gene-189.43-mRNA-1	NA	NA		0	OsR498G0714392400.01.T02	Targeting protein for Xklp2
maker-7-augustus-gene-189.51-mRNA-1	NA	NA	Kinase-TM	Os07g0507300	OsR498G0714392600.01.T04	germinal center kinase 1 isoform X3
maker-7-augustus-gene-189.60-mRNA-1	NA	NA		Os07g0507500	OsR498G0714393000.01.T01	Hydrolase/ protein serine/threonine phosphatase
maker-7-augustus-gene-189.66-mRNA-1	NA	NA		Os07g0508000	OsR498G0714394000.01.T03	RNA helicase
maker-7-augustus-gene-189.71-mRNA-1	NA	NA		Os07g0508300	OsR498G0714394600.01.T01	SH3 domain-containing protein 3
maker-7-augustus-gene-19.28-mRNA-1	NA	NA		Os07g0144500	OsR498G0713501900.01.T02	Patatin-like protein 3
maker-7-augustus-gene-19.31-mRNA-1	NA	NA				
maker-7-augustus-gene-19.33-mRNA-1	NA	NA	Kinase-LRR-TM	Os07g0145400	OsR498G0713506600.01.T01	Tyrosine-protein kinase
maker-7-augustus-gene-190.24-mRNA-1	NA	Indica		Os07g0508500	OsR498G0714394700.01.T03	Mitotic checkpoint serine/threonine-protein kinase
maker-7-augustus-gene-190.32-mRNA-1	NA	NA		Os07g0509600	OsR498G0714401700.01.T01	rRNA adenine N(6)-methyltransferase
maker-7-augustus-gene-190.34-mRNA-1	NA	NA		Os07g0510100	OsR498G0714403500.01.T01	Methionine aminopeptidase
maker-7-augustus-gene-190.38-mRNA-1	NA	Indica		Os04g0610700	OsR498G0714400000.01.T01	Potassium transporter
maker-7-augustus-gene-191.29-mRNA-1	NA	NA		Os07g0510200	OsR498G0714404300.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-7-augustus-gene-191.32-mRNA-1	NA	Indica		Os06g0678800	OsR498G0714407100.01.T01	SKU5 similar 5 isoform 1

maker-7-augustus-gene-191.35-mRNA-1	NA	NA		Os07g0511000	OsR498G0714407300.01.T01	Rab3 GTPase-activating protein catalytic subunit
maker-7-augustus-gene-191.39-mRNA-1	NA	Indica		Os07g0510300	OsR498G0714404600.01.T01	Endo/exonuclease/phosphatase domain-containing protein (Fragment)
maker-7-augustus-gene-192.21-mRNA-1	NA	Indica		Os07g0511500	OsR498G0714410700.01.T03	ATP-dependent helicase rhp16
maker-7-augustus-gene-192.26-mRNA-1	NA	NA		0	OsR498G0714412700.01.T04	Bromo domain-containing protein
maker-7-augustus-gene-192.30-mRNA-1	NA	NA		0	OsR498G0714413200.01.T01	Arogenate dehydratase/prephenate dehydratase 2 chloroplastic
maker-7-augustus-gene-192.34-mRNA-1	NA	NA		Os07g0512100	OsR498G0714413800.01.T01	ankyrin repeat domain-containing protein 13C-A
maker-7-augustus-gene-193.0-mRNA-1	NA	NA				Polynucleotidyl transferase ribonuclease H fold protein with HRDC domain
maker-7-augustus-gene-193.13-mRNA-1	NA	NA		0	OsR498G0714420400.01.T01	DUF629 domain-containing protein
maker-7-augustus-gene-193.6-mRNA-1	NA	NA		Os07g0512200	OsR498G0714414800.01.T01	Autophagy-related protein 8A
maker-7-augustus-gene-193.8-mRNA-1	NA	NA		Os07g0514400	OsR498G0714419600.01.T04	DUF629 domain-containing protein
maker-7-augustus-gene-194.22-mRNA-1	NA	NA				tRNA(Phe) (4-demethylwyosine(37)-C(7)) aminocarboxypropyltransferase
maker-7-augustus-gene-194.31-mRNA-1	NA	NA	CC-Kinase-TM	Os07g0515100	OsR498G0714421000.01.T03	Calcium-dependent protein kinase
maker-7-augustus-gene-195.37-mRNA-1	NA	Indica		Os07g0515700	OsR498G0714424710.01.T03	
maker-7-augustus-gene-195.39-mRNA-1	NA	NA		Os07g0516000	OsR498G0714425300.01.T05	Sialidase domain-containing protein
maker-7-augustus-gene-195.42-mRNA-1	NA	NA		Os07g0516600	OsR498G0714429900.01.T02	Protein DETOXIFICATION
maker-7-augustus-gene-195.46-mRNA-1	NA	Indica		Os03g0569900	OsR498G0714430500.01.T04	Polyadenylate-binding protein RBP45
maker-7-augustus-gene-195.51-mRNA-1	NA	NA		Os07g0517100	OsR498G0714431500.01.T01	15.4 kDa class V heat shock protein-like
maker-7-augustus-gene-195.53-mRNA-1	NA	NA		Os07g0517300	OsR498G0714432100.01.T01	Condensin-2 complex subunit H2
maker-7-augustus-gene-195.58-mRNA-1	NA	Indica		Os07g0517000	OsR498G0714430800.01.T01	DEAD-box ATP-dependent RNA helicase
maker-7-augustus-gene-195.62-mRNA-1	NA	NA		0	OsR498G0714432400.01.T01	Binding
maker-7-augustus-gene-196.37-mRNA-1	NA	Japonica		Os07g0517600	OsR498G0714433900.01.T01	Adenosinetriphosphatase
maker-7-augustus-gene-196.38-mRNA-1	NA	Japonica		Os07g0517600	OsR498G0714433900.01.T01	Adenosinetriphosphatase
maker-7-augustus-gene-196.43-mRNA-1	NA	Indica		Os07g0517900	OsR498G0714435800.01.T05	Taxane 10-beta-hydroxylase
maker-7-augustus-gene-197.1-mRNA-1	NA	NA		Os07g0519300	OsR498G0714440300.01.T03	Taxane 10-beta-hydroxylase
maker-7-augustus-gene-197.2-mRNA-1	NA	Indica		Os07g0519300	OsR498G0714440300.01.T03	Taxane 10-beta-hydroxylase
maker-7-augustus-gene-197.3-mRNA-1	NA	NA		0	OsR498G0714440500.01.T03	
maker-7-augustus-gene-197.4-mRNA-1	NA	Indica		Os07g0519300	OsR498G0714440500.01.T05	Taxane 10-beta-hydroxylase
maker-7-augustus-gene-197.5-mRNA-1	NA	Indica		Os07g0519500	OsR498G0714441900.01.T01	Taxane 10-beta-hydroxylase
maker-7-augustus-gene-197.66-mRNA-1	NA	NA		0	OsR498G0714446500.01.T01	Protein LHCP TRANSLOCATION DEFECT
maker-7-augustus-gene-197.68-mRNA-1	NA	NA		Os07g0521000	OsR498G0714447300.01.T03	Succinate dehydrogenase subunit 3
maker-7-augustus-gene-197.70-mRNA-1	NA	NA		0	OsR498G0714443800.01.T01	Microtubule-associated protein TORTIFOLIA1
maker-7-augustus-gene-197.75-mRNA-1	NA	NA	LRR-TM	0	OsR498G0714446800.01.T02	Patatin
maker-7-augustus-gene-198.15-mRNA-1	NA	Indica		Os07g0522900	OsR498G0714458300.01.T01	septum-promoting GTP-binding protein 1-like
maker-7-augustus-gene-198.2-mRNA-1	NA	NA		0	OsR498G0714454900.01.T01	PDR-type ABC transporter
maker-7-augustus-gene-198.20-mRNA-1	NA	NA		Os07g0523700	OsR498G1222153700.01.T02	60S ribosomal protein L44
maker-7-augustus-gene-198.9-mRNA-1	NA	Indica		Os07g0522600	OsR498G0714455300.01.T04	Ionotropic glutamate receptor
maker-7-augustus-gene-199.32-mRNA-1	NA	NA		Os07g0523100	OsR498G1222153700.01.T02	60S ribosomal protein L44
maker-7-augustus-gene-199.37-mRNA-1	NA	Japonica		Os07g0523100	OsR498G1222153700.01.T02	60S ribosomal protein L44
maker-7-augustus-gene-199.42-mRNA-1	NA	NA				
maker-7-augustus-gene-199.44-mRNA-1	NA	NA		Os07g0524000	OsR498G0714462100.01.T05	Actin-related protein 8
maker-7-augustus-gene-199.47-mRNA-1	NA	NA		Os07g0524100	OsR498G0714463500.01.T04	Protein disulfide isomerase12
maker-7-augustus-gene-199.53-mRNA-1	NA	NA		0	OsR498G0203764100.01.T01	PMD domain-containing protein
maker-7-augustus-gene-199.56-mRNA-1	NA	NA		Os02g0467500		PMD domain-containing protein
maker-7-augustus-gene-199.58-mRNA-1	NA	Indica		Os07g0523600	OsR498G0714459600.01.T01	Plastid phosphate translocator
maker-7-augustus-gene-199.63-mRNA-1	NA	NA		Os07g0524900	OsR498G0714465200.01.T01	Pentatricopeptide repeat-containing protein, mitochondrial
maker-7-augustus-gene-199.65-mRNA-1	NA	NA		0	OsR498G0714466600.01.T01	
maker-7-augustus-gene-2.0-mRNA-1	NA	NA		Os07g0103100	OsR498G0713362700.01.T01	Glutamate receptor
maker-7-augustus-gene-2.12-mRNA-1	NA	NA		Os07g0158200	OsR498G0713550700.01.T01	Deoxyribonuclease tatD
maker-7-augustus-gene-2.16-mRNA-1	NA	NA				
maker-7-augustus-gene-2.17-mRNA-1	NA	NA		0	OsR498G0713741700.01.T01	
maker-7-augustus-gene-2.20-mRNA-1	NA	NA				
maker-7-augustus-gene-2.24-mRNA-1	NA	NA				DDRGK domain-containing protein 1
maker-7-augustus-gene-2.29-mRNA-1	NA	NA		Os07g0158300	OsR498G0713551000.01.T01	33 kDa ribonucleoprotein chloroplastic
maker-7-augustus-gene-2.3-mRNA-1	NA	NA		Os07g0157000	OsR498G0713549900.01.T01	Peroxidase
maker-7-augustus-gene-2.32-mRNA-1	NA	NA		Os07g0111400	OsR498G0713390000.01.T01	WRKY transcription factor 4
maker-7-augustus-gene-2.5-mRNA-1	NA	NA		0	OsR498G0713550300.01.T05	Deoxyribonuclease tatD
maker-7-augustus-gene-20.35-mRNA-1	NA	NA		Os07g0146700		
maker-7-augustus-gene-20.37-mRNA-1	NA	NA		0	OsR498G0306743300.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-7-augustus-gene-200.40-mRNA-1	NA	NA		Os07g0525400	OsR498G0714467900.01.T01	Rab-GAP TBC domain-containing protein
maker-7-augustus-gene-200.42-mRNA-1	NA	NA		Os07g0525500	OsR498G0714468400.01.T01	Bisdemethoxycurcumin synthase
maker-7-augustus-gene-200.44-mRNA-1	NA	NA		Os07g0525900	OsR498G0714469600.01.T01	Bisdemethoxycurcumin synthase

maker-7-augustus-gene-200.46-mRNA-1	NA	NA		Os07g0526400	OsR498G0714472000.01.T01	Bisdemethoxycurcumin synthase
maker-7-augustus-gene-202.35-mRNA-1	NA	NA		Os07g0527800	OsR498G0714477500.01.T01	Protein ACCELERATED CELL DEATH 6
maker-7-augustus-gene-202.41-mRNA-1	NA	NA		0	OsR498G0714478700.01.T01	GDSL esterase/lipase
maker-7-augustus-gene-202.46-mRNA-1	NA	NA		Os07g0529600	OsR498G0714482300.01.T01	Thiamine thiazole synthase, chloroplastic
maker-7-augustus-gene-203.0-mRNA-1	NA	Indica		Os07g0529700	OsR498G0714482500.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-7-augustus-gene-203.10-mRNA-1	NA	Indica		Os07g0531700	OsR498G0714487700.01.T01	NUC153 domain-containing protein (Fragment)
maker-7-augustus-gene-203.13-mRNA-1	NA	Indica		Os07g0529800	OsR498G0714482800.01.T02	Translation initiation factor SU11
maker-7-augustus-gene-203.24-mRNA-1	NA	NA		Os07g0530700	OsR498G0714484800.01.T02	
maker-7-augustus-gene-203.27-mRNA-1	NA	NA		Os07g0531600	OsR498G0714487600.01.T01	Glycerol-3-phosphate O-acyltransferase 3/4
maker-7-augustus-gene-203.3-mRNA-1	NA	NA		Os07g0530600	OsR498G0714484500.01.T03	Bifunctional kinase-pyrophosphorylase
maker-7-augustus-gene-204.2-mRNA-1	NA	NA		Os07g0532500	OsR498G0714492200.01.T02	Ankyrin repeat protein-like
maker-7-augustus-gene-205.0-mRNA-1	NA	NA		0	OsR498G0714492700.01.T01	Homeobox domain-containing protein (Fragment)
maker-7-augustus-gene-205.2-mRNA-1	NA	NA		0	OsR498G0714494500.01.T01	Thylakoid lumenal 15.0 kDa protein 2 chloroplastic
maker-7-augustus-gene-205.7-mRNA-1	NA	NA	Kinase	0	OsR498G0714495300.01.T01	G-type lectin S-receptor-like serine/threonine-protein kinase
maker-7-augustus-gene-206.0-mRNA-1	NA	Indica	Kinase-TM	Os07g0535800	OsR498G0714500300.01.T06	Putative serine/threonine-specific protein kinase
maker-7-augustus-gene-206.10-mRNA-1	NA	Indica	Kinase-TM	Os07g0528700	OsR498G0714502100.01.T01	Cysteine-rich receptor-like protein kinase 8
maker-7-augustus-gene-206.4-mRNA-1	NA	NA	Kinase-TM	Os07g0537000	OsR498G0714501700.01.T01	Receptor-like serine-threonine protein kinase
maker-7-augustus-gene-206.5-mRNA-1	NA	NA	Kinase-TM			G-type lectin S-receptor-like serine/threonine-protein kinase
maker-7-augustus-gene-207.50-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0714502900.01.T01	Cysteine-rich receptor-like protein kinase 8
maker-7-augustus-gene-207.52-mRNA-1	NA	NA	Kinase-TM	Os07g0537900	OsR498G0714503300.01.T01	Cysteine-rich receptor-like protein kinase 8
maker-7-augustus-gene-207.62-mRNA-1	NA	NA	Kinase-TM	Os07g0537500	OsR498G0714502600.01.T01	Cysteine-rich receptor-like protein kinase 6
maker-7-augustus-gene-207.66-mRNA-1	NA	NA		Os07g0538000	OsR498G0714503600.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-7-augustus-gene-207.68-mRNA-1	NA	NA	Kinase-TM	Os07g0538200	OsR498G0714504000.01.T01	Cysteine-rich receptor-like protein kinase 6
maker-7-augustus-gene-207.81-mRNA-1	NA	NA				Glucan endo-1,3-beta-D-glucosidase
maker-7-augustus-gene-208.31-mRNA-1	NA	Indica	Kinase-TM	Os07g0537900	OsR498G0714510100.01.T01	Cysteine-rich receptor-like protein kinase 8
maker-7-augustus-gene-208.36-mRNA-1	NA	NA	Kinase-TM	Os07g0541000	OsR498G0714516300.01.T01	Receptor-like serine-threonine protein kinase
maker-7-augustus-gene-208.46-mRNA-1	NA	NA		Os07g0540200	OsR498G0714513000.01.T03	DCD domain-containing protein (Fragment)
maker-7-augustus-gene-208.47-mRNA-1	NA	NA		0	OsR498G0714514000.01.T02	DCD domain-containing protein (Fragment)
maker-7-augustus-gene-209.11-mRNA-1	NA	NA	Kinase-TM	Os07g0540800	OsR498G0714515800.01.T01	Receptor-like serine-threonine protein kinase
maker-7-augustus-gene-209.12-mRNA-1	NA	NA	Kinase-TM	Os07g0541000	OsR498G0714516800.01.T01	Cysteine-rich receptor-like protein kinase 10
maker-7-augustus-gene-209.26-mRNA-1	NA	NA	Kinase-TM	Os07g0541800	OsR498G0714517600.01.T05	Membrane binding protein
maker-7-augustus-gene-209.3-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-7-augustus-gene-209.30-mRNA-1	NA	NA	Kinase-TM	Os07g0541900	OsR498G0714517800.01.T05	Cysteine-rich receptor-like protein kinase 10
maker-7-augustus-gene-210.47-mRNA-1	NA	NA	Kinase-TM	Os07g0542400	OsR498G0714519200.01.T05	Putative Zea mays retrotransposon Opie-2
maker-7-augustus-gene-217.0-mRNA-1	NA	NA		0	OsR498G0714556100.01.T03	Eukaryotic translation initiation factor 4G
maker-7-augustus-gene-217.13-mRNA-1	NA	NA		Os07g0556000	OsR498G0714558200.01.T01	Cyclin N-terminal domain-containing protein
maker-7-augustus-gene-217.5-mRNA-1	NA	Indica		Os07g0555300	OsR498G0714556700.01.T01	MI domain-containing protein
maker-7-augustus-gene-218.12-mRNA-1	NA	NA		Os07g0557200	OsR498G0714562400.01.T01	Equilibrative nucleoside transporter
maker-7-augustus-gene-218.3-mRNA-1	NA	NA				
maker-7-augustus-gene-22.12-mRNA-1	NA	NA		Os07g0150500	OsR498G0713521200.01.T02	C3HC-type domain-containing protein (Fragment)
maker-7-augustus-gene-22.17-mRNA-1	NA	NA	Kinase-TM	Os07g0150700	OsR498G0713521400.01.T01	Non-specific serine/threonine protein kinase
maker-7-augustus-gene-22.9-mRNA-1	NA	NA		Os07g0150100	OsR498G0713518400.01.T01	Early responsive to dehydration stress protein (ERD4) isoform 1
maker-7-augustus-gene-220.0-mRNA-1	NA	NA		Os07g0562700	OsR498G0714578700.01.T01	Chlorophyll a-b binding protein of LHClI type III, chloroplastic
maker-7-augustus-gene-221.41-mRNA-1	NA	NA		Os07g0562800	OsR498G0714579000.01.T05	Myosin-1 isoform A
maker-7-augustus-gene-221.42-mRNA-1	NA	Indica		Os07g0562800	OsR498G0714579000.01.T01	Myosin-2
maker-7-augustus-gene-221.48-mRNA-1	NA	NA		Os07g0562700	OsR498G0714578700.01.T01	Chlorophyll a-b binding protein of LHClI type III, chloroplastic
maker-7-augustus-gene-221.53-mRNA-1	NA	NA		0	OsR498G0714581100.01.T03	D-erythro-sphingosine kinase/ diacylglycerol kinase
maker-7-augustus-gene-221.58-mRNA-1	NA	NA		Os07g0562700	OsR498G0714578700.01.T01	Chlorophyll a-b binding protein of LHClI type III, chloroplastic
maker-7-augustus-gene-221.60-mRNA-1	NA	Indica		Os07g0562800	OsR498G0714579000.01.T01	Myosin-2
maker-7-augustus-gene-222.53-mRNA-1	NA	NA		Os07g0564400		
maker-7-augustus-gene-223.55-mRNA-1	NA	NA		0	OsR498G0714586800.01.T02	HOPM interactor 7
maker-7-augustus-gene-223.68-mRNA-1	NA	NA		Os07g0565000	OsR498G0714587600.01.T01	Ribosomal protein S11-beta
maker-7-augustus-gene-227.17-mRNA-1	NA	NA		0	OsR498G0714607800.01.T02	Vacuole membrane 1
maker-7-augustus-gene-227.20-mRNA-1	NA	NA		Os07g0571600	OsR498G0714608200.01.T01	Chalcone--flavonone isomerase
maker-7-augustus-gene-227.25-mRNA-1	NA	NA		Os07g0571700	OsR498G0714608600.01.T01	Organic cation/carnitine transporter 7
maker-7-augustus-gene-227.27-mRNA-1	NA	NA		Os07g0571900	OsR498G0714609200.01.T01	Pre-mRNA-splicing factor 18
maker-7-augustus-gene-227.3-mRNA-1	NA	NA		Os07g0572000	OsR498G0714609300.01.T01	COMPASS-like H3K4 histone methylase component WDR5B
maker-7-augustus-gene-227.5-mRNA-1	NA	NA		Os07g0572100	OsR498G0714609700.01.T01	Amine oxidase
maker-7-augustus-gene-227.9-mRNA-1	NA	NA		Os07g0572400	OsR498G0714610700.01.T01	Putative serine/threonine-protein kinase yzf
maker-7-augustus-gene-228.2-mRNA-1	NA	NA	Kinase-TM	Os07g0572800	OsR498G0714612300.01.T06	Serine/threonine-protein kinase WNK1
maker-7-augustus-gene-229.47-mRNA-1	NA	Indica		Os07g0573300	OsR498G0714613700.01.T01	FYVE-type domain-containing protein (Fragment)

