

Supplemental Table S3. Genes identified in the genome of COPSEMAR9. Only COPSEMAR9 genes for which homologues are identified in *japonica* (IRGSP-1.0) and *indica* (R498) are listed.

Marker	Chromosome	Query	India_87	India_91	in India, eval	in India, Btore	Japanica_42	in Japanica_42	in Japanica, eval	in Japanica, Btore	Japanica_43	in India, Btore	Assignment Gene	Assignment Genome	Bratidase Gene Class
augustinus_masked1 processed gene 15.18 mBNA-1	1	1	0.00E+00	0.00E+00	1762	0.00E+00	0.01211900	82.50	0.00E+00	1125	861	india	india	Japanica	
augustinus_masked1 processed gene 15.23 mBNA-1	1	1	0.00E+00	0.00E+00	1457	0.00E+00	0.01243143	80.00	0.00E+00	1127	861	india	india	Japanica	
augustinus_masked1 processed gene 15.18 mBNA-1	1	1	0.00E+00	0.00E+00	1548	0.00E+00	0.01212070	100.00	0.00E+00	1137	0	NA	NA	NA	
augustinus_masked1 processed gene 130.17 mBNA-1	1	1	0.00E+00	0.00E+00	1427	0.00E+00	0.01211720	11.17	0.00E+00	1137	0	india	india	Japanica	
augustinus_masked1 processed gene 111.45 mBNA-1	1	1	0.00E+00	0.00E+00	6,416,137	488	0.01202970	100.00	0.00E+00	1143	485	india	india	Japanica	
augustinus_masked1 processed gene 112.19 mBNA-1	1	1	0.00E+00	0.00E+00	1,691,152	38	0.01205100	100.00	1.13E+15	1147	0	NA	NA	Japanica	
augustinus_masked1 processed gene 174.02 mBNA-1	1	1	0.00E+00	0.00E+00	1,171	0	0.01211130	100.00	0.00E+00	1147	0	india	india	Japanica	
augustinus_masked1 processed gene 12.2 mBNA-1	1	1	0.00E+00	0.00E+00	861	0.00E+00	0.01202100	100.00	4.14E+144	509	352	india	india	NA	
augustinus_masked1 processed gene 125.33 mBNA-1	1	1	0.00E+00	0.00E+00	2124	0.00E+00	0.01202900	81.80	0.00E+00	1208	864	india	india	Japanica	
augustinus_masked1 processed gene 125.33 mBNA-1	1	1	0.00E+00	0.00E+00	957	0.00E+00	0.01204540	81.19	1.82E+143	508	469	india	india	Japanica	
augustinus_masked1 processed gene 17.23 mBNA-1	1	1	0.00E+00	0.00E+00	1332	0.00E+00	0.01204317	100.00	0.00E+00	1207	0	india	india	Japanica	
augustinus_masked1 processed gene 13.35 mBNA-1	1	1	0.00E+00	0.00E+00	1364	0.00E+00	0.01212420	99.74	0.00E+00	1153	0	NA	NA	NA	
augustinus_masked1 processed gene 13.35 mBNA-1	1	1	0.00E+00	0.00E+00	2448	0.00E+00	0.01204300	100.00	0.00E+00	1153	0	india	india	Japanica	
augustinus_masked1 processed gene 13.35 mBNA-1	1	1	0.00E+00	0.00E+00	1,79E+129	629	0.01202500	100.00	1.93E+139	607	22	NA	NA	Japanica	
augustinus_masked1 processed gene 13.35 mBNA-1	1	1	0.00E+00	0.00E+00	1153	0.00E+00	0.01202290	100.00	0.00E+00	1050	103	NA	NA	NA	
augustinus_masked1 processed gene 136.15 mBNA-1	1	1	0.00E+00	0.00E+00	2,97E+140	460	0.01204313	100.00	0.00E+00	1050	103	india	india	Japanica	
augustinus_masked1 processed gene 136.15 mBNA-1	1	1	0.00E+00	0.00E+00	1885	0.00E+00	0.01204100	100.00	0.00E+00	1050	103	india	india	Japanica	
augustinus_masked1 processed gene 136.2 mBNA-1	1	1	0.00E+00	0.00E+00	1439	0.00E+00	0.01204870	96.55	2.11E+137	554	485	india	india	Japanica	
augustinus_masked1 processed gene 136.2 mBNA-1	1	1	0.00E+00	0.00E+00	1439	0.00E+00	0.01204870	96.55	2.11E+137	554	485	india	india	Japanica	
augustinus_masked1 processed gene 136.2 mBNA-1	1	1	0.00E+00	0.00E+00	2551	0.00E+00	0.01204310	99.95	0.00E+00	3958	1445	india	india	Japanica	
augustinus_masked1 processed gene 136.2 mBNA-1	1	1	0.00E+00	0.00E+00	2551	0.00E+00	0.01204310	99.95	0.00E+00	3958	1445	india	india	Japanica	
augustinus_masked1 processed gene 139.18 mBNA-1	1	1	0.00E+00	0.00E+00	2270	0.00E+00	0.01204280	100.00	0.00E+00	2679	807	india	india	Japanica	
augustinus_masked1 processed gene 139.18 mBNA-1	1	1	0.00E+00	0.00E+00	2270	0.00E+00	0.01204280	100.00	0.00E+00	2679	807	india	india	Japanica	
augustinus_masked1 processed gene 146.1 mBNA-1	1	1	0.00E+00	0.00E+00	1,123	125	0.0120	100.00	0.00E+00	2560	250	india	india	Japanica	
augustinus_masked1 processed gene 146.1 mBNA-1	1	1	0.00E+00	0.00E+00	205	33	0.0120	100.00	0.00E+00	2560	250	india	india	Japanica	
augustinus_masked1 processed gene 147.22 mBNA-1	1	1	0.00E+00	0.00E+00	5379	0.00E+00	0.01203990	100.00	0.00E+00	1729	1350	india	india	Japanica	
augustinus_masked1 processed gene 147.22 mBNA-1	1	1	0.00E+00	0.00E+00	5379	0.00E+00	0.01203990	100.00	0.00E+00	1729	1350	india	india	Japanica	
augustinus_masked1 processed gene 151.19 mBNA-1	1	1	0.00E+00	0.00E+00	1176	0.00E+00	0.01202830	99.85	0.00E+00	1176	0	NA	NA	NA	
augustinus_masked1 processed gene 151.19 mBNA-1	1	1	0.00E+00	0.00E+00	1176	0.00E+00	0.01202830	99.85	0.00E+00	1176	0	NA	NA	NA	
augustinus_masked1 processed gene 155.37 mBNA-1	1	1	0.00E+00	0.00E+00	2457	0.00E+00	0.01203790	100.00	0.00E+00	2040	417	india	india	Japanica	
augustinus_masked1 processed gene 155.37 mBNA-1	1	1	0.00E+00	0.00E+00	2457	0.00E+00	0.01203790	100.00	0.00E+00	2040	417	india	india	Japanica	
augustinus_masked1 processed gene 161.7 mBNA-1	1	1	0.00E+00	0.00E+00	948	0.00E+00	0.01203300	98.85	0.00E+00	925	27	india	india	Japanica	
augustinus_masked1 processed gene 161.7 mBNA-1	1	1	0.00E+00	0.00E+00	948	0.00E+00	0.01203300	98.85	0.00E+00	925	27	india	india	Japanica	
augustinus_masked1 processed gene 161.7 mBNA-1	1	1	0.00E+00	0.00E+00	851	0.00E+00	0.01203840	100.00	0.00E+00	930	59	NA	NA	NA	
augustinus_masked1 processed gene 161.7 mBNA-1	1	1	0.00E+00	0.00E+00	1332	0.00E+00	0.01204317	100.00	0.00E+00	930	59	india	india	Japanica	
augustinus_masked1 processed gene 178.1 mBNA-1	1	1	0.00E+00	0.00E+00	2892	0.00E+00	0.01204980	100.00	0.00E+00	2908	14	NA	NA	Japanica	
augustinus_masked1 processed gene 178.1 mBNA-1	1	1	0.00E+00	0.00E+00	2892	0.00E+00	0.01204980	100.00	0.00E+00	2908	14	NA	NA	Japanica	
augustinus_masked1 processed gene 183.15 mBNA-1	1	1	0.00E+00	0.00E+00	1,815	179	0.01204510	100.00	0.00E+00	2938	14	india	india	Japanica	
augustinus_masked1 processed gene 183.15 mBNA-1	1	1	0.00E+00	0.00E+00	1,815	179	0.01204510	100.00	0.00E+00	2938	14	india	india	Japanica	
augustinus_masked1 processed gene 187.31 mBNA-1	1	1	0.00E+00	0.00E+00	2432	0.00E+00	0.0120511000	100.00	0.00E+00	1443	13	NA	NA	Japanica	
augustinus_masked1 processed gene 187.31 mBNA-1	1	1	0.00E+00	0.00E+00	2432	0.00E+00	0.0120511000	100.00	0.00E+00	1443	13	NA	NA	Japanica	
augustinus_masked1 processed gene 187.31 mBNA-1	1	1	0.00E+00	0.00E+00	1764	0.00E+00	0.0120511000	92.27	0.00E+00	923	461	india	india	Japanica	
augustinus_masked1 processed gene 191.39 mBNA-1	1	1	0.00E+00	0.00E+00	2019	0.00E+00	0.0120511000	100.00	0.00E+00	1824	195	india	india	Japanica	
augustinus_masked1 processed gene 191.39 mBNA-1	1	1	0.00E+00	0.00E+00	2019	0.00E+00	0.0120511000	100.00	0.00E+00	1824	195	india	india	Japanica	
augustinus_masked1 processed gene 199.34 mBNA-1	1	1	0.00E+00	0.00E+00	1339	0.00E+00	0.0120523000	100.00	0.00E+00	1339	0	NA	NA	NA	
augustinus_masked1 processed gene 199.34 mBNA-1	1	1	0.00E+00	0.00E+00	1339	0.00E+00	0.0120523000	100.00	0.00E+00	1339	0	NA	NA	NA	
augustinus_masked1 processed gene 214.1 mBNA-1	1	1	0.00E+00	0.00E+00	3,05E+129	463	0.0120319900	99.81	1.07E+129	462	0	NA	NA	NA	
augustinus_masked1 processed gene 214.1 mBNA-1	1	1	0.00E+00	0.00E+00	3,05E+129	463	0.0120319900	99.81	1.07E+129	462	0	NA	NA	NA	
augustinus_masked1 processed gene 230.48 mBNA-1	1	1	0.00E+00	0.00E+00	2,71E+130	334	0.0120448000	100.00	0.00E+00	1775	1441	india	india	Japanica	
augustinus_masked1 processed gene 230.48 mBNA-1	1	1	0.00E+00	0.00E+00	2,71E+130	334	0.0120448000	100.00	0.00E+00	1775	1441	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	234	0.00E+00	0.0120499000	91.29	0.00E+00	234	0	NA	NA	NA	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	234	0.00E+00	0.0120499000	91.29	0.00E+00	234	0	NA	NA	NA	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	234	0.00E+00	0.0120499000	91.29	0.00E+00	234	0	NA	NA	NA	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	234	0.00E+00	0.0120499000	91.29	0.00E+00	234	0	NA	NA	NA	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	126	india	india	Japanica	
augustinus_masked1 processed gene 231.1 mBNA-1	1	1	0.00E+00	0.00E+00	2418	0.00E+00	0.0120564800	100.00	0.00E+00	2572	1				

