

Table S1: qRT-PCR primers used in this study.

Gene Description	Gene Bank Accession Number	Forward and reverse sequence (5'-3')
Senescence-associated	Unigene_078107	ACCTGATGCGGTGATGAGT GGACGGTCCTTGAAAATCC
S-locus lectin kinase family	Unigene_033280	CACTGTCGCAGCATGAAAC CAGGGGCTAGAGCATCGTA
Thaumatococcus	Unigene_027705	CAATCTTCCCGTTTTTCGTG AGGGCACAAATCGTTCAAA
Disease resistance RPP3	Unigene_065957	GGCATCATCAACCTCTTGG CTCGCCAGCTTATCCACAT
Photosystem II, D2	Unigene_045844	CGTCGTGATCGATTTCGTTT CCTGTAAGCCAGCCACCTA
Rubisco, large subunit	Unigene_014970	CGTGCCCTAAGATTGGAAG TTGTCACGCTCAACCTGAA
Photosystem I P700, apo A2	Unigene_000664	GTTGCTCCAGGCAACAAAC TCGACTGGAAGACCGAGAG
Splicing factor 3B-F	FC325436	TTCCCCCTGAAAGAGAGGA CAACCAACCGGATTTTCAG