

Gene	primer FW name	primer FW sequence (5'-3')	primer RV name	primer RV sequence (5'-3')	Ac. number
ACO1 - 1-aminocyclopropane-1-carboxylic acid oxidase	ACO1_rtfor	TCATACAGACGCAGGAGGCA	ACO1_rtrev	GCATGGGAGGAACATCGATC	X04792
JOINTLESS	Jointless_rtfor2	AGATCTCTTGAAACTGGATTGAGC	Jointless_rtrev2	CACCTGTTGCCTTAATTTTCAT	AF275345.3
MADS1 - Solanum lycopersicon MADS1	MADS1_rtfor	TTCGATTGGTGGGAAGATGGAG	MADS1_rtrev	GTTGCCGCTGCATTACCTCAT	AY294329.1
MC - MACROCALYX	MC_rtfor2	GAACTGCAGAAAAAGGAAAGAGC	Mc_rtrev2	GGCATTGATGTGGTTGTAAGAGG	AF448521
OV - OVATE	SIOvate_rtfor1	AGGACCCGTACGAAGATTCAAG	SIOvate_rtrev1	AGAACGCCTCAACTATCACTCCAT	AY140893
SIGLO1 - Solanum lycopersicon GLOBOSA 1	SIGLO1_rtfor	ATGCAAATAGAACTCAGGCACCTA	SIGLO1_rtrev	TCCTGCTCCATATTTTGAGTCTTT	XM_004245154
SIGLO2 - Solanum lycopersicon GLOBOSA 1	SIGLO1_rtfor	GGTTAAGCTCAGGCACCTCAAA	SIGLO2_rtrev	AGATTTCCAGACTGCTTGGCACTG	DQ674531
SIIAA3 - Solanum lycopersicon auxin/indole-3-acetic acid 3	SIIAA3_rtfor	CAATGATCTTGAGGCAACTGAGC	SIIAA3_rtrev	TTTGGTGCAGGAGCTGAGTCTT	JN379433
SIIAA9- Solanum lycopersicon auxin/indole-3-acetic acid 9	SIIAA9_rtfor	GCTCTTCCCCTTGACCCCTTCC	SIIAA9_rtrev	TCTCCTTTGTATCACCTGCTTTCA	JN379437
SIIAA27- Solanum lycopersicon auxin/indole-3-acetic acid 27	SIIAA27_rtfor	AATGATGATGAAGGGAGAACAGGT	SIIAA27_rtrev	TGGAATCTTATCACTGGCACACTG	JN379450
SIMBP3 - Solanum lycopersicon MADS-box protein 3	SIMBP3_rtfor1	GCCAGCAGCAGGAGGACAAG	SIMBP3_rtrev1	ATGATGAGGAGGAGGCAATGGA	SGN-U585391
SIMBP21- Solanum lycopersicon MADS-box protein 21	SIMBP21_rtfor	CTTCCAGCATGATGACAACACTTG	SIMBP21_rtrev	AGATGCATCCAATTGGTCTCA	Hileman et al., 2006
Tact - Tomato actin	Tact_rtfor	AGGCACCCCTTAATCCCAAG	Tact_rtrev	AAGCACAGCCTGGATAGCAAC	AB199316
TAG1 - Tomato AGAMOUS	TAG1_rtfor	AAGGAACTAGGAAGGGGAAAAT	TAG1_rtrev	AACCAAAGCAACCTCAGCATCACA	AY098733
TAGL1 - Tomato AGAMOUS-like 1	TAGL1_rtfor	TCAGCCAAATTACGAAGATGC	TAGL1_rtrev	AAGCTGGAGAGGAGTTTGGTCA	NM_001247258
TAGL11 - Tomato AGAMOUS-like 11	TAGL11_rtfor1	GAGACTGAGGATTGACACAAGAGG	TAGL11_rtrev2	TTCCATCATGTTGAGCTGTAGCAT	AY098736
TAP3 - Tomato APETALA 3	TAP3_rtfor2	TGAATTTGATGCAAGACAAGAGGA	TAP3_rtrev2	TGTTGGGTTGAAGGCGTAAGTCT	DQ674532
TM5 - Tomato MADS-box 5	TM5_rtfor2	AGCGATCACAGAGGAATCTTCTTG	TM5_rtrev2	TTCAATGCATGTTCTTTCTCTGA	X60480
TM6 - Tomato MADS-box 6	TM6_rtfor	AGGCGAGGAACTTAGAAGAGCA	TM6_rtrev	TTGGGGTGCAATGGTTGTAGG	X60759
TM8 - Tomato MADS-box 8	TM8_rtfor1	AGGCGTATCATTTCCGAACA	TM8_rtrev1	TCATCCCTTAGAAAGTAACTCACT	KF270624
TM29 - Tomato MADS-box 29	TM29_rtfor	TCTCAATTATGGTCAGCAGCAACA	TM829_rtrev	TTTCATTACAGCATCCAACCAG	AJ302015

Additional file 6: Sequences of the forward (FW) and reverse (RV) oligonucleotides used in the real-time PCR experiments performed in this work. In the last column the accession numbers are reported.