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augustin-1 processed 29-21 mN-1	1	D4K490010194100.1	100.00	0.00E+00	1383	0.00E+00	0.00E+00	1221	-42	NA	indica
augustin-1 processed 29-24 mN-1	1	D4K490010195100.1	97.47	0.00E+00	861	0.00E+00	0.00E+00	3706	154	NA	indica
augustin-1 processed 29-25 mN-1	1	D4K490010196100.1	99.3	0.00E+00	132	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 29-26 mN-1	1	D4K490010197100.1	98.78	0.00E+00	2236	0.00E+00	0.00E+00	1431	805	NA	indica
augustin-1 processed 29-27 mN-1	1	D4K490010198100.1	98.78	0.00E+00	1071	0.00E+00	0.00E+00	1397	96	NA	indica
augustin-1 processed 29-29 mN-1	1	D4K490010199100.1	98.78	0.00E+00	6084	0.00E+00	0.00E+00	1004	1004	NA	indica
augustin-1 processed 29-30 mN-1	1	D4K490010200100.1	98.78	0.00E+00	1071	0.00E+00	0.00E+00	1233	0	NA	indica
augustin-1 processed 29-31 mN-1	1	D4K490010201100.1	99.83	0.00E+00	2492	0.00E+00	0.00E+00	1796	756	NA	indica
augustin-1 processed 29-32 mN-1	1	D4K490010202100.1	99.83	0.00E+00	824	0.00E+00	0.00E+00	1363	1363	NA	indica
augustin-1 processed 29-33 mN-1	1	D4K490010203100.1	99.83	0.00E+00	2784	0.00E+00	0.00E+00	1276	488	NA	indica
augustin-1 processed 29-34 mN-1	1	D4K490010204100.1	99.83	0.00E+00	1071	0.00E+00	0.00E+00	1343	26	NA	indica
augustin-1 processed 3-12 mN-1	1	D4K490010100100.1	96.78	0.00E+00	1924	0.00E+00	0.00E+00	1402	128	NA	indica
augustin-1 processed 3-13 mN-1	1	D4K490010101100.1	96.78	0.00E+00	4261	0.00E+00	0.00E+00	1482	128	NA	indica
augustin-1 processed 3-14 mN-1	1	D4K490010102100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-15 mN-1	1	D4K490010103100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-16 mN-1	1	D4K490010104100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-17 mN-1	1	D4K490010105100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-18 mN-1	1	D4K490010106100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-19 mN-1	1	D4K490010107100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-20 mN-1	1	D4K490010108100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-21 mN-1	1	D4K490010109100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-22 mN-1	1	D4K490010110100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-23 mN-1	1	D4K490010111100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-24 mN-1	1	D4K490010112100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-25 mN-1	1	D4K490010113100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-26 mN-1	1	D4K490010114100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-27 mN-1	1	D4K490010115100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-28 mN-1	1	D4K490010116100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-29 mN-1	1	D4K490010117100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0	NA	indica
augustin-1 processed 3-30 mN-1	1	D4K490010118100.1	96.78	0.00E+00	1383	0.00E+00	0.00E+00	1295	0		

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maker-1-augustin-gene 502.12-mRNA-1	1	DNA489010010000.01.101	300.00	0.00E+00	991	On16g063500	99.82	0.00E+00	986	-5	NA	Japonia
maker-1-augustin-gene 502.13-mRNA-1	1	DNA48901001748000.01.101	93.55	0.00E+00	992	On16g063300	99.73	0.00E+00	980	-3	NA	Japonia
maker-1-augustin-gene 502.14-mRNA-1	1	DNA48901001748000.01.101	93.55	0.00E+00	993	On16g063300	99.73	0.00E+00	980	-3	NA	Japonia
maker-1-augustin-gene 502.15-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1001	On16g064000	99.82	0.00E+00	1005	-4	NA	Japonia
maker-1-augustin-gene 502.16-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	999	On16g064000	99.82	0.00E+00	999	-3	NA	Japonia
maker-1-augustin-gene 502.17-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1000	On16g064000	99.82	0.00E+00	1004	-4	NA	Japonia
maker-1-augustin-gene 502.18-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1002	On16g064000	99.82	0.00E+00	1006	-4	NA	Japonia
maker-1-augustin-gene 502.19-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1003	On16g064000	99.82	0.00E+00	1007	-4	NA	Japonia
maker-1-augustin-gene 502.20-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1004	On16g064000	99.82	0.00E+00	1008	-4	NA	Japonia
maker-1-augustin-gene 502.21-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1005	On16g064000	99.82	0.00E+00	1009	-4	NA	Japonia
maker-1-augustin-gene 502.22-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1006	On16g064000	99.82	0.00E+00	1010	-4	NA	Japonia
maker-1-augustin-gene 502.23-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1007	On16g064000	99.82	0.00E+00	1011	-4	NA	Japonia
maker-1-augustin-gene 502.24-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1008	On16g064000	99.82	0.00E+00	1012	-4	NA	Japonia
maker-1-augustin-gene 502.25-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1009	On16g064000	99.82	0.00E+00	1013	-4	NA	Japonia
maker-1-augustin-gene 502.26-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1010	On16g064000	99.82	0.00E+00	1014	-4	NA	Japonia
maker-1-augustin-gene 502.27-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1011	On16g064000	99.82	0.00E+00	1015	-4	NA	Japonia
maker-1-augustin-gene 502.28-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1012	On16g064000	99.82	0.00E+00	1016	-4	NA	Japonia
maker-1-augustin-gene 502.29-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1013	On16g064000	99.82	0.00E+00	1017	-4	NA	Japonia
maker-1-augustin-gene 502.30-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1014	On16g064000	99.82	0.00E+00	1018	-4	NA	Japonia
maker-1-augustin-gene 502.31-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1015	On16g064000	99.82	0.00E+00	1019	-4	NA	Japonia
maker-1-augustin-gene 502.32-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1016	On16g064000	99.82	0.00E+00	1020	-4	NA	Japonia
maker-1-augustin-gene 502.33-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1017	On16g064000	99.82	0.00E+00	1021	-4	NA	Japonia
maker-1-augustin-gene 502.34-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1018	On16g064000	99.82	0.00E+00	1022	-4	NA	Japonia
maker-1-augustin-gene 502.35-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1019	On16g064000	99.82	0.00E+00	1023	-4	NA	Japonia
maker-1-augustin-gene 502.36-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1020	On16g064000	99.82	0.00E+00	1024	-4	NA	Japonia
maker-1-augustin-gene 502.37-mRNA-1	1	DNA48901001748000.01.101	93.52	0.00E+00	1021	On16g064000	99.82	0.00E+00				

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maker-2-augustus-gene-262.11.mRNA-1	2	0x648490024381.01.102	99.60	0.00E+00	1304	0x02g0454900	100.00	0.00E+00	1298	54	NA	Japonesia
maker-2-augustus-gene-262.15.mRNA-1	2	0x648490024383.01.102	99.72	0.00E+00	1924	0x02g0454900	100.00	0.00E+00	1298	54	NA	Japonesia
maker-2-augustus-gene-262.16.mRNA-1	2	0x648490024384.01.102	99.72	0.00E+00	1924	0x02g0454900	100.00	0.00E+00	1298	54	NA	Japonesia
maker-2-augustus-gene-262.16.mRNA-2	2	0x648490024384.01.101	99.60	0.00E+00	1304	0x02g0454900	100.00	0.00E+00	1298	54	NA	Japonesia
maker-2-augustus-gene-262.24.mRNA-1	2	0x648490024385.01.101	99.42	1.13E-17	656	0x02g035333	100.00	1.39E-133	468	148	India	Japonesia
maker-2-augustus-gene-262.27.mRNA-1	2	0x64849002437900.01.101	99.29	0.00E+00	2996	0x02g0433066	99.33	0.00E+00	2646	350	India	Japonesia
maker-2-augustus-gene-262.28.mRNA-1	2	0x64849002437901.01.101	99.32	0.00E+00	2996	0x02g0433066	99.33	0.00E+00	2646	350	India	Japonesia
maker-2-augustus-gene-262.28.mRNA-2	2	0x64849002437901.01.102	99.32	0.00E+00	2996	0x02g0433066	99.33	0.00E+00	2646	350	India	Japonesia
maker-2-augustus-gene-262.34.mRNA-1	2	0x648490024386.01.101	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-1	2	0x648490024387.01.101	99.80	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-2	2	0x648490024387.01.102	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-3	2	0x648490024384.01.01.101	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-4	2	0x648490024384.01.01.102	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-5	2	0x648490024384.01.01.103	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-6	2	0x648490024384.01.01.104	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-7	2	0x648490024384.01.01.105	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-8	2	0x648490024384.01.01.106	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-9	2	0x648490024384.01.01.107	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-10	2	0x648490024384.01.01.108	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-11	2	0x648490024384.01.01.109	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-12	2	0x648490024384.01.01.110	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-13	2	0x648490024384.01.01.111	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-14	2	0x648490024384.01.01.112	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-15	2	0x648490024384.01.01.113	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-16	2	0x648490024384.01.01.114	99.76	0.00E+00	2802	0x02g033460	100.00	0.00E+00	690	5	NA	NA
maker-2-augustus-gene-262.37.mRNA-17	2	0x648490024384.01.01.11										