maker-7-augustus-gene-23.25-mRNA-1	NA	Japonica		Os07g0151700	OsR498G0713527500.01.T01	
maker-7-augustus-gene-23.29-mRNA-1	NA	NA		Os07g0151800	OsR498G0713527800.01.T01	
maker-7-augustus-gene-231.45-mRNA-1	NA	Japonica		Os07g0577400	OsR498G0714623100.01.T05	Constitutive photomorphogenesis protein 10
maker-7-augustus-gene-232.11-mRNA-1	NA	Indica		Os07g0580200	OsR498G0714631800.01.T01	
maker-7-augustus-gene-232.14-mRNA-1	NA	NA		Os07g0580500	OsR498G0714632200.01.T01	Protein BRASSINAZOLE-RESISTANT 2
maker-7-augustus-gene-232.16-mRNA-1	NA	NA		Os07g0580900	OsR498G0714634400.01.T03	Geranyl diphosphate synthase large subunit
maker-7-augustus-gene-232.4-mRNA-1	NA	NA		Os07g0578800	OsR498G0714628800.01.T03	Pentatricopeptide repeat-containing protein, mitochondrial
maker-7-augustus-gene-232.5-mRNA-1	NA	NA		Os07g0578800		
maker-7-augustus-gene-232.7-mRNA-1	NA	NA		0	OsR498G0714630400.01.T01	
maker-7-augustus-gene-232.9-mRNA-1	NA	Japonica		Os07g0580200	OsR498G0714631800.01.T01	
maker-7-augustus-gene-238.10-mRNA-1	NA	NA		Os07g0591700	OsR498G0714680900.01.T01	
maker-7-augustus-gene-239.12-mRNA-1	NA	NA		Os07g0592600	OsR498G0714682600.01.T01	Indole-3-acetic acid-amido synthetase GH3.8
maker-7-augustus-gene-239.7-mRNA-1	NA	NA		Os07g0592200		Aspartic proteinase-like protein 2
maker-7-augustus-gene-24.26-mRNA-1	NA	Japonica		Os07g0152700	OsR498G0713532700.01.T02	Glutathione S-transferase
maker-7-augustus-gene-24.29-mRNA-1	NA	NA		Os07g0152800	OsR498G0713533300.01.T08	Peroxin-13
maker-7-augustus-gene-24.32-mRNA-1	NA	NA		Os07g0152900	OsR498G0713533300.01.T09	(S)-2-hydroxy-acid oxidase
maker-7-augustus-gene-24.35-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0713530800.01.T02	Leucine-rich repeat receptor-like serine/threonine-protein kinase At1g17230
maker-7-augustus-gene-24.37-mRNA-1	NA	NA		Os07g0153000	OsR498G0713533800.01.T01	Tify domain-containing protein
maker-7-augustus-gene-24.39-mRNA-1	NA	NA				Penicillin-insensitive transglycosylase
maker-7-augustus-gene-24.43-mRNA-1	NA	Indica		Os07g0153300	OsR498G0713534800.01.T02	TBC1 domain family member 14 like
maker-7-augustus-gene-241.0-mRNA-1	NA	NA		0	OsR498G0714696100.01.T01	Mitochondrial saccharopine dehydrogenase
maker-7-augustus-gene-241.15-mRNA-1	NA	NA				Amino acid transporter AVT6A isoform B
maker-7-augustus-gene-241.2-mRNA-1	NA	NA		Os07g0598000	OsR498G0714699100.01.T01	Dihydroflavonol-4-reductase
maker-7-augustus-gene-241.26-mRNA-1	NA	NA		Os07g0598500	OsR498G0714700800.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-7-augustus-gene-241.8-mRNA-1	NA	NA		Os07g0598300	OsR498G0713503300.01.T01	Helicase ATP-binding domain-containing protein
maker-7-augustus-gene-242.44-mRNA-1	NA	NA		Os07g0599000	OsR498G0714702900.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-7-augustus-gene-242.47-mRNA-1	NA	NA		Os07g0600700	OsR498G0714708100.01.T01	X8 domain-containing protein
maker-7-augustus-gene-242.49-mRNA-1	NA	NA		Os07g0598700	OsR498G0714702000.01.T02	Golgin subfamily A member 4 isoform X1
maker-7-augustus-gene-242.53-mRNA-1	NA	NA	NBS-TM	Os07g0599100		Pentatricopeptide repeat
maker-7-augustus-gene-242.56-mRNA-1	NA	NA		Os07g0600400	OsR498G0714706600.01.T03	Ribosome biogenesis protein WDR12 homolog
maker-7-augustus-gene-243.39-mRNA-1	NA	NA		Os07g0602200	OsR498G0714712900.01.T04	Histone deacetylase
maker-7-augustus-gene-243.56-mRNA-1	NA	NA		0	OsR498G0714712200.01.T01	Putative hydrolase yugF
maker-7-augustus-gene-243.59-mRNA-1	NA	Japonica		Os07g0602600	OsR498G0714713800.01.T01	Glycine-rich protein2
maker-7-augustus-gene-244.33-mRNA-1	NA	Indica		Os07g0602900	OsR498G0714715000.01.T01	Ninja-family protein 6
maker-7-augustus-gene-244.35-mRNA-1	NA	NA		Os07g0603100	OsR498G0714716800.01.T01	Ras GTPase-activating protein-binding protein 2
maker-7-augustus-gene-244.40-mRNA-1	NA	NA		Os07g0603300	OsR498G0714717400.01.T02	Transcription initiation factor IIB
maker-7-augustus-gene-245.31-mRNA-1	NA	Indica		Os07g0603600	OsR498G0714720100.01.T01	Methylesterase 11, chloroplastic
maker-7-augustus-gene-245.36-mRNA-1	NA	NA		Os07g0603800	OsR498G0714721100.01.T03	Peptide transporter PTR2
maker-7-augustus-gene-245.44-mRNA-1	NA	NA		0	OsR498G0714723300.01.T01	COBRA-like protein 1
maker-7-augustus-gene-245.53-mRNA-1	NA	NA				COBRA-like protein 5
maker-7-augustus-gene-249.8-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-7-augustus-gene-25.26-mRNA-1	NA	NA		0	OsR498G0713539800.01.T01	Fanconi anemia group D2 protein homolog
maker-7-augustus-gene-250.32-mRNA-1	NA	NA		Os07g0614100	OsR498G0714748200.01.T02	Proteasome endopeptidase complex
maker-7-augustus-gene-250.8-mRNA-1	NA	NA	Kinase-TM	Os07g0613500	OsR498G0714745300.01.T02	Serine/threonine-protein kinase RIPK
maker-7-augustus-gene-251.29-mRNA-1	NA	NA		0	OsR498G0714749100.01.T02	Inter alpha-trypsin inhibitor, heavy chain 4
maker-7-augustus-gene-251.65-mRNA-1	NA	NA		Os07g0615800	OsR498G0714754000.01.T02	DNA-directed RNA polymerases II, IV and V subunit 9A
maker-7-augustus-gene-26.0-mRNA-1	NA	NA		Os07g0155100	OsR498G0713544300.01.T01	DAO domain-containing protein (Fragment)
maker-7-augustus-gene-26.11-mRNA-1	NA	NA		Os07g0157000	OsR498G0713549900.01.T01	Peroxidase
maker-7-augustus-gene-26.13-mRNA-1	NA	NA		0	OsR498G0713550300.01.T05	Deoxyribonuclease tatD
maker-7-augustus-gene-26.20-mRNA-1	NA	NA		Os07g0158200	OsR498G0713550700.01.T01	Deoxyribonuclease tatD
maker-7-augustus-gene-26.24-mRNA-1	NA	NA				DUF4220 domain-containing protein (Fragment)
maker-7-augustus-gene-26.27-mRNA-1	NA	NA		0	OsR498G0713550200.01.T06	
maker-7-augustus-gene-26.3-mRNA-1	NA	NA		Os07g0155600	OsR498G0713546500.01.T02	Ethylene insensitive
maker-7-augustus-gene-26.31-mRNA-1	NA	NA		Os07g0158300	OsR498G0713551000.01.T01	33 kDa ribonucleoprotein chloroplastic
maker-7-augustus-gene-26.9-mRNA-1	NA	NA		Os07g0156000	OsR498G0713549700.01.T01	Peroxidase
maker-7-augustus-gene-261.15-mRNA-1	NA	NA		0	OsR498G0917123900.01.T01	
maker-7-augustus-gene-266.13-mRNA-1	NA	NA		Os07g0645000	OsR498G0714852800.01.T01	Glycoprotein membrane GPI-anchored
maker-7-augustus-gene-266.15-mRNA-1	NA	NA				Non-specific serine/threonine protein kinase
maker-7-augustus-gene-266.8-mRNA-1	NA	NA		Os07g0645000	OsR498G0714852800.01.T01	Glycoprotein membrane GPI-anchored
maker-7-augustus-gene-267.44-mRNA-1	NA	NA		Os07g0645000	OsR498G0714852800.01.T01	Glycoprotein membrane GPI-anchored
maker-7-augustus-gene-267.46-mRNA-1	NA	NA				Non-specific serine/threonine protein kinase

maker-7-augustus-gene-268.0-mRNA-1	NA	NA		Os07g0583500		rRNA N-glycosidase
maker-7-augustus-gene-268.19-mRNA-1	NA	NA		Os07g0646600	OsR498G0714860400.01.T02	
maker-7-augustus-gene-268.22-mRNA-1	NA	NA		Os07g0646600	OsR498G0714860400.01.T01	Peptidase A1 domain-containing protein
maker-7-augustus-gene-268.23-mRNA-1	NA	NA		Os07g0646600	OsR498G0714860400.01.T01	Golgin subfamily A member 6-like protein 22
maker-7-augustus-gene-269.36-mRNA-1	NA	NA		0	OsR498G0714865900.01.T05	Mediator of RNA polymerase II transcription subunit 12
maker-7-augustus-gene-269.51-mRNA-1	NA	NA		0	OsR498G0408875900.01.T01	Phosphate synthase-like
maker-7-augustus-gene-27.29-mRNA-1	NA	NA		0	OsR498G0713551400.01.T01	CCAAT-binding transcription factor B
maker-7-augustus-gene-270.6-mRNA-1	NA	Japonica		Os07g0650600	OsR498G0714876300.01.T02	
maker-7-augustus-gene-271.35-mRNA-1	NA	NA		Os07g0651600		Retrovirus-related Pol polyprotein from transposon TNT 1-94
maker-7-augustus-gene-273.22-mRNA-1	NA	Indica		Os07g0543500	OsR498G0714874300.01.T01	
maker-7-augustus-gene-273.24-mRNA-1	NA	Indica		Os07g0543500	OsR498G0714874500.01.T01	Saposin B-type domain-containing protein
maker-7-augustus-gene-273.25-mRNA-1	NA	Japonica		Os07g0654450	OsR498G0714876300.01.T02	
maker-7-augustus-gene-276.3-mRNA-1	NA	NA		Os07g0659800	OsR498G0714892700.01.T02	RING-type E3 ubiquitin transferase
maker-7-augustus-gene-276.36-mRNA-1	NA	NA		0	OsR498G0714894200.01.T02	RNA pseudourine synthase 6, chloroplastic
maker-7-augustus-gene-276.5-mRNA-1	NA	Indica		Os03g0669000	OsR498G0714893500.01.T02	DEAD-box ATP-dependent RNA helicase 10
maker-7-augustus-gene-277.45-mRNA-1	NA	Japonica		Os07g0661800	OsR498G0305954400.01.T03	Nop domain-containing protein
maker-7-augustus-gene-277.47-mRNA-1	NA	NA		Os07g0662500	OsR498G0714900500.01.T01	Eukaryotic translation elongation factor 1B alpha-subunit
maker-7-augustus-gene-277.51-mRNA-1	NA	NA		Os07g0662600	OsR498G0714900900.01.T01	RRM domain-containing protein (Fragment)
maker-7-augustus-gene-277.59-mRNA-1	NA	NA		Os07g0661500	OsR498G0714898800.01.T02	DNA binding
maker-7-augustus-gene-277.64-mRNA-1	NA	NA		Os07g0661600	OsR498G0714899400.01.T04	ABA insensitive ring protein
maker-7-augustus-gene-277.68-mRNA-1	NA	NA		Os07g0661700	OsR498G0714899600.01.T03	Serine/threonine-protein kinase TAO1-A
maker-7-augustus-gene-277.70-mRNA-1	NA	NA		Os07g0661900	OsR498G0714900000.01.T02	Pentatricopeptide repeat-containing protein isoform A
maker-7-augustus-gene-277.72-mRNA-1	NA	NA				Tyrosine-specific transport protein-like isoform X1
maker-7-augustus-gene-278.0-mRNA-1	NA	NA		Os07g0662900	OsR498G0714902300.01.T05	Amylomaltase
maker-7-augustus-gene-278.10-mRNA-1	NA	NA		Os07g0664000	OsR498G0714906900.01.T01	Putative sex determination protein tasselseed 2
maker-7-augustus-gene-278.12-mRNA-1	NA	NA		Os07g0664300	OsR498G0714909500.01.T01	Putative sex determination protein tasselseed 2
maker-7-augustus-gene-278.13-mRNA-1	NA	NA		Os07g0664400	OsR498G0714909700.01.T01	Putative sex determination protein tasselseed 2
maker-7-augustus-gene-278.7-mRNA-1	NA	NA		Os07g0663500	OsR498G0714904500.01.T03	Putative sex determination protein tasselseed 2
maker-7-augustus-gene-278.8-mRNA-1	NA	NA		Os07g0663600	OsR498G0714905300.01.T01	Putative sex determination protein tasselseed 2
maker-7-augustus-gene-278.9-mRNA-1	NA	NA		Os07g0663700	OsR498G0714905900.01.T01	Putative sex determination protein tasselseed 2
maker-7-augustus-gene-278.92-mRNA-1	NA	Indica		Os07g0664500	OsR498G0714910700.01.T02	Putative sex determination protein tasselseed 2
maker-7-augustus-gene-278.95-mRNA-1	NA	NA		Os07g0663300	OsR498G0714904000.01.T01	RNA-binding protein BRN1
maker-7-augustus-gene-279.31-mRNA-1	NA	Indica		Os07g0665000	OsR498G0714911100.01.T01	Putative sex determination protein tasselseed 2
maker-7-augustus-gene-279.33-mRNA-1	NA	NA		Os07g0665000	OsR498G0714911700.01.T01	Putative sex determination protein tasselseed 2
maker-7-augustus-gene-279.35-mRNA-1	NA	NA		Os07g0665900	OsR498G0714913300.01.T03	
maker-7-augustus-gene-279.40-mRNA-1	NA	NA		Os07g0665200	OsR498G0714912000.01.T02	Superoxide dismutase
maker-7-augustus-gene-279.44-mRNA-1	NA	Japonica		Os07g0665300	OsR498G0714913000.01.T04	Superoxide dismutase
maker-7-augustus-gene-279.50-mRNA-1	NA	Indica		Os07g0665700	OsR498G0714913000.01.T03	Superoxide dismutase
maker-7-augustus-gene-279.55-mRNA-1	NA	NA		0	OsR498G0714913200.01.T01	Chlorophyllase
maker-7-augustus-gene-28.29-mRNA-1	NA	NA		Os07g0159800	OsR498G0713560100.01.T01	MD-2-related lipid recognition domain-containing protein / ML domain-cont
maker-7-augustus-gene-28.33-mRNA-1	NA	NA		Os07g0160000	OsR498G0713560700.01.T01	Ubiquitin carboxyl-terminal hydrolase
maker-7-augustus-gene-28.49-mRNA-1	NA	NA		Os07g0160400	OsR498G0713563400.01.T01	VOC domain-containing protein (Fragment)
maker-7-augustus-gene-280.12-mRNA-1	NA	Indica	Kinase-TM	Os03g0349200	OsR498G0714922100.01.T01	probable serine/threonine-protein kinase At1g54610
maker-7-augustus-gene-280.16-mRNA-1	NA	NA	Kinase-TM	0	OsR498G0714923700.01.T02	Receptor-like serine/threonine-protein kinase
maker-7-augustus-gene-280.19-mRNA-1	NA	NA		Os07g0668700	OsR498G0714924700.01.T02	Alpha/beta-Hydrolases superfamily protein
maker-7-augustus-gene-280.30-mRNA-1	NA	Indica		Os09g0442400	OsR498G0714922400.01.T02	Protein GAMETE EXPRESSED 1
maker-7-augustus-gene-280.35-mRNA-1	NA	NA		Os07g0668200	OsR498G0714922800.01.T02	RING finger and CHY zinc finger domain-containing protein 1 isoform 1
maker-7-augustus-gene-280.39-mRNA-1	NA	Indica		Os07g0668300	OsR498G0714923000.01.T01	Gdsl esterasellipase
maker-7-augustus-gene-280.42-mRNA-1	NA	NA	Kinase-TM	Os07g0668900	OsR498G0714925200.01.T01	Serine/threonine-protein kinase PBL27
maker-7-augustus-gene-281.0-mRNA-1	NA	NA		Os07g0669000	OsR498G0714925300.01.T02	DNA polymerase zeta catalytic subunit
maker-7-augustus-gene-281.10-mRNA-1	NA	NA		Os07g0669200	OsR498G0714925900.01.T01	GTP-binding protein OBG, chloroplastic
maker-7-augustus-gene-281.13-mRNA-1	NA	NA				
maker-7-augustus-gene-281.15-mRNA-1	NA	NA				
maker-7-augustus-gene-281.27-mRNA-1	NA	NA		Os07g0669100	OsR498G0714925800.01.T02	Xylose isomerase
maker-7-augustus-gene-281.34-mRNA-1	NA	NA		Os07g0669600	OsR498G0714928400.01.T02	Potassium transporter 7 (Fragment)
maker-7-augustus-gene-281.37-mRNA-1	NA	NA		Os07g0669700	OsR498G0714928600.01.T03	Potassium transporter
maker-7-augustus-gene-281.7-mRNA-1	NA	NA		0	OsR498G0714925500.01.T01	DNA polymerase zeta catalytic subunit
maker-7-augustus-gene-282.15-mRNA-1	NA	Japonica		Os07g0671800	OsR498G0714935100.01.T01	Stress-related protein (Fragment)
maker-7-augustus-gene-282.4-mRNA-1	NA	Indica		Os07g0671400	OsR498G0714933500.01.T04	HMA domain-containing protein
maker-7-augustus-gene-282.7-mRNA-1	NA	NA		Os07g0671700	OsR498G0714934900.01.T01	Histone-arginine methyltransferase CARM1
maker-7-augustus-gene-285.9-mRNA-1	NA	NA		Os07g0679000	OsR498G0714957000.01.T03	Potassium transporter

