

Table S1: List of Osa-miR11117 target genes

miRNA_Acc.	Target_Acc.	Expectation	UP	miRNA_s	miRNA_end	Target_start	Target_end	miRNA_aligned_fragment	alignment	Target_aligned_fragment	Inhibition	Target_Desc.	Multiplicity
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os01g0186 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :::: ::::	GUCCAUCUUC UUCCUCCCCU UCG	Cleave	cDNA|transposon protein, putative, unclassified	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os01g0266 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :::: ::::	GUCCAUCUUC UUCCUCCCCU UCG	Cleave	cDNA|retrotransposon protein, putative, unclassified	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os01g0478 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :::: ::::	GUCCAUCUUC UUCCUCCCCU UCG	Cleave	cDNA|retrotransposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os01g0611 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :::: ::::	GUCCAUCUUC UUCCUCCCCU UCG	Cleave	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os01g0916 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :::: ::::	GUCCAUCUUC UUCCUCCCCU UCG	Cleave	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Cleave	cDNA|transposon	1

GGAAGAAGAT GGGC	01g0953 0.1							GAAGAAGAUG GGC	::: :::	UUCCUCCCCU UCG	vage	protein, putative, unclassified, expressed	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g1080 0.1	2	-1	1	23	28	50	GGAGGGAGAG GAAGAAGAUG GGC	:: ::: ::: ::: ::	CCCCUUCUUC UUCUUCUUC UCC	Clea vage	cDNA|pentatricop eptide, putative, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g1737 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	::: ::: ::: ::: ::: :::	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g1920 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	::: ::: ::: ::: ::: :::	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g2182 0.1	0.5	-1	1	23	144	166	GGAGGGAGAG GAAGAAGAUG GGC	::: ::: ::: ::: ::	ACCCAUCUUC UUCCUCUUC UCC	Clea vage	cDNA|preprotein translocase subunit secA, chloroplast precursor, putative, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g2241 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	::: ::: ::: ::: GGC	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	::: :::	GUCCAUCUUC	Clea	cDNA|transposon	1

GGAAGAAGAT GGGC	01g2274 0.1							GAAGAAGAUG GGC	: : : : : : : : : : : : : : : :	UUCCUCCCCU UCG	vage	protein, putative, unclassified, expressed	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g2462 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g2780 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g2958 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: : : : ~ : : : : : : : : : : : : : : : : : : :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g3755 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: : : : ~ : : : : : : : : : : : : : : : : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g3788 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: : : : ~ : : : : : : : : : : : : : : : : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT	LOC_Os 01g3793	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG	: : : : ~ : : : : : : : : : : :	GUCCAUCUUC UUCCUCCCCC	Clea vage	cDNA|retrotranspo son protein,	1

GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g3855 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	..... : : : : GGC	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g4106 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	..... : : : : GGC	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g4558 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	..... : : : : GGC	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g4678 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	..... : : : : GGC	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g4702 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	..... : : : : GGC	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 01g4997 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	..... : : : : GGC	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative,	1

GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCGUCUUC	Clea	unclassified,	
GGAAGAAGAT	01g5065							GAAGAAGAUG	:.....	UUCCUCUCUU	vage	expressed	
GGGC	0.1							GGC		UCG		cDNA|retrotranspo	1
												son	protein,
												putative,	
												unclassified,	
												expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	01g5468							GAAGAAGAUG	:.....	UUCCUCUCUU	vage	son	protein,
GGGC	0.1							GGC		UCG		putative,	
												unclassified,	
												expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	01g6100							GAAGAAGAUG	:...:...	UUCCUCCCCU	vage	protein,	putative,
GGGC	0.1							GGC		UCG		unclassified,	
												expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	01g6314							GAAGAAGAUG	:.....	UUCCUCUCUU	vage	son	protein,
GGGC	0.1							GGC		UCG		putative,	
												unclassified	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	01g7151							GAAGAAGAUG	:...:...	UUCCUCCCCU	vage	protein,	putative,
GGGC	0.1							GGC		UCG		unclassified,	
												expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	01g7405							GAAGAAGAUG	:...:...	UUCCUCCCCU	vage	protein,	putative,

GGGC	0.1							GGC		UCG		unclassified	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	.....	GUCCAUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	02g0414							GAAGAAGAUG	....	UUCCUCCCCU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	02g0429							GAAGAAGAUG	.....	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	.....	GUCCAUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	02g0604							GAAGAAGAUG	....	UUCCUCCCCU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	02g1742							GAAGAAGAUG	.....	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	02g2242							GAAGAAGAUG	.....	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UUG		putative, unclassified, expressed	

GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 02g3417 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 02g3670 0.1	1.5	-1	1	23	32	54	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GCUCGUCUUC UUCCUCUUC UUC	Clea vage	cDNA|sucrose transporter BoSUT1, putative, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 02g3930 0.1	1.5	-1	1	23	1	23	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	AGCCGUCUUC UUCUUCUUC UCC	Clea vage	cDNA|RNA- binding protein Luc7-like, putative, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 02g4155 0.3	1	-1	1	23	308	330	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GCUCAUCUUC UUCUUCUUC UCC	Clea vage	cDNA|FAD binding domain of DNA photolyase domain containing protein, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 02g4841 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 02g5207 0.1	2	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCAUCUUC UUCCUCUCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified,	1

GGAGGGAGA	LOC_Os	1	-1	1	23	65	87	GGAGGGAGAG	:::~::~:	UCUCAUCUUC	Clea	expressed	
GGAAGAAGAT	02g5741							GAAGAAGAUG	:::~::~:	UUCUUCUCCC	vage	cDNA|OTU-like	1
GGGC	0.1							GGC	::	UCU		cysteine protease family protein, putative, expressed	
GGAGGGAGA	LOC_Os	1	-1	1	23	65	87	GGAGGGAGAG	:::~::~:	UCUCAUCUUC	Clea	cDNA|OTU-like	1
GGAAGAAGAT	02g5741							GAAGAAGAUG	:::~::~:	UUCUUCUCCC	vage	cysteine protease family protein, putative, expressed	
GGGC	0.10							GGC	::	UCU			
GGAGGGAGA	LOC_Os	1	-1	1	23	65	87	GGAGGGAGAG	:::~::~:	UCUCAUCUUC	Clea	cDNA|OTU-like	1
GGAAGAAGAT	02g5741							GAAGAAGAUG	:::~::~:	UUCUUCUCCC	vage	cysteine protease family protein, putative, expressed	
GGGC	0.2							GGC	::	UCU			
GGAGGGAGA	LOC_Os	1	-1	1	23	65	87	GGAGGGAGAG	:::~::~:	UCUCAUCUUC	Clea	cDNA|OTU-like	1
GGAAGAAGAT	02g5741							GAAGAAGAUG	:::~::~:	UUCUUCUCCC	vage	cysteine protease family protein, putative, expressed	
GGGC	0.3							GGC	::	UCU			
GGAGGGAGA	LOC_Os	1	-1	1	23	65	87	GGAGGGAGAG	:::~::~:	UCUCAUCUUC	Clea	cDNA|OTU-like	1
GGAAGAAGAT	02g5741							GAAGAAGAUG	:::~::~:	UUCUUCUCCC	vage	cysteine protease family protein, putative, expressed	
GGGC	0.4							GGC	::	UCU			
GGAGGGAGA	LOC_Os	1	-1	1	23	65	87	GGAGGGAGAG	:::~::~:	UCUCAUCUUC	Clea	cDNA|OTU-like	1
GGAAGAAGAT	02g5741							GAAGAAGAUG	:::~::~:	UUCUUCUCCC	vage	cysteine protease family protein, putative, expressed	
GGGC	0.5							GGC	::	UCU			
GGAGGGAGA	LOC_Os	1	-1	1	23	65	87	GGAGGGAGAG	:::~::~:	UCUCAUCUUC	Clea	cDNA|OTU-like	1

GGAAGAAGAT GGGC	02g5741 0.6							GAAGAAGAUG GGC	:..... :.	UUCUUCUCCC UCU	vage	cysteine family putative, expressed	protease protein, expressed	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 02g5741 0.7	1	-1	1	23	65	87	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :.	UCUCAUCUUC UUCUUCUCCC UCU	Clea vage	cDNA|OTU-like cysteine family putative, expressed	protease protein, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 02g5741 0.8	1	-1	1	23	65	87	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :.	UCUCAUCUUC UUCUUCUCCC UCU	Clea vage	cDNA|OTU-like cysteine family putative, expressed	protease protein, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 02g5741 0.9	1	-1	1	23	65	87	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :.	UCUCAUCUUC UUCUUCUCCC UCU	Clea vage	cDNA|OTU-like cysteine family putative, expressed	protease protein, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 03g0106 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :.....	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son putative, unclassified, expressed	protein, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 03g0140 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :.....	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son putative, unclassified, expressed	protein, expressed	1
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCGUCUUC	Clea	cDNA|retrotranspo		1

GGAAGAAGAT GGGC	03g0500 0.1								GAAGAAGAUG GGC	: : : : : : : : :	UUCCUCUCUU UCG	vage son	protein, putative, unclassified, expressed	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 03g0627 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: : : : : : : : : : : : : : : : :	GUCCGUCUUC UUCCUUUCCU UUG	Clea vage	cDNA|retrotranspo son	protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 03g0702 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: : : : : : : : : : : : : : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|retrotranspo son	protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 03g1561 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: : : : : : : : : : : : : : : : :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son	protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 03g2428 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: : : : : : : : : : : : : : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein,	putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 03g2437 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: : : : : : : : : : : : : : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein,	putative, unclassified,	1

GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 03g3667 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	expressed cDNA|retrotranspo son protein, putative, Ty3- gypsy subclass, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 03g4199 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	expressed cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 03g4440 0.1	2	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCCU UCG	Clea vage	expressed cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 03g4759 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	expressed cDNA|retrotranspo son protein, putative, Ty3- gypsy subclass, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 03g5944 0.1	1	-1	1	23	66	88	GGAGGGAGAG GAAGAAGAUG GGC	:: : :..... :	AUCCUUCUUC UUCCUCUCCC UCC	Clea vage	cDNA|dirigent, putative, expressed	1
GGAGGGAGA GGAAGAAGAT	LOC_Os 03g6364	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG	:..... : : : :	GUCCAUCUUC UUCCUCCCCU	Clea vage	cDNA|transposon protein, putative,	1

GGGC	0.1							GGC		UCG		unclassified, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	03g6380							GAAGAAGAUG	:...: ...:	UUCCUCCCCU	vage	protein, putative,	
GGGC	0.1							GGC		UCG		unclassified, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	04g0553							GAAGAAGAUG	:...: ...:	UUCCUCCCCU	vage	protein, putative,	
GGGC	0.1							GGC		UCG		unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	04g1117							GAAGAAGAUG	:.....	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	1.5	-1	1	23	294	316	GGAGGGAGAG	:.....	GUUCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	04g1212							GAAGAAGAUG	:.....	UUCCUCUCUU	vage	protein, putative,	
GGGC	0.1							GGC	.	UCU		unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	04g1278							GAAGAAGAUG	:.....	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	04g1727							GAAGAAGAUG	:...: ...:	UUCCUCCCCU	vage	protein, putative,	
GGGC	0.1							GGC		UCG		unclassified,	

GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g2005 4.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	expressed cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g2123 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	expressed cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g2126 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g2388 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	expressed cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g2722 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	expressed cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g2787 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	expressed cDNA|retrotranspo son protein, putative,	1

GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g3185 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUUUCUU UCG	Clea vage	unclassified cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g3589 0.1	2	-1	1	23	11	33	GGAGGGAGAG GAAGAAGAUG GGC	..... : : :	CUCCAUCUUC UUCCUCCUCC UCC	Clea vage	cDNA|TKL_IRAK _CR4L.3 - The CR4L subfamily has homology with Crinkly4, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g3807 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g4393 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g4808 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1

GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g4839 0.1	1.5	-1	1	23	29	51	GGAGGGAGAG GAAGAAGAUG GGC	: : :	GGAGGGAGAG GAAGAAGAUG GGC	Clea vage	cDNA|uncharacter ized membrane protein, putative, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g5120 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g5427 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g5469 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g5587 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g5653 0.1	1.5	-1	1	23	73	95	GGAGGGAGAG GAAGAAGAUG GGC	: : :	CUCCGUCUUC UUCUUCUUC UCC	Clea vage	cDNA|STE_MEK K_ste11_MAP3K. 1 - STE kinases include homologs	1

													to sterile 7, sterile 11 and sterile 20 from yeast, expressed	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 04g5755 0.1	1.5	-1	1	23	394	416	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUUCAUCUUC UUCUUCUUCU UCC	Clea vage	cDNA|amine oxidase, flavin- containing, domain containing protein, expressed	1	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 05g0403 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :.....	GUCCGUCUUC UUCCUUUCCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 05g0429 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :.....	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 05g0686 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :.....	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 05g1026 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :.....	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative,	1	

GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	unclassified,	
GGAAGAAGAT	05g1435							GAAGAAGAUG	:... :	UUCCUCCCCU	vage	expressed	
GGGC	0.1							GGC		UCG		cDNA|retrotranspo	1
												son	protein,
												putative,	
												unclassified,	
												expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	05g1613							GAAGAAGAUG	:... :	UUCCUCCCCU	vage	protein, putative,	
GGGC	0.1							GGC		UCG		unclassified,	
												expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	05g1916							GAAGAAGAUG	:... :	UUCCUCCCCU	vage	protein, putative,	
GGGC	0.1							GGC		UCG		unclassified,	
												expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	05g2039							GAAGAAGAUG	:... :	UUCCUCCCCU	vage	protein, putative,	
GGGC	0.1							GGC		UCG		unclassified,	
												expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	05g2111							GAAGAAGAUG	:.....	UUCCUCUCUU	vage	son	protein,
GGGC	0.1							GGC		UCG		putative,	
												unclassified,	
												expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	05g2336							GAAGAAGAUG	:... :	UUCCUCCCCU	vage	protein, putative,	