maker-2-augustus-gene-340.43-mRNA-1	2	DNA486004777.01.101	99.95	0.00E+00	1940	0.00E+00	100.00	0.00E+00	1993	32	NA	NA
maker-2-augustus-gene-340.43-mRNA-1	2	DNA486004778.01.101	99.96	0.00E+00	1833	0.00E+00	100.00	0.00E+00	2063	429	Japanica	NA
maker-2-augustus-gene-340.43-mRNA-1	2	DNA486004779.01.101	99.97	0.00E+00	1898	0.00E+00	100.00	0.00E+00	2194	281	Japanica	NA
maker-2-augustus-gene-340.43-mRNA-1	2	DNA486004780.01.101	99.98	0.00E+00	1921	0.00E+00	100.00	0.00E+00	2337	36	NA	NA
maker-2-augustus-gene-340.43-mRNA-1	2	DNA486004781.01.101	99.99	0.00E+00	1979	0.00E+00	100.00	0.00E+00	2507	49	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004803.01.101	99.70	0.00E+00	1827	0.00E+00	100.00	0.00E+00	1689	14	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004804.01.101	99.71	0.00E+00	2417	0.00E+00	100.00	0.00E+00	2630	13	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004805.01.101	99.72	0.00E+00	2450	0.00E+00	100.00	0.00E+00	2834	3	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004806.01.101	99.73	0.00E+00	2454	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004807.01.101	99.74	0.00E+00	2458	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004808.01.101	99.75	0.00E+00	2462	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004809.01.101	99.76	0.00E+00	2466	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004810.01.101	99.77	0.00E+00	2470	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004811.01.101	99.78	0.00E+00	2474	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004812.01.101	99.79	0.00E+00	2478	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004813.01.101	99.80	0.00E+00	2482	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004814.01.101	99.81	0.00E+00	2486	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004815.01.101	99.82	0.00E+00	2490	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004816.01.101	99.83	0.00E+00	2494	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004817.01.101	99.84	0.00E+00	2498	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004818.01.101	99.85	0.00E+00	2502	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004819.01.101	99.86	0.00E+00	2506	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004820.01.101	99.87	0.00E+00	2510	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004821.01.101	99.88	0.00E+00	2514	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004822.01.101	99.89	0.00E+00	2518	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004823.01.101	99.90	0.00E+00	2522	0.00E+00	100.00	0.00E+00	2834	0	NA	NA
maker-2-augustus-gene-341.1-mRNA-1	2	DNA486004824.01.101	99.91	0.00E+00	2526	0.00E+00	100.00	0.00E+00	2834	0	NA	NA

maker-2-augustus-gene-380.03.mRNA-1	2	0x48496000947A.01.T01	98.73	0.00E+00	1891	0x02a0060700	100.00	0.00E+00	1545	27	NA	Japanica	
maker-2-augustus-gene-380.04.mRNA-1	2	0x48496000947B.01.T01	98.53	0.00E+00	1111	0x02a0070000	99.89	0.00E+00	3918	54	NA	Japanica	Kinase TM
maker-2-augustus-gene-380.05.mRNA-1	2	0x48496000947C.01.T01	98.53	0.00E+00	1111	0x02a0070000	99.89	0.00E+00	3918	54	NA	Japanica	
maker-2-augustus-gene-381.04.mRNA-1	2	0x48496000947D.01.T01	97.16	0.00E+00	1992	0x02a0011200	82.31	0.00E+00	1687	102	NA	Japanica	
maker-2-augustus-gene-381.05.mRNA-1	2	0x48496000947E.01.T01	97.16	0.00E+00	2091	0x02a0011200	82.31	0.00E+00	1687	102	NA	Japanica	
maker-2-augustus-gene-381.06.mRNA-1	2	0x48496000947F.01.T01	97.16	0.00E+00	2091	0x02a0011200	82.31	0.00E+00	1687	102	NA	Japanica	
maker-2-augustus-gene-382.04.mRNA-1	2	0x484960009480.01.T01	99.67	0.00E+00	1888	0x02a0009100	100.00	0.00E+00	1597	7	NA	Japanica	
maker-2-augustus-gene-382.05.mRNA-1	2	0x484960009481.01.T01	99.72	0.00E+00	1888	0x02a0009100	100.00	0.00E+00	1597	7	NA	Japanica	
maker-2-augustus-gene-382.06.mRNA-1	2	0x484960009482.01.T01	99.72	0.00E+00	1888	0x02a0009100	100.00	0.00E+00	1597	7	NA	Japanica	
maker-2-augustus-gene-382.07.mRNA-1	2	0x484960009483.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.08.mRNA-1	2	0x484960009484.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.09.mRNA-1	2	0x484960009485.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.10.mRNA-1	2	0x484960009486.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.11.mRNA-1	2	0x484960009487.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.12.mRNA-1	2	0x484960009488.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.13.mRNA-1	2	0x484960009489.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.14.mRNA-1	2	0x484960009490.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.15.mRNA-1	2	0x484960009491.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.16.mRNA-1	2	0x484960009492.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.17.mRNA-1	2	0x484960009493.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.18.mRNA-1	2	0x484960009494.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.19.mRNA-1	2	0x484960009495.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.20.mRNA-1	2	0x484960009496.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.21.mRNA-1	2	0x484960009497.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA	Japanica	
maker-2-augustus-gene-382.22.mRNA-1	2	0x484960009498.01.T01	99.67	0.00E+00	1372	0x02a0010100	100.00	0.00E+00	1586	4	NA		

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agustina, marked 3 processed gene-482.11-mRNA-1	3	DkR49803707384.001.104	99.81	0.00E+00	2665	Ccag20683000	100.00	0.00E+00	2879	14	NA	japontia
agustina, marked 3 processed gene-482.15-mRNA-1	3	DkR498037384.001.104	100.00	0.00E+00	756	Ccag20683000	100.00	0.00E+00	756	0	NA	japontia
agustina, marked 3 processed gene-482.16-mRNA-1	3	DkR498037384.001.104	100.00	0.00E+00	1190	Ccag20683000	100.00	0.00E+00	1190	0	NA	japontia
agustina, marked 3 processed gene-483.03-mRNA-1	3	DkR498037091.001.101	99.92	0.00E+00	2141	Ccag20681100	100.00	0.00E+00	1363	22	NA	japontia
agustina, marked 3 processed gene-483.15-mRNA-1	3	DkR498037297.001.101	96.89	0.00E+00	2190	Ccag20684400	100.00	0.00E+00	2549	259	japontia	japontia
agustina, marked 3 processed gene-483.24-mRNA-1	3	DkR498037297.001.101	99.79	0.00E+00	871	Ccag20681100	100.00	0.00E+00	439	133	indica	indica
agustina, marked 3 processed gene-484.11-mRNA-1	3	DkR498037297.001.101	99.85	0.00E+00	1165	Ccag20681100	100.00	0.00E+00	1169	4	NA	japontia
agustina, marked 3 processed gene-484.23-mRNA-1	3	DkR498037297.001.101	99.73	0.00E+00	1165	Ccag20681100	100.00	0.00E+00	1169	4	NA	japontia
agustina, marked 3 processed gene-484.44-mRNA-1	3	DkR498037305.400.101	97.03	0.00E+00	3022	Ccag20682400	99.14	0.00E+00	3031	9	NA	japontia
agustina, marked 3 processed gene-485.11-mRNA-1	3	DkR498037305.400.101	99.79	0.00E+00	3022	Ccag20682400	99.14	0.00E+00	3031	9	NA	japontia
agustina, marked 3 processed gene-485.29-mRNA-1	3	DkR498037312.001.101	96.76	0.00E+00	847	Ccag20681900	100.00	0.00E+00	888	41	NA	japontia
agustina, marked 3 processed gene-485.48-mRNA-1	3	DkR498037312.001.101	100.00	0.00E+00	834	Ccag20681900	100.00	0.00E+00	834	0	NA	japontia
agustina, marked 3 processed gene-486.11-mRNA-1	3	DkR498037312.001.101	99.88	0.00E+00	4325	Ccag20681900	100.00	0.00E+00	4344	19	indica	indica
agustina, marked 3 processed gene-486.32-mRNA-1	3	DkR498037343.001.101	96.95	0.00E+00	2567	Ccag20684500	100.00	0.00E+00	3728	1161	japontia	NA
agustina, marked 3 processed gene-490.101-mRNA-1	3	DkR498037313.001.101	99.78	0.00E+00	2567	Ccag20684500	100.00	0.00E+00	3728	1161	japontia	NA
agustina, marked 3 processed gene-494.5-mRNA-1	3	DkR498037314.001.101	99.78	0.00E+00	2489	Ccag20684500	100.00	0.00E+00	2500	13	NA	japontia
agustina, marked 3 processed gene-494.6-mRNA-1	3	DkR498037314.001.101	99.78	0.00E+00	2489	Ccag20684500	100.00	0.00E+00	2500	13	NA	japontia
agustina, marked 3 processed gene-494.15-mRNA-1	3	DkR498037314.001.101	99.78	0.00E+00	2489	Ccag20684500	100.00	0.00E+00	2500	13	NA	japontia
agustina, marked 3 processed gene-494.38-mRNA-1	3	DkR498037314.001.101	99.78	0.00E+00	2489	Ccag20684500	100.00	0.00E+00	2500	13	NA	japontia
agustina, marked 3 processed gene-494.41-mRNA-1	3	DkR498037314.001.101	99.78	0.00E+00	2489	Ccag20684500	100.00	0.00E+00	2500	13	NA	japontia
agustina, marked 3 processed gene-494.41-mRNA-1	3	DkR498037314.001.101	99.78	0.00E+00	2489	Ccag20684500	100.00	0.00E+00	2500	13	NA	japontia
agustina, marked 3 processed gene-494.41-mRNA-1	3	DkR498037314.001.101	99.78	0.00E+00	2489	Ccag20684500	100.00	0.00E+00	2500	13	NA	japontia
agustina, marked 3 processed gene-494.41-mRNA-1	3	DkR498037314.001.101	99.78	0.00E+00	2489	Ccag20684500	100.00	0.00E+00	2500	13	NA	japontia
agustina, marked 3 processed gene-494.41-mRNA-1	3	DkR498037314.001.101	99.78	0.00E+00	2489	Ccag20684500	100.00	0.00E+00	2500	13	NA	japontia
agustina, marked 3 processed gene-494.41-mRNA-1	3	DkR498037314.001.101	99.78	0.00E+00	2489	Ccag20684500	100.00	0.00E+00	2500	13	NA	japontia
agustina, marked 3 processed gene-494.41-mRNA-1	3	DkR498037314.001.101	99.78	0.00E+00	2489	Ccag206845						