maker-7-augustus-gene-287.53-mRNA-1	NA	NA		Os07g0682400	OsR498G0714968400.01.T01	Zinc finger CCH domain-containing protein 53
maker-7-augustus-gene-3.50-mRNA-1	NA	NA		Os07g0111600	OsR498G0713391900.01.T01	Purple acid phosphatase
maker-7-augustus-gene-3.52-mRNA-1	NA	NA		Os07g0112100	OsR498G0713394500.01.T04	Flavin-containing monooxygenase
maker-7-augustus-gene-3.54-mRNA-1	NA	NA		Os07g0112800	OsR498G0713396500.01.T06	Eukaryotic translation initiation factor 5A
maker-7-augustus-gene-3.60-mRNA-1	NA	NA		0	OsR498G0713397700.01.T01	
maker-7-augustus-gene-3.63-mRNA-1	NA	Indica		Os07g0111001	OsR498G0713398300.01.T01	
maker-7-augustus-gene-3.66-mRNA-1	NA	NA		Os07g0112400		3'-5' exonuclease domain-containing protein
maker-7-augustus-gene-3.67-mRNA-1	NA	Indica		Os07g0112700	OsR498G0713396200.01.T02	Phytoecyanin domain-containing protein (Fragment)
maker-7-augustus-gene-3.69-mRNA-1	NA	NA		Os07g0113200	OsR498G0713397600.01.T02	
maker-7-augustus-gene-32.48-mRNA-1	NA	NA		Os07g0167700		
maker-7-augustus-gene-32.50-mRNA-1	NA	Japonica		Os07g0168600	OsR498G0713590100.01.T01	Glucan endo-1,3-beta-D-glucosidase
maker-7-augustus-gene-32.62-mRNA-1	NA	NA		Os07g0168000	OsR498G0713588000.01.T03	Polynucleotide phosphorylase 1
maker-7-augustus-gene-33.50-mRNA-1	NA	NA		Os07g0169600	OsR498G0713593500.01.T03	2'-deoxymugineic-acid 2'-dioxxygenase
maker-7-augustus-gene-33.54-mRNA-1	NA	NA		Os07g0169700	OsR498G0713593700.01.T01	Gibberellin 20 oxidase
maker-7-augustus-gene-33.56-mRNA-1	NA	NA		Os07g0170200	OsR498G0713596500.01.T01	HNHc domain-containing protein (Fragment)
maker-7-augustus-gene-33.60-mRNA-1	NA	NA		0	OsR498G0713598700.01.T02	F-box domain
maker-7-augustus-gene-33.63-mRNA-1	NA	NA		Os07g0170900	OsR498G0713599300.01.T02	
maker-7-augustus-gene-33.66-mRNA-1	NA	Indica		Os07g0171100	OsR498G0713599500.01.T01	Putative tyrosine phosphatase (Fragment)
maker-7-augustus-gene-33.70-mRNA-1	NA	NA		Os07g0171300	OsR498G0713600100.01.T02	Casein kinase
maker-7-augustus-gene-33.76-mRNA-1	NA	NA				2-oxoisovalerate dehydrogenase subunit beta
maker-7-augustus-gene-33.82-mRNA-1	NA	NA		Os07g0170300	OsR498G0713596800.01.T02	YTH domain-containing family protein 2
maker-7-augustus-gene-33.86-mRNA-1	NA	Indica		Os07g0171200	OsR498G0713599800.01.T01	ADP-glucose phosphorylase
maker-7-augustus-gene-34.42-mRNA-1	NA	NA		0	OsR498G0713600500.01.T01	
maker-7-augustus-gene-34.44-mRNA-1	NA	NA		0	OsR498G0713601100.01.T01	
maker-7-augustus-gene-34.46-mRNA-1	NA	NA		0	OsR498G0713601900.01.T03	DNA-binding protein RHL1-like isoform X3
maker-7-augustus-gene-35.51-mRNA-1	NA	NA		Os07g0175600	OsR498G0713610900.01.T01	non-specific lipid-transfer protein-like protein At2g13820
maker-7-augustus-gene-35.63-mRNA-1	NA	NA		Os07g0175900	OsR498G0713613000.01.T03	Type IV inositol polyphosphate 5-phosphatase 7
maker-7-augustus-gene-36.35-mRNA-1	NA	NA	Kinase-TM	Os07g0176600	OsR498G0713618700.01.T01	Serine/threonine-protein kinase Nek2
maker-7-augustus-gene-36.40-mRNA-1	NA	NA				MMS19 nucleotide excision repair protein
maker-7-augustus-gene-36.46-mRNA-1	NA	NA		Os07g0177000		DUF295 domain-containing protein (Fragment)
maker-7-augustus-gene-36.47-mRNA-1	NA	Indica		Os07g0177000	OsR498G0713621000.01.T02	DUF295 domain-containing protein
maker-7-augustus-gene-36.52-mRNA-1	NA	NA		Os07g0177200	OsR498G0713621400.01.T01	Transmembrane BAX inhibitor motif-containing protein 4
maker-7-augustus-gene-36.54-mRNA-1	NA	NA		Os07g0177300	OsR498G0713621600.01.T01	Transmembrane BAX inhibitor motif-containing protein 4
maker-7-augustus-gene-38.10-mRNA-1	NA	Indica		Os07g0181000	OsR498G0713631900.01.T01	Pyruvate kinase isozyme A, chloroplastic
maker-7-augustus-gene-38.13-mRNA-1	NA	Japonica		Os07g0181100	OsR498G0510043600.01.T01	S-type anion channel SLAH3
maker-7-augustus-gene-38.8-mRNA-1	NA	NA		Os07g0180900	OsR498G0713631700.01.T01	Ribosomal protein L4/L1 family
maker-7-augustus-gene-39.0-mRNA-1	NA	Indica		Os03g0797600	OsR498G0713634900.01.T03	Transcription factor UNE12
maker-7-augustus-gene-4.0-mRNA-1	NA	NA		0	OsR498G0713398500.01.T01	
maker-7-augustus-gene-4.18-mRNA-1	NA	NA		Os07g0114000	OsR498G0713401800.01.T01	Protein-serine/threonine phosphatase
maker-7-augustus-gene-4.2-mRNA-1	NA	NA		Os07g0114300	OsR498G0713402900.01.T03	C2 domain-containing protein
maker-7-augustus-gene-4.20-mRNA-1	NA	NA	Kinase-TM	Os07g0114400	OsR498G0713403200.01.T01	CK2 protein kinase alpha 4
maker-7-augustus-gene-4.25-mRNA-1	NA	NA		0	OsR498G0713405400.01.T01	
maker-7-augustus-gene-4.27-mRNA-1	NA	NA		Os07g0115200	OsR498G0713405600.01.T01	
maker-7-augustus-gene-4.5-mRNA-1	NA	NA		Os07g0114500	OsR498G0713403700.01.T01	
maker-7-augustus-gene-4.8-mRNA-1	NA	NA				F-box domain-containing protein (Fragment)
maker-7-augustus-gene-40.55-mRNA-1	NA	NA		0	OsR498G0713640100.01.T01	Auxin response factor
maker-7-augustus-gene-40.75-mRNA-1	NA	NA		0	OsR498G0713638000.01.T01	Auxin response factor
maker-7-augustus-gene-40.77-mRNA-1	NA	Indica		Os03g0798600	OsR498G0713641800.01.T01	Ribosomal protein S19/S15
maker-7-augustus-gene-41.0-mRNA-1	NA	NA		0	OsR498G0713647100.01.T03	TPX2 domain-containing protein
maker-7-augustus-gene-42.29-mRNA-1	NA	NA		0	OsR498G0713653700.01.T01	D-2-hydroxyglutarate dehydrogenase mitochondrial
maker-7-augustus-gene-44.33-mRNA-1	NA	NA		Os07g0190600		ATP-dependent DNA helicase
maker-7-augustus-gene-44.36-mRNA-1	NA	Indica		Os03g0687000	OsR498G0713666000.01.T03	Putative peptide/nitrate transporter
maker-7-augustus-gene-44.38-mRNA-1	NA	NA		Os07g0190800	OsR498G0713666200.01.T01	Thioredoxin h
maker-7-augustus-gene-44.40-mRNA-1	NA	NA		Os07g0190900	OsR498G0713666400.01.T01	Forkhead-associated FHA domain-containing protein
maker-7-augustus-gene-45.35-mRNA-1	NA	NA		Os07g0191000	OsR498G0713666500.01.T02	Histidinol-phosphatase
maker-7-augustus-gene-45.43-mRNA-1	NA	NA		0	OsR498G0713671700.01.T01	Half-size ABCG transporter
maker-7-augustus-gene-45.45-mRNA-1	NA	NA				CYSTM domain-containing protein
maker-7-augustus-gene-45.47-mRNA-1	NA	NA		Os07g0191700	OsR498G0713672300.01.T01	Putative 2',3'-cyclic-nucleotide 3'-phosphodiesterase
maker-7-augustus-gene-46.0-mRNA-1	NA	NA		Os07g0192900	OsR498G0713676500.01.T01	Early flower 5
maker-7-augustus-gene-46.10-mRNA-1	NA	NA		Os07g0193600	OsR498G0713679800.01.T01	DDT domain-containing protein DDR4
maker-7-augustus-gene-46.15-mRNA-1	NA	NA				Transcription factor BHLH089

maker-7-augustus-gene-46.4-mRNA-1	NA	NA		0	OsR498G0713677100.01.T01	GSDH domain-containing protein (Fragment)
maker-7-augustus-gene-46.7-mRNA-1	NA	NA		Os07g0193200		protein ACCELERATED CELL DEATH 6-like
maker-7-augustus-gene-47.29-mRNA-1	NA	NA		Os07g0194000	OsR498G0713681100.01.T01	Vesicle-associated membrane protein 721
maker-7-augustus-gene-47.32-mRNA-1	NA	NA	Kinase-TM	Os07g0194100	OsR498G0713681500.01.T01	Non-specific serine/threonine protein kinase
maker-7-augustus-gene-47.34-mRNA-1	NA	Indica		Os07g0194350	OsR498G0713682400.01.T01	CLAVATA3/ESR (CLE)-related protein 25
maker-7-augustus-gene-47.36-mRNA-1	NA	NA		Os07g0194500	OsR498G0713682800.01.T01	Procollagen-proline 4-dioxygenase
maker-7-augustus-gene-47.38-mRNA-1	NA	Indica		Os03g0803900	OsR498G0713684800.01.T01	Galectin domain-containing protein (Fragment)
maker-7-augustus-gene-47.40-mRNA-1	NA	NA		Os07g0195100	OsR498G0713686000.01.T01	Ras-related protein ARA-3
maker-7-augustus-gene-47.42-mRNA-1	NA	NA		Os07g0195200	OsR498G0713686200.01.T01	Galectin domain-containing protein (Fragment)
maker-7-augustus-gene-49.2-mRNA-1	NA	NA		0	OsR498G0713699200.01.T05	
maker-7-augustus-gene-5.37-mRNA-1	NA	NA		Os07g0115300	OsR498G0713405700.01.T01	Peroxidase
maker-7-augustus-gene-5.39-mRNA-1	NA	NA	LRR-TM	Os07g0115400		LRR receptor-like serine/threonine-protein kinase FLS2
maker-7-augustus-gene-5.41-mRNA-1	NA	Indica		Os03g0762900	OsR498G0713407100.01.T01	Protein SNOWY COTYLEDON 3
maker-7-augustus-gene-5.44-mRNA-1	NA	NA		Os03g0643100	OsR498G0713408500.01.T01	WAC domain-containing protein
maker-7-augustus-gene-53.25-mRNA-1	NA	Indica		Os03g0807700	OsR498G0713723100.01.T01	Putative Galactose-binding domain-containing protein
maker-7-augustus-gene-53.38-mRNA-1	NA	Indica		Os07g0206700	OsR498G0713721600.01.T03	Methyltransferase
maker-7-augustus-gene-54.0-mRNA-1	NA	Indica		Os03g0807800	OsR498G0713724300.01.T01	Ribosomal protein S5
maker-7-augustus-gene-54.13-mRNA-1	NA	NA		Os07g0208600	OsR498G0713732500.01.T02	Remorin
maker-7-augustus-gene-54.15-mRNA-1	NA	NA	Kinase-LRR-TM	Os07g0207100	OsR498G0713723400.01.T01	Leucine-rich repeat receptor-like tyrosine-protein kinase PXC3
maker-7-augustus-gene-54.17-mRNA-1	NA	NA		0	OsR498G0713726400.01.T02	Polygalacturonase
maker-7-augustus-gene-54.2-mRNA-1	NA	NA		Os07g0207700	OsR498G0713726900.01.T04	Putative small phosphatase-like protein 2-B
maker-7-augustus-gene-54.20-mRNA-1	NA	Indica		Os07g0208100	OsR498G0713727200.01.T01	Polygalacturonase
maker-7-augustus-gene-54.22-mRNA-1	NA	NA		Os07g0208000	OsR498G0713727400.01.T02	30S ribosomal protein S8, chloroplastic
maker-7-augustus-gene-54.24-mRNA-1	NA	NA		Os05g0394100	OsR498G0713729200.01.T01	NAM-associated domain-containing protein
maker-7-augustus-gene-54.26-mRNA-1	NA	NA		Os07g0208500	OsR498G0713731400.01.T02	Cellulose synthase
maker-7-augustus-gene-54.8-mRNA-1	NA	NA		Os07g0208100	OsR498G0713727500.01.T02	Polygalacturonase
maker-7-augustus-gene-55.27-mRNA-1	NA	Indica		Os07g0208900	OsR498G0713733900.01.T01	MFS domain-containing protein (Fragment)
maker-7-augustus-gene-55.31-mRNA-1	NA	NA		Os07g0209000	OsR498G0713734100.01.T01	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subu
maker-7-augustus-gene-55.36-mRNA-1	NA	NA		0	OsR498G0713736900.01.T09	DNA polymerase zeta catalytic subunit
maker-7-augustus-gene-55.38-mRNA-1	NA	Indica		Os07g0209500	OsR498G0713736900.01.T10	DNA polymerase zeta catalytic subunit
maker-7-augustus-gene-55.40-mRNA-1	NA	NA		0	OsR498G0713738100.01.T03	
maker-7-augustus-gene-55.41-mRNA-1	NA	Indica		Os07g0209800	OsR498G0713738700.01.T01	DNA-binding protein EMBP-1
maker-7-augustus-gene-55.47-mRNA-1	NA	Indica		Os07g0210000	OsR498G0713740300.01.T01	Exocyst subunit Exo70 family protein (Fragment)
maker-7-augustus-gene-55.50-mRNA-1	NA	NA		Os07g0209100	OsR498G0713734600.01.T01	Galactinol-raffinose galactosyltransferase
maker-7-augustus-gene-55.56-mRNA-1	NA	NA		0	OsR498G0713736200.01.T01	
maker-7-augustus-gene-56.33-mRNA-1	NA	NA		0	OsR498G0713741700.01.T01	
maker-7-augustus-gene-56.35-mRNA-1	NA	NA		0	OsR498G0713745500.01.T02	Mediator of RNA polymerase II transcription subunit 33A like
maker-7-augustus-gene-56.41-mRNA-1	NA	NA		Os07g0211400	OsR498G0713747300.01.T01	Protein-serine/threonine phosphatase
maker-7-augustus-gene-56.45-mRNA-1	NA	NA		0	OsR498G0713747700.01.T01	BHLH domain-containing protein
maker-7-augustus-gene-56.50-mRNA-1	NA	NA		Os07g0211000	OsR498G0713744000.01.T05	Exocyst subunit Exo70 family protein (Fragment)
maker-7-augustus-gene-57.28-mRNA-1	NA	NA		Os07g0212200	OsR498G0713751900.01.T03	Chloroplast stem-loop binding protein a, chloroplastic
maker-7-augustus-gene-57.29-mRNA-1	NA	NA		Os07g0212200	OsR498G0713751900.01.T04	Chloroplast stem-loop binding protein a, chloroplastic
maker-7-augustus-gene-57.38-mRNA-1	NA	NA		Os07g0211800	OsR498G0713750000.01.T02	Alpha/beta-Hydrolases superfamily protein
maker-7-augustus-gene-57.44-mRNA-1	NA	NA		0	OsR498G0713750800.01.T01	nitrate regulatory gene2 protein isoform X1
maker-7-augustus-gene-57.46-mRNA-1	NA	NA		Os07g0212300	OsR498G0713752200.01.T01	NUDIX hydrolase domain
maker-7-augustus-gene-57.49-mRNA-1	NA	NA		Os07g0212400		HGWP repeat containing protein-like
maker-7-augustus-gene-58.30-mRNA-1	NA	NA		Os07g0213400	OsR498G0713759900.01.T01	Phytochrome interacting factor 3-like 2
maker-7-augustus-gene-58.32-mRNA-1	NA	NA		0	OsR498G0713763500.01.T01	
maker-7-augustus-gene-58.36-mRNA-1	NA	Indica		Os07g0213300	OsR498G0713759600.01.T07	Pentatricopeptide repeat
maker-7-augustus-gene-58.38-mRNA-1	NA	NA		0	OsR498G0815909000.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-7-augustus-gene-59.32-mRNA-1	NA	NA		Os07g0214900	OsR498G0713765800.01.T01	Chalcone synthase
maker-7-augustus-gene-59.34-mRNA-1	NA	Indica		Os07g0215200	OsR498G0713768000.01.T06	
maker-7-augustus-gene-61.30-mRNA-1	NA	NA				Tau-cadinol synthase
maker-7-augustus-gene-62.26-mRNA-1	NA	Japonica		Os07g0218700	OsR498G0408175300.01.T01	5-epiaristolochene 1,3-dihydroxylase
maker-7-augustus-gene-62.28-mRNA-1	NA	Japonica		Os07g0218700	OsR498G0408175300.01.T01	5-epiaristolochene 1,3-dihydroxylase
maker-7-augustus-gene-89.0-mRNA-1	NA	NA		Os07g0264100	OsR498G0713942700.01.T04	Erythronate-4-phosphate+dehydrogenase+domain+containing+protein
maker-7-augustus-gene-9.3-mRNA-1	NA	NA		Os07g0124600	OsR498G0713438100.01.T02	Growth-regulating factor 1
maker-7-augustus-gene-9.5-mRNA-1	NA	Indica		Os07g0124700	OsR498G0713440300.01.T02	AP2/ERF domain-containing transcription factor
maker-7-augustus-gene-92.0-mRNA-1	NA	NA		Os07g0269800		F-box domain-containing protein (Fragment)
maker-7-augustus-gene-97.4-mRNA-1	NA	Indica		Os03g0843300	OsR498G0713971400.01.T01	Salt tolerance protein II
maker-7-augustus-gene-98.10-mRNA-1	NA	NA		Os07g0274100	OsR498G0713985100.01.T04	Metallophos domain-containing protein (Fragment)

maker-8-augustus-gene-0.20-mRNA-1	NA	NA		Os01g0276800	OsR498G0100656000.01.T01	Glucosidase 2 subunit beta
maker-8-augustus-gene-0.26-mRNA-1	NA	NA		Os08g0105000	OsR498G0815037800.01.T01	PHD finger protein EHD3
maker-8-augustus-gene-0.29-mRNA-1	NA	NA		Os08g0105100	OsR498G0815038000.01.T02	F-box protein isoform B
maker-8-augustus-gene-0.31-mRNA-1	NA	Japonica	Kinase-TM	Os08g0124900	OsR498G0815100800.01.T01	Putative receptor-type protein kinase LRK1
maker-8-augustus-gene-10.30-mRNA-1	NA	Indica		Os08g0117000	OsR498G0815078900.01.T01	Kinesin-like protein KIN-1
maker-8-augustus-gene-10.38-mRNA-1	NA	NA		Os08g0117100	OsR498G0815079100.01.T01	Ribonucleoprotein, chloroplastic
maker-8-augustus-gene-10.40-mRNA-1	NA	NA	Kinase-LRR-TM	Os08g0117700	OsR498G0815080100.01.T01	Somatic embryogenesis receptor kinase 5-like
maker-8-augustus-gene-10.42-mRNA-1	NA	NA		Os08g0117800	OsR498G0815080500.01.T01	Cation/H(+) antiporter
maker-8-augustus-gene-10.44-mRNA-1	NA	NA				Pleckstrin homology (PH) domain-containing protein
maker-8-augustus-gene-10.49-mRNA-1	NA	NA		Os08g0116700		VP513 domain-containing protein
maker-8-augustus-gene-10.53-mRNA-1	NA	NA		Os08g0116800	OsR498G0815078400.01.T01	Putative polyribonucleotide nucleotidyltransferase, PNPase/RNase PH domain
maker-8-augustus-gene-10.57-mRNA-1	NA	NA		Os08g0116900	OsR498G0815078600.01.T01	Hexosyltransferase
maker-8-augustus-gene-10.63-mRNA-1	NA	NA		Os08g0117200	OsR498G0815079400.01.T01	Cytoplasmatic ribosomal protein S13
maker-8-augustus-gene-10.65-mRNA-1	NA	NA		Os08g0117300	OsR498G0815079600.01.T01	Cytoplasmatic ribosomal protein S13
maker-8-augustus-gene-10.69-mRNA-1	NA	NA		Os08g0117900	OsR498G0815080800.01.T02	Myeloid leukemia factor
maker-8-augustus-gene-100.32-mRNA-1	NA	NA		Os08g0260600	OsR498G0815571400.01.T01	Tetraspanin-8
maker-8-augustus-gene-101.27-mRNA-1	NA	NA		Os08g0261100	OsR498G0815573000.01.T01	Fiber protein Fb34
maker-8-augustus-gene-102.39-mRNA-1	NA	NA		Os08g0263600		
maker-8-augustus-gene-103.0-mRNA-1	NA	NA		0	OsR498G0815582300.01.T01	Lactation elevated protein 1
maker-8-augustus-gene-103.12-mRNA-1	NA	NA		Os08g0266600	OsR498G0815585300.01.T04	WD-40 repeat protein family
maker-8-augustus-gene-103.14-mRNA-1	NA	NA		Os08g0266700	OsR498G0815585700.01.T01	Sister chromatid cohesion 1 protein 3
maker-8-augustus-gene-103.6-mRNA-1	NA	Japonica		Os08g0266300	OsR498G0815584300.01.T02	SGNH hydrolase-type esterase superfamily protein
maker-8-augustus-gene-104.0-mRNA-1	NA	NA				F-box domain-containing protein
maker-8-augustus-gene-104.10-mRNA-1	NA	NA		Os08g0267800	OsR498G0815589400.01.T01	F-box domain-containing protein
maker-8-augustus-gene-104.2-mRNA-1	NA	NA		0	OsR498G0815591300.01.T02	DNA-directed RNA polymerase III subunit RPC5
maker-8-augustus-gene-105.31-mRNA-1	NA	NA		Os08g0269500	OsR498G0815593200.01.T01	
maker-8-augustus-gene-105.33-mRNA-1	NA	Indica		Os08g0269600	OsR498G0815593400.01.T01	
maker-8-augustus-gene-105.37-mRNA-1	NA	Indica		Os08g0269800	OsR498G0815593800.01.T02	F-box protein SKIP1
maker-8-augustus-gene-106.29-mRNA-1	NA	NA		Os08g0270800	OsR498G0815597900.01.T03	
maker-8-augustus-gene-106.35-mRNA-1	NA	NA		Os08g0271600		
maker-8-augustus-gene-107.37-mRNA-1	NA	Japonica		Os08g0272200	OsR498G0815603900.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-8-augustus-gene-107.41-mRNA-1	NA	NA		Os08g0272000	OsR498G0815603000.01.T01	Multivesicular body subunit 12B like
maker-8-augustus-gene-107.43-mRNA-1	NA	NA				
maker-8-augustus-gene-108.41-mRNA-1	NA	NA		Os08g0273300	OsR498G0815607300.01.T01	Phytoecyanin domain-containing protein
maker-8-augustus-gene-109.0-mRNA-1	NA	NA		Os08g0276100	OsR498G0815615900.01.T02	Photosynthetic NDH subunit of subcomplex B 1 chloroplastic
maker-8-augustus-gene-109.3-mRNA-1	NA	NA				Transmembrane 9 superfamily member
maker-8-augustus-gene-109.5-mRNA-1	NA	NA		0	OsR498G0815616200.01.T02	WRKY transcription factor
maker-8-augustus-gene-110.33-mRNA-1	NA	NA		Os08g0277200	OsR498G0815620900.01.T01	Epimerase domain-containing protein (Fragment)
maker-8-augustus-gene-111.25-mRNA-1	NA	NA				Syntaxin-51 isoform A
maker-8-augustus-gene-111.30-mRNA-1	NA	NA		Os08g0278100	OsR498G0815624700.01.T01	vicilin-like seed storage protein At2g18540
maker-8-augustus-gene-111.33-mRNA-1	NA	Japonica		Os08g0278966	OsR498G0815628300.01.T01	Splicing factor subunit
maker-8-augustus-gene-112.26-mRNA-1	NA	NA		Os08g0280100	OsR498G0815633100.01.T06	Purple acid phosphatase
maker-8-augustus-gene-113.38-mRNA-1	NA	Indica		Os02g0116400	OsR498G0815634100.01.T01	Probable metal-nicotianamine transporter YSL17
maker-8-augustus-gene-114.0-mRNA-1	NA	Indica		Os02g0116300	OsR498G0815634100.01.T01	Probable metal-nicotianamine transporter YSL17
maker-8-augustus-gene-114.2-mRNA-1	NA	NA		0	OsR498G0815635100.01.T01	Reticulon domain-containing protein
maker-8-augustus-gene-115.36-mRNA-1	NA	NA				F-box domain-containing protein
maker-8-augustus-gene-115.41-mRNA-1	NA	NA		Os08g0282000	OsR498G0815638800.01.T01	Tobamovirus multiplication protein like
maker-8-augustus-gene-115.45-mRNA-1	NA	NA		Os08g0448900		DUF223 domain-containing protein
maker-8-augustus-gene-116.43-mRNA-1	NA	NA		Os08g0282400	OsR498G0815641700.01.T01	Alpha-soluble NSF attachment protein 2
maker-8-augustus-gene-116.48-mRNA-1	NA	NA		Os08g0285500		
maker-8-augustus-gene-116.50-mRNA-1	NA	Indica	Kinase-TM	Os05g0319700	OsR498G0815646200.01.T03	Phytosulfokine receptor
maker-8-augustus-gene-117.29-mRNA-1	NA	NA		0	OsR498G0815647100.01.T01	Pectate lyase
maker-8-augustus-gene-119.0-mRNA-1	NA	NA		Os08g0288200	OsR498G0815658200.01.T02	Adenylate kinase
maker-8-augustus-gene-119.5-mRNA-1	NA	NA		Os08g0288500	OsR498G0815659600.01.T01	G-patch domain containing protein
maker-8-augustus-gene-120.0-mRNA-1	NA	NA		Os08g0289000	OsR498G0815661100.01.T01	
maker-8-augustus-gene-120.2-mRNA-1	NA	NA		Os06g0255700	OsR498G0612023500.01.T05	Protein CHROMATIN REMODELING 35
maker-8-augustus-gene-121.41-mRNA-1	NA	NA		Os08g0290700	OsR498G0815667700.01.T01	O-methyltransferase ZRP4
maker-8-augustus-gene-121.43-mRNA-1	NA	NA		Os08g0290100	OsR498G0815665000.01.T03	Aberrant root formation protein 4
maker-8-augustus-gene-121.47-mRNA-1	NA	NA		Os08g0290400	OsR498G0815665600.01.T01	Translation initiation factor IF-2, putative isoform 1
maker-8-augustus-gene-122.0-mRNA-1	NA	NA		Os08g0290900		RNA polymerase Rpb7 N-terminal domain-containing protein
maker-8-augustus-gene-122.2-mRNA-1	NA	NA		Os08g0292000	OsR498G0815672300.01.T02	