GGGC	0.1							GGC		UCG		unclassified	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:::~::~:	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	05g2659							GAAGAAGAUG	:::~::~:	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:::~::~:	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	05g2891							GAAGAAGAUG	:::~::~:	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:::~::~:	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	05g3055							GAAGAAGAUG	:::~::~:	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	2	-1	1	23	115	137	GGAGGGAGAG	:::~::~:	CCUCAUCUUC	Clea	cDNA|E3	1
GGAAGAAGAT	05g3300							GAAGAAGAUG	:::~::~:	UUCUUCUUC	vage	ubiquitin-protein	
GGGC	0.2							GGC	:	UCG		ligase MGRN1, putative, expressed	
GGAGGGAGA	LOC_Os	1	-1	1	23	237	259	GGAGGGAGAG	:::~::~:	CAUCAUCUUC	Clea	cDNA|glycosyl	1
GGAAGAAGAT	05g3520							GAAGAAGAUG	:::~::~:	UUCUUCUUC	vage	transferase,	
GGGC	0.2							GGC	:::	UCC		putative, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:::~::~:	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	05g3758							GAAGAAGAUG	:::~::~:	UUCCUUUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative,	

GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 05g4169 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	unclassified, expressed cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 05g4295 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 05g4579 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 05g5138 0.1	2.5	-1	1	23	560	582	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :.	CCCCAUUUUC UUGCUCUCCC UCU	Tran slati on	cDNA|expressed protein	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 05g5138 0.2	2.5	-1	1	23	420	442	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :.	CCCCAUUUUC UUGCUCUCCC UCU	Tran slati on	cDNA|expressed protein	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 06g1592 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1

GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 06g1622 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :::: ::::	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 06g1721 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :::: ::::	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 06g2016 0.1	2	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :.....	GUCCAUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, Ty3- gypsy subclass, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 06g2382 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :.....	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 06g3705 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :::: ::::	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 06g3709 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :::: ::::	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1

GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 06g3861 2.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UCCUCCCCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 06g3862 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UCCUCCCCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 06g3917 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCGUCUUC UCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 06g3994 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 06g4260 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCGUCUUC UCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT	LOC_Os 06g4911	2	-1	1	23	21	43	GGAGGGAGAG GAAGAAGAUG	:..... : : : :	UCUCAUCUUC UUCUUCUUCU	Clea vage	cDNA|delta- aminolevulinic	1

GGGC	0.2							GGC	::	UCU		acid dehydratase, chloroplast precursor, putative, expressed	
GGAGGGAGA	LOC_Os	2	-1	1	23	5	27	GGAGGGAGAG	:.....:	UCUCAUCUUC	Clea	cDNA|delta-	1
GGAAGAAGAT	06g4911							GAAGAAGAUG	:.....:	UUCUUCUUCU	vage	aminolevulinic	
GGGC	0.3							GGC	::	UCU		acid dehydratase, chloroplast precursor, putative, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....:	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	06g5080							GAAGAAGAUG	:...: ...:	UUCCUCCCCU	vage	protein, putative, unclassified, expressed	
GGGC	0.1							GGC		UCG			
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....:	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	07g0165							GAAGAAGAUG	:...: ...:	UUCCUCCCCU	vage	protein, putative, unclassified, expressed	
GGGC	0.1							GGC		UCG			
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....:	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	07g0923							GAAGAAGAUG	:.....:	UUCCUCUCUU	vage	son protein, putative, unclassified, expressed	
GGGC	0.1							GGC		UCG			
GGAGGGAGA	LOC_Os	2	-1	1	23	53	75	GGAGGGAGAG	:...:	GCUCCUCUUC	Clea	cDNA|galactosyltr	1
GGAAGAAGAT	07g0969							GAAGAAGAUG	:.....:	UUCCUCUUCU	vage	ansferase family	
GGGC	0.1							GGC	:	UCC		protein, putative,	

GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 07g2854 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	expressed cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 07g3089 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 07g3226 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 07g3232 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 07g3666 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1

GGAAGAAGAT GGGC	07g3719 0.1							GAAGAAGAUG GGC	:::: ::::	UUCCUCCCCU UCG	vage	protein, putative, unclassified, expressed	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 07g4187 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: ::::: ::::	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 07g4205 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: ::::: ::::	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 08g0139 0.1	2	-1	1	23	182	204	GGAGGGAGAG GAAGAAGAUG GGC	: ::::: :::: :.	UCCUAUCUUC UUCUUCUUCU UCU	Clea vage	cDNA|phosphatidy linositol-4- phosphate 5- Kinase, putative, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 08g0152 0.1	1.5	-1	1	23	51	73	GGAGGGAGAG GAAGAAGAUG GGC	: ::::: :::: : ::	AACCGUCUUC UUCUUCUUC UCC	Clea vage	cDNA|cytochrome P450, putative, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 08g0658 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	: ::::: ::::	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA	LOC_Os	2.5	-1	1	23	1907	192	GGAGGGAGAG	: ::::: ::::	GCUCAUCUUC	Clea	cDNA|ABC-2 type	2

