

Table S1. List of primers used in the study and related information.

Gene	Gene description	Primer sequences (5'-3') forward/reverse	Annealing Temperature (°C)	Primers concentration (nM)	Amplicon length (bp)	Efficiency (E) (%)	R ²
<i>psbA</i>	Photosystem II protein D1	TGGTGGAGCAGCGATGAAAG GGGAACGTTTCTGCTCTTGGA	60	200	131	93.5	0.990
<i>vde</i>	Violaxanthin de-epoxidase	CGTCTGCACAAGCTGTGAT ATCTGGCACTCCGTTTCATC	64	250	157	106.0	0.995