maker-8-augustus-gene-123.0-mRNA-1	NA	Indica		Os08g0292900	OsR498G0815676500.01.T01	Homeobox protein knotted-1-like 3 isoform B
maker-8-augustus-gene-123.5-mRNA-1	NA	NA	CC-NBS-TM	Os08g0293300	OsR498G0815678600.01.T02	Disease resistance protein RPM1
maker-8-augustus-gene-125.24-mRNA-1	NA	NA		Os08g0307400	OsR498G0815726600.01.T05	Phosphatidylinositol 3-kinase
maker-8-augustus-gene-125.31-mRNA-1	NA	NA		Os08g0295300	OsR498G0815686000.01.T01	Threonyl-tRNA synthetase
maker-8-augustus-gene-125.40-mRNA-1	NA	NA		0	OsR498G0100492200.01.T06	Longin domain-containing protein
maker-8-augustus-gene-126.2-mRNA-1	NA	NA		Os12g0468900	OsR498G0510503700.01.T01	Cell wall protein-like
maker-8-augustus-gene-127.40-mRNA-1	NA	NA		Os08g0305300	OsR498G0815720600.01.T05	DNA/RNA-binding domain
maker-8-augustus-gene-128.20-mRNA-1	NA	NA		Os08g0300200	OsR498G0815704000.01.T02	Synaptotagmin-5
maker-8-augustus-gene-128.26-mRNA-1	NA	NA				Far-red impaired response-like
maker-8-augustus-gene-128.28-mRNA-1	NA	Indica		Os08g0300300	OsR498G0815705100.01.T01	Chloride channel G
maker-8-augustus-gene-128.35-mRNA-1	NA	NA				Fatty acyl-CoA reductase
maker-8-augustus-gene-129.31-mRNA-1	NA	Indica		Os08g0299300	OsR498G0815698400.01.T02	
maker-8-augustus-gene-129.34-mRNA-1	NA	NA		0	OsR498G0407881700.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-8-augustus-gene-129.37-mRNA-1	NA	Indica		Os07g0421000	OsR498G0815699500.01.T02	Monogalactosyldiacylglycerol synthase
maker-8-augustus-gene-129.39-mRNA-1	NA	NA		Os08g0299400	OsR498G0815699300.01.T01	Monogalactosyldiacylglycerol synthase
maker-8-augustus-gene-129.42-mRNA-1	NA	NA		Os08g0299000	OsR498G0815695900.01.T01	Memo domain-containing protein
maker-8-augustus-gene-13.39-mRNA-1	NA	NA		0	OsR498G0815094500.01.T02	Calcineurin B-like protein 1
maker-8-augustus-gene-13.42-mRNA-1	NA	Indica		Os08g0395500	OsR498G0815094500.01.T01	Bidirectional sugar transporter SWEET
maker-8-augustus-gene-130.28-mRNA-1	NA	NA		Os08g0297800	OsR498G0815691300.01.T01	Cytosolic sulfotransferase 5
maker-8-augustus-gene-131.0-mRNA-1	NA	NA		Os08g0296900	OsR498G0815689800.01.T03	Octicosapeptide/Phox/Bem1p domain-containing protein
maker-8-augustus-gene-132.0-mRNA-1	NA	NA	CC-LRR-NBS-TM	Os08g0296600	OsR498G0815689000.01.T01	NBS resistance protein (Fragment)
maker-8-augustus-gene-132.15-mRNA-1	NA	Indica		Os08g0301600	OsR498G0815710000.01.T01	
maker-8-augustus-gene-132.2-mRNA-1	NA	NA		Os08g0301500	OsR498G0815709500.01.T03	UDP-glucose-fructose-phosphate glucosyltransferase
maker-8-augustus-gene-132.7-mRNA-1	NA	NA		Os08g0302000	OsR498G0815712500.01.T01	Peroxidase
maker-8-augustus-gene-132.9-mRNA-1	NA	NA	CC-LRR-NBS-TM	Os08g0296700	OsR498G0815689300.01.T01	Putative bacterial blight-resistance protein Xa1
maker-8-augustus-gene-133.30-mRNA-1	NA	NA		Os08g0304900	OsR498G0815719900.01.T05	DNA-(apurinic or apyrimidinic site) lyase
maker-8-augustus-gene-134.35-mRNA-1	NA	NA		Os08g0308100	OsR498G0815730600.01.T01	Eukaryotic translation initiation factor 3 subunit I
maker-8-augustus-gene-134.42-mRNA-1	NA	NA		Os04g0590366	OsR498G0203601400.01.T01	
maker-8-augustus-gene-134.45-mRNA-1	NA	Indica		Os08g0309225	OsR498G0815733400.01.T02	Protein DCL, chloroplastic
maker-8-augustus-gene-134.46-mRNA-1	NA	NA		Os08g0309300	OsR498G0815736000.01.T04	Retrieval of early ER protein Rer1
maker-8-augustus-gene-135.37-mRNA-1	NA	NA		Os08g0310100	OsR498G0815738100.01.T02	60S ribosomal protein L10, mitochondrial
maker-8-augustus-gene-135.39-mRNA-1	NA	NA		Os08g0313200	OsR498G0815742700.01.T01	Cystathionine beta-synthase, core
maker-8-augustus-gene-136.0-mRNA-1	NA	NA		Os08g0314800	OsR498G0815746500.01.T01	Polyadenylate-binding protein (Fragment)
maker-8-augustus-gene-138.24-mRNA-1	NA	NA	Kinase-TM	Os08g0249100	OsR498G0815539600.01.T01	probable receptor-like serine/threonine-protein kinase At5g57670
maker-8-augustus-gene-138.26-mRNA-1	NA	NA	Kinase-TM	Os08g0249100	OsR498G0815539600.01.T01	probable receptor-like serine/threonine-protein kinase At5g57670
maker-8-augustus-gene-139.24-mRNA-1	NA	NA		0	OsR498G1120765700.01.T01	DDE Tnp4 domain-containing protein
maker-8-augustus-gene-139.26-mRNA-1	NA	NA				
maker-8-augustus-gene-14.37-mRNA-1	NA	NA		Os11g0175500	OsR498G1119504300.01.T05	E3 ubiquitin-protein ligase CHFR
maker-8-augustus-gene-141.0-mRNA-1	NA	NA		Os08g0318500	OsR498G0815757200.01.T03	Exocyst complex component SEC8
maker-8-augustus-gene-143.0-mRNA-1	NA	Indica		Os08g0150800	OsR498G0815763300.01.T01	Tyrosyl-tRNA synthetase
maker-8-augustus-gene-143.13-mRNA-1	NA	NA		Os08g0320300	OsR498G0815765100.01.T02	
maker-8-augustus-gene-143.20-mRNA-1	NA	Indica		Os09g0255400	OsR498G0815765900.01.T03	Indole-3-glycerol-phosphate synthase
maker-8-augustus-gene-143.27-mRNA-1	NA	NA				Putative cytosolic oligopeptidase A
maker-8-augustus-gene-143.29-mRNA-1	NA	NA		Os08g0319900	OsR498G0815763200.01.T02	Cyclase-like protein 3
maker-8-augustus-gene-143.33-mRNA-1	NA	NA		Os08g0320200	OsR498G0815765000.01.T02	Oligopeptide transporter
maker-8-augustus-gene-143.35-mRNA-1	NA	Indica		Os08g0321000	OsR498G0815767600.01.T01	Fasciclin-like arabinogalactan protein 2
maker-8-augustus-gene-143.7-mRNA-1	NA	NA				Heterogeneous nuclear ribonucleoprotein like
maker-8-augustus-gene-145.29-mRNA-1	NA	NA	LRR-TM	Os08g0322500	OsR498G0815772300.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-8-augustus-gene-145.31-mRNA-1	NA	NA		Os08g0322600	OsR498G0815773200.01.T01	4-hydroxybenzoate polyprenyltransferase, mitochondrial
maker-8-augustus-gene-145.35-mRNA-1	NA	NA		Os08g0323000	OsR498G0815774200.01.T01	Alpha-mannosidase
maker-8-augustus-gene-145.36-mRNA-1	NA	NA		0	OsR498G0815774200.01.T05	Signal recognition particle subunit SRP68
maker-8-augustus-gene-146.0-mRNA-1	NA	NA		Os08g0323600	OsR498G0815779000.01.T02	CBM20 domain-containing protein (Fragment)
maker-8-augustus-gene-146.7-mRNA-1	NA	NA		0	OsR498G0815779400.01.T05	Cation-chloride cotransporter
maker-8-augustus-gene-148.32-mRNA-1	NA	Japonica		Os08g0326500	OsR498G0815786100.01.T01	(1->3)-beta-glucan endohydrolase
maker-8-augustus-gene-149.29-mRNA-1	NA	NA		Os08g0326600	OsR498G0815786500.01.T01	Glutamine amidotransferase
maker-8-augustus-gene-149.34-mRNA-1	NA	NA		0	OsR498G0815786700.01.T02	Subtilisin-like serine protease
maker-8-augustus-gene-149.39-mRNA-1	NA	NA		Os08g0327400	OsR498G0815789900.01.T05	Enoyl-ACP reductase
maker-8-augustus-gene-150.35-mRNA-1	NA	NA		Os08g0328300	OsR498G0815792700.01.T05	ENT domain-containing protein (Fragment)
maker-8-augustus-gene-150.41-mRNA-1	NA	NA				DUF1618 domain-containing protein (Fragment)
maker-8-augustus-gene-151.0-mRNA-1	NA	NA				RNase H domain-containing protein
maker-8-augustus-gene-151.5-mRNA-1	NA	NA				F-box domain-containing protein

maker-8-augustus-gene-152.35-mRNA-1	NA	Indica		Os09g0281900	OsR498G0815804700.01.T04	Mediator of RNA polymerase II transcription subunit 14
maker-8-augustus-gene-152.44-mRNA-1	NA	NA	NBS-TM			NBS-LRR disease resistance protein homologue (Fragment)
maker-8-augustus-gene-152.46-mRNA-1	NA	NA		Os08g0332700	OsR498G0815804200.01.T04	Dipeptidase 3 (Fragment)
maker-8-augustus-gene-152.52-mRNA-1	NA	NA		Os08g0333100	OsR498G0815805400.01.T01	Cobyric acid synthase (Fragment)
maker-8-augustus-gene-152.53-mRNA-1	NA	NA		Os08g0333100	OsR498G0815805400.01.T01	
maker-8-augustus-gene-154.36-mRNA-1	NA	Indica		Os08g0334300	OsR498G0815813300.01.T02	L-type lectin-domain containing receptor kinase IX.1
maker-8-augustus-gene-154.39-mRNA-1	NA	NA				DNMT1-RFD domain-containing protein
maker-8-augustus-gene-154.43-mRNA-1	NA	Indica		Os08g0337100	OsR498G0815817100.01.T01	Protein ENHANCED DOWNY MILDEW 2 isoform A
maker-8-augustus-gene-155.27-mRNA-1	NA	NA		0	OsR498G0815818100.01.T02	Protein ENHANCED DOWNY MILDEW 2
maker-8-augustus-gene-155.35-mRNA-1	NA	NA		Os08g0337700	OsR498G0815818800.01.T01	Growth hormone-regulated TBC protein 1
maker-8-augustus-gene-156.24-mRNA-1	NA	NA		0	OsR498G0815825100.01.T01	Golgin subfamily A member 6-like protein 22 isoform X2
maker-8-augustus-gene-156.26-mRNA-1	NA	NA		Os08g0339200	OsR498G0815827700.01.T03	D-aminoacyl-tRNA deacylase-like
maker-8-augustus-gene-156.35-mRNA-1	NA	Indica		Os08g0338700	OsR498G0815825400.01.T01	GrpE nucleotide exchange factor
maker-8-augustus-gene-156.39-mRNA-1	NA	NA		Os08g0338900	OsR498G0815826400.01.T02	Enhancer of polycomb-like protein
maker-8-augustus-gene-158.0-mRNA-1	NA	NA		Os08g0341700	OsR498G0815835100.01.T02	Phosphatidylinositol/phosphatidylcholine transfer protein SFH13-like isoform
maker-8-augustus-gene-158.16-mRNA-1	NA	Indica		Os08g0342400	OsR498G0815837600.01.T01	Aspartokinase
maker-8-augustus-gene-158.8-mRNA-1	NA	NA	Kinase-TM	Os08g0343000	OsR498G0815840500.01.T03	Proline-rich receptor-like protein kinase PERK14 isoform X5
maker-8-augustus-gene-159.0-mRNA-1	NA	NA		Os08g0343300	OsR498G0815842100.01.T01	Transcription initiation factor IIE subunit alpha
maker-8-augustus-gene-159.16-mRNA-1	NA	NA		Os08g0344600	OsR498G0815845300.01.T01	Phosphoenolpyruvate/phosphate translocator like
maker-8-augustus-gene-159.8-mRNA-1	NA	NA		Os08g0344100	OsR498G0815843500.01.T02	Histone deacetylase
maker-8-augustus-gene-160.28-mRNA-1	NA	Indica		Os08g0345400	OsR498G0815848100.01.T02	Rho GTPase-activating protein 21-A (Fragment)
maker-8-augustus-gene-160.33-mRNA-1	NA	NA		0	OsR498G0815849900.01.T02	Pyrophosphate-fructose 6-phosphate 1-phosphotransferase subunit alpha
maker-8-augustus-gene-160.37-mRNA-1	NA	NA		Os08g0363000	OsR498G0815846800.01.T01	F-box domain containing protein, expressed
maker-8-augustus-gene-161.1-mRNA-1	NA	Indica		Os09g0299200	OsR498G0815853100.01.T03	MYB-CC type transfactor
maker-8-augustus-gene-162.26-mRNA-1	NA	NA				
maker-8-augustus-gene-162.28-mRNA-1	NA	NA				Photosystem II PsbP, oxygen evolving complex
maker-8-augustus-gene-163.0-mRNA-1	NA	NA		Os08g0349100	OsR498G0815862900.01.T01	Dirigent protein (Fragment)
maker-8-augustus-gene-163.2-mRNA-1	NA	NA		Os08g0352100	OsR498G0815861800.01.T01	
maker-8-augustus-gene-166.0-mRNA-1	NA	NA		Os08g0352100	OsR498G0815873600.01.T01	
maker-8-augustus-gene-17.39-mRNA-1	NA	NA		Os08g0129600	OsR498G0815110800.01.T02	Protein CHUP1, chloroplastic isoform A
maker-8-augustus-gene-170.39-mRNA-1	NA	NA		Os08g0376500	OsR498G0815955500.01.T01	Patatin group A-3
maker-8-augustus-gene-170.40-mRNA-1	NA	NA		Os08g0376500	OsR498G0815955500.01.T01	Patatin group A-3
maker-8-augustus-gene-170.43-mRNA-1	NA	NA		Os08g0474700	OsR498G0816298700.01.T04	Protein transport protein SEC23
maker-8-augustus-gene-170.44-mRNA-1	NA	NA				Protein transport protein SEC23
maker-8-augustus-gene-170.53-mRNA-1	NA	NA		Os08g0474500	OsR498G0816298400.01.T01	Patatin
maker-8-augustus-gene-177.44-mRNA-1	NA	NA		Os08g0360000	OsR498G0815887100.01.T02	Thiamine-phosphate synthase
maker-8-augustus-gene-177.57-mRNA-1	NA	NA		Os08g0359500	OsR498G0815886000.01.T01	CS domain
maker-8-augustus-gene-177.62-mRNA-1	NA	NA		Os08g0360100	OsR498G0815887400.01.T01	Chloroplastic group IIA intron splicing facilitator like
maker-8-augustus-gene-181.37-mRNA-1	NA	NA		0	OsR498G0815909100.01.T01	
maker-8-augustus-gene-181.39-mRNA-1	NA	NA		Os08g0364900	OsR498G0815911100.01.T05	Pirin domain-containing protein
maker-8-augustus-gene-181.45-mRNA-1	NA	Japonica		Os08g0363800	OsR498G0815927700.01.T02	Iron-sulfur assembly protein IscA-like protein 2, mitochondrial
maker-8-augustus-gene-181.48-mRNA-1	NA	NA	Kinase-TM	Os08g0365800		Putative WAK family receptor-like protein kinase
maker-8-augustus-gene-182.25-mRNA-1	NA	NA		Os08g0366100	OsR498G0815912500.01.T01	Multiprotein-bridging factor 1b
maker-8-augustus-gene-182.28-mRNA-1	NA	NA		Os08g0365900	OsR498G0815911800.01.T04	Putative methyltransferase NSUN6
maker-8-augustus-gene-182.31-mRNA-1	NA	NA		Os08g0366000	OsR498G0815912200.01.T01	Phosphoenolpyruvate carboxylase
maker-8-augustus-gene-182.36-mRNA-1	NA	Indica		Os08g0366200	OsR498G0815913800.01.T01	Elf4 domain-containing protein
maker-8-augustus-gene-183.19-mRNA-1	NA	Indica		Os05g0310800	OsR498G0815920400.01.T01	Coatomer subunit delta
maker-8-augustus-gene-187.0-mRNA-1	NA	Indica		Os08g0371476	OsR498G0815932400.01.T03	Carotenoid cleavage dioxygenase like b
maker-8-augustus-gene-189.26-mRNA-1	NA	Indica		Os08g0374200	OsR498G0815944200.01.T01	UBC core domain-containing protein
maker-8-augustus-gene-189.30-mRNA-1	NA	NA		Os08g0374400	OsR498G0815946000.01.T01	DnaJ subfamily B member like
maker-8-augustus-gene-19.1-mRNA-1	NA	NA		Os08g0132600	OsR498G0815119900.01.T01	
maker-8-augustus-gene-19.14-mRNA-1	NA	NA				rRNA N-glycosidase
maker-8-augustus-gene-19.2-mRNA-1	NA	Japonica		Os08g0132100	OsR498G0815123300.01.T01	
maker-8-augustus-gene-190.0-mRNA-1	NA	Indica	Kinase-TM	Os08g0374600	OsR498G0815946800.01.T03	Cytokinin-regulated kinase-like
maker-8-augustus-gene-190.8-mRNA-1	NA	NA		Os08g0374900	OsR498G0815948000.01.T01	GATA zinc finger domain-containing protein
maker-8-augustus-gene-191.0-mRNA-1	NA	NA		Os08g0375900	OsR498G0815953300.01.T02	Nudix hydrolase
maker-8-augustus-gene-191.10-mRNA-1	NA	NA	Kinase-LRR-TM	Os08g0376300	OsR498G0815955000.01.T01	Receptor-like protein kinase 5
maker-8-augustus-gene-191.2-mRNA-1	NA	Indica		Os08g0376200	OsR498G0815954100.01.T01	Nudix hydrolase
maker-8-augustus-gene-191.6-mRNA-1	NA	NA		Os08g0376500	OsR498G0815955500.01.T01	Patatin group A-3
maker-8-augustus-gene-192.27-mRNA-1	NA	NA				Response regulatory domain-containing protein
maker-8-augustus-gene-192.29-mRNA-1	NA	Indica		Os08g0358800	OsR498G0815959500.01.T01	Response regulator