mukherjee-augustin gene-107-48-mRNA-1	3	DNAERR0009792.01.T61	88.95	0.00E+00	1366	OQ0G007040	88.42	0.00E+00	1215	F		NA	Japanica
mukherjee-augustin gene-107-48-mRNA-1	3	DNAERR0009793.01.T61	94.71	0.00E+00	1461	OQ0G007040	94.71	0.00E+00	3473	F	954	Japanica	Japanica
mukherjee-augustin gene-107-48-mRNA-1	3	DNAERR0009794.01.T61	99.75	0.00E+00	1461	OQ0G007040	99.75	0.00E+00	1215	F	954	Japanica	Japanica
mukherjee-augustin gene-107-59-mRNA-1	3	DNAERR0009795.01.T61	96.37	0.00E+00	1405	OQ0G006060	100.00	0.00E+00	2091	F	112	India	Japanica
mukherjee-augustin gene-107-59-mRNA-1	3	DNAERR0009796.01.T61	99.19	0.00E+00	2389	OQ0G008700	96.20	0.00E+00	895	F	318	India	Japanica
mukherjee-augustin gene-107-59-mRNA-1	3	DNAERR0009797.01.T61	97.98	0.00E+00	1738	OQ0G007860	97.11	0.00E+00	1140	F	112	India	Japanica
mukherjee-augustin gene-107-59-mRNA-1	3	DNAERR0009798.01.T61	99.53	0.00E+00	1187	OQ0G008100	100.00	0.00E+00	1562	F	15	NA	Japanica
mukherjee-augustin gene-107-59-mRNA-1	3	DNAERR0009799.01.T61	99.08	0.00E+00	1187	OQ0G008100	100.00	0.00E+00	1562	F	15	NA	Japanica
mukherjee-augustin gene-107-59-mRNA-1	3	DNAERR0009800.01.T61	99.53	0.00E+00	1187	OQ0G008100	100.00	0.00E+00	1562	F	15	NA	Japanica
mukherjee-augustin gene-108-20-mRNA-1	3	DNAERR0009801.01.T61	99.75	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-108-20-mRNA-1	3	DNAERR0009802.01.T61	99.71	0.00E+00	1889	OQ0G009400	100.00	0.00E+00	1873	F	14	NA	Japanica
mukherjee-augustin gene-108-20-mRNA-1	3	DNAERR0009803.01.T61	99.75	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-109-40-mRNA-1	3	DNAERR0009804.01.T61	99.58	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-109-40-mRNA-1	3	DNAERR0009805.01.T61	99.75	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-109-40-mRNA-1	3	DNAERR0009806.01.T61	99.58	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-109-40-mRNA-1	3	DNAERR0009807.01.T61	99.75	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-110-11-mRNA-1	3	DNAERR0009808.01.T61	99.58	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-110-11-mRNA-1	3	DNAERR0009809.01.T61	99.75	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-110-11-mRNA-1	3	DNAERR0009810.01.T61	99.58	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-110-11-mRNA-1	3	DNAERR0009811.01.T61	99.75	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-110-11-mRNA-1	3	DNAERR0009812.01.T61	99.58	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-110-11-mRNA-1	3	DNAERR0009813.01.T61	99.75	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-110-11-mRNA-1	3	DNAERR0009814.01.T61	99.58	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-110-11-mRNA-1	3	DNAERR0009815.01.T61	99.75	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-110-11-mRNA-1	3	DNAERR0009816.01.T61	99.58	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-110-11-mRNA-1	3	DNAERR0009817.01.T61	99.75	0.00E+00	1969	OQ0G009200	99.97	0.00E+00	1491	F	306	NA	Japanica
mukherjee-augustin gene-11													

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maker-3-augustus-gene-481-01-mRNA-1	3	DNA49960027840.01.101	100.00	0.00E+00	767	DNA268018400	100.00	0.00E+00	767	0	NA	Japonica	Japonica
maker-3-augustus-gene-482-01-mRNA-1	3	DNA49960027841.01.101	99.87	0.00E+00	1338	DNA268018800	100.00	0.00E+00	1347	849	NA	Japonica	Japonica
maker-3-augustus-gene-483-01-mRNA-1	3	DNA49960027842.01.101	99.96	0.00E+00	1338	DNA268018800	100.00	0.00E+00	1347	849	NA	Japonica	Japonica
maker-3-augustus-gene-484-01-mRNA-1	3	DNA49960027843.01.101	99.94	0.00E+00	921	DNA268019000	97.31	0.00E+00	948	27	NA	Japonica	NA
maker-3-augustus-gene-485-01-mRNA-1	3	DNA49960027844.01.101	99.96	0.00E+00	805	DNA268019200	100.00	0.00E+00	814	9	NA	Japonica	NA
maker-3-augustus-gene-486-01-mRNA-1	3	DNA49960027845.01.101	99.96	0.00E+00	1000	DNA268019400	97.96	0.00E+00	1008	8	NA	Japonica	NA
maker-3-augustus-gene-487-01-mRNA-1	3	DNA49960027846.01.101	100.00	0.00E+00	1104	DNA268019600	100.00	0.00E+00	1104	0	NA	Japonica	NA
maker-3-augustus-gene-488-01-mRNA-1	3	DNA49960027847.01.101	100.00	0.00E+00	1104	DNA268019600	100.00	0.00E+00	1104	0	NA	Japonica	NA
maker-3-augustus-gene-489-01-mRNA-1	3	DNA49960027848.01.101	99.89	0.00E+00	1719	DNA268019700	100.00	0.00E+00	1793	74	NA	Japonica	NA
maker-3-augustus-gene-490-01-mRNA-1	3	DNA49960027849.01.101	99.97	0.00E+00	1719	DNA268019700	100.00	0.00E+00	1793	74	NA	Japonica	NA
maker-3-augustus-gene-491-01-mRNA-1	3	DNA49960027850.01.101	100.00	0.00E+00	899	DNA268019900	100.00	0.00E+00	899	0	NA	Japonica	NA
maker-3-augustus-gene-492-01-mRNA-1	3	DNA49960027851.01.101	100.00	0.00E+00	2200	DNA268020000	100.00	0.00E+00	2246	46	NA	Japonica	NA
maker-3-augustus-gene-493-01-mRNA-1	3	DNA49960027852.01.101	100.00	0.00E+00	1124	DNA268020200	100.00	0.00E+00	1124	0	NA	Japonica	NA
maker-3-augustus-gene-494-01-mRNA-1	3	DNA49960027853.01.101	99.93	0.00E+00	2048	DNA268020300	100.00	0.00E+00	2057	9	NA	Japonica	NA
maker-3-augustus-gene-495-01-mRNA-1	3	DNA49960027854.01.101	99.93	0.00E+00	2048	DNA268020300	100.00	0.00E+00	2057	9	NA	Japonica	NA
maker-3-augustus-gene-496-01-mRNA-1	3	DNA49960027855.01.101	99.84	0.00E+00	3450	DNA268020500	100.00	0.00E+00	3463	13	NA	Japonica	NA
maker-3-augustus-gene-497-01-mRNA-1	3	DNA49960027856.01.101	99.97	0.00E+00	1435	DNA268020700	100.00	0.00E+00	1438	3	NA	Japonica	NA
maker-3-augustus-gene-498-01-mRNA-1	3	DNA49960027857.01.101	99.97	0.00E+00	1435	DNA268020700	100.00	0.00E+00	1438	3	NA	Japonica	NA
maker-3-augustus-gene-499-01-mRNA-1	3	DNA49960027858.01.101	99.94	0.00E+00	1388	DNA268021000	100.00	0.00E+00	1397	9	NA	Japonica	NA
maker-3-augustus-gene-500-01-mRNA-1	3	DNA49960027859.01.101	99.92	0.00E+00	928	DNA268021200	100.00	0.00E+00	938	5	NA	Japonica	NA
maker-3-augustus-gene-501-01-mRNA-1	3	DNA49960027860.01.101	99.93	0.00E+00	3516	DNA268021400	100.00	0.00E+00	3527	11	NA	Japonica	NA
maker-3-augustus-gene-502-01-mRNA-1	3	DNA49960027861.01.101	99.93	0.00E+00	3516	DNA268021400	100.00	0.00E+00	3527	11	NA	Japonica	NA
maker-3-augustus-gene-503-01-mRNA-1	3	DNA49960027862.01.101	99.92	0.00E+00	2653	DNA268021600	100.00	0.00E+00	2658	5	NA	Japonica	NA
maker-3-augustus-gene-504-01-mRNA-1	3	DNA49960027863.01.101	99.93	0.00E+00	2653	DNA268021600	100.00	0.00E+00	2658	5	NA	Japonica	NA
maker-3-augustus-gene-505-01-mRNA-1	3	DNA49960027864.01.101	99.93	0.00E+00	1581	DNA268021800	100.00	0.00E+00	1581	0	NA	Japonica	NA
maker-3-augustus-gene-506-01-mRNA-1	3	DNA49960027865.01.101	99.93	0.00E+00	1581	DNA268021800	100.00	0.00E+00	1581	0	NA	Japonica	NA
maker-3-augustus-gene-507-01-mRNA-1	3	DNA49960027866.01.101	99.87	0.00E+00	3023	DNA268021900	99.82	0.00E+00	3028	5	NA	Japonica	NA
maker-3-augustus-gene-508-01-mRNA-1	3	DNA49960027867.01.101	99.73	0.00E+00	2880	DNA268022000	99.74	0.00E+00	2884	4	NA	Japonica	NA
maker-3-augustus-gene-509-01-mRNA-1	3	DNA49960027868.01.101	100.00	0.00E+00	1981	DNA268022100	100.00	0.00E+00	1981	0	NA	Japonica	NA
maker-3-augustus-gene-510-01-mRNA-1	3	DNA49960027869.01.101	99.92	0.00E+00	2216	DNA268022200	99.92	0.00E+00	2216	0	NA	Japonica	NA
maker-3-augustus-gene-511-01-mRNA-1	3	DNA49960027870.01.101	99.92	0.00E+00	1693	DNA268022300	99.88	0.00E+00	1693	38	NA	Japonica	NA
maker-3-augustus-gene-512-01-mRNA-1	3	DNA49960027871.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-513-01-mRNA-1	3	DNA49960027872.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-514-01-mRNA-1	3	DNA49960027873.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-515-01-mRNA-1	3	DNA49960027874.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-516-01-mRNA-1	3	DNA49960027875.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-517-01-mRNA-1	3	DNA49960027876.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-518-01-mRNA-1	3	DNA49960027877.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-519-01-mRNA-1	3	DNA49960027878.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-520-01-mRNA-1	3	DNA49960027879.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-521-01-mRNA-1	3	DNA49960027880.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-522-01-mRNA-1	3	DNA49960027881.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-523-01-mRNA-1	3	DNA49960027882.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-524-01-mRNA-1	3	DNA49960027883.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-525-01-mRNA-1	3	DNA49960027884.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-526-01-mRNA-1	3	DNA49960027885.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-527-01-mRNA-1	3	DNA49960027886.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-528-01-mRNA-1	3	DNA49960027887.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-529-01-mRNA-1	3	DNA49960027888.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-530-01-mRNA-1	3	DNA49960027889.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-531-01-mRNA-1	3	DNA49960027890.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-532-01-mRNA-1	3	DNA49960027891.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-533-01-mRNA-1	3	DNA49960027892.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-534-01-mRNA-1	3	DNA49960027893.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-535-01-mRNA-1	3	DNA49960027894.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-536-01-mRNA-1	3	DNA49960027895.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-537-01-mRNA-1	3	DNA49960027896.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-538-01-mRNA-1	3	DNA49960027897.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-539-01-mRNA-1	3	DNA49960027898.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-540-01-mRNA-1	3	DNA49960027899.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-541-01-mRNA-1	3	DNA49960027900.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-542-01-mRNA-1	3	DNA49960027901.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-543-01-mRNA-1	3	DNA49960027902.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-544-01-mRNA-1	3	DNA49960027903.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-545-01-mRNA-1	3	DNA49960027904.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-546-01-mRNA-1	3	DNA49960027905.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-547-01-mRNA-1	3	DNA49960027906.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-548-01-mRNA-1	3	DNA49960027907.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-549-01-mRNA-1	3	DNA49960027908.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-550-01-mRNA-1	3	DNA49960027909.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-551-01-mRNA-1	3	DNA49960027910.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-552-01-mRNA-1	3	DNA49960027911.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-553-01-mRNA-1	3	DNA49960027912.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-554-01-mRNA-1	3	DNA49960027913.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-555-01-mRNA-1	3	DNA49960027914.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japonica	NA
maker-3-augustus-gene-556-01-mRNA-1	3	DNA49960027915.01.101	99.88	0.00E+00	1479	DNA268022400	100.00	0.00E+00	1483	4	NA	Japon	

