

Supplementary Table S1: List of primer sequence and related information for each gene.

Name	Locus ID	Annotation	Sequence 5'-3'	Amplicon size (bp)	Reference
LCT 06	Glyma.05G063600	Ethylene-responsive transcription factor 15-related	F: GGCGAGTCCGAATCCATATT R: CCCAATTGTCGCTCAAACAC	94	This study
LCT 07	Glyma.08G189600.1	Linoleate 9S-lipoxygenase / Linoleate 9-lipoxygenase	F: ATATCCTTAACCGGCCAACTC R: GGCATCACTCTTCCCTGTAAT	125	This study
LCT 09	Glyma.09G041500.1	AP2 domain (AP2)	F: GACGAACTCGACCTGAAACA R: CATCCATGTTGTCCCACTCA	97	This study
LCT 10	Glyma.02G257700.1	Leucocyanidin oxygenase / Leucoanthocyanidin dioxygenase	F: ATACCCATAGAGCCAGCAAAG R: CGCATGGTCCTCTCAATCTAAT	109	This study
LCT 11	Glyma.14G042200.1	Alcohol dehydrogenase related	F: GCCAGGTTCTCCATTGAGTATT R: TCGCTGTGACAAAGAGAAGTG	99	This study
LCT 12	Glyma.14G121200.1	Alcohol dehydrogenase related	F: GGTGATTGAAGAAGTGGAGGT R: GTGGCAAAGAGAGGTGTAGAG	79	This study
ETR	Glyma.19G213300	Two-component sensor histidine kinase	F: ATGGATGCCTTCAAGAAGTGG R: GCACATATCTTCCCACAAGAGG	188	Arraes <i>et al.</i> 2015
ACO	Glyma.14G048900	1-aminocyclopropane-1-carboxylate oxidase 3-related	F: CCAATGCGCCATTCCATTGTTG R: TGAGGCTACGGACATTCTGGTC	126	Arraes <i>et al.</i> 2015
Fbox	Glyma.12G051100	F-Box only protein 3	F: GATAGGGAAATGTTGCAGGT R: CTAATGGCAATTGCAGCTCTC	93	Le <i>et al.</i> 2012
CYP2A	Glyma.12G024700	Peptidyl-prolyl cis-trans isomerase CYP18-3-related	F: CGGGACCAGTGTGCTTCTTCA R: CCCCTCCACTACAAAGGCTCG	154	Miranda <i>et al.</i> 2013

ELF 1A	Glyma.05G114900	Elongation factor 1-alpha	F: GACCTTCTTCGTTTCTCGCA R: CGAACCTCTCAATCACACGC	195	Miranda <i>et al.</i> 2013
ELF 1B	Glyma.02G276600	Elongation factor 1-beta 1-related	F: GTTGAAAAGCCAGGGGACA R: TCTTACCCCTTGAGCGTGG	118	Miranda <i>et al.</i> 2013
TUA5	*	Tubulin	F: AGGTCGGAAACTCCTGCTGG R: AAGGTGTTGAAGGCGTCGTG	159	Miranda <i>et al.</i> 2013
UBC4	*	Ubiquitin conjugating enzyme	F: GAGCGAGCAGTTTCAGAC R: CATAGGAGGGACGATACG	168	Miranda <i>et al.</i> 2013
UBC2	Glyma.18G124600	Ubiquitin conjugating enzyme	F: TCCCCTCACACCCTTCCTC R: CCATCCCAAGGGGTGTCAT	155	Miranda <i>et al.</i> 2013
ACT11	Glyma.18G290800	Actin	F: CGGTGGTTCTATCTTGGCATC R: GTCTTTCGCTTCAATAACCCTA	142	Miranda <i>et al.</i> 2013
G6PD	*	Glucose-6-phosphate dehydrogenase	F: ACTCCTTGATACCGTTGTCCAT R: GTTTGTTATCCGCCTACAGCCT	126	Miranda <i>et al.</i> 2013
Isoflavone	Glyma.06G030900	Isoflavone	F: CGAGTTTCTGCCTCTGCTTT R: CCCATTGAAGTTTCTGTACTGC	91	Khatoon <i>et al.</i> 2012
