

Table S1. Primers for qRT-PCR analysis

№	Gene Bank ID	Gene description	Gene	Primer 5'-3'	
				Forward	Reverse
1	NM_001374394.1	anthocyanidin synthase	<i>ANS</i>	TCTCAATTCCCACCTCGCAC	ACTTTGCGCTCAGCAAGAAC
2	NM_001247883.2	phytoene synthase	<i>PSY</i>	CTCCATCTGGAGAACGGACG	CAACAAGCCCAAATTCCCCG
3	NM_001247104.2	chalcone synthase	<i>CHS</i>	CCGTGAACCCAGTGAATCTC	CTCACGTAGGTGTCCGTCAAT
4	NM_001247891.2	transcription factor elongated hypocotyl 5	<i>HY5</i>	AAGCTCAACCATCAGCTGGG	CCTCACCCCTTGCTTCCAGA
5	NM_001308008.1	transcription factor phytochrome interacting factor 4	<i>PIF4</i>	GAGTTGTTGTGGCGAAACGG	TAGCCACGCGACAGTTTCAT
6	NM_001247118.2	E3 ubiquitin-protein ligase	<i>COP1</i>	TGAACCTGCAGATGCACACT	AATCAACACTCCAAGCCCGT
7	XM_004249510.4	phenylalanine ammonia-lyase 1	<i>PAL1</i>	TGCAGCTCCAACCTACCCTTT	ATTCGTCTCGAAAGCTCCA
8	NM_001309257.1	chloroplastic PS II nonphotochemical quenching protein	<i>PSBS</i>	TGTTGGCCGTGTTGCTATGA	TTGCCAGGAGGGATAACAGC
9	NM_001247219.2	de-etiolated1	<i>DET1</i>	AAGCTGGCAGCACAGATGG	CTGATGCCTGCAGAAACAAGG
10	Solyc06g008030	phytochrome interacting factor 1b	<i>PIF1b</i>	TAGTATGGCAAAATGGTGGAG	CGGCGTCACAACTCGGTG
11	Solyc01g102300	phytochrome interacting factor 3	<i>PIF3</i>	AAGGCTTCCCAATAATGC	CCATCAGACCAAACCTTCCC
12	Solyc06g069600	phytochrome interacting factor 7b	<i>PIF7</i>	GTACTCCACCACAACCTATT	TTGACATTTTCTTGATTGCC
13	Q2MIC0	photosystem II D1 protein	<i>PSBA</i>	TGAAGGTTACAGATTCGGTCA	TGAATATGCAACAGCAATCCA
14	A0A0C5CUN5	photosystem II D2 protein	<i>PSBD</i>	GATATTATGGATGACTGGTTACG	CATTCTCTGGTCCCATTGC
15	P12360	chlorophyll ab binding protein 6A	<i>CAB6</i>	CTGAAGACCCGGAGGCATT	TGCAAGGTGATCAGCAAGGT
16	Q588D6	phytochromobilin synthase	<i>Aurea</i>	ATGAAAGCTCTGGTGTTTCTTAC	CCGTCGGTCCCTTCAATACAT
17	I6QQX8	golden 2-like 1 transcription factor	<i>GLK1</i>	AGTGAAGAATCTACGCAACAAAGG	TTCTGGTGTCCAGTCCACCT
18	Solyc04g007210	B-box domain containing protein 13	<i>BBX13</i>	TGTGCATGGGAAATTGTGGG	ACCTTGTTCTGTCGCTTTTCC
19	Solyc05g009310	B-box domain containing protein 15	<i>BBX15</i>	CTTCTCCAACACTCACAATCATC	GTTCTGCTACTTTCATCGTCTCC
20	Solyc12g005750	B-box domain containing protein 16	<i>BBX16</i>	CAGAAGCCTATGTATATTGTGAAGCAG	TCATGTGAAACTCCAATCAAATACC
21	Solyc07g052620	B-box domain containing protein 17	<i>BBX17</i>	GAGCTGATTTTGCCGACGAT	CGTTCTGTAGTCCGTCGTCT
22	Solyc12g006240	B-box domain containing protein 7	<i>BBX7</i>	CGAAGGGCTGCTATATGGGA	TCAAGTCCACCGCATCCATA
23	Solyc12g089240	B-box domain containing protein 20	<i>BBX20</i>	GGATGAGGCTGCTCTTTGTG	AACCCCTCCTTTCCTGACAG
24	Solyc04g081020	B-box domain containing protein 21	<i>BBX21</i>	GCAGCTTCATGTAGTGCGAA	ACAGAACCAGAAACAGGGGA
25	Solyc06g063280	B-box domain containing protein 30	<i>BBX30</i>	GTCGACTTGTGTTCCAGCA	TTACCCGTTAGAGTCGCTGT
26	AAL75893.1	<i>Solanum lycopersicum</i> Actin 1 Tom52	<i>Actin1</i>	TTAGCAACTGGGATGACATGGA	CCTGAATGGCAACATACATAGCA