maker 1 augustine gsm 82.50 mNMA-1	3	D4K4980305014000.01.102	99.79	0.00E+00	3429	D5G026290300	00036	0.00E+00	2516	-713	indica	NA
maker 2 augustine gsm 82.24 mNMA-1	3	D4K498030414000.01.102	99.81	0.00E+00	929	D5G026290300	00036	0.00E+00	935	6	NA	NA
maker 3 augustine gsm 82.11 mNMA-1	3	D4K498030314000.01.102	99.83	0.00E+00	1019	D5G026290300	00036	0.00E+00	2159	0	NA	NA
maker 4 augustine gsm 82.1 mNMA-1	3	D4K498030214000.01.102	99.64	0.00E+00	4974	D5G026290300	00036	0.00E+00	4626	-348	NA	Japanica
maker 5 augustine gsm 82.1 mNMA-1	3	D4K49803015100.01.101	99.43	0.00E+00	2191	D5G026290300	00036	0.00E+00	2200	0	NA	Japanica
maker 6 augustine gsm 82.0 mNMA-1	3	D4K498030015100.01.101	99.86	0.00E+00	894	D5G026290300	00036	0.00E+00	775	136	indica	Japanica
maker 7 augustine gsm 82.0 mNMA-1	3	D4K49803021800.01.102	99.81	0.00E+00	950	D5G026290300	00036	0.00E+00	955	5	NA	Japanica
maker 8 augustine gsm 82.0 mNMA-1	3	D4K4980301200.01.102	99.75	0.00E+00	1177	D5G026290300	00036	0.00E+00	1002	0	NA	Japanica
maker 9 augustine gsm 84.48 mNMA-1	3	D4K49803042490.01.102	99.85	0.00E+00	1289	D5G026290300	00036	0.00E+00	1153	264	Japanica	Japanica
maker 10 augustine gsm 84.48 mNMA-1	3	D4K49803032490.01.102	99.83	0.00E+00	1289	D5G026290300	00036	0.00E+00	1153	264	Japanica	Japanica
maker 11 augustine gsm 84.5 mNMA-1	3	D4K49803052490.01.102	99.87	0.00E+00	1482	D5G026290300	00036	0.00E+00	1407	5	NA	Japanica
maker 12 augustine gsm 84.5 mNMA-1	3	D4K49803042490.01.101	99.81	0.00E+00	1847	D5G026290300	00036	0.00E+00	1856	9	NA	Japanica
maker 13 augustine gsm 84.5 mNMA-1	3	D4K49803032490.01.101	99.83	0.00E+00	1847	D5G026290300	00036	0.00E+00	1856	9	NA	Japanica
maker 14 augustine gsm 84.5 mNMA-1	3	D4K49803022490.01.101	99.73	0.00E+00	2287	D5G026290300	00036	0.00E+00	2318	29	NA	Japanica
maker 15 augustine gsm 84.5 mNMA-1	3	D4K49803012490.01.101	99.84	0.00E+00	2287	D5G026290300	00036	0.00E+00	2318	29	NA	Japanica
maker 16 augustine gsm 86.33 mNMA-1	3	D4K498030547300.01.102	99.84	0.00E+00	2242	D5G026290300	00036	0.00E+00	2251	9	NA	Japanica
maker 17 augustine gsm 86.33 mNMA-1	3	D4K498030447300.01.102	99.84	0.00E+00	2242	D5G026290300	00036	0.00E+00	2251	9	NA	Japanica
maker 18 augustine gsm 86.33 mNMA-1	3	D4K498030347300.01.102	99.78	0.00E+00	1736	D5G026290300	00036	0.00E+00	1734	28	NA	Japanica
maker 19 augustine gsm 86.33 mNMA-1	3	D4K498030247300.01.101	99.89	0.00E+00	3184	D5G026290300	00036	0.00E+00	3193	9	NA	Japanica
maker 20 augustine gsm 86.33 mNMA-1	3	D4K498030147300.01.101	99.79	0.00E+00	3184	D5G026290300	00036	0.00E+00	3193	9	NA	Japanica
maker 21 augustine gsm 86.33 mNMA-1	3	D4K49803053630.01.102	100.00	0.00E+00	4.49E+137	D5G026290300	00036	1.54E+137	488	0	NA	Japanica
maker 22 augustine gsm 86.33 mNMA-1	3	D4K49803043630.01.102	99.79	0.00E+00	1.47E+137	D5G026290300	00036	1.54E+137	488	0	NA	Japanica
maker 23 augustine gsm 86.33 mNMA-1	3	D4K49803033630.01.102	99.51	0.00E+00	1084	D5G026290300	00036	0.00E+00	1099	17	NA	Japanica
maker 24 augustine gsm 86.33 mNMA-1	3	D4K49803023630.01.102	99.63	0.00E+00	2546	D5G026290300	00036	0.00E+00	2554	1194	indica	Japanica
maker 25 augustine gsm 86.33 mNMA-1	3	D4K49803013630.01.102	99.94	0.00E+00	3048	D5G026290300	00036	0.00E+00	3052	4	NA	Japanica
maker 26 augustine gsm 86.33 mNMA-1	3	D4K498030549270.01.102	100.00	0.00E+00	1878	D5G026290300	00036	0.00E+00	1878	0	NA	Japanica
maker 27 augustine gsm 86.33 mNMA-1	3	D4K498030449270.01.102	100.00	0.00E+00	1.47E+137	D5G026290300	00036	1.54E+137	1878	0	NA	Japanica
maker 28 augustine gsm 86.33 mNMA-1	3	D4K498030349270.01.102	99.84	0.00E+00	2184	D5G026290300	00036	0.00E+00	2203	9	NA	Japanica
maker 29 augustine gsm 86.33 mNMA-1	3	D4K498030249270.01.101	99.83	0.00E+00	4234	D5G026290300	00036	0.00E+00	4252	18	NA	Japanica
maker 30 augustine gsm 86.33 mNMA-1	3	D4K498030149270.01.101	99.58	0.00E+00	3944	D5G026290300	00036	0.00E+00	3953	9	NA	Japanica
maker 31 augustine gsm 86.33 mNMA-1	3	D4K498030544440.01.102	99.87	0.00E+00	1343	D5G026290300	00036	0.00E+00	1348	5	NA	Japanica
maker 32 augustine gsm 86.33 mNMA-1	3	D4K49803044440.01.102	99.73	0.00E+00	1913	D5G026290300	00036	0.00E+00	1911	0	NA	Japanica
maker 33 augustine gsm 86.33 mNMA-1	3	D4K498030344440.01.102	99.82	0.00E+00	1950	D5G026290300	00036	0.00E+00	1959	9	NA	Japanica
maker 34 augustine gsm 86.33 mNMA-1	3	D4K498030244440.01.101	99.73	0.00E+00	2128	D5G026290300	00036	0.00E+00	2138	0	NA	Japanica
maker 35 augustine gsm 86.33 mNMA-1	3	D4K498030144440.01.101	99.73	0.00E+00	2839	D5G026290300	00036	0.00E+00	2837	18	NA	Japanica
maker 36 augustine gsm 87.7 mNMA-1	3	D4K498030549270.01.102	99.68	1.26E-136	134	D5G026290300	00036	1.00E-136	136	0	NA	Japanica
maker 37 augustine gsm 87.7 mNMA-1	3	D4K498030449270.01.101	99.78	0.00E+00	134	D5G026290300	00036	1.00E-136	136	0	NA	Japanica
maker 38 augustine gsm 87.7 mNMA-1	3	D4K498030349270.01.101	99.61	0.00E+00	3057	D5G026290300	00036	0.00E+00	3059	22	NA	Japanica
maker 39 augustine gsm 87.7 mNMA-1	3	D4K498030249270.01.101	99.73	0.00E+00	3057	D5G026290300	00036	0.00E+00	3059	22	NA	Japanica
maker 40 augustine gsm 87.7 mNMA-1	3	D4K498030149270.01.101	99.73	0.00E+00	1418	D5G026290300	00036	0.00E+00	1447	9	NA	Japanica
maker 41 augustine gsm 87.7 mNMA-1	3	D4K498030543630.01.102	99.84	0.00E+00	1418	D5G026290300	00036	0.00E+00	1447	9	NA	Japanica
maker 42 augustine gsm 87.7 mNMA-1	3	D4K49803043630.01.102	99.94	0.00E+00	2923	D5G026290300	00036	0.00E+00	2938	5	NA	Japanica
maker 43 augustine gsm 87.7 mNMA-1	3	D4K49803033630.01.102	99.84	0.00E+00	4487	D5G026290300	00036	0.00E+00	4498	18	NA	Japanica
maker 44 augustine gsm 87.7 mNMA-1	3	D4K49803023630.01.102	99.84	0.00E+00	4487	D5G026290300	00036	0.00E+00	4498	18	NA	Japanica
maker 45 augustine gsm 87.7 mNMA-1	3	D4K49803013630.01.102	99.72	0.00E+00	1930	D5G026290300	00036	0.00E+00	1934	14	NA	Japanica
maker 46 augustine gsm 88.7 mNMA-1	3	D4K498030549270.01.102	99.88	0.00E+00	1930	D5G026290300	00036	0.00E+00	1934	14	NA	Japanica
maker 47 augustine gsm 88.7 mNMA-1	3	D4K498030449270.01.101	99.73	0.00E+00	2845	D5G026290300	00036	0.00E+00	2897	52	NA	Japanica
maker 48 augustine gsm 88.7 mNMA-1	3	D4K498030349270.01.101	99.73	0.00E+00	2845	D5G026290300	00036	0.00E+00	2897	52	NA	Japanica
maker 49 augustine gsm 88.7 mNMA-1	3	D4K498030249270.01.101	99.88	0.00E+00	1333	D5G026290300	00036	0.00E+00	1337	4	NA	Japanica
maker 50 augustine gsm 88.7 mNMA-1	3	D4K498030149270.01.101	99.73	0.00E+00	662	D5G026290300	00036	0.00E+00	774	112	NA	Japanica
maker 51 augustine gsm 89.3 mNMA-1	3	D4K498030543630.01.102	99.84	0.00E+00	958	D5G026290300	00036	0.00E+00	959	0	NA	Japanica
maker 52 augustine gsm 89.3 mNMA-1	3	D4K49803043630.01.102	99.80	0.00E+00	958	D5G026290300	00036	0.00E+00	952	4	NA	Japanica
maker 53 augustine gsm 89.3 mNMA-1	3	D4K49803033630.01.102	99.90	0.00E+00	3499	D5G026290300	00036	0.00E+00	3508	9	NA	Japanica
maker 54 augustine gsm 89.3 mNMA-1	3	D4K49803023630.01.102	99.80	0.00E+00	1748	D5G026290300	00036	0.00E+00	1748	0	NA	Japanica
maker 55 augustine gsm 89.3 mNMA-1	3	D4K49803013630.01.102	100.00	0.00E+00	1880	D5G026290300	00036	0.00E+00	1881	1389	indica	Japanica
maker 56 augustine gsm 90.3 mNMA-1	3	D4K498030541490.01.102	99.67	0.00E+00	1097	D5G026290300	00036	0.00E+00	1106	9	NA	Japanica
maker 57 augustine gsm 90.3 mNMA-1	3	D4K49803041490.01.102	99.67	0.00E+00	1097	D5G026290300	00036	0.00E+00	1106	9	NA	Japanica
maker 58 augustine gsm 90.3 mNMA-1	3	D4K49803031490.01.102	99.63	0.00E+00	3388	D5G026290300	00036	0.00E+00	3411	23	NA	Japanica
maker 59 augustine gsm 90.3 mNMA-1	3	D4K49803021490.01.101	99.63	0.00E+00	2030	D5G026290300	00036	0.00E+00	2030	0	NA	Japanica
maker 60 augustine gsm 90.3 mNMA-1	3	D4K4980301490.01.101	100.00	0.00E+00	2750	D5G026290300	00036	0.00E+00	2759	2021	indica	Japanica
maker 61 augustine gsm 91.0 mNMA-1	3	D4K498030543630.01.102	100.00	0.00E+00	3036	D5G026290300	00036	0.00E+00	3036	0	NA	Japanica
maker 62 augustine gsm 91.0 mNMA-1	3	D4K49803043630.01.102	100.00	0.00E+00	3036	D5G026290300	00036	0.00E+00	3036	0	NA	Japanica
maker 63 augustine gsm 91.0 mNMA-1	3	D4K49803033630.01.102	100.00	0.00E+00	2425	D5G026290300	00036	0.00E+00	2425	0	NA	Japanica
maker 64 augustine gsm 91.0 mNMA-1	3	D4K49803023630.01.102	100.00	0.00E+00	758	D5G026290300	00036	0.00E+00	758	0	NA	Japanica
maker 65 augustine gsm 91.0 mNMA-1	3	D4K49803013630.01.102	100.00	0.00E+00	3523	D5G026290300	00036	0.00E+00	3523	0	NA	Japanica
maker 66 augustine gsm 91.0 mNMA-1	3	D4K498030543630.01.102	99.63	0.00E+00	1900	D5G026290300	00036	0.00E+00	1900	0	NA	Japanica
maker 67 augustine gsm 91.0 mNMA-1	3	D4K49803043630.01.102	100.00	0.00E+00	1900	D5G026290300	00036	0.00E+00	1900	0	NA	Japanica
maker 68 augustine gsm 91.0 mNMA-1	3	D4K49803033630.01.102	100.00	0.00E+00	2030	D5G026290300	00036	0.00E+00	2030	0	NA	Japanica
maker 69 augustine gsm 91.0 mNMA-1	3	D4K49803023630.01.102	100.00	0.00E+00	2030	D5G026290300	00036	0.00E+00	2030	0	NA	Japanica
maker 70 augustine gsm 91.0 mNMA-1	3	D4K49803013630.01.102	100.00	0.00E+00	2030	D5G026290300	00036	0.00E+00	2030	0	NA	Japanica
maker 71 augustine gsm 91.0 mNMA-1	3	D4K498030543630.01.102	100.00	0.00E+00	2750	D5G026290300	00036	0.00E+00	2759	2021	indica	Japanica
maker 72 augustine gsm 91.0 mNMA-1	3	D4K49803043630.01.102	100.00	0.00E+00	3036	D5G026290300	00036	0.00E+00	3036	0	NA	Japanica
maker 73 augustine gsm 91.0 mNMA-1	3	D4K49803033630.01.102	100.00	0.00E+00	3036	D5G026290300	00036	0.00E+00	3036	0	NA	Japanica
maker 74 augustine gsm 91.0 mNMA-1	3	D4K49803023630.01.102	100.00	0.00E+00	2425	D5G026290300	00036	0.00E+00	2425	0	NA	Japanica
maker 75 augustine gsm 91.0 mNMA-1	3	D4K49803013630.01.102	100.00	0.00E+00	758	D5G026290300	00036	0.00E+00	758	0	NA	Japanica
maker 76 augustine gsm 91.0 mNMA-1	3	D4K498030543630.01.102	100.00	0.00E+00	3523	D5G026290300	00036	0.00E+00	3523	0	NA	Japanica
maker 77 augustine gsm 91.0 mNMA-1	3	D4K49803043630.01.102	100.00	0.00E+00	3523	D5G026290300	00036	0.00E+00	3523	0	NA	Japanica
maker 78 augustine gsm 91.0 mNMA-1	3	D4K49803033630.01.102	100.00	0.00E+00	1900	D5G026290300	00036	0.00E+00	1900	0	NA	Japanica
maker 79 augustine gsm 91.0 mNMA												