GGAAGAAGAT GGGC	08g0701 0.1					9		GAAGAAGAUG GGC	::: :: .	UUCUUCUCCG UCU	vage	transporter domain containing protein, expressed	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 08g0701 0.1	3	-1	1	23	412	434	GGAGGGAGAG GAAGAAGAUG GGC	.. ::: ::: ::: ..	CUUCUUCUUC UUCUUCUUCU UCU	Clea vage	cDNA|ABC-2 type transporter domain containing protein, expressed	2
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 08g0714 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	::: ::: ::: ::: ::	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 08g0741 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	::: ::: ::: ::: ::	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 08g0949 0.1	2.5	-1	1	23	193	215	GGAGGGAGAG GAAGAAGAUG GGC	::: ::: ::: ::: ::	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 08g1448 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	::: ::: ::: ::: ::	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT	LOC_Os 08g1895	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG	::: ::: ::: ::: ::	GUCCAUCUUC UUCCUCCCCU	Clea vage	cDNA|transposon protein, putative,	1

GGGC	0.1							GGC		UCG		unclassified, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	08g1936							GAAGAAGAUG	:...: ...:	UUCCUCCCCU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	08g2028							GAAGAAGAUG	:.....	UUCCUUUCCU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	08g2123							GAAGAAGAUG	:...: ...:	UUCCUCCCCU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	08g2330							GAAGAAGAUG	:...: ...:	UUCCUCCCCU	vage	protein, putative,	
GGGC	0.1							GGC		UCG		unclassified, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	08g2376							GAAGAAGAUG	:...: ...:	UUCCUCCCCU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	

GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....:	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	08g2403							GAAGAAGAUG	:...:..:	UUCCUCCCCU	vage	protein, putative,	
GGGC	0.1							GGC		UCG		unclassified	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....:	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	08g2512							GAAGAAGAUG	:...:..:	UUCCUCCCCU	vage	protein, putative,	
GGGC	0.1							GGC		UCG		unclassified	
GGAGGGAGA	LOC_Os	1.5	-1	1	23	1072	109	GGAGGGAGAG	:.:...:..:	GCUUAUCCUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	08g3101						4	GAAGAAGAUG	:.....:	UUCCUCUUCC	vage	son protein,	
GGGC	0.1							GGC	:	UCC		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....:	GUCCAUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	08g3277							GAAGAAGAUG	:...:..:	UUCCUCCCCU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....:	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	08g3580							GAAGAAGAUG	:.....:	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....:	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	08g3755							GAAGAAGAUG	:.....:	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	

GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 08g4098 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUUCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 08g4264 0.1	2	-1	1	23	13	35	GGAGGGAGAG GAAGAAGAUG GGC	..... :: ..... .: :	CUCCAUCUUC UUCAUCUCCC UUC	Tran slati on	cDNA|zinc finger, C3HC4 type domain containing protein, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 08g4471 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :::: :::: :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 09g1482 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :::: :::: :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 09g1738 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UUG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 09g1954 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :::: :::: :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified,	1

GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 09g2380 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	expressed cDNA|retrotranspo son protein, putative, unclassified	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 09g2476 0.1	2	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCAUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 09g2511 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 09g2726 0.1	2	-1	1	23	50	72	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... ::	CCUCGUCUUC UUCUUCUUCU UCC	Clea vage	cDNA|plant viral response family protein, putative, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 10g0891 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UUG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 10g1685 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UUG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified,	1

GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 10g2254 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	expressed cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 10g2846 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	expressed cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 10g3060 0.1	1	-1	1	23	29	51	GGAGGGAGAG GAAGAAGAUG GGC	..... :..... ::	CAUCAUCUUC UUCCUCUCUC UCU	Clea vage	cDNA|tyrosine protein kinase domain containing protein, putative, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 10g3060 0.2	1	-1	1	23	14	36	GGAGGGAGAG GAAGAAGAUG GGC	..... :..... ::	CAUCAUCUUC UUCCUCUCUC UCU	Clea vage	cDNA|tyrosine protein kinase domain containing protein, putative, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 10g3644 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	expressed cDNA|retrotranspo son protein, putative, unclassified, expressed	1