maker-8-augustus-gene-192.31-mRNA-1	NA	NA		Os08g0377500	OsR498G0815960700.01.T01	NAC domain-containing protein
maker-8-augustus-gene-192.33-mRNA-1	NA	NA		Os08g0377400	OsR498G0815960600.01.T05	RNA exonuclease 4
maker-8-augustus-gene-193.43-mRNA-1	NA	NA		Os08g0379400	OsR498G0815962200.01.T01	2-methylene-furan-3-one reductase
maker-8-augustus-gene-194.3-mRNA-1	NA	NA		Os08g0382400	OsR498G0815970500.01.T05	Peptidylprolyl isomerase
maker-8-augustus-gene-195.11-mRNA-1	NA	NA		0	OsR498G0815974000.01.T01	TauD domain-containing protein (Fragment)
maker-8-augustus-gene-195.13-mRNA-1	NA	NA		Os08g0384100	OsR498G0815974800.01.T01	double-stranded RNA-binding protein 3-like
maker-8-augustus-gene-195.17-mRNA-1	NA	Indica		Os08g0384500	OsR498G0815975800.01.T02	ABC transporter domain-containing protein
maker-8-augustus-gene-195.4-mRNA-1	NA	Indica		Os08g0384000	OsR498G0815974500.01.T01	probable transmembrane ascorbate ferireductase 2
maker-8-augustus-gene-195.7-mRNA-1	NA	NA		Os08g0384900	OsR498G0815976700.01.T06	RING-CH-type domain-containing protein
maker-8-augustus-gene-196.19-mRNA-1	NA	NA				Transposon protein, putative, Mutator sub-class, expressed
maker-8-augustus-gene-196.23-mRNA-1	NA	NA				RRM domain-containing protein
maker-8-augustus-gene-196.26-mRNA-1	NA	NA		Os08g0386200	OsR498G0815979300.01.T01	Transcription factor WRKY
maker-8-augustus-gene-196.28-mRNA-1	NA	NA				Cytochrome B5-like protein isoform A
maker-8-augustus-gene-197.0-mRNA-1	NA	NA		Os08g0386700	OsR498G0815980500.01.T01	Hexosyltransferase
maker-8-augustus-gene-197.20-mRNA-1	NA	NA		Os08g0387200	OsR498G0815983900.01.T01	Membrane protein-like
maker-8-augustus-gene-197.3-mRNA-1	NA	NA		Os08g0386800	OsR498G0815981100.01.T02	Manganese tracking factor
maker-8-augustus-gene-197.9-mRNA-1	NA	NA		0	OsR498G0815981900.01.T02	Golgin candidate 4
maker-8-augustus-gene-198.39-mRNA-1	NA	NA		Os08g0387400	OsR498G0815984500.01.T01	Endoglucanase
maker-8-augustus-gene-198.41-mRNA-1	NA	NA	LRR-NBS-TM	Os08g0388300	OsR498G0815986100.01.T07	
maker-8-augustus-gene-198.45-mRNA-1	NA	NA				4-hydroxybenzoate polyprenyltransferase, mitochondrial
maker-8-augustus-gene-198.47-mRNA-1	NA	NA		Os08g0387500	OsR498G0815985000.01.T02	Thermosome subunit gamma
maker-8-augustus-gene-198.49-mRNA-1	NA	NA	LRR-NBS-TM	Os08g0387700	OsR498G0815985400.01.T03	Disease resistance protein RPM1
maker-8-augustus-gene-199.0-mRNA-1	NA	NA		Os08g0389700	OsR498G0815992300.01.T02	Membrane protein-like
maker-8-augustus-gene-199.14-mRNA-1	NA	NA		0	OsR498G1221375400.01.T01	Transposon protein, putative, CACTA, En/Spm sub-class
maker-8-augustus-gene-199.18-mRNA-1	NA	Indica		Os08g0390100	OsR498G0815993800.01.T01	Retinol dehydrogenase 13
maker-8-augustus-gene-199.22-mRNA-1	NA	NA				
maker-8-augustus-gene-20.35-mRNA-1	NA	NA				Skp1 domain-containing protein
maker-8-augustus-gene-201.2-mRNA-1	NA	Indica		Os08g0393700	OsR498G0816006600.01.T02	VAN3-binding protein isoform X4
maker-8-augustus-gene-202.0-mRNA-1	NA	NA		0	OsR498G0409137400.01.T01	
maker-8-augustus-gene-202.2-mRNA-1	NA	Indica		Os10g0368400	OsR498G0816011100.01.T02	AP complex subunit sigma
maker-8-augustus-gene-203.45-mRNA-1	NA	NA		Os08g0398700	OsR498G0816027700.01.T01	Aminopeptidase
maker-8-augustus-gene-203.57-mRNA-1	NA	NA		Os08g0398800	OsR498G0816028000.01.T01	Pre-mRNA cleavage factor Im 25 kDa subunit
maker-8-augustus-gene-204.12-mRNA-1	NA	NA		Os08g0399600	OsR498G0816030200.01.T03	Elongation factor Ts, mitochondrial
maker-8-augustus-gene-204.2-mRNA-1	NA	NA		Os08g0400300	OsR498G0816031900.01.T04	DnaJ subfamily C member 2, N-terminally processed like
maker-8-augustus-gene-205.7-mRNA-1	NA	NA		Os08g0401800	OsR498G0816036000.01.T01	Phospholipase D
maker-8-augustus-gene-206.5-mRNA-1	NA	NA		Os08g0404300	OsR498G0816046500.01.T01	RpmA
maker-8-augustus-gene-206.7-mRNA-1	NA	NA		Os08g0404300	OsR498G0816046500.01.T01	RpmA
maker-8-augustus-gene-21.58-mRNA-1	NA	Indica		Os04g0627000	OsR498G0815133600.01.T01	Homeobox-leucine zipper protein ROC7
maker-8-augustus-gene-210.50-mRNA-1	NA	NA	CC-LRR-NBS-TM	0	OsR498G0816075400.01.T01	Disease resistance protein RPM1
maker-8-augustus-gene-210.52-mRNA-1	NA	Japonica	CC-LRR-NBS-TM	Os08g0412100	OsR498G0816076200.01.T01	Disease resistance protein RPM1
maker-8-augustus-gene-210.54-mRNA-1	NA	NA		Os08g0412200	OsR498G0816076400.01.T02	Nucleolar protein 15
maker-8-augustus-gene-210.59-mRNA-1	NA	NA		Os08g0412500	OsR498G0816077400.01.T03	Mitochondrial pyruvate carrier
maker-8-augustus-gene-211.59-mRNA-1	NA	NA		Os08g0413000	OsR498G0816078200.01.T01	Cell division control protein 48
maker-8-augustus-gene-212.62-mRNA-1	NA	NA		0	OsR498G0816087000.01.T06	RNA-binding protein 25
maker-8-augustus-gene-214.19-mRNA-1	NA	NA		Os08g0420600	OsR498G0816096900.01.T03	Nucleobase-ascorbate transporter 6
maker-8-augustus-gene-215.36-mRNA-1	NA	NA		Os08g0420700	OsR498G0816098100.01.T01	
maker-8-augustus-gene-215.38-mRNA-1	NA	NA		Os08g0421900	OsR498G0816101500.01.T04	Chromatin remodeling protein like
maker-8-augustus-gene-215.41-mRNA-1	NA	NA		Os08g0422000	OsR498G0816101700.01.T01	Lycopene cyclase CruP
maker-8-augustus-gene-215.47-mRNA-1	NA	Indica		Os08g0422300	OsR498G0816102300.01.T03	Replication and maintenance protein (Fragment)
maker-8-augustus-gene-216.34-mRNA-1	NA	Indica		Os08g0423500	OsR498G0816107900.01.T01	Bifunctional monodehydroascorbate reductase and carbonic anhydrase nec
maker-8-augustus-gene-217.46-mRNA-1	NA	NA		Os08g0423500	OsR498G0816112000.01.T01	Type IV inositol polyphosphate 5-phosphatase 9
maker-8-augustus-gene-219.36-mRNA-1	NA	Indica		Os08g0428300	OsR498G0816120800.01.T06	
maker-8-augustus-gene-220.0-mRNA-1	NA	NA		0	OsR498G0305881800.01.T01	Putative far-red impaired response protein
maker-8-augustus-gene-220.6-mRNA-1	NA	NA		Os08g0514300		
maker-8-augustus-gene-221.6-mRNA-1	NA	Indica		Os08g0431100	OsR498G0816137300.01.T01	Agenet domain-containing protein / bromo-adjacent homology (BAH) doma
maker-8-augustus-gene-221.9-mRNA-1	NA	Indica		Os09g0408500	OsR498G0816137700.01.T01	Heavy metal-associated isoprenylated plant protein 7
maker-8-augustus-gene-222.16-mRNA-1	NA	NA		Os08g0431900	OsR498G0816140400.01.T04	MADS-box transcription factor
maker-8-augustus-gene-222.21-mRNA-1	NA	NA		Os08g0432500	OsR498G0816144000.01.T01	ATP-dependent Clp protease adaptor protein ClpS containing protein
maker-8-augustus-gene-223.44-mRNA-1	NA	Indica		Os08g0433100	OsR498G0816148400.01.T03	
maker-8-augustus-gene-223.52-mRNA-1	NA	NA		Os08g0433500	OsR498G0816149600.01.T01	NAC domain-containing protein 79
maker-8-augustus-gene-225.31-mRNA-1	NA	Japonica		Os08g0435700	OsR498G0816157500.01.T01	Transcription factor MYB105

maker-8-augustus-gene-225.37-mRNA-1	NA	NA		0	OsR498G0816160500.01.T01	Membrane peptidase
maker-8-augustus-gene-225.43-mRNA-1	NA	NA		Os08g0436700	OsR498G0816161300.01.T02	NAC (No Apical Meristem) domain transcriptional regulator superfamily protein
maker-8-augustus-gene-225.45-mRNA-1	NA	NA		Os08g0435800	OsR498G0816158800.01.T02	Biotinyl protein ligase (BPL) and lipoyl protein ligase (LPL), catalytic domain c
maker-8-augustus-gene-225.48-mRNA-1	NA	NA		Os08g0435900	OsR498G0816159000.01.T01	Chlorophyll a-b binding protein, chloroplastic
maker-8-augustus-gene-225.57-mRNA-1	NA	NA		Os08g0436800	OsR498G0816162000.01.T01	Ribosomal protein l34
maker-8-augustus-gene-226.22-mRNA-1	NA	NA		Os08g0437200	OsR498G0816162900.01.T01	Transcription factor MYB30
maker-8-augustus-gene-226.24-mRNA-1	NA	NA		Os08g0438600	OsR498G0816166700.01.T02	Exostosin domain-containing protein (Fragment)
maker-8-augustus-gene-226.30-mRNA-1	NA	NA		Os08g0439000		ATP-dependent 6-phosphofructokinase 5 chloroplastic
maker-8-augustus-gene-227.0-mRNA-1	NA	NA		Os08g0439100	OsR498G0816168300.01.T02	START domain
maker-8-augustus-gene-227.7-mRNA-1	NA	NA		0	OsR498G0816168500.01.T03	Defective in cullin neddylation protein (Fragment)
maker-8-augustus-gene-228.42-mRNA-1	NA	NA				Glycosyltransferase 39 like protein (Fragment)
maker-8-augustus-gene-231.32-mRNA-1	NA	Japonica		Os03g0643100	OsR498G0816199700.01.T01	WAC domain-containing protein
maker-8-augustus-gene-236.2-mRNA-1	NA	NA		0	OsR498G0611768000.01.T01	
maker-8-augustus-gene-246.0-mRNA-1	NA	NA		Os08g0514800		Ptta/En/Spm family plant transposase
maker-8-augustus-gene-246.8-mRNA-1	NA	NA		Os08g0472800	OsR498G0816292400.01.T01	Absciscic acid 8'-hydroxylase
maker-8-augustus-gene-247.42-mRNA-1	NA	NA		Os08g0474700	OsR498G0816298700.01.T04	Protein transport protein SEC23
maker-8-augustus-gene-247.43-mRNA-1	NA	NA				Protein transport protein SEC23
maker-8-augustus-gene-247.61-mRNA-1	NA	NA				Tuliposide A-converting enzyme 2, chloroplastic
maker-8-augustus-gene-249.45-mRNA-1	NA	NA		0	OsR498G0816317400.01.T01	
maker-8-augustus-gene-25.43-mRNA-1	NA	NA				
maker-8-augustus-gene-25.45-mRNA-1	NA	NA		Os08g0144000	OsR498G0815154900.01.T01	Myb transcription factor
maker-8-augustus-gene-25.53-mRNA-1	NA	NA				
maker-8-augustus-gene-250.27-mRNA-1	NA	NA		Os08g0480000	OsR498G0816319500.01.T04	Protein DETOXIFICATION
maker-8-augustus-gene-250.32-mRNA-1	NA	NA		Os08g0480800	OsR498G0816321900.01.T01	General regulatory factor 2, OMEGA
maker-8-augustus-gene-250.35-mRNA-1	NA	NA		Os03g0193900	OsR498G0101213400.01.T05	SERPIN domain-containing protein
maker-8-augustus-gene-250.44-mRNA-1	NA	NA		Os08g0480200	OsR498G0816320000.01.T02	2-oxoglutarate-dependent dioxygenase 19
maker-8-augustus-gene-250.46-mRNA-1	NA	Indica		Os09g0471000	OsR498G0816320800.01.T01	Cysteine dioxygenase
maker-8-augustus-gene-250.49-mRNA-1	NA	Japonica		Os08g0480500	OsR498G0816321400.01.T04	Mediator of RNA polymerase II transcription subunit 22b like
maker-8-augustus-gene-250.52-mRNA-1	NA	NA		Os08g0481000	OsR498G0816322600.01.T01	Pentatricopeptide repeat-containing protein mitochondrial
maker-8-augustus-gene-251.0-mRNA-1	NA	Indica		Os02g0572400	OsR498G0816327100.01.T02	GTP cyclohydrolase II
maker-8-augustus-gene-251.10-mRNA-1	NA	NA		Os08g0481200	OsR498G0816324600.01.T01	RING-type E3 ubiquitin transferase
maker-8-augustus-gene-251.12-mRNA-1	NA	NA		Os08g0481400	OsR498G0816325400.01.T01	Class I homeodomain-leucine zipper protein 4
maker-8-augustus-gene-251.14-mRNA-1	NA	NA		0	OsR498G0816326400.01.T01	Plastidic general dicarboxylate transporter
maker-8-augustus-gene-251.17-mRNA-1	NA	NA		Os08g0482600	OsR498G0816328200.01.T01	Phytoecyanin domain-containing protein
maker-8-augustus-gene-251.19-mRNA-1	NA	NA		Os08g0482700	OsR498G0816328800.01.T01	Phytoecyanin domain-containing protein (Fragment)
maker-8-augustus-gene-251.21-mRNA-1	NA	NA		Os08g0483100	OsR498G0816331200.01.T01	RNA-binding (RRM/RBD/RNP motifs) family protein
maker-8-augustus-gene-251.23-mRNA-1	NA	NA		Os08g0483200	OsR498G0816331600.01.T03	33 kDa ribonucleoprotein, chloroplastic
maker-8-augustus-gene-251.3-mRNA-1	NA	NA		Os08g0482100	OsR498G0816327300.01.T06	LETM1 domain-containing protein
maker-8-augustus-gene-252.0-mRNA-1	NA	NA		0	OsR498G0816334900.01.T06	Mannan endo-1,4-beta-mannosidase
maker-8-augustus-gene-252.11-mRNA-1	NA	Japonica		Os08g0484800	OsR498G0816337900.01.T01	Delta-adaptin
maker-8-augustus-gene-252.14-mRNA-1	NA	NA				Phytoecyanin domain-containing protein
maker-8-augustus-gene-252.16-mRNA-1	NA	NA		Os08g0483900	OsR498G0816333400.01.T02	Basic helix-loop-helix transcription factor
maker-8-augustus-gene-252.18-mRNA-1	NA	NA				S-adenosyl-L-methionine-dependent methyltransferase superfamily protein
maker-8-augustus-gene-252.25-mRNA-1	NA	NA		Os08g0484500	OsR498G0816336600.01.T01	Phospho-2-dehydro-3-deoxyheptonate aldolase
maker-8-augustus-gene-252.4-mRNA-1	NA		Kinase-TM	Os08g0484600	OsR498G0816337100.01.T01	Serine/threonine protein kinase OSK4
maker-8-augustus-gene-253.0-mRNA-1	NA	Indica		Os08g0485400	OsR498G0816340500.01.T03	NMO domain-containing protein
maker-8-augustus-gene-253.10-mRNA-1	NA	Indica		Os08g0485700	OsR498G0816342700.01.T04	Methyl-CpG-binding domain-containing protein 8
maker-8-augustus-gene-253.14-mRNA-1	NA	NA		0	OsR498G0816344300.01.T02	HMA domain-containing protein
maker-8-augustus-gene-253.31-mRNA-1	NA	NA		Os08g0485900	OsR498G0816343400.01.T02	Haloacid dehalogenase/epoxide hydrolase
maker-8-augustus-gene-253.36-mRNA-1	NA	NA		Os08g0486200	OsR498G0816344600.01.T06	Serine/arginine-rich splicing factor like
maker-8-augustus-gene-253.38-mRNA-1	NA	NA		Os08g0486300	OsR498G0816345400.01.T01	Transcription factor like
maker-8-augustus-gene-253.4-mRNA-1	NA	Indica		Os08g0485500	OsR498G0816341300.01.T01	EPIDERMAL PATTERNING FACTOR-like protein 3
maker-8-augustus-gene-253.6-mRNA-1	NA	NA		Os08g0485600	OsR498G0816342100.01.T01	Methyl-CpG-binding domain-containing protein 8
maker-8-augustus-gene-254.0-mRNA-1	NA	NA		Os08g0487700	OsR498G0816351900.01.T01	BHLH transcription factor
maker-8-augustus-gene-254.10-mRNA-1	NA	NA		Os08g0487900	OsR498G0816352400.01.T01	Alpha/beta hydrolase domain-containing protein 17B
maker-8-augustus-gene-254.2-mRNA-1	NA	NA		Os08g0488700	OsR498G0816353700.01.T01	RRM domain-containing protein
maker-8-augustus-gene-254.5-mRNA-1	NA	NA		Os08g0487800	OsR498G0816352200.01.T02	Heat shock protein HSP 90-alpha
maker-8-augustus-gene-255.31-mRNA-1	NA	NA		Os08g0489300	OsR498G0816355900.01.T01	DNA-3-methyladenine glycosylase-like
maker-8-augustus-gene-255.35-mRNA-1	NA	NA		Os09g0291000		Ptta/En/Spm family plant transposase
maker-8-augustus-gene-255.37-mRNA-1	NA	NA		Os08g0490000	OsR498G0816359300.01.T01	Transcription factor BIM3
maker-8-augustus-gene-256.50-mRNA-1	NA	NA		0	OsR498G0816363100.01.T05	

