

Table S1. Primers for genes.

№	Gene Bank ID	Gene Description	Gene	Primer 5'-3'	
				forward	reverse
1	NM_001247346.1	Damage DNA binding protein 1	<i>DDB1</i>	ACTACGTGGTTACGGCTCAC	TGGCACATCTAACATAGGCTGTAA
2	NM_001374394.1	Anthocyanidin synthase	<i>ANS</i>	TCTCAATTCCCACCTCGCAC	ACTTTGCGCTCAGCAAGAAC
3	NM_001247883.2	Phytoene synthase	<i>PSY</i>	CTCCATCTGGAGAACGGACG	CAACAAGCCCAAATTCCCCG
4	NM_001247104.2	Chalcone synthase	<i>CHS</i>	CCGTGAACCCAGTGAATCTC	CTCACGTAGGTGTCCGTCAAT
5	NM_001247891.2	Transcription factor elongated hypocotyl 5	<i>HY5</i>	AAGCTCAACCATCAGCTGGG	CCTTCACCCTTGCTTCCAGA
6	NM_001308008.1	Transcription factor phytochrome interacting factor 4	<i>PIF4</i>	GAGTTGTTGTGGCGAAACGG	TAGCCACGCGACAGTTTCAT
7	NM_001247118.2	E3 ubiquitin-protein ligase	<i>COP1</i>	TGAACCTGCAGATGCACACT	AATCAAACTCCAAGCCCGT
8	XM_004249510.4	Phenylalanine ammonia-lyase 1	<i>PAL1</i>	TGCAGTCCAACCTACCCTTT	ATTCGTCCTCGAAAGCTCCA
9	XM_004242121.4	Flavonol synthase	<i>FLS</i>	CGACAGAAGCTGGGATTTCCT	GGATCCATTGCGCGTCCTTT
10	NM_001247219.2	De-etiolated1	<i>DET1</i>	AAGCTGGCAGCACAGATGG	CTGATGCCTGCAGAAACAAGG
11	A0A3Q7F8W6	Tubulin alpha chain	<i>TUB1</i>	ACAACCTTGCCCGTGGACAT	TGCTCAAGAAGGGAGTGGGT