GGAGGGAGA	LOC_Os	1.5	-1	1	23	211	233	GGAGGGAGAG	.....	CUUCGUCUUC	Clea	cDNA|glycoprotei	1
GGAAGAAGAT	10g4125							GAAGAAGAUG	.....	UUCUUCUCC	vage	n, putative,	
GGGC	0.1							GGC	::	UCC		expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	14	36	GGAGGGAGAG	....	GCCCUUCUUC	Clea	cDNA|ubiquitin-	1
GGAAGAAGAT	11g0151							GAAGAAGAUG	.....	UUCUUCUUCU	vage	activating enzyme,	
GGGC	0.1							GGC	.	UCU		putative, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	13	35	GGAGGGAGAG	....	GCCCUUCUUC	Clea	cDNA|ubiquitin-	1
GGAAGAAGAT	11g0151							GAAGAAGAUG	.....	UUCUUCUUCU	vage	activating enzyme,	
GGGC	0.2							GGC	.	UCU		putative, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	2	24	GGAGGGAGAG	....	GCCCUUCUUC	Clea	cDNA|ubiquitin-	1
GGAAGAAGAT	11g0151							GAAGAAGAUG	.....	UUCUUCUUCU	vage	activating enzyme,	
GGGC	0.3							GGC	.	UCU		putative, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	.....	GUCCAUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	11g1270							GAAGAAGAUG	....	UUCCUCCCCU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative,	
												unclassified,	
												expressed	
GGAGGGAGA	LOC_Os	2	-1	1	23	35	57	GGAGGGAGAG	.....	CCUCAUCUUC	Clea	cDNA|expressed	2
GGAAGAAGAT	11g2813							GAAGAAGAUG	.....	CUUCUCUCCC	vage	protein	
GGGC	0.1							GGC	:	UCC			
GGAGGGAGA	LOC_Os	1.5	-1	1	21	1	21	GGAGGGAGAG	.....	UCAUCUUCUU	Clea	cDNA|expressed	2
GGAAGAAGAT	11g2813							GAAGAAGAUG	.....	UCUCUCCCUC	vage	protein	
GGGC	0.1							G		A			
GGAGGGAGA	LOC_Os	1.5	-1	1	23	1072	109	GGAGGGAGAG	.....	GCUUAUCCUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	11g3206						4	GAAGAAGAUG	.....	UUCCUCUCC	vage	son protein,	
GGGC	0.1							GGC	:	UCC		putative,	

												unclassified, expressed	
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 11g3442 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, Ty3- gypsy subclass, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 11g3454 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 11g3459 0.1	2.5	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... :..... :	GUCCGUCUUC UUCCUCUCUU UCG	Clea vage	cDNA|retrotranspo son protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 11g4213 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified	1
GGAGGGAGA GGAAGAAGAT GGGC	LOC_Os 11g4568 0.1	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG GGC	:..... : : : :	GUCCAUCUUC UUCCUCCCCU UCG	Clea vage	cDNA|transposon protein, putative, unclassified, expressed	1
GGAGGGAGA GGAAGAAGAT	LOC_Os 11g4720	3	-1	1	23	165	187	GGAGGGAGAG GAAGAAGAUG	:..... : : : :	GUCCAUCUUC UUCCUCCCCU	Clea vage	cDNA|transposon protein, putative,	1

GGGC	0.1							GGC		UCG		unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	12g0985							GAAGAAGAUG	:.....	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, Ty3- gypsy subclass, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	12g1215							GAAGAAGAUG	:... :...:	UUCCUCCCCU	vage	protein, putative,	
GGGC	0.1							GGC		UCG		unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	12g1569							GAAGAAGAUG	:.....	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	430	452	GGAGGGAGAG	:.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	12g2172							GAAGAAGAUG	:.....	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	12g3035							GAAGAAGAUG	:... :...:	UUCCUCCCCU	vage	protein, putative,	
GGGC	0.1							GGC		UCG		unclassified	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	:.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	12g3656							GAAGAAGAUG	:.....	UUCCUCUCUU	vage	son protein,	

GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	.....	GUCCAUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	12g3700							GAAGAAGAUG	....	UUCCUCCCCU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified	
GGAGGGAGA	LOC_Os	3	-1	1	23	165	187	GGAGGGAGAG	.....	GUCCAUCUUC	Clea	cDNA|transposon	1
GGAAGAAGAT	12g3745							GAAGAAGAUG	....	UUCCUCCCCU	vage	protein, putative,	
GGGC	0.1							GGC		UCG		unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	12g4067							GAAGAAGAUG	.....	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	2.5	-1	1	23	165	187	GGAGGGAGAG	.....	GUCCGUCUUC	Clea	cDNA|retrotranspo	1
GGAAGAAGAT	12g4269							GAAGAAGAUG	.....	UUCCUCUCUU	vage	son protein,	
GGGC	0.1							GGC		UCG		putative, unclassified, expressed	
GGAGGGAGA	LOC_Os	1	-1	1	23	453	475	GGAGGGAGAG	....	CUGCAUCUUC	Clea	cDNA|sodium/hyd	1
GGAAGAAGAT	12g4436							GAAGAAGAUG	.....	UUCUUCUCC	vage	rogen exchanger 7,	
GGGC	0.1							GGC	....	UCC		putative, expressed	
GGAGGGAGA	LOC_Os	1	-1	1	23	118	140	GGAGGGAGAG	....	CUGCAUCUUC	Clea	cDNA|sodium/hyd	1
GGAAGAAGAT	12g4436							GAAGAAGAUG	.....	UUCUUCUCC	vage	rogen exchanger 7,	

