

Yoon et. al. Table S1

Genotype	Expected	Observed
<i>SUNER1 SUNER1</i>	46.75	48
<i>SUNER1 suner1-1</i>	93.50	92
<i>suner1-1 suner1-1</i>	46.75	47
Total	187	187

Species	Protein	Acc. No.	Identities	Similarities
<i>Arachis hypogaea</i>	predicted	EZ732608	90	95
<i>Arabidopsis thaliana</i>	RHL2	NP_195902.1	85	93
<i>Vitis vinifera</i>	predicted	XP_002274790.1	85	91
<i>Populus trichocarpa</i>	predicted	XP_002326329.1	85	92
<i>Ricinus communis</i>	spo11	XP_002525197.1	85	91
<i>Physcomitrella patens</i>	predicted	XP_001763679.1	73	86
<i>Selaginella moellendorffii</i>	predicted	XP_002985538.1	72	84
<i>Zea mays</i>	RHL2	ACG43435.1	69	84
<i>Oryza sativa</i>	TOP6A	EAZ26508.1	68	83
<i>Ostreococcus tauri</i>	TOP6A	XP_003079148.1	66	84
<i>Sulfolobus shibatae</i>	TOP6A	O05208.1	31	52

Primer		Primer Sequence (5'-3')
<i>SUNER1</i> Bi-PASA	P	CGTGCAATCCAACATCGAGTC
	Q	CCACACCCATAAACCGATAAAATC
	A	GGGGCGGGGCGCTGCGGAGAAAGGGA
	B	GCGGGCGGGGAATCAACCTTCCTACAACCA C
<i>SUNER1</i> Genomic	F	GGAAGGTGATTTCTTGGCAGA
	R	AGTTACAACCTGGAAGCGCGTA
<i>SUNER1</i> 5'-RACE	Outer	GTCTTGGAGGGTTAGGGTTTTGT
	Inner	CTGAGTCTGGTTTCAGCTTGTTT
<i>SUNER1</i> 3'-RACE	Outer	GATACCTGAGCAGTGTAGGTTGC
	Inner	GGGTTGAGGAATTAACCTTTGATGG