maker-8-augustus-gene-256.55-mRNA-1	NA	Japonica	Kinase-TM	Os08g0491200	OsR498G0917686300.01.T03	Serine/threonine-protein kinase D6PKL1
maker-8-augustus-gene-256.57-mRNA-1	NA	NA		0	OsR498G0816364700.01.T02	C3H1-type domain-containing protein
maker-8-augustus-gene-256.60-mRNA-1	NA	NA		Os08g0492000	OsR498G0816366500.01.T02	Oligopeptide transporter
maker-8-augustus-gene-256.62-mRNA-1	NA	NA				C2 calcium-dependent membrane targeting
maker-8-augustus-gene-256.66-mRNA-1	NA	NA		Os08g0493100	OsR498G0816370100.01.T01	F-box domain-containing protein (Fragment)
maker-8-augustus-gene-256.68-mRNA-1	NA	NA		0	OsR498G0816365000.01.T01	RRM domain-containing protein
maker-8-augustus-gene-256.70-mRNA-1	NA	NA				Heterogeneous nuclear ribonucleoprotein 1
maker-8-augustus-gene-256.76-mRNA-1	NA	NA		Os11g0504000		
maker-8-augustus-gene-257.41-mRNA-1	NA	NA		Os08g0493900	OsR498G0816372500.01.T01	Elongator complex protein 2
maker-8-augustus-gene-257.43-mRNA-1	NA	NA		0	OsR498G0816374300.01.T04	Leucine-rich receptor-like protein kinase-like
maker-8-augustus-gene-257.55-mRNA-1	NA	Indica		Os08g0494400	OsR498G0816378300.01.T01	
maker-8-augustus-gene-257.61-mRNA-1	NA	NA				BTB domain-containing protein (Fragment)
maker-8-augustus-gene-257.64-mRNA-1	NA	NA				Agamous-like MADS-box protein AGL104
maker-8-augustus-gene-257.66-mRNA-1	NA	NA		Os08g0494300	OsR498G0816373600.01.T02	E3 ubiquitin-protein ligase mind-bomb
maker-8-augustus-gene-258.13-mRNA-1	NA	NA		0	OsR498G0917547600.01.T01	rRNA N-glycosidase
maker-8-augustus-gene-258.15-mRNA-1	NA	NA		Os08g0496800	OsR498G0816385500.01.T02	BURP domain-containing protein 13
maker-8-augustus-gene-258.23-mRNA-1	NA	NA		Os08g0496900	OsR498G0816386000.01.T01	Transmembrane 9 superfamily member
maker-8-augustus-gene-259.41-mRNA-1	NA	NA		Os08g0497600	OsR498G0816389500.01.T01	Putative WD repeat-containing protein C2A9.03 isoform B
maker-8-augustus-gene-259.46-mRNA-1	NA	NA		Os08g0499100	OsR498G0816394900.01.T01	AAA domain-containing protein (Fragment)
maker-8-augustus-gene-259.48-mRNA-1	NA	NA		Os08g0499200	OsR498G0816395300.01.T04	Chloride channel protein CLC-f
maker-8-augustus-gene-259.59-mRNA-1	NA	NA		Os08g0497900	OsR498G0816389800.01.T01	WPP domain-interacting protein 2
maker-8-augustus-gene-259.61-mRNA-1	NA	NA		Os08g0498100	OsR498G0816390800.01.T01	Tricin synthase 1
maker-8-augustus-gene-259.63-mRNA-1	NA	NA		Os08g0498400	OsR498G0816391800.01.T03	Caffeoyl-CoA 3-O-methyltransferase 3
maker-8-augustus-gene-259.66-mRNA-1	NA	NA		Os08g0498600	OsR498G0816392000.01.T01	Caffeoyl-CoA O-methyltransferase 1
maker-8-augustus-gene-259.68-mRNA-1	NA	NA		Os08g0499300	OsR498G0816395800.01.T07	WRKY transcription factor
maker-8-augustus-gene-26.1-mRNA-1	NA	NA		Os08g0144400	OsR498G0815163200.01.T07	
maker-8-augustus-gene-260.0-mRNA-1	NA	Indica	LRR-TM	Os08g0499900	OsR498G0816398100.01.T01	F-box protein At-B
maker-8-augustus-gene-260.16-mRNA-1	NA	NA		Os08g0500900	OsR498G0816402500.01.T04	5'-phosphoribosylglycinamide transformylase
maker-8-augustus-gene-260.19-mRNA-1	NA	Japonica		Os08g0500000	OsR498G0816398400.01.T02	COP9 signalosome complex subunit 6
maker-8-augustus-gene-260.2-mRNA-1	NA	NA		Os08g0500100	OsR498G0816398500.01.T04	Peroxin-5
maker-8-augustus-gene-260.23-mRNA-1	NA	NA		Os08g0500200	OsR498G0816399000.01.T01	Pre-mRNA-splicing factor like
maker-8-augustus-gene-260.26-mRNA-1	NA	NA		Os08g0500300	OsR498G0816399200.01.T02	PPM-type phosphatase domain-containing protein (Fragment)
maker-8-augustus-gene-260.29-mRNA-1	NA	NA		Os08g0500700	OsR498G0816402000.01.T01	Heat shock protein 90
maker-8-augustus-gene-261.13-mRNA-1	NA	NA		Os08g0502000	OsR498G0816407600.01.T02	Protein ENHANCED DOWNY MILDEW 2
maker-8-augustus-gene-261.19-mRNA-1	NA	NA		Os08g0502700	OsR498G0816409800.01.T02	Alanine--glyoxylate aminotransferase
maker-8-augustus-gene-261.22-mRNA-1	NA	NA		0	OsR498G0816414000.01.T02	
maker-8-augustus-gene-261.3-mRNA-1	NA	Indica	Kinase-TM	Os08g0501700	OsR498G0816405900.01.T01	Wall-associated kinase-like
maker-8-augustus-gene-261.6-mRNA-1	NA	NA		Os08g0502800	OsR498G0816410700.01.T01	Upstream activation factor subunit spp27 like
maker-8-augustus-gene-261.9-mRNA-1	NA	NA		Os08g0503200	OsR498G0816414100.01.T01	Glycerophosphodiester phosphodiesterase
maker-8-augustus-gene-262.0-mRNA-1	NA	NA		Os08g0503700	OsR498G0816415100.01.T01	Tonoplast dicarboxylate transporter
maker-8-augustus-gene-262.2-mRNA-1	NA	NA		Os08g0503800	OsR498G0816415500.01.T04	Beta-2-xylosyltransferase
maker-8-augustus-gene-266.41-mRNA-1	NA	NA		Os08g0510300	OsR498G0816445100.01.T01	Potassium transporter
maker-8-augustus-gene-266.50-mRNA-1	NA	Japonica		Os08g0510400	OsR498G0816445400.01.T03	3-oxoacyl-[acyl-carrier-protein] reductase FabG
maker-8-augustus-gene-267.38-mRNA-1	NA	Indica		Os08g0512400	OsR498G0816451600.01.T03	AT-hook motif nuclear-localized protein (Fragment)
maker-8-augustus-gene-268.40-mRNA-1	NA	NA		Os08g0514300		
maker-8-augustus-gene-268.45-mRNA-1	NA	NA		Os08g0514800		Ptta/En/Spm family plant transposase
maker-8-augustus-gene-269.37-mRNA-1	NA	NA				BTB domain-containing protein
maker-8-augustus-gene-27.0-mRNA-1	NA	Indica		Os08g0144400	OsR498G0815168200.01.T04	Sm protein E
maker-8-augustus-gene-27.7-mRNA-1	NA	NA		0	OsR498G0815171800.01.T01	
maker-8-augustus-gene-271.28-mRNA-1	NA	NA		Os08g0519600	OsR498G0816476700.01.T02	Ribosomal protein L34Ae
maker-8-augustus-gene-271.38-mRNA-1	NA	NA		Os08g0519400	OsR498G0816475800.01.T07	Myosin heavy chain-related
maker-8-augustus-gene-271.43-mRNA-1	NA	NA		Os08g0519900		Exocyst subunit Exo70 family protein (Fragment)
maker-8-augustus-gene-271.49-mRNA-1	NA	NA		Os08g0520500	OsR498G0816479800.01.T03	Auxin response factor
maker-8-augustus-gene-275.28-mRNA-1	NA	NA				Ferredoxin-plastoquinone reductase, PGR5-like protein 1, chloroplastic
maker-8-augustus-gene-275.35-mRNA-1	NA	NA				UBA domain-containing protein (Fragment)
maker-8-augustus-gene-275.39-mRNA-1	NA	NA		0	OsR498G0816499400.01.T01	E3 ubiquitin ligase RNF4
maker-8-augustus-gene-275.44-mRNA-1	NA	NA		Os08g0527100	OsR498G0816502800.01.T01	Ubiquitinyl hydrolase 1
maker-8-augustus-gene-275.46-mRNA-1	NA	NA		0	OsR498G0816503000.01.T01	Ubiquitinyl hydrolase 1
maker-8-augustus-gene-275.48-mRNA-1	NA	Indica		Os08g0527400	OsR498G0816503600.01.T01	Ubiquitinyl hydrolase 1
maker-8-augustus-gene-276.11-mRNA-1	NA	Japonica		Os08g0527900	OsR498G0816500700.01.T02	Ubiquitinyl hydrolase 1
maker-8-augustus-gene-276.12-mRNA-1	NA	Japonica		Os08g0528000	OsR498G0816506000.01.T01	Ubiquitinyl hydrolase 1

maker-8-augustus-gene-276.19-mRNA-1	NA	NA		Os08g0528100		Ubiquitinyl hydrolase 1
maker-8-augustus-gene-276.2-mRNA-1	NA	NA		Os08g0529100	OsR498G0816510300.01.T01	Proteasome endopeptidase complex
maker-8-augustus-gene-276.34-mRNA-1	NA	Japonica		Os08g0529200	OsR498G0816510600.01.T01	CBS domain-containing protein CBSX6
maker-8-augustus-gene-276.7-mRNA-1	NA	NA				Ubiquitinyl hydrolase 1
maker-8-augustus-gene-277.31-mRNA-1	NA	NA		Os08g0530000	OsR498G0816513700.01.T01	Uridine kinase
maker-8-augustus-gene-277.37-mRNA-1	NA	Indica		Os07g0294800	OsR498G0816513900.01.T01	Regulatory protein-like
maker-8-augustus-gene-277.45-mRNA-1	NA	Indica		Os08g0531000	OsR498G0816517100.01.T01	Purple acid phosphatase
maker-8-augustus-gene-277.46-mRNA-1	NA	NA		Os08g0531000	OsR498G0816517100.01.T02	Purple acid phosphatase
maker-8-augustus-gene-277.67-mRNA-1	NA	NA		Os08g0530500	OsR498G0816516200.01.T01	COMM domain-containing protein 9
maker-8-augustus-gene-279.36-mRNA-1	NA	NA		Os08g0533700	OsR498G0816524900.01.T03	Vesicle transport protein, Use
maker-8-augustus-gene-279.45-mRNA-1	NA	NA		Os08g0534900	OsR498G0816525300.01.T04	TOG domain-containing protein (Fragment)
maker-8-augustus-gene-280.103-mRNA-1	NA	NA		Os08g0535100	OsR498G0816528200.01.T01	
maker-8-augustus-gene-280.33-mRNA-1	NA	NA				Membrane fusion protein Use1
maker-8-augustus-gene-280.34-mRNA-1	NA	Indica		Os02g0305801	OsR498G0816525900.01.T01	EKC/KEOPS complex, subunit Pcc1
maker-8-augustus-gene-280.35-mRNA-1	NA	NA		Os08g0534900	OsR498G0816525300.01.T04	TOG domain-containing protein (Fragment)
maker-8-augustus-gene-280.36-mRNA-1	NA	NA				Membrane fusion protein Use1
maker-8-augustus-gene-280.37-mRNA-1	NA	Indica		Os02g0305801	OsR498G0816525900.01.T01	EKC/KEOPS complex, subunit Pcc1
maker-8-augustus-gene-283.24-mRNA-1	NA	NA		Os10g0356500		Photosystem II CP47 reaction center protein (Fragment)
maker-8-augustus-gene-29.0-mRNA-1	NA	NA	Kinase-LRR-TM	0	OsR498G0815185900.01.T01	Leucine-rich repeat receptor-like protein kinase TDR
maker-8-augustus-gene-29.2-mRNA-1	NA	NA		0	OsR498G0815186100.01.T02	NAC domain-containing protein
maker-8-augustus-gene-29.4-mRNA-1	NA	Indica		Os08g0148233	OsR498G0815184400.01.T01	Organic cation/carnitine transporter 4
maker-8-augustus-gene-29.5-mRNA-1	NA	NA		Os08g0148233		Rhizopine catabolism protein Moca
maker-8-augustus-gene-294.51-mRNA-1	NA	NA		Os08g0559300	OsR498G0816606900.01.T01	Probable UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase
maker-8-augustus-gene-294.65-mRNA-1	NA	NA		Os08g0559900	OsR498G0816608500.01.T02	Nucleotidyltransferase family protein
maker-8-augustus-gene-294.69-mRNA-1	NA	NA		Os08g0560000	OsR498G0816609100.01.T01	Fe2OG dioxygenase domain-containing protein (Fragment)
maker-8-augustus-gene-294.74-mRNA-1	NA	NA		Os03g0832200	OsR498G0307318800.01.T01	Calreticulin
maker-8-augustus-gene-294.91-mRNA-1	NA	NA		Os08g0560300	OsR498G0816611600.01.T01	PLATZ transcription factor family protein isoform 1
maker-8-augustus-gene-297.42-mRNA-1	NA	NA		Os08g0567200	OsR498G0816635000.01.T03	RRM domain-containing protein (Fragment)
maker-8-augustus-gene-3.42-mRNA-1	NA	NA		Os08g0104900	OsR498G0815037400.01.T01	TPT domain-containing protein
maker-8-augustus-gene-3.44-mRNA-1	NA	NA		Os08g0105000	OsR498G0815037800.01.T01	PHD finger protein EHD3
maker-8-augustus-gene-30.44-mRNA-1	NA	Indica		Os08g0149000	OsR498G0815188200.01.T01	Glycosyltransferase
maker-8-augustus-gene-30.46-mRNA-1	NA	Indica		Os08g0144400	OsR498G0815188200.01.T03	S1 motif domain-containing protein
maker-8-augustus-gene-30.48-mRNA-1	NA	Indica		Os08g0149000	OsR498G0815188200.01.T02	RING-H2 finger protein ATL2A
maker-8-augustus-gene-30.59-mRNA-1	NA	NA				Endoribonuclease Dicer 3a
maker-8-augustus-gene-31.27-mRNA-1	NA	NA	CC-NBS-TM	0	OsR498G0815193900.01.T01	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase
maker-8-augustus-gene-31.44-mRNA-1	NA	NA		Os08g0151400	OsR498G0815199900.01.T01	Small nuclear ribonucleoprotein E
maker-8-augustus-gene-31.49-mRNA-1	NA	NA		Os08g0151600	OsR498G0815200500.01.T01	C-terminal binding protein an-like
maker-8-augustus-gene-31.51-mRNA-1	NA	NA		Os08g0151700	OsR498G0815200500.01.T03	RING/U-box superfamily protein
maker-8-augustus-gene-31.54-mRNA-1	NA	Indica		Os08g0151800	OsR498G0815200700.01.T03	Monodehydroascorbate reductase 5 mitochondrial
maker-8-augustus-gene-31.65-mRNA-1	NA	NA		Os08g0151300	OsR498G0815199200.01.T01	Transcription factor MYB26
maker-8-augustus-gene-32.34-mRNA-1	NA	NA		0	OsR498G0815201500.01.T01	Aquaporin NIP-3
maker-8-augustus-gene-33.51-mRNA-1	NA	NA		Os08g0154900	OsR498G0815211900.01.T02	Oxysterol-binding protein-related protein 2A
maker-8-augustus-gene-33.57-mRNA-1	NA	NA		Os08g0155100	OsR498G0815212500.01.T01	MSP domain
maker-8-augustus-gene-33.69-mRNA-1	NA	Indica		Os08g0155000	OsR498G0815212200.01.T01	U3 small nucleolar ribonucleoprotein protein IMP4
maker-8-augustus-gene-34.30-mRNA-1	NA	Indica		Os08g0155400	OsR498G0815213400.01.T01	Solute carrier family 15 (Peptide/histidine transporter), member 3/4
maker-8-augustus-gene-34.33-mRNA-1	NA	Indica		Os05g0151000	OsR498G0815217400.01.T03	DNA-directed RNA polymerase subunit
maker-8-augustus-gene-34.34-mRNA-1	NA	Indica		Os05g0151000	OsR498G0815219000.01.T02	DNA-directed RNA polymerase subunit
maker-8-augustus-gene-35.24-mRNA-1	NA	NA		Os08g0156600	OsR498G0815224500.01.T01	Glycerol-3-phosphate transporter 1
maker-8-augustus-gene-35.26-mRNA-1	NA	NA		Os08g0156800	OsR498G0815224900.01.T01	Ribosomal protein L34
maker-8-augustus-gene-35.28-mRNA-1	NA	NA	Kinase-TM	Os08g0157000	OsR498G0815225900.01.T01	Mitogen-activated protein kinase
maker-8-augustus-gene-35.30-mRNA-1	NA	NA		Os08g0156700	OsR498G0815224800.01.T01	MSP domain-containing protein (Fragment)
maker-8-augustus-gene-35.35-mRNA-1	NA	NA		Os08g0156900	OsR498G0815225400.01.T01	Meiotic recombination protein like
maker-8-augustus-gene-35.39-mRNA-1	NA	NA				RNA polymerase II-associated factor 1 (Fragment)
maker-8-augustus-gene-36.39-mRNA-1	NA	NA		Os08g0158500	OsR498G0815235900.01.T03	PHB domain-containing protein (Fragment)
maker-8-augustus-gene-36.46-mRNA-1	NA	Indica		Os08g0158600	OsR498G0815236300.01.T01	
maker-8-augustus-gene-36.51-mRNA-1	NA	NA		Os08g0157800	OsR498G0815232800.01.T01	
maker-8-augustus-gene-36.55-mRNA-1	NA	NA		Os08g0157900	OsR498G0815233600.01.T02	NAC domain-containing protein 78
maker-8-augustus-gene-36.58-mRNA-1	NA	NA		Os08g0158900	OsR498G0815236600.01.T02	Nucleolar GTP-binding protein 1
maker-8-augustus-gene-38.10-mRNA-1	NA	Indica		Os05g0243300	OsR498G0815249300.01.T01	Ribosomal protein L13
maker-8-augustus-gene-39.17-mRNA-1	NA	NA		Os03g0577200	OsR498G0306434900.01.T06	MOB kinase activator-like 1
maker-8-augustus-gene-39.23-mRNA-1	NA	NA		Os08g0163500	OsR498G0815257100.01.T01	Nuclear factor 1 A-type isoform 2

maker-8-augustus-gene-39.25-mRNA-1	NA	NA		Os08g0162800	OsR498G0815254000.01.T01	ACB domain-containing protein (Fragment)
maker-8-augustus-gene-39.28-mRNA-1	NA	NA		Os08g0163100	OsR498G0306434400.01.T02	Nuf2 family protein, expressed
maker-8-augustus-gene-41.11-mRNA-1	NA	NA		Os08g0167400	OsR498G0815269800.01.T01	Pentatricopeptide (PPR) repeat-containing protein-like
maker-8-augustus-gene-41.4-mRNA-1	NA	NA		Os08g0167500	OsR498G0815270100.01.T02	Chlororespiratory reduction 6
maker-8-augustus-gene-42.33-mRNA-1	NA	NA		Os08g0168700	OsR498G0815272900.01.T02	Glycosyltransferase
maker-8-augustus-gene-42.42-mRNA-1	NA	NA		0	OsR498G0815276700.01.T02	Elongin-A
maker-8-augustus-gene-42.52-mRNA-1	NA	NA		0	OsR498G0815277000.01.T01	Thyroid adenoma-associated
maker-8-augustus-gene-42.55-mRNA-1	NA	Indica	CC-LRR-NBS-TM	Os08g0170700	OsR498G0815277600.01.T01	NAC domain-containing protein
maker-8-augustus-gene-43.0-mRNA-1	NA	NA	NBS-TM	Os08g0170200	OsR498G0815279900.01.T01	Disease resistance protein RPP13
maker-8-augustus-gene-43.13-mRNA-1	NA	Indica	CC-NBS-TM	Os05g0240200	OsR498G0815285000.01.T01	AAA domain-containing protein
maker-8-augustus-gene-43.17-mRNA-1	NA	NA		Os08g0170900	OsR498G0815285200.01.T01	
maker-8-augustus-gene-43.19-mRNA-1	NA	Indica		Os08g0171100	OsR498G0815286000.01.T03	AP2-like ethylene-responsive transcription factor AIL1
maker-8-augustus-gene-43.20-mRNA-1	NA	NA		0	OsR498G0815286000.01.T01	AP2-like ethylene-responsive transcription factor AIL1
maker-8-augustus-gene-43.3-mRNA-1	NA	NA		Os08g0171000	OsR498G0815285700.01.T01	Transmembrane protein
maker-8-augustus-gene-44.0-mRNA-1	NA	NA		0	OsR498G0815289900.01.T01	
maker-8-augustus-gene-44.11-mRNA-1	NA	Indica		Os04g0641000	OsR498G0815288000.01.T01	DNA-directed RNA polymerase subunit beta
maker-8-augustus-gene-44.2-mRNA-1	NA	Indica		Os08g0172200	OsR498G0815291700.01.T04	UvrB/uvrC motif-containing protein
maker-8-augustus-gene-44.7-mRNA-1	NA	NA		0	OsR498G0815292100.01.T02	TF-type domain-containing protein (Fragment)
maker-8-augustus-gene-46.39-mRNA-1	NA	Japonica	Kinase-TM	Os08g0176200	OsR498G0815299300.01.T01	LRR receptor kinase SERK2
maker-8-augustus-gene-46.41-mRNA-1	NA	NA	NBS	Os08g0176633		Disease resistance RPP13-like protein 4
maker-8-augustus-gene-50.35-mRNA-1	NA	NA		0	OsR498G0815325400.01.T01	
maker-8-augustus-gene-51.36-mRNA-1	NA	Indica		Os08g0183900	OsR498G0815328600.01.T03	Dihydroflavonol-4-reductase
maker-8-augustus-gene-52.0-mRNA-1	NA	Indica		Os04g0627000	OsR498G0815332900.01.T01	Homeobox-leucine zipper protein MERISTEM L1
maker-8-augustus-gene-52.10-mRNA-1	NA	NA		Os08g0188900	OsR498G0815336300.01.T01	Germin-like protein 8-2
maker-8-augustus-gene-52.12-mRNA-1	NA	NA		Os08g0189100	OsR498G0815336500.01.T01	Germin-like protein 8-2
maker-8-augustus-gene-52.14-mRNA-1	NA	NA		Os08g0187700	OsR498G0815333200.01.T01	Polyadenylation and cleavage factor homolog 5
maker-8-augustus-gene-52.17-mRNA-1	NA	NA		Os08g0188000	OsR498G0815334200.01.T01	CRS2-associated factor 2 mitochondrial
maker-8-augustus-gene-52.4-mRNA-1	NA	NA		Os08g0187800	OsR498G0815333700.01.T03	Glucose-6-phosphate/phosphate translocator
maker-8-augustus-gene-52.6-mRNA-1	NA	NA		0	OsR498G0815334900.01.T04	
maker-8-augustus-gene-53.35-mRNA-1	NA	NA		Os08g0189200	OsR498G0815337700.01.T01	Germin-like protein 8-3
maker-8-augustus-gene-53.37-mRNA-1	NA	NA		Os08g0189400	OsR498G0815338500.01.T01	Germin-like protein 8-5
maker-8-augustus-gene-53.39-mRNA-1	NA	NA		Os08g0189500	OsR498G0815338900.01.T01	Germin-like protein 8-6
maker-8-augustus-gene-53.41-mRNA-1	NA	NA		Os08g0189600	OsR498G0815339300.01.T01	Germin-like protein 8-7
maker-8-augustus-gene-53.43-mRNA-1	NA	NA		Os08g0189700	OsR498G0815340100.01.T01	Germin-like protein 8-8
maker-8-augustus-gene-53.45-mRNA-1	NA	NA		Os08g0189850	OsR498G0815340500.01.T01	Germin-like protein 8-9
maker-8-augustus-gene-53.47-mRNA-1	NA	NA		Os08g0189900	OsR498G0815341300.01.T01	Germin-like protein 8-8
maker-8-augustus-gene-53.51-mRNA-1	NA	Indica		Os04g0625800	OsR498G0815342400.01.T04	RNA-binding post-transcriptional regulator csx1
maker-8-augustus-gene-53.54-mRNA-1	NA	Japonica	CC-LRR-NBS-TM	Os08g0190300	OsR498G0815343400.01.T01	
maker-8-augustus-gene-53.56-mRNA-1	NA	Indica		Os08g0190800	OsR498G0815344800.01.T02	Cysteine-rich PDZ-binding protein (Fragment)
maker-8-augustus-gene-54.0-mRNA-1	NA	NA		Os08g0191200	OsR498G0815345500.01.T01	Glycinamide ribonucleotide synthetase
maker-8-augustus-gene-54.13-mRNA-1	NA	NA		Os08g0192200	OsR498G0815348700.01.T05	
maker-8-augustus-gene-54.16-mRNA-1	NA	Indica		Os03g0136900	OsR498G0815345200.01.T01	Aconitate hydratase, cytoplasmic
maker-8-augustus-gene-54.2-mRNA-1	NA	Indica		Os04g0624600	OsR498G0815345700.01.T01	Starch synthase IIIa
maker-8-augustus-gene-54.22-mRNA-1	NA	NA		Os08g0191700	OsR498G0815347200.01.T01	Glyoxalase I
maker-8-augustus-gene-54.27-mRNA-1	NA	NA		Os08g0191800	OsR498G0815347600.01.T01	Tyrosyl-tRNA synthetase
maker-8-augustus-gene-54.31-mRNA-1	NA	Indica		Os08g0192400	OsR498G0815349000.01.T01	SWR1 complex subunit 2
maker-8-augustus-gene-55.0-mRNA-1	NA	NA		Os08g0192800	OsR498G0815350700.01.T01	Transcription factor GTE7
maker-8-augustus-gene-55.14-mRNA-1	NA	NA		Os08g0192900	OsR498G0815351000.01.T01	Nucleolin
maker-8-augustus-gene-55.20-mRNA-1	NA	Japonica		Os08g0193200	OsR498G0815353200.01.T01	Putative F-box/LRR-repeat protein 23
maker-8-augustus-gene-55.3-mRNA-1	NA	NA		0	OsR498G0815352500.01.T03	Solanesyl-diphosphate synthase 1, mitochondrial-like isoform X2
maker-8-augustus-gene-57.49-mRNA-1	NA	NA		Os08g0197000	OsR498G0815365300.01.T01	F-box domain-containing protein
maker-8-augustus-gene-57.52-mRNA-1	NA	Indica		Os08g0197050	OsR498G0815365500.01.T01	F-box domain-containing protein
maker-8-augustus-gene-57.59-mRNA-1	NA	NA		Os08g0197200	OsR498G0815366100.01.T01	FBD domain-containing protein
maker-8-augustus-gene-57.63-mRNA-1	NA	NA		Os08g0197500	OsR498G0815367100.01.T01	Cytochrome c oxidase subunit 5B mitochondrial
maker-8-augustus-gene-57.71-mRNA-1	NA	NA		Os08g0197800		F-box domain-containing protein
maker-8-augustus-gene-57.75-mRNA-1	NA	NA		Os08g0198000		Zinc finger BED domain-containing protein DAYSLEEPER
maker-8-augustus-gene-59.0-mRNA-1	NA	NA	Kinase	Os08g0200500	OsR498G0815381500.01.T04	Serine/threonine-protein kinase receptor
maker-8-augustus-gene-60.8-mRNA-1	NA	Indica	CC-Kinase-LRR-TM	Os08g0201700	OsR498G0815385700.01.T13	Non-specific serine/threonine protein kinase
maker-8-augustus-gene-67.32-mRNA-1	NA	NA		0	OsR498G0815426900.01.T05	
maker-8-augustus-gene-67.33-mRNA-1	NA	NA		Os08g0216900	OsR498G0815426000.01.T02	
maker-8-augustus-gene-68.30-mRNA-1	NA	NA		Os01g0500400	OsR498G0101057900.01.T01	