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maker-4-augustin-285.19-mb1-1	4	0x48f896040428-01-102	99.83	0.00E+00	3367	0x060460200	99.95	0.00E+00	3364	27	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040430-01-102	100.00	0.00E+00	3420	0x060460300	100.00	0.00E+00	3420	0	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040432-01-102	99.81	0.00E+00	3420	0x060460400	99.98	0.00E+00	3420	150	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040434-01-102	99.62	0.00E+00	651	0x060462000	94.87	1.18E-130	3958	53	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040436-01-102	99.86	0.00E+00	3916	0x060464000	100.00	0.00E+00	3916	18	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040438-01-102	99.83	0.00E+00	1808	0x060466000	100.00	0.00E+00	1808	27	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040440-01-102	99.89	0.00E+00	1383	0x060468000	100.00	0.00E+00	1383	5	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040442-01-102	99.81	0.00E+00	1041	0x060470000	100.00	0.00E+00	1041	18	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040444-01-102	99.83	0.00E+00	979	0x060472000	99.85	0.00E+00	979	18	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040446-01-102	100.00	0.00E+00	1944	0x060480000	100.00	0.00E+00	1948	4	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040448-01-102	100.00	0.00E+00	1049	0x060490000	100.00	0.00E+00	1049	43	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040450-01-102	99.73	0.00E+00	954	0x060492000	99.42	0.00E+00	958	338	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040452-01-102	100.00	0.00E+00	2444	0x060494000	100.00	0.00E+00	2444	3	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040454-01-102	100.00	0.00E+00	2544	0x060496000	100.00	0.00E+00	2548	412	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040456-01-102	100.00	0.00E+00	1413	0x060498000	99.87	0.00E+00	1416	3	NA	India
maker-4-augustin-285.19-mb1-1	4	0x48f896040458-01-102	99.83	0.00E+00	1444	0x060499000	100.00	0.00E+00	1444	2	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040460-01-102	100.00	0.00E+00	7468	0x060500000	99.48	8.18E-139	491	25	NA	India
maker-4-augustin-285.19-mb1-1	4	0x48f896040462-01-102	99.48	0.00E+00	964	0x060502000	99.88	0.00E+00	964	15	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040464-01-102	74.79	0.00E+00	761	0x060504000	97.88	0.00E+00	706	55	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040466-01-102	100.00	0.00E+00	2289	0x060506000	99.92	0.00E+00	2289	4	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040468-01-102	100.00	0.00E+00	1849	0x060508000	100.00	0.00E+00	1849	0	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040470-01-102	99.92	0.00E+00	2296	0x060510000	100.00	0.00E+00	2299	4	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040472-01-102	100.00	0.00E+00	1389	0x060512000	100.00	0.00E+00	1389	0	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040474-01-102	100.00	0.00E+00	1530	0x060514000	100.00	0.00E+00	1530	0	NA	Japonya
maker-4-augustin-285.19-mb1-1	4	0x48f896040476-01-102	99.75	0.00E+00	1053	0x060516000	99.81	0.00E+00	1053	1	NA	India
maker-4-augustin-285.19-mb1-1	4	0x48f896040478-01-102	100.00	0.00E+00	3205	0x060522000	99.82</					

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maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	100.00	0.00E+00	15007	D26D97051000	90.00	0.00E+00	15007	0	NA	NA
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	100.00	0.00E+00	17599	D26D97051000	90.00	0.00E+00	15007	0	NA	NA
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.76	0.00E+00	808	D26D97051000	90.00	0.00E+00	808	0	NA	NA
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.76	0.00E+00	1217	D26D97051000	90.00	0.00E+00	1217	0	NA	NA
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.47	0.00E+00	1339	D26D97051000	90.00	0.00E+00	1302	-137	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.28	0.00E+00	1718	D26D97051000	90.00	0.00E+00	1801	83	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.63	0.00E+00	1114	D26D97051000	90.00	0.00E+00	1128	14	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.63	0.00E+00	1449	D26D97051000	90.00	0.00E+00	1500	50	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.90	0.00E+00	1887	D26D97051000	90.00	0.00E+00	1887	0	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.70	0.00E+00	1981	D26D97051000	90.00	0.00E+00	1983	-18	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.70	0.00E+00	2000	D26D97051000	90.00	0.00E+00	2000	0	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.87	0.00E+00	2738	D26D97051000	90.00	0.00E+00	2739	4	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.83	0.00E+00	1785	D26D97051000	90.00	0.00E+00	1785	0	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.48	0.00E+00	3317	D26D97051000	90.00	0.00E+00	3351	34	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.53	0.00E+00	1678	D26D97051000	90.00	0.00E+00	1678	0	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.92	0.00E+00	2383	D26D97051000	90.00	0.00E+00	2399	116	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.09	0.00E+00	2311	D26D97051000	90.00	0.00E+00	2311	0	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.94	0.00E+00	2252	D26D97051000	90.00	0.00E+00	2252	0	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.94	0.00E+00	1738	D26D97051000	90.00	0.00E+00	1835	97	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.27	0.00E+00	1718	D26D97051000	90.00	0.00E+00	1824	106	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.28	7.27E-18	489	D26D97051000	90.00	4.88E-14	499	10	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.94	0.00E+00	1613	D26D97051000	90.00	0.00E+00	1613	0	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.49	0.00E+00	704	D26D97051000	90.00	0.00E+00	1287	585	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.84	0.00E+00	2500	D26D97051000	90.00	0.00E+00	2500	0	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7	D8A49B027143480A.05.102	99.71	0.00E+00	3062	D26D97051000	90.00	0.00E+00	3062	0	NA	indica
maker 7 augustus 201 24.01 mBnA-1	7</											

