

Supplemental Table 1. Genetic Analysis of *sta1-1* Mutant (Wild Type × *sta1-1*)^a

Generation	Number of Seedlings	Wild Type ^b	<i>sta1-1</i>	χ^2	<i>p</i>
F1	31	31	0		
F2	314	242	72	0.043	0.835

a Female x Male

b For luminescence phenotype, seedling with intensities higher than 1×10^6 counts per seedling after stress were considered to be *sta1-1* mutant.

Supplemental Table 2. Predicted domains in STA1 protein

Database	Accession	Domain	Position
prosite	PS50053	Ubiquitin domain	1-85
pfam	PF06424	PRP1 splicing factor, N-terminal	102-266
pfam	PF02184	RNA-processing protein, HAT helix	367-399
smart	SM00386	RNA-processing protein, HAT helix	401-433
pfam	PF02184	RNA-processing protein, HAT helix	431-463
smart	SM00386	RNA-processing protein, HAT helix	462-494
pfam	PF02184	RNA-processing protein, HAT helix	492-524
smart	SM00386	RNA-processing protein, HAT helix	522-554
pfam	PF02184	RNA-processing protein, HAT helix	570-600
prosite	PS00015	Bipartite nuclear localization signal	624-641
pfam	PF02184	RNA-processing protein, HAT helix	639-671
smart	SM00386	RNA-processing protein, HAT helix	707-739
pfam	PF02184	RNA-processing protein, HAT helix	741-772
pfam	PF07719	TPR repeat 2	760-793
smart	SM00386	RNA-processing protein, HAT helix	774-806
pfam	PF00515	TPR repeat 1	794-827
pfam	PF02184	RNA-processing protein, HAT helix	808-840
pfam	PF07719	TPR repeat 2	828-861
smart	SM00386	RNA-processing protein, HAT helix	842-874
pfam	PF07719	TPR repeat 2	862-895
smart	SM00386	RNA-processing protein, HAT helix	876-908
smart	SM00028	TPR repeat	926-959
pfam	PF02184	RNA-processing protein, HAT helix	940-972