maker-8-augustus-gene-68.32-mRNA-1	NA	NA		Os08g0216000		Heat shock cognate 70 kDa protein 1
maker-8-augustus-gene-69.0-mRNA-1	NA	NA	Kinase	Os08g0200500	OsR498G0815381500.01.T04	Serine/threonine-protein kinase receptor
maker-8-augustus-gene-69.5-mRNA-1	NA	NA		Os08g0200600	OsR498G0815382000.01.T02	NAC transcription factor
maker-8-augustus-gene-70.36-mRNA-1	NA	NA		Os01g0500400	OsR498G0101057900.01.T01	
maker-8-augustus-gene-71.32-mRNA-1	NA	NA				ARM repeat superfamily protein
maker-8-augustus-gene-71.36-mRNA-1	NA	NA		Os08g0216000		Heat shock cognate 70 kDa protein 1
maker-8-augustus-gene-72.32-mRNA-1	NA	NA		0	OsR498G0815426900.01.T05	
maker-8-augustus-gene-73.1-mRNA-1	NA	NA		Os08g0239300	OsR498G0815510700.01.T01	DLH domain-containing protein
maker-8-augustus-gene-79.30-mRNA-1	NA	NA		Os08g0223900	OsR498G0815461300.01.T05	Terpene cyclase/mutase family member
maker-8-augustus-gene-79.35-mRNA-1	NA	NA	Kinase-TM	Os08g0224100	OsR498G0815462500.01.T01	serine/threonine-protein kinase STY13
maker-8-augustus-gene-79.51-mRNA-1	NA	NA		Os08g0224200	OsR498G0815462800.01.T01	YTH domain-containing family protein 1
maker-8-augustus-gene-8.12-mRNA-1	NA	NA		Os08g0114200	OsR498G0815068300.01.T01	Endoglucanase
maker-8-augustus-gene-8.19-mRNA-1	NA	NA		0	OsR498G0815065400.01.T04	Major facilitator superfamily domain-containing protein 5
maker-8-augustus-gene-8.26-mRNA-1	NA	Japonica		Os08g0114300	OsR498G0815068800.01.T01	L-gulonolactone oxidase
maker-8-augustus-gene-8.28-mRNA-1	NA	NA		Os08g0115200	OsR498G0815070600.01.T01	IQ-domain 17
maker-8-augustus-gene-8.9-mRNA-1	NA	NA		Os08g0114100	OsR498G0815066500.01.T02	Beta-carotene isomerase D27, chloroplastic
maker-8-augustus-gene-85.0-mRNA-1	NA	NA				Ribosomal protein L7
maker-8-augustus-gene-85.12-mRNA-1	NA	NA		0	OsR498G0815497600.01.T01	AT hook motif-containing protein, putative, expressed
maker-8-augustus-gene-86.3-mRNA-1	NA	NA		Os08g0237000	OsR498G0815506900.01.T01	Xyloglucan endotransglucosylase/hydrolase
maker-8-augustus-gene-87.11-mRNA-1	NA	NA				Complex 1 family protein, putative, expressed
maker-8-augustus-gene-87.23-mRNA-1	NA	NA		0	OsR498G0407881700.01.T01	Transposon protein, putative, Mutator sub-class, expressed
maker-8-augustus-gene-87.6-mRNA-1	NA	NA		Os11g0275000	OsR498G0815509300.01.T01	Endo-1,31,4-beta-D-glucanase, putative, expressed
maker-8-augustus-gene-88.38-mRNA-1	NA	Indica		Os08g0239100	OsR498G0815510300.01.T01	Endo-1,31,4-beta-D-glucanase, putative, expressed
maker-8-augustus-gene-88.44-mRNA-1	NA	NA		Os08g0239300	OsR498G0815510700.01.T01	DLH domain-containing protein
maker-8-augustus-gene-88.61-mRNA-1	NA	Japonica		Os08g0240000	OsR498G0815510900.01.T01	Sulfotransferase
maker-8-augustus-gene-89.7-mRNA-1	NA	Japonica		Os08g0241300	OsR498G0409229200.01.T06	
maker-8-augustus-gene-9.15-mRNA-1	NA	NA		Os08g0116500	OsR498G0815077300.01.T03	Ribosomal protein P1
maker-8-augustus-gene-9.18-mRNA-1	NA	Indica		Os08g0116400	OsR498G0815076800.01.T01	polyadenylate-binding protein-interacting protein 11 isoform X1
maker-8-augustus-gene-91.0-mRNA-1	NA	NA		Os08g0243500	OsR498G0815523900.01.T01	NADPH--cytochrome P450 reductase
maker-8-augustus-gene-91.13-mRNA-1	NA	NA		Os08g0243600	OsR498G0815524400.01.T01	(DL)-glycerol-3-phosphatase 2
maker-8-augustus-gene-92.7-mRNA-1	NA	Indica		Os08g0245800	OsR498G0815527800.01.T03	NB-ARC domain-containing protein
maker-8-augustus-gene-92.8-mRNA-1	NA	NA	CC-NBS	0	OsR498G0815527800.01.T03	Disease resistance protein RPP13
maker-8-augustus-gene-94.29-mRNA-1	NA	NA		0	OsR498G0815541700.01.T02	Cell wall integrity protein scw1
maker-8-augustus-gene-94.36-mRNA-1	NA	NA	Kinase-TM	Os08g0249100	OsR498G0815539600.01.T01	probable receptor-like serine/threonine-protein kinase At5g57670
maker-8-augustus-gene-94.38-mRNA-1	NA	Japonica		Os08g0249500	OsR498G0204909000.01.T03	DAGKa domain-containing protein (Fragment)
maker-8-augustus-gene-94.40-mRNA-1	NA	Japonica		Os08g0249600	OsR498G0815542000.01.T06	Diacylglycerol kinase
maker-8-augustus-gene-95.0-mRNA-1	NA	NA		Os08g0250700	OsR498G0815547500.01.T02	Thioredoxin domain-containing protein 9
maker-8-augustus-gene-95.10-mRNA-1	NA	NA		Os08g0250900	OsR498G0815549800.01.T01	Protein SUPPRESSOR OF like
maker-8-augustus-gene-95.4-mRNA-1	NA	NA		Os03g0618300	OsR498G0306569000.01.T01	Naringenin,2-oxoglutarate 3-dioxygenase
maker-8-augustus-gene-95.8-mRNA-1	NA	NA		Os08g0250000	OsR498G0100355100.01.T03	Metallothionein-like protein type 3
maker-8-augustus-gene-96.0-mRNA-1	NA	Indica		Os08g0253800	OsR498G0815556900.01.T02	Cellulose-synthase-like C5
maker-8-augustus-gene-96.3-mRNA-1	NA	NA		0	OsR498G0815558500.01.T01	Nodulin-like domain-containing protein (Fragment)
maker-8-augustus-gene-96.9-mRNA-1	NA	NA		Os03g0663800	OsR498G0815557200.01.T01	Globulin like protein
maker-9-augustus-gene-100.42-mRNA-1	NA	NA		0	OsR498G0917167000.01.T01	PGG domain-containing protein
maker-9-augustus-gene-100.43-mRNA-1	NA	NA		0	OsR498G0917167000.01.T01	Ankyrin repeat family protein-like
maker-9-augustus-gene-102.31-mRNA-1	NA	NA		0	OsR498G0917179000.01.T01	ABC transporter domain containing protein,expressed
maker-9-augustus-gene-104.0-mRNA-1	NA	NA	Kinase-TM			Senescence-induced receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-104.2-mRNA-1	NA	NA		Os09g0353700	OsR498G0917230700.01.T01	Iron/ascorbate-dependent oxidoreductase-like
maker-9-augustus-gene-106.25-mRNA-1	NA	NA	Kinase-LRR-TM	Os09g0351700		Serine/threonine-specific receptor protein kinase-like
maker-9-augustus-gene-107.12-mRNA-1	NA	Japonica	Kinase-TM	Os09g0349100	OsR498G0917214100.01.T01	Serine/threonine-specific receptor protein kinase-like
maker-9-augustus-gene-107.2-mRNA-1	NA	Indica	Kinase-LRR-TM	Os09g0352000	OsR498G0917216200.01.T01	Serine/threonine-specific receptor protein kinase-like
maker-9-augustus-gene-107.4-mRNA-1	NA	Japonica	Kinase-LRR-TM	Os09g0349800	OsR498G0917216200.01.T01	Putative LRR receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-108.40-mRNA-1	NA	NA		Os09g0348800		Transposon protein, putative, CACTA, En/Spm sub-class, expressed
maker-9-augustus-gene-109.13-mRNA-1	NA	NA		Os09g0345700	OsR498G0917205400.01.T02	NADH kinase
maker-9-augustus-gene-109.16-mRNA-1	NA	NA		Os09g0346400	OsR498G0917206100.01.T01	Proton pump-interactor
maker-9-augustus-gene-109.5-mRNA-1	NA	NA		Os09g0346700	OsR498G0917208000.01.T02	Retinol dehydrogenase 13
maker-9-augustus-gene-109.7-mRNA-1	NA	NA		Os09g0346600	OsR498G0917207600.01.T03	Short-chain dehydrogenase TIC 32, chloroplastic
maker-9-augustus-gene-110.15-mRNA-1	NA	NA		Os09g0344400	OsR498G0917200700.01.T01	F-box domain-containing protein
maker-9-augustus-gene-110.2-mRNA-1	NA	Japonica		Os09g0344500	OsR498G0917201600.01.T01	O-methyltransferase ZRP4
maker-9-augustus-gene-110.4-mRNA-1	NA	NA	Kinase-TM			L-type lectin-domain containing receptor kinase IX.1
maker-9-augustus-gene-112.27-mRNA-1	NA	NA	Kinase-TM	Os09g0339000	OsR498G0917194500.01.T01	L-type lectin-domain containing receptor kinase IX.1

maker-9-augustus-gene-113.29-mRNA-1	NA	NA		Os02g0545300		Putative ATP synthase subunit
maker-9-augustus-gene-115.0-mRNA-1	NA	NA	Kinase-LRR-TM	Os09g0355400		Senescence-induced receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-115.2-mRNA-1	NA	NA	Kinase-TM			Serine/threonine-specific receptor protein kinase-like
maker-9-augustus-gene-115.4-mRNA-1	NA	NA		Os09g0334500	OsR498G0917182100.01.T01	WRKY transcription factor
maker-9-augustus-gene-116.0-mRNA-1	NA	Japonica	Kinase-TM	Os09g0356200	OsR498G0917236300.01.T05	Putative LRR receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-116.11-mRNA-1	NA	NA		Os09g0357250	OsR498G0305320000.01.T01	Proteophosphoglycan ppg4
maker-9-augustus-gene-117.0-mRNA-1	NA	NA	Kinase-LRR-TM	Os09g0356800	OsR498G0917239000.01.T02	Putative LRR receptor-like serine/threonine-protein kinase
maker-9-augustus-gene-121.6-mRNA-1	NA	Indica		Os09g0507300	OsR498G0917260400.01.T01	L-ascorbate oxidase
maker-9-augustus-gene-122.0-mRNA-1	NA	Indica		Os08g0407600	OsR498G0917268500.01.T06	FLZ-type domain-containing protein (Fragment)
maker-9-augustus-gene-123.42-mRNA-1	NA	NA		Os09g0368200	OsR498G0917271000.01.T02	Flavin containing polyamine oxidase
maker-9-augustus-gene-123.46-mRNA-1	NA	NA		Os09g0368500	OsR498G0917272200.01.T01	Flavin containing polyamine oxidase
maker-9-augustus-gene-13.45-mRNA-1	NA	NA				PI-PLC X domain-containing protein
maker-9-augustus-gene-13.46-mRNA-1	NA	NA		Os09g0115600	OsR498G0916693000.01.T04	PI-PLC X domain-containing protein
maker-9-augustus-gene-131.12-mRNA-1	NA	NA				BED-type domain-containing protein
maker-9-augustus-gene-133.43-mRNA-1	NA	NA		Os09g0386400	OsR498G0917341200.01.T02	Enhanced ethylene response protein 5
maker-9-augustus-gene-135.31-mRNA-1	NA	Japonica		Os09g0389000	OsR498G0917355600.01.T01	Mannose-6-phosphate isomerase
maker-9-augustus-gene-137.19-mRNA-1	NA	NA		Os09g0394100	OsR498G0917375400.01.T03	Malonyl-CoA decarboxylase mitochondrial
maker-9-augustus-gene-137.5-mRNA-1	NA	NA		Os09g0392100	OsR498G0917367700.01.T01	Enhanced disease susceptibility 1
maker-9-augustus-gene-139.3-mRNA-1	NA	NA		Os04g0316800	OsR498G1018384200.01.T01	Transposon protein, putative, unclassified
maker-9-augustus-gene-139.4-mRNA-1	NA	NA		Os09g0396300	OsR498G0917388100.01.T05	Pyrrrolidone-carboxylate peptidase
maker-9-augustus-gene-139.8-mRNA-1	NA	Indica		Os09g0396900	OsR498G0917389500.01.T01	Vacuolar iron transporter like
maker-9-augustus-gene-14.31-mRNA-1	NA	NA				CBF domain-containing protein (Fragment)
maker-9-augustus-gene-14.36-mRNA-1	NA	Indica		Os09g0116100	OsR498G0916695200.01.T01	
maker-9-augustus-gene-140.0-mRNA-1	NA	NA		Os09g0397100	OsR498G0917391500.01.T01	
maker-9-augustus-gene-140.14-mRNA-1	NA	NA		Os09g0397400	OsR498G0917394200.01.T02	Protein trichome birefringence-like protein 14
maker-9-augustus-gene-140.2-mRNA-1	NA	NA		Os09g0397200	OsR498G0917391700.01.T01	
maker-9-augustus-gene-140.5-mRNA-1	NA	NA		Os09g0397300	OsR498G0917393900.01.T03	Trehalose-6-phosphate synthase13
maker-9-augustus-gene-140.8-mRNA-1	NA	NA		Os09g0397900	OsR498G0917394900.01.T04	Cleavage and polyadenylation specificity factor subunit 3-II like
maker-9-augustus-gene-142.35-mRNA-1	NA	NA		Os09g0401900	OsR498G0917411900.01.T02	ER lumen protein-retaining receptor
maker-9-augustus-gene-142.55-mRNA-1	NA	NA		Os09g0401600	OsR498G0917411600.01.T01	Plant UBX domain-containing protein 2
maker-9-augustus-gene-143.22-mRNA-1	NA	NA		0	OsR498G0917414800.01.T01	
maker-9-augustus-gene-144.43-mRNA-1	NA	NA		Os09g0407200	OsR498G0917421300.01.T06	Ubiquitin receptor RAD23
maker-9-augustus-gene-144.53-mRNA-1	NA	NA		Os09g0406100	OsR498G0917419000.01.T01	
maker-9-augustus-gene-144.63-mRNA-1	NA	NA		Os09g0407900	OsR498G0917423000.01.T01	U4/U6.U5 tri-snRNP-associated protein 2-like
maker-9-augustus-gene-145.29-mRNA-1	NA	NA		0	OsR498G0917423100.01.T07	Actin cytoskeleton-regulatory complex protein
maker-9-augustus-gene-145.33-mRNA-1	NA	NA		0	OsR498G0917425300.01.T01	Putative BAH domain, Agenet-like domain, Agenet domain, plant type
maker-9-augustus-gene-145.36-mRNA-1	NA	NA		Os09g0408500		Heavy metal-associated isoprenylated plant protein 7
maker-9-augustus-gene-145.39-mRNA-1	NA	NA	Kinase-TM	Os09g0408800	OsR498G0917427900.01.T01	Cysteine-rich receptor-like protein kinase 10
maker-9-augustus-gene-145.41-mRNA-1	NA	NA		Os09g0408600	OsR498G0917427400.01.T01	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex
maker-9-augustus-gene-146.0-mRNA-1	NA	NA		0	OsR498G0917431500.01.T07	Transcription initiation factor TFIID subunit 2
maker-9-augustus-gene-15.0-mRNA-1	NA	Indica	LRR	Os02g0826600	OsR498G0916701600.01.T01	Plant intracellular Ras-group-related LRR protein 6
maker-9-augustus-gene-15.2-mRNA-1	NA	NA		Os04g0274700	OsR498G0613115000.01.T04	
maker-9-augustus-gene-150.13-mRNA-1	NA	NA		Os09g0417600	OsR498G0917462400.01.T01	WRKY transcription factor
maker-9-augustus-gene-151.29-mRNA-1	NA	NA		Os09g0417800	OsR498G0917463600.01.T02	WRKY transcription factor
maker-9-augustus-gene-151.32-mRNA-1	NA	NA		Os09g0419200	OsR498G0917467800.01.T01	Cinnamoyl CoA reductase
maker-9-augustus-gene-152.0-mRNA-1	NA	Indica		Os09g0419500	OsR498G0917469500.01.T01	E3 ubiquitin-protein ligase RNF144B
maker-9-augustus-gene-152.10-mRNA-1	NA	NA		Os09g0420300	OsR498G0917472200.01.T01	probable GMP synthase [glutamine-hydrolyzing]
maker-9-augustus-gene-152.2-mRNA-1	NA	NA		Os09g0419600	OsR498G0917469700.01.T01	RBR-type E3 ubiquitin transferase
maker-9-augustus-gene-152.4-mRNA-1	NA	Japonica		Os09g0420000	OsR498G0917471500.01.T01	RBR-type E3 ubiquitin transferase
maker-9-augustus-gene-153.15-mRNA-1	NA	NA				kinesin-related protein 4
maker-9-augustus-gene-154.29-mRNA-1	NA	Japonica	CC-Kinase-LRR-TM	Os09g0423000	OsR498G0917480300.01.T01	putative leucine-rich repeat receptor-like serine/threonine-protein kinase A
maker-9-augustus-gene-154.31-mRNA-1	NA	NA		Os09g0423400	OsR498G0917481100.01.T01	Folate-biotin transporter like
maker-9-augustus-gene-154.33-mRNA-1	NA	NA		Os09g0423500	OsR498G0917482100.01.T01	Peptidase A1 domain-containing protein (Fragment)
maker-9-augustus-gene-156.14-mRNA-1	NA	NA		Os09g0428300		Glutamate receptor
maker-9-augustus-gene-16.0-mRNA-1	NA	NA		Os09g0116100	OsR498G0916695200.01.T01	
maker-9-augustus-gene-16.2-mRNA-1	NA	NA		Os09g0119100	OsR498G0916707400.01.T01	Ubiquitin system component Cue
maker-9-augustus-gene-164.14-mRNA-1	NA	NA		Os09g0440300	OsR498G0917542200.01.T01	Aldehyde dehydrogenase 7B4
maker-9-augustus-gene-168.42-mRNA-1	NA	NA		Os09g0448200	OsR498G0917573900.01.T02	Potassium transporter
maker-9-augustus-gene-18.0-mRNA-1	NA	NA		0	OsR498G0916715900.01.T07	Similar to MIM (HYPERSENSITIVE TO MMS, IRRADIATION AND MMC)
maker-9-augustus-gene-18.5-mRNA-1	NA	Indica		Os01g0214200	OsR498G0916718700.01.T01	Isoamyl acetate-hydrolyzing esterase
maker-9-augustus-gene-18.8-mRNA-1	NA	NA		Os09g0122000		C2H2-type domain-containing protein