GGGC	0.2							GGC	:::	UCC		putative, expressed	
GGAGGGAGA	LOC_Os	1	-1	1	23	118	140	GGAGGGAGAG	::::	CUGCAUCUUC	Clea	cDNA|sodium/hyd	1
GGAAGAAGAT	12g4436							GAAGAAGAUG	::::::	UUCUUCUUC	vage	rogen exchanger 7,	
GGGC	0.3							GGC	:::	UCC		putative, expressed	
GGAGGGAGA	LOC_Os	1	-1	1	23	118	140	GGAGGGAGAG	::::	CUGCAUCUUC	Clea	cDNA|sodium/hyd	1
GGAAGAAGAT	12g4436							GAAGAAGAUG	::::::	UUCUUCUUC	vage	rogen exchanger 7,	
GGGC	0.4							GGC	:::	UCC		putative, expressed	

Most potential targets are labeled red.

Table S2: List of primers used in this article

Primer name	Sequence (5'-3')
Osa-miR11117-Ox F	CCAAGCTTGGTAGACAACCTCCTATAACCACC
Osa-miR11117-Ox R	CGGGATCCCTTAGAGTCAGGGTGGTTGTGT
Osa-miR11117-mimic-F	CCAAGCTTGCCCATCTTCTTCCTACTCT
Osa-miR11117-mimic-R	CGGGATCCGGAGGGAGAGTAGGAAGAAG
Osa-miR11117-GUS-F	CGGGATCCCCCTTTACTAGACCAGCTTAGCATAT
Osa-miR11117-GUS-R	CATGCCATGGTCCTCTCATCCTCCTTTTCACTAGTAG
Osa-miR11117-Biotin	GCCCATCTTCTTCCTCTCCCTCC-Biotin
U6-Biotin	TGCGTGTTCATCCTTGCGCAGGGGCCATGCT-Biotin
Osa-miR11117-STL	GTCGTATCCAGTGCAGGGTCCGATACGACGCCCATCTGAGGTATTCGCACTG
Osa-miR11117-Foward	GGAGGGAGAGGAAGAAGATGGGC
U6-F for RT	CGATAAAATTGGAACGATACAGA

U6-R for RT	ATTTGGACCATTTCTCGATTTGT
ko-Osa-miR11117-T1-F	TAGGTCTCCCAAAAGTGAGGAGTTTTAGAGCTAGAA
ko-Osa-miR11117-T1-R	CGGGTCTCATTTGTATATTCCTGCACCAGCCGGGAA
ko-Osa-miR11117-T2-F	TAGGTCTCCTATCGACCAAAGGTTTTAGAGCTAGAA
koOsa-miR11117-T2-R	CGGGTCTCAGATAGTCCTATGTGCACCAGCCGGGAA
L5AD5-F	CGGGTCTCAGGCAGGATGGGCAGTCTGGGCAACAAAGCACCAGTGG
L3AD5-R	TAGGTCTCCAAACGGATGAGCGACAGCAAACAAAAAAAAAAGCACCGACTCG
Recom-F	GTGCAGATGATCCGTGGCAACAAAGCACCAGTGGT
Recom-R	CTATTTCTAGCTCTA AAACAAAAAAAAAAGCACCGACTCGGTG
pRGEb32-cx F	TTACGCAATTGGACGACAAC
pRGEb32-cx R	CTTCTGGCTGGTTTGTGTTGGT
35S-LOC_Os02g41550.3-GFP-F	TTGGAGAGAACACGGGGGACTGCGCCCACCCTCGATCT
35S-LOC_Os02g41550.3-GFP-R	CCTCGCCCTTGCTCACCATGCCAGGGACCAAATCCCAC
35S-LOC_Os02g57410.10-GFP-F	TTGGAGAGAACACGGGGGACCCACCTCAAAAAAAAAAAAAAAAAAACTCAAGAACAC
35S-LOC_Os02g57410.10-GFP-R	CCTCGCCCTTGCTCACCATGCGATTCCCCGGAATACGATC
35S-LOC_Os04g35890.1-GFP-F	TTGGAGAGAACACGGGGGACATTTCCCCTTCTCCATCTTCT
35S-LOC_Os04g35890.1-GFP-R	CCTCGCCCTTGCTCACCATCCACCACCGCATCGACATT
35S-LOC_Os04g56530.1-GFP-F	TTGGAGAGAACACGGGGGACACGCCCCCGAAAACAAAATAATTAC
35S-LOC_Os04g56530.1-GFP-R	CCTCGCCCTTGCTCACCATTAACACCACCAGAACACGAATTCC
35S-LOC_Os05g35200.2-GFP-F	TTGGAGAGAACACGGGGGACGGAGAGATACAGAGAGAGGCAGAGGAG