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maker 8-augustin-gene-221.32-nbRNA-1	8	0484R08R01414460.01.T01	95.86	0.00E+00	1666	0.00E+00	99.21	0.00E+00	1781	115	NA	NA	
maker 8-augustin-gene-221.33-nbRNA-1	8	0484R08R01414460.01.T01	95.86	0.00E+00	1380	0.00E+00	99.21	0.00E+00	1981	114	665	Japanica	
maker 8-augustin-gene-221.34-nbRNA-1	8	0484R08R01414460.01.T01	96.14	0.00E+00	1939	0.00E+00	99.74	0.00E+00	1814	123	NA	India	
maker 8-augustin-gene-224.43-nbRNA-1	8	0484R08R01414460.01.T01	95.86	0.00E+00	1008	0.00E+00	99.74	0.00E+00	2008	200	NA	NA	
maker 8-augustin-gene-224.44-nbRNA-1	8	0484R08R01414460.01.T01	95.74	0.00E+00	1008	0.00E+00	99.74	0.00E+00	1988	142	NA	India	
maker 8-augustin-gene-225.48-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1317	0.00E+00	99.73	0.00E+00	1700	27	NA	India	
maker 8-augustin-gene-225.49-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1008	0.00E+00	99.73	0.00E+00	1971	4	NA	India	
maker 8-augustin-gene-225.49-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1317	0.00E+00	99.73	0.00E+00	1680	4	NA	NA	
maker 8-augustin-gene-226.43-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1008	0.00E+00	99.73	0.00E+00	1971	38	NA	India	
maker 8-augustin-gene-226.44-nbRNA-1	8	0484R08R01414460.01.T01	99.89	0.00E+00	1919	0.00E+00	99.89	0.00E+00	1904	147	NA	India	
maker 8-augustin-gene-227.03-nbRNA-1	8	0484R08R01414460.01.T01	99.89	0.00E+00	2397	0.00E+00	99.89	0.00E+00	2042	1	NA	Japanica	
maker 8-augustin-gene-227.04-nbRNA-1	8	0484R08R01414460.01.T01	99.89	0.00E+00	972	0.00E+00	99.89	0.00E+00	1971	2	NA	India	
maker 8-augustin-gene-228.34-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1317	0.00E+00	99.73	0.00E+00	2761	5	NA	India	
maker 8-augustin-gene-228.35-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1008	0.00E+00	99.73	0.00E+00	1971	0	NA	India	
maker 8-augustin-gene-228.40-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	2304	0.00E+00	99.73	0.00E+00	2761	9	NA	India	
maker 8-augustin-gene-228.41-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1008	0.00E+00	99.73	0.00E+00	1971	0	NA	India	
maker 8-augustin-gene-228.42-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1317	0.00E+00	99.73	0.00E+00	1971	0	NA	India	
maker 8-augustin-gene-228.43-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1008	0.00E+00	99.73	0.00E+00	1971	0	NA	India	
maker 8-augustin-gene-228.44-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1008	0.00E+00	99.73	0.00E+00	1971	0	NA	India	
maker 8-augustin-gene-228.45-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1008	0.00E+00	99.73	0.00E+00	1971	0	NA	India	
maker 8-augustin-gene-228.46-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1008	0.00E+00	99.73	0.00E+00	1971	0	NA	India	
maker 8-augustin-gene-228.47-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1008	0.00E+00	99.73	0.00E+00	1971	0	NA	India	
maker 8-augustin-gene-228.48-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1008	0.00E+00	99.73	0.00E+00	1971	0	NA	India	
maker 8-augustin-gene-228.49-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1008	0.00E+00	99.73	0.00E+00	1971	0	NA	India	
maker 8-augustin-gene-228.50-nbRNA-1	8	0484R08R01414460.01.T01	99.73	0.00E+00	1008	0.00E+00	99.73	0.00E+00	1971	0	NA	India	
maker 8-augustin-gene-228.51-nbRNA-1	8	0484R08R01414460.											

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augustinus 9 processed 194.10 mnm-1	9	DakR0090176320.01.101	98.70	0.00E+00	3293	Ov0p0040000	100.00	0.00E+00	2300	27	NA	apocrita
augustinus 9 processed 197.20 mnm-1	9	DakR0090176320.01.101	98.84	0.00E+00	3065	Ov0p0124200	99.14	0.00E+00	3096	31	NA	apocrita
augustinus 9 processed 198.10 mnm-1	9	DakR0090176320.01.101	99.00	0.00E+00	3000	Ov0p0124200	99.00	0.00E+00	3137	30	NA	apocrita
augustinus 9 processed 207.21 mnm-1	9	DakR00901763180.01.101	99.39	0.00E+00	1381	Ov0p0134800	99.39	0.00E+00	1381	0	NA	NA
augustinus 9 processed 214.14 mnm-1	9	DakR0090176320.01.101	99.48	0.00E+00	1862	Ov0p0134800	99.48	0.00E+00	1862	0	NA	apocrita
augustinus 9 processed 214.19 mnm-1	9	DakR0090176320.01.101	99.58	0.00E+00	2228	Ov0p0140500	99.58	0.00E+00	2228	18	NA	apocrita
augustinus 9 processed 214.52 mnm-1	9	DakR0090176320.01.101	98.82	0.00E+00	1892	Ov0p0140800	98.82	0.00E+00	1744	282	apocrita	apocrita
augustinus 9 processed 214.55 mnm-1	9	DakR0090176320.01.101	99.00	0.00E+00	1892	Ov0p0140800	99.00	0.00E+00	1744	282	apocrita	apocrita
augustinus 9 processed 215.21 mnm-1	9	DakR0090176320.01.101	99.44	0.00E+00	2799	Ov0p0140800	99.44	0.00E+00	2799	54	NA	NA
augustinus 9 processed 215.37 mnm-1	9	DakR0090176320.01.101	99.44	0.00E+00	2799	Ov0p0140800	99.44	0.00E+00	2799	54	NA	apocrita
augustinus 9 processed 217.23 mnm-1	9	DakR0090176320.01.101	100.00	0.00E+00	793	Ov0p0142800	100.00	1.92E+29	793	325	indica	NA
augustinus 9 processed 217.46 mnm-1	9	DakR0090176320.01.101	100.00	0.00E+00	789	Ov0p0142800	100.00	0.00E+00	789	0	NA	NA
augustinus 9 processed 217.74 mnm-1	9	DakR0090176320.01.101	100.00	0.00E+00	789	Ov0p0142800	100.00	0.00E+00	789	0	NA	NA
augustinus 9 processed 217.79 mnm-1	9	DakR0090176320.01.101	100.00	0.00E+00	789	Ov0p0142800	100.00	0.00E+00	789	0	NA	indica
augustinus 9 processed 217.80 mnm-1	9	DakR0090176320.01.101	100.00	0.00E+00	789	Ov0p0142800	100.00	0.00E+00	789	0	NA	indica
augustinus 9 processed 218.77 mnm-1	9	DakR0090176320.01.101	100.00	0.00E+00	664	Ov0p0151000	100.00	0.00E+00	664	298	apocrita	apocrita
augustinus 9 processed 219.21 mnm-1	9	DakR0090176320.01.101	100.00	0.00E+00	1862	Ov0p0151000	100.00	0.00E+00	1862	0	NA	apocrita
augustinus 9 processed 221.46 mnm-1	9	DakR0090176320.01.101	99.84	0.00E+00	1889	Ov0p0154200	99.84	0.00E+00	1894	5	NA	apocrita
augustinus 9 processed 221.52 mnm-1	9	DakR0090176320.01.101	99.74	0.00E+00	1889	Ov0p0154200	99.74	0.00E+00	1894	5	NA	apocrita
augustinus 9 processed 221.53 mnm-1	9	DakR0090176320.01.101	99.84	0.00E+00	2515	Ov0p0154200	99.84	0.00E+00	2504	237	indica	NA
augustinus 9 processed 222.33 mnm-1	9	DakR0090176320.01.101	98.47	0.00E+00	1928	Ov0p0159100	98.47	0.00E+00	2004	76	NA	apocrita
augustinus 9 processed 224.18 mnm-1	9	DakR0090176320.01.101	99.20	0.00E+00	1928	Ov0p0159100	99.20	0.00E+00	2004	76	NA	apocrita
augustinus 9 processed 224.18 mnm-1	9	DakR0090176320.01.101	98.47	7.88E-83	344	Ov0p0160300	99.45	5.07E-88	325	9	NA	apocrita
augustinus 9 processed 227.14 mnm-1	9	DakR0090176320.01.101	99.74	0.00E+00	2148	Ov0p0164200	99.74	0.00E+00	2156	8	indica	NA
augustinus 9 processed 227.42 mnm-1	9	DakR0090176320.01.101	99.74	0.00E+00	2148	Ov0p0164200	99.74	0.00E+00	2156	8	indica	NA
augustinus 9 processed 228.49 mnm-1	9	DakR0090176320.01.101	99.74	0.00E+00	1795	Ov0p0172800	99.74	0.00E+00	1795	437	indica	NA
augustinus 9 processed 228.93 mnm-1	9	DakR0090176320.01.101										