maker-9-augustus-gene-183.4-mRNA-1	NA	NA		Os09g0476000	OsR498G091767800.01.T01	Movement protein binding protein 2C
maker-9-augustus-gene-183.6-mRNA-1	NA	NA		0	OsR498G0917682900.01.T01	titin homolog
maker-9-augustus-gene-184.26-mRNA-1	NA	NA		Os09g0477900	OsR498G0917683500.01.T06	Bacterial Fmu (Sun)/eukaryotic nucleolar NOL1/Nop2p
maker-9-augustus-gene-184.31-mRNA-1	NA	NA	Kinase	Os09g0478500	OsR498G0917686300.01.T03	Serine/threonine-protein kinase D6PKL1
maker-9-augustus-gene-184.37-mRNA-1	NA	Indica	Kinase-LRR-TM	Os08g0493800	OsR498G0917690700.01.T01	Serine/threonine protein kinase
maker-9-augustus-gene-184.41-mRNA-1	NA	NA		Os09g0478100	OsR498G0917684000.01.T01	Cellulose synthase-like protein E1
maker-9-augustus-gene-184.46-mRNA-1	NA	Indica		Os09g0478100	OsR498G0917684200.01.T01	Cellulose synthase-like protein E6
maker-9-augustus-gene-184.49-mRNA-1	NA	NA		Os09g0478400	OsR498G0917685000.01.T04	
maker-9-augustus-gene-185.38-mRNA-1	NA	NA		Os09g0479400	OsR498G0917691100.01.T01	DUF2431 domain-containing protein (Fragment)
maker-9-augustus-gene-185.41-mRNA-1	NA	Indica		Os02g0198700	OsR498G0917692300.01.T01	Subtilisin-like protease
maker-9-augustus-gene-185.54-mRNA-1	NA	NA	CC-NBS-TM	Os09g0479500	OsR498G0917691400.01.T01	Disease resistance protein RPM1
maker-9-augustus-gene-19.26-mRNA-1	NA	NA		Os09g0123100	OsR498G0916721100.01.T01	CCR4-NOT transcription complex subunit 10
maker-9-augustus-gene-19.30-mRNA-1	NA	Indica		Os09g0123200	OsR498G0916721700.01.T03	Flowering time control protein FCA
maker-9-augustus-gene-190.41-mRNA-1	NA	NA				
maker-9-augustus-gene-194.8-mRNA-1	NA	NA		Os09g0500600	OsR498G0917754700.01.T01	DNA topoisomerase
maker-9-augustus-gene-20.40-mRNA-1	NA	NA	Kinase-TM	Os09g0123300	OsR498G0916722500.01.T02	Putative leucine-rich repeat receptor-like protein kinase At4g00330
maker-9-augustus-gene-20.49-mRNA-1	NA	NA		Os09g01233500	OsR498G0916723200.01.T01	Ankyrin repeat domain-containing protein 50
maker-9-augustus-gene-20.57-mRNA-1	NA	NA				Ankyrin-like protein-like protein
maker-9-augustus-gene-20.63-mRNA-1	NA	NA		0	OsR498G0916724600.01.T04	
maker-9-augustus-gene-200.52-mRNA-1	NA	NA				
maker-9-augustus-gene-201.52-mRNA-1	NA	NA		0	OsR498G0917792400.01.T02	
maker-9-augustus-gene-207.37-mRNA-1	NA	NA		Os09g0527100	OsR498G0917832300.01.T01	RRM domain-containing protein
maker-9-augustus-gene-207.40-mRNA-1	NA	NA		Os09g0527500	OsR498G0917832900.01.T01	Nuclear speckle RNA-binding protein A
maker-9-augustus-gene-207.42-mRNA-1	NA	NA		Os09g0527600	OsR498G0917833300.01.T01	Ras-related protein RABA3
maker-9-augustus-gene-207.49-mRNA-1	NA	NA		Os09g0526600	OsR498G0917829800.01.T04	Heat-responsive transcription factor
maker-9-augustus-gene-207.53-mRNA-1	NA	NA		Os09g0526700	OsR498G0917831400.01.T01	UDP-galactose 4-epimerase
maker-9-augustus-gene-207.61-mRNA-1	NA	NA		Os09g0527700	OsR498G0917833800.01.T01	Auxin-responsive protein IAA26
maker-9-augustus-gene-207.64-mRNA-1	NA	NA		Os09g0527900	OsR498G0917834200.01.T01	B-box zinc finger protein 19
maker-9-augustus-gene-208.0-mRNA-1	NA	NA		Os09g0528000	OsR498G0917834500.01.T01	Kinesin-like protein KIN-7J
maker-9-augustus-gene-208.8-mRNA-1	NA	NA		Os09g0528300	OsR498G0917836200.01.T01	Mediator of RNA polymerase II transcription subunit 10
maker-9-augustus-gene-21.33-mRNA-1	NA	NA		0	OsR498G0916732700.01.T02	Tetratricopeptide repeat protein-like
maker-9-augustus-gene-210.11-mRNA-1	NA	NA		Os09g0533300	OsR498G0917853100.01.T02	Inactive purple acid phosphatase
maker-9-augustus-gene-210.13-mRNA-1	NA	Indica	Kinase-TM	Os06g0654500	OsR498G0917848400.01.T02	Serine/threonine protein kinase
maker-9-augustus-gene-210.15-mRNA-1	NA	NA		Os09g0531800	OsR498G0917848800.01.T02	Hexosyltransferase
maker-9-augustus-gene-210.19-mRNA-1	NA	NA		Os09g0531900	OsR498G0917849000.01.T01	Hexosyltransferase
maker-9-augustus-gene-210.31-mRNA-1	NA	NA		Os09g0532900	OsR498G0917852800.01.T03	MYB transcriptional factor
maker-9-augustus-gene-210.33-mRNA-1	NA	NA				
maker-9-augustus-gene-210.34-mRNA-1	NA	NA	CC-NBS-TM	Os09g0533400	OsR498G0917853400.01.T01	Lon protease homolog 2, peroxisomal
maker-9-augustus-gene-210.4-mRNA-1	NA	Indica		Os09g0533100	OsR498G0917852900.01.T03	Pantothenate kinase
maker-9-augustus-gene-211.19-mRNA-1	NA	NA	Kinase	Os09g0533600	OsR498G0917854200.01.T01	probable serine/threonine-protein kinase PBL19
maker-9-augustus-gene-211.7-mRNA-1	NA	NA				Heat shock cognate protein 80
maker-9-augustus-gene-212.63-mRNA-1	NA	NA		Os09g0536700	OsR498G0917867600.01.T01	Nodulin-like domain-containing protein (Fragment)
maker-9-augustus-gene-213.38-mRNA-1	NA	NA		Os09g0537600	OsR498G0917870900.01.T01	Peptidyl-prolyl cis-trans isomerase
maker-9-augustus-gene-215.0-mRNA-1	NA	NA		0	OsR498G0917889100.01.T02	DUF632 domain-containing protein/DUF630 domain-containing protein
maker-9-augustus-gene-215.13-mRNA-1	NA	NA				RING-type domain-containing protein (Fragment)
maker-9-augustus-gene-215.14-mRNA-1	NA	NA		0	OsR498G0917889800.01.T01	Serine/threonine protein phosphatase 2A regulatory subunit
maker-9-augustus-gene-216.0-mRNA-1	NA	NA	Kinase-TM	Os09g0544300	OsR498G0917897100.01.T01	Serine/threonine-protein kinase STY46
maker-9-augustus-gene-216.11-mRNA-1	NA	NA		0	OsR498G0917898000.01.T01	high mobility group B protein 9
maker-9-augustus-gene-216.6-mRNA-1	NA	Japonica		Os09g0544400	OsR498G0917897500.01.T01	Glutathione transferase
maker-9-augustus-gene-217.6-mRNA-1	NA	NA		0	OsR498G0917904600.01.T02	Auxin-responsive protein SAUR36
maker-9-augustus-gene-217.8-mRNA-1	NA	NA		Os09g0547200	OsR498G0917907000.01.T01	Regulator of Vps4 activity in the MVB pathway protein
maker-9-augustus-gene-22.4-mRNA-1	NA	Indica		Os09g0250800	OsR498G0916734200.01.T01	ABC transporter domain-containing protein (Fragment)
maker-9-augustus-gene-223.56-mRNA-1	NA	NA				Cyclic nucleotide-gated ion channel
maker-9-augustus-gene-226.80-mRNA-1	NA	NA		Os09g0565100		KDEL-tailed cysteine endopeptidase CEP1
maker-9-augustus-gene-228.0-mRNA-1	NA	NA		Os09g0567300	OsR498G0917967100.01.T03	Monodehydroascorbate reductase
maker-9-augustus-gene-230.63-mRNA-1	NA	NA		Os09g0536400	OsR498G0917866300.01.T01	Thaumatococcus-like protein 1b
maker-9-augustus-gene-24.5-mRNA-1	NA	NA		Os09g0128600	OsR498G0916742000.01.T04	CMP/dCMP deaminase
maker-9-augustus-gene-25.38-mRNA-1	NA	NA		Os09g0129400	OsR498G0916743100.01.T06	
maker-9-augustus-gene-25.43-mRNA-1	NA	NA				
maker-9-augustus-gene-29.37-mRNA-1	NA	NA		Os09g0134400	OsR498G0916762900.01.T03	PRA1 family protein H
maker-9-augustus-gene-3.3-mRNA-1	NA	NA		Os09g0101200		Zinc finger BED domain-containing protein DAYSLEEPER

maker-9-augustus-gene-31.0-mRNA-1	NA	NA		Os09g0258000	OsR498G0916849000.01.T03	Phosphatidylinositolphosphatidylcholine transfer protein sfh2
maker-9-augustus-gene-33.31-mRNA-1	NA	NA		Os01g0838725	OsR498G1018411500.01.T01	
maker-9-augustus-gene-34.21-mRNA-1	NA	NA				GATA-4/5/6 transcription factor (Fragment)
maker-9-augustus-gene-35.12-mRNA-1	NA	NA		Os09g0241700		Ribosomal protein-like
maker-9-augustus-gene-35.3-mRNA-1	NA	NA				STAS domain-containing protein
maker-9-augustus-gene-39.3-mRNA-1	NA	Japonica		Os09g0246200	OsR498G0916804200.01.T01	DNA-directed RNA polymerase
maker-9-augustus-gene-42.5-mRNA-1	NA	NA		Os08g0459400		DDE Tnp4 domain-containing protein (Fragment)
maker-9-augustus-gene-43.0-mRNA-1	NA	NA		Os09g0250700	OsR498G0916833700.01.T06	protein ACTIVITY OF BC1 COMPLEX KINASE 7, chloroplastic
maker-9-augustus-gene-49.0-mRNA-1	NA	Japonica		Os09g0258700	OsR498G0916851500.01.T01	Bidirectional sugar transporter SWEET
maker-9-augustus-gene-49.4-mRNA-1	NA	NA		Os09g0258000	OsR498G0916849000.01.T03	Phosphatidylinositolphosphatidylcholine transfer protein sfh2
maker-9-augustus-gene-50.47-mRNA-1	NA	NA		Os09g0258800		Bidirectional sugar transporter SWEET
maker-9-augustus-gene-50.52-mRNA-1	NA	NA		0	OsR498G0407890700.01.T01	
maker-9-augustus-gene-50.55-mRNA-1	NA	NA		0	OsR498G0102498700.01.T01	
maker-9-augustus-gene-50.57-mRNA-1	NA	NA		Os09g0258800		Ulp1 protease family, C-terminal catalytic domain containing protein
maker-9-augustus-gene-50.66-mRNA-1	NA	NA				Far-red impaired response-like
maker-9-augustus-gene-51.11-mRNA-1	NA	Japonica		Os09g0262000	OsR498G0916863300.01.T01	Epimerase domain-containing protein (Fragment)
maker-9-augustus-gene-51.16-mRNA-1	NA	NA		Os09g0261100	OsR498G0916858000.01.T01	Ribosomal protein-like
maker-9-augustus-gene-51.17-mRNA-1	NA	NA		Os09g0261300	OsR498G0916858600.01.T01	Phosphoglycolate phosphatase
maker-9-augustus-gene-51.2-mRNA-1	NA	NA		0	OsR498G0916860500.01.T03	
maker-9-augustus-gene-53.27-mRNA-1	NA	Indica		Os09g0262000	OsR498G0916870200.01.T01	Epimerase domain-containing protein (Fragment)
maker-9-augustus-gene-53.29-mRNA-1	NA	NA		Os09g0266000		Polyketide cyclase Snoal-like domain
maker-9-augustus-gene-53.31-mRNA-1	NA	Japonica		Os09g0264400	OsR498G0916863800.01.T01	Flavonoid 3'-monooxygenase
maker-9-augustus-gene-54.0-mRNA-1	NA	NA		Os09g0266400	OsR498G0916872700.01.T01	Hydrolase acting on ester bonds
maker-9-augustus-gene-54.12-mRNA-1	NA	Indica		Os09g0266600	OsR498G0916873200.01.T02	BTB/POZ domain-containing protein isoform X3
maker-9-augustus-gene-54.8-mRNA-1	NA	NA		0	OsR498G0916871400.01.T03	
maker-9-augustus-gene-55.0-mRNA-1	NA	NA		Os09g0267500	OsR498G0916877300.01.T02	Coatomer subunit alpha-2
maker-9-augustus-gene-55.12-mRNA-1	NA	NA				RRM domain-containing protein
maker-9-augustus-gene-55.8-mRNA-1	NA	NA	LRR-NBS-TM	0	OsR498G0916877900.01.T01	Disease resistance protein RPM1
maker-9-augustus-gene-61.0-mRNA-1	NA	NA				VWA domain-containing protein
maker-9-augustus-gene-62.50-mRNA-1	NA	NA	CC-Kinase	0	OsR498G0916904200.01.T03	Serine/threonine protein kinase
maker-9-augustus-gene-63.2-mRNA-1	NA	NA		Os09g0279600	OsR498G0916907100.01.T05	DNA topoisomerase VI, B subunit
maker-9-augustus-gene-68.0-mRNA-1	NA	NA		Os09g0286300	OsR498G0916940800.01.T01	Protein ENDOSPERM DEFECTIVE 1
maker-9-augustus-gene-68.11-mRNA-1	NA	NA		Os09g0287000	OsR498G0916944400.01.T02	Submergence-1B
maker-9-augustus-gene-68.13-mRNA-1	NA	NA		Os09g0287300	OsR498G0916948000.01.T03	Histidine phosphatase
maker-9-augustus-gene-68.18-mRNA-1	NA	NA				
maker-9-augustus-gene-68.9-mRNA-1	NA	NA		Os09g0286400	OsR498G0916941200.01.T03	Sodium-hydrogen exchanger 5
maker-9-augustus-gene-70.22-mRNA-1	NA	NA		Os04g0274700	OsR498G0613115000.01.T04	
maker-9-augustus-gene-71.20-mRNA-1	NA	NA		0	OsR498G0916971100.01.T01	
maker-9-augustus-gene-71.22-mRNA-1	NA	NA		Os04g0316800		Transposon protein, putative, unclassified
maker-9-augustus-gene-71.23-mRNA-1	NA	NA		Os08g0514800		Ptta/En/Spm family plant transposase
maker-9-augustus-gene-83.29-mRNA-1	NA	NA		0	OsR498G0917043300.01.T01	Zinc finger CCCH domain-containing protein 47
maker-9-augustus-gene-84.12-mRNA-1	NA	NA				
maker-9-augustus-gene-84.13-mRNA-1	NA	NA		Os09g0306650	OsR498G0917046000.01.T05	Putative NAD(P)H dehydrogenase subunit CRR3 chloroplastic
maker-9-augustus-gene-84.26-mRNA-1	NA	NA		Os09g0306800	OsR498G0917046800.01.T01	Polycomb group protein EMBRYONIC FLOWER 2
maker-9-augustus-gene-84.7-mRNA-1	NA	NA		Os09g0307300	OsR498G0917047700.01.T03	TPX2 domain-containing protein (Fragment)
maker-9-augustus-gene-85.22-mRNA-1	NA	NA		Os09g0307800	OsR498G0917051400.01.T03	Histone-lysine N-methyltransferase, H3 lysine-36 and H4 lysine-20specific
maker-9-augustus-gene-86.10-mRNA-1	NA	NA		Os09g0309100	OsR498G0917060600.01.T01	SWIM-type domain-containing protein
maker-9-augustus-gene-86.3-mRNA-1	NA	NA		Os09g0309200	OsR498G0917061100.01.T02	Calmodulin-binding protein 60 D like
maker-9-augustus-gene-86.6-mRNA-1	NA	NA		Os09g0308900	OsR498G0917060400.01.T03	Lipid phosphate phosphatase 2
maker-9-augustus-gene-87.0-mRNA-1	NA	NA	NBS-TM			NB-ARC domain-containing protein
maker-9-augustus-gene-87.4-mRNA-1	NA	NA	CC-NBS-TM	Os09g0313500	OsR498G0917079600.01.T01	Putative nucleotide-binding leucine-rich-repeat protein 1
maker-9-augustus-gene-88.25-mRNA-1	NA	NA	NBS-TM			NBS-LRR protein (Fragment)
maker-9-augustus-gene-88.29-mRNA-1	NA	NA		Os09g0314300	OsR498G0917083100.01.T01	Peroxisome biogenesis protein 3-2
maker-9-augustus-gene-88.34-mRNA-1	NA	NA		0	OsR498G0917084900.01.T02	Polyadenylate-binding protein-interacting protein 9
maker-9-augustus-gene-88.42-mRNA-1	NA	NA	Kinase-TM	Os09g0315600		L-type lectin-domain containing receptor kinase IV.2
maker-9-augustus-gene-88.44-mRNA-1	NA	Indica		Os08g0366000	OsR498G0917090600.01.T01	Phosphoenolpyruvate carboxylase
maker-9-augustus-gene-88.47-mRNA-1	NA	NA		Os09g0315800	OsR498G0917093200.01.T03	Rab3 GTPase-activating protein non-catalytic subunit
maker-9-augustus-gene-88.51-mRNA-1	NA	Indica		Os04g0151900	OsR498G0917094200.01.T02	Cysteine dioxygenase
maker-9-augustus-gene-89.40-mRNA-1	NA	NA		0	OsR498G1119785600.01.T01	Protein ACCELERATED CELL DEATH 6-like isoform X2
maker-9-augustus-gene-89.42-mRNA-1	NA	Japonica		Os09g0317600	OsR498G0917109300.01.T01	Protein ACCELERATED CELL DEATH 6-like isoform X2
maker-9-augustus-gene-90.13-mRNA-1	NA	NA		Os09g0318600	OsR498G0917118200.01.T02	NAM-associated domain-containing protein

maker-9-augustus-gene-92.0-mRNA-1	NA	Japonica		Os09g0319800	OsR498G0407643700.01.T01	(+)-delta-cadinene synthase
maker-9-augustus-gene-98.23-mRNA-1	NA	NA				Kinesin motor domain-containing protein
maker-9-augustus-gene-98.31-mRNA-1	NA	NA				Kinesin motor domain-containing protein
maker-9-augustus-gene-99.0-mRNA-1	NA	NA	LRR-NBS-TM	Os09g0327800		NBS-LRR disease resistance protein-like
maker-9-augustus-gene-99.2-mRNA-1	NA	NA		Os01g0382900		
maker-9-augustus-gene-99.4-mRNA-1	NA	Japonica		Os09g0328600	OsR498G0917164800.01.T01	

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