35S-LOC_Os05g35200.2-GFP-R	CCTCGCCCTTGCTCACCATCCCAATGCAAACATGAGCCTGAC
35S-LOC_Os05g51380.2-GFP-F	TTGGAGAGAACACGGGGGACGGCGAGCTCCATGGGGAAG
35S-LOC_Os05g51380.2-GFP-R	CCTCGCCCTTGCTCACCATCGGGGAAGATCCGCTTTGAC
35S-LOC_Os08g01390.1-GFP-F	TTGGAGAGAACACGGGGGACGGAATACACTAGAGTCGGGAAACAGC
35S-LOC_Os08g01390.1-GFP-R	CCTCGCCCTTGCTCACCATCCCAAGTGAAGCAAGAAAAGGAAAC
35SOsPAO4-GFP-F	TTGGAGAGAACACGGGGGACGTTCTTCATCTCGATTCCCATACGT
35SOsPAO4-GFP-R	CCTCGCCCTTGCTCACCATCTCCAGTTTTTGAGGCTATTGGGA
35SOsPAO4mts-R1	ACCTTCTTCCTCTTCGTGTTCCAGACAAGCTAGATCTAGC
35SOsPAO4mts-F2	GCTAGATCTAGCTTGTCTGGAACACGAAGAGGAAGAAGGT
Actin-F	GAAGATCACTGCCTTGCTCC
Actin-R	CGATAACAGCTCCTCTTGGC
pOX-OsPAO4 F	GGGTACCGGCGCGCCAAGCTTATGGATCCCAATAGCCTCAAAA
pOX-OsPAO4 R	CAATTCACACTTGTAGGATCCTCAGGTCCTGCAAATCTGAAGG
ko-OsPAO4 F1	TAGGTCTCCTAGCCTCAAAACGTTTTAGAGCTAGAA
ko-OsPAO4 R1	CGGGTCTCAGCTATTGGGATCTGCACCAGCCGGGAA
ko-OsPAO4 F2	TAGGTCTCCGCCCAATTGATAGTTTTAGAGCTAGAA
ko-OsPAO4 R2	CGGGTCTCAGGGCATCCGAAATGCACCAGCCGGGAA
qPCR-OsPAO1 F	GGATCCTCACGTCCGAGTTC
qPCR-OsPAO1 R	CTCGTACGGGAGACCACGA
qPCR-OsPAO2 F	GCCGGTAGACATGGTGGTAG

qPCR-OsPAO2 R	CTCCGTCTTGACGGTGACTC
qPCR-OsPAO3 F	TGAGGAAAATCCCCTGGCAC
qPCR-OsPAO3 R	ACCAGCTCTTGGGGAACTTG
qPCR-OsPAO4 F	TGCTTCGTTTGAGGTGACTG
qPCR-OsPAO4 R	CAATGGTGCCAAGGAGTTCT
qPCR-OsPAO5 F	GTGCGCTGTCTAATGCTTCG
qPCR-OsPAO5 R	CTCCTGGGGAACTTGACGAC
qPCR-OsPAO6 F	CCTACGACTACGAGTTCGCC
qPCR-OsPAO6 R	AGATCTCACGCACCACCTTG
qPCR-OsPAO7 F	AGGGCGTCAATGGTGAGAAG
qPCR-OsPAO7 R	ACTGTCTGAAGTCGGAGAGGA
qPCR-OsPR1a F	GGAAGTACGGCGAGAACATC
qPCR-OsPR1a R	GGTCGTACCACTGCTTCTCC
qPCR-OsPR1b F	AGAACTACGCCAGCCAGAGA
qPCR-OsPR1b R	CAGAAGAGGTTCTCGCCAAG
qPCR-OsPR10a F	GCCAAGCTCAAGGTGGAGTA
qPCR-OsPR10a R	AGTAGCCATCCACGATGTCC
qPCR-OsERF3 R	CAAACCTTCCGTTTGCATCA
qPCR-OsERF3 F	CCGGTGTCTACCGTGCTATT
qPCR-OsACO1 F	GACGTTCCCGGTCATCAACA

qPCR-OsACO1 R	ACGCTTGTAGTGGTCCTTGG
qPCR-OsACO2 F	TTGAGATCCTGAACCACGGC
qPCR-OsACO2 R	CACACGCTTGTAGTGGTCCT
qPCR-OsACO3 F	CGACCAGATCGACACGACAA
qPCR-OsACO3 R	TGGTTCAGCATCTGTGCAGT
qPCR-OsACS1 F	ATGGTGAGCCAAGTGGTCG
qPCR-OsACS1 R	CCCCAGGAAGTAGGACGAGT
HygR-F	AAGATGTTGGCGACCTCGTATT
HygR-R	CGTGCTTTCAGCTTCGATGTAG