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augustus 19 processed gene 210.15-mRNA-1	13	D8ARRP121277000.01.T01	10000	0.00E+00	2687	O12G01871000	100.00	0.00E+00	2687	0	NA	indica
augustus 19 processed gene 210.16-mRNA-1	13	D8ARRP121279000.01.T02	10000	1.68E-14	611	O12G01871000	99.71	1.3E-173	610	0	NA	indica
augustus 19 processed gene 211.1-mRNA-1	13	D8ARRP121279100.01.T01	10000	0.00E+00	1336	O12G01871000	99.83	0.00E+00	1336	0	NA	indica
augustus 19 processed gene 212.2-mRNA-1	13	D8ARRP121277400.01.T01	10000	0.00E+00	1490	O12G01871000	100.00	0.00E+00	1497	-443	indica	NA
augustus 19 processed gene 213.1-mRNA-1	13	D8ARRP121277600.01.T01	10000	0.00E+00	1490	O12G01871000	100.00	0.00E+00	1497	-443	indica	NA
augustus 19 processed gene 215.1-mRNA-1	13	D8ARRP121277100.01.T01	10000	0.00E+00	1494	O12G01871000	100.00	0.00E+00	1544	0	NA	japonica
augustus 19 processed gene 22.0-mRNA-1	13	D8ARRP122291100.01.T01	97.82	0.00E+00	1314	O12G0144400	99.74	0.00E+00	1384	-132	indica	japonica
augustus 19 processed gene 22.1-mRNA-1	13	D8ARRP122291200.01.T01	97.82	0.00E+00	1314	O12G0144400	99.74	0.00E+00	1384	-132	indica	japonica
augustus 19 processed gene 22.15-mRNA-1	13	D8ARRP122291300.01.T01	97.82	1.94E-158	139	O12G0144400	99.73	1.38E-148	135	0	NA	indica
augustus 19 processed gene 22.15-mRNA-1	13	D8ARRP122291400.01.T01	97.82	2.40E-170	139	O12G0144400	99.73	1.38E-148	135	0	NA	indica
augustus 19 processed gene 22.19-mRNA-1	13	D8ARRP1212811400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212812400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212813400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212814400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212815400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212816400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212817400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212818400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212819400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212820400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212821400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212822400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212823400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212824400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212825400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212826400.01.T01	98.75	0.00E+00	2156	O12G0201300	99.86	0.00E+00	2158	0	indica	japonica
augustus 19 processed gene 22.23-mRNA-1	13	D8ARRP1212										

maker 12 aquagets-gene-14.18-nr4-nr1	12	00486R1212089000.01	96.88	0.00E+00	2358	0116133500	94.78	0.00E+00	2294	-95	NA	Iaportica	
maker 12 aquagets-gene-14.28-nr4-nr1	12	00486R1212089000.01	97.30	0.00E+00	2359	0116133800	97.92	0.00E+00	2340	-97	NA	Iaportica	
maker 12 aquagets-gene-14.38-nr4-nr1	12	00486R1212089000.01	96.88	0.00E+00	2358	0116133500	94.78	0.00E+00	2294	-95	NA	Iaportica	
maker 12 aquagets-gene-14.47-nr4-nr1	12	00486R1212089000.01	96.79	0.00E+00	2358	0086130000	94.19	0.00E+00	2189	-243	India	Iaportica	
maker 12 aquagets-gene-14.53-nr4-nr1	12	00486R1212089000.01	96.89	0.00E+00	2358	0116133900	96.35	0.00E+00	2403	-97	NA	Iaportica	
maker 12 aquagets-gene-14.6-nr4-nr1	12	00486R1212089000.01	96.88	0.00E+00	2358	0116133800	97.92	0.00E+00	2340	-97	NA	Iaportica	
maker 12 aquagets-gene-14.65-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-14.68-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-14.73-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-14.78-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-14.83-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-14.87-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-14.93-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-14.97-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-15.03-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-15.08-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-15.14-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-15.19-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-15.25-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-15.31-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-15.36-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-15.42-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-15.48-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-15.54-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00	0.00E+00	1513	-22	NA	Iaportica	
maker 12 aquagets-gene-15.6-nr4-nr1	12	00486R1212151000.01	99.15	0.00E+00	1533	0116244800	100.00						

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maker-12-augustus-gene-9-23-mRNA-1	12	DsR4986.111931300.01.T01	95.77	0.00E+00	1358	Os12g0119780	94.49	0.00E+00	1070	468	indica	japonica	
maker-12-augustus-gene-9-23-mRNA-1	12	DsR4986.120813200.01.T01	100.00	1.82E+19	623	Os12g0119780	100.00	2.03E+19	423	0	NA	japonica	
maker-12-augustus-gene-9-27-mRNA-1	12	DsR4986.12087000.01.T01	99.92	0.00E+00	4677	Os11g0117700	97.84	0.00E+00	4440	247	NA	japonica	
maker-12-augustus-gene-9-29-mRNA-1	12	DsR4986.120836300.01.T01	99.91	0.00E+00	3568	Os12g0117200	100.00	0.00E+00	1704	1361	NA	japonica	
maker-12-augustus-gene-9-32-mRNA-1	12	DsR4986.12084900.01.T01	99.90	0.00E+00	3519	Os12g0117600	100.00	0.00E+00	3528	9	NA	japonica	
maker-12-augustus-gene-9-34-mRNA-1	12	DsR4986.111931300.01.T01	99.85	0.00E+00	1347	Os12g0117800	100.00	0.00E+00	1561	14	NA	japonica	
maker-12-augustus-gene-9-35-mRNA-1	12	DsR4986.12084100.01.T01	94.76	0.00E+00	1893	Os11g0118800	93.43	0.00E+00	1804	89	NA	japonica	
maker-12-augustus-gene-9-4-mRNA-1	12	DsR4986.120836400.01.T01	100.00	3.08E+113	408	Os12g0117200	100.00	1.04E+113	408	0	NA	japonica	
maker-12-augustus-gene-9-8-mRNA-1	12	DsR4986.091301500.01.T01	95.38	2.40E+41	303	Os12g0118400	97.48	3.40E+111	467	164	NA	japonica	
maker-12-augustus-gene-9-9-mRNA-1	12	DsR4986.111931300.01.T01	94.96	0.00E+00	2186	Os12g0118400	100.00	0.00E+00	2549	363	japonica	japonica	
maker-12-augustus-gene-90-3-mRNA-1	12	DsR4986.121225200.01.T01	98.94	0.00E+00	2393	Os12g0255000	100.00	0.00E+00	2393	107	NA	japonica	
maker-12-augustus-gene-90-39-mRNA-1	12	DsR4986.121225200.01.T01	94.40	0.00E+00	2734	Os12g0256300	100.00	0.00E+00	3113	379	japonica	japonica	
maker-12-augustus-gene-90-50-mRNA-1	12	DsR4986.121222200.01.T01	99.84	0.00E+00	1990	Os12g0257000	99.73	0.00E+00	1994	4	NA	japonica	
maker-12-augustus-gene-91-2-mRNA-1	12	DsR4986.121225200.01.T01	98.50	0.00E+00	1445	Os12g0259800	81.48	0.00E+00	1684	1441	indica	japonica	
maker-12-augustus-gene-91-3-mRNA-1	12	DsR4986.121224200.01.T01	94.61	0.00E+00	2422	Os12g0257900	100.00	0.00E+00	2389	23	NA	japonica	Kinase TM
maker-12-augustus-gene-91-5-mRNA-1	12	DsR4986.12124400.01.T01	99.74	0.00E+00	1395	Os12g0258000	100.00	0.00E+00	1339	9	NA	japonica	
maker-12-augustus-gene-92-32-mRNA-1	12	DsR4986.121227900.01.T01	99.61	0.00E+00	3210	Os12g0258700	100.00	0.00E+00	3139	71	NA	japonica	
maker-12-augustus-gene-92-50-mRNA-1	12	DsR4986.121225900.01.T01	99.71	0.00E+00	2122	Os12g0259800	100.00	0.00E+00	2128	4	japonica	japonica	
maker-12-augustus-gene-92-6-mRNA-1	12	DsR4986.121233200.01.T01	99.67	0.00E+00	1443	Os12g0260500	100.00	0.00E+00	1656	13	NA	japonica	
maker-12-augustus-gene-94-20-mRNA-1	12	DsR4986.121224700.01.T01	98.23	4.96E+046	383	Os12g0511200	77.20	1.17E+25	1497	454	indica	japonica	
maker-12-augustus-gene-94-23-mRNA-1	12	DsR4986.12124900.01.T01	98.73	0.00E+00	2795	Os12g0261300	100.00	0.00E+00	2812	63	NA	japonica	
maker-12-augustus-gene-95-32-mRNA-1	12	DsR4986.121238900.01.T01	99.89	0.00E+00	1576	Os12g0262700	100.00	0.00E+00	1581	5	NA	japonica	
maker-12-augustus-gene-95-36-mRNA-1	12	DsR4986.121237800.01.T01	99.88	0.00E+00	2171	Os12g0263200	100.00	0.00E+00	2262	457	indica	japonica	
maker-12-augustus-gene-95-46-mRNA-1	12	DsR4986.121242800.01.T01	99.94	0.00E+00	2853	Os12g0263100	100.00	0.00E+00	2857	4	NA	japonica	
maker-12-augustus-gene-95-48-mRNA-1	12	DsR4986.121244000.01.T01	94.71	0.00E+00	834	Os12g0265300	84.50	1.05E+150	420	380	indica	japonica	
maker-12-augustus-gene-95-50-mRNA-1	12	DsR4986.121244100.01.T01	98.27	0.00E+00	1086	Os12g0265200	100.00	0.00E+00	1148	52	NA	japonica	
maker-12-augustus-gene-95-52-mRNA-1	12	DsR4986.121242000.01.T01	90.97	0.00E+00	954	Os12g0263200	84.79	0.00E+00	738	176	indica	japonica	
maker-12-augustus-gene-96-18-mRNA-1	12	DsR4986.121249000.01.T01	100.00	0.00E+00	1795	Os12g0265100	100.00	0.00E+00	1795	0	NA	japonica	
maker-12-augustus-gene-97-1-mRNA-1	12	DsR4986.121235000.01.T01	95.61	0.00E+00	1865	Os12g0265600	100.00	0.00E+00	1339	558	indica	japonica	
maker-12-augustus-gene-97-10-mRNA-1	12	DsR4986.121252000.01.T01	99.46	0.00E+00	1979	Os12g0265200	99.91	0.00E+00	2000	71	NA	japonica	
maker-12-augustus-gene-97-8-mRNA-1	12	DsR4986.121251800.01.T01	99.71	0.00E+00	1838	Os12g0265900	100.00	0.00E+00	2760	922	japonica	japonica	CC-kinase TM
maker-12-augustus-gene-98-2-mRNA-1	12	DsR4986.091408700.01.T01	95.60	4.26E+32	439	Os12g0267300	80.00	1.15E+163	374	235	japonica	japonica	
maker-12-augustus-gene-98-3-mRNA-1	12	DsR4986.121257500.01.T01	99.91	0.00E+00	2567	Os12g0267200	100.00	0.00E+00	4257	389	japonica	japonica	
maker-12-augustus-gene-98-8-mRNA-1	12	DsR4986.121240700.01.T01	96.90	0.00E+00	997	Os12g0267700	100.00	0.00E+00	985	26	NA	japonica	