

Table S1 Primers used for qPCR analyses.

Gene ID			Sequence (5'->3')	Length	Tm
PH0100008G2960	G1	Forward primer	AGGCGGAACCGTCAGATTAC	20	59.82
		Reverse primer	GAGAAAGTGGTCAAACACGGC	20	59.41
		Product length (bp)	142		
PH01000038G0470	G2	Forward primer	TGGGCAGAGTGCTAAGAATGG	21	60.07
		Reverse primer	TCACGATCGGGGCGATGC	18	62.59
		Product length (bp)	113		
PH01000038G0510	G3	Forward primer	CGTCAAGGCGGAGCAGAAGA	20	62.49
		Reverse primer	CCCGCCGTAGAAGATGGTCAG	21	62.55
		Product length (bp)	148		
PH01000052G0540	G4	Forward primer	GGAGAAGAAGGGTGGGCTAC	20	59.46
		Reverse primer	CGAGCCCTGACAACAAGTTC	20	59.13
		Product length (bp)	110		
PH01000114G0660	G5	Forward primer	GGGAGTTGTCCCGATGGA	19	60.99
		Reverse primer	AACGACAGTGTGAGCGTGTT	20	60.46
		Product length (bp)	139		
PH01000115G0020	G6	Forward primer	TTGCTGCGGCAGTACATGAAG	21	61.54
		Reverse primer	GCCGCACCAACAACATCGG	19	62.61
		Product length (bp)	104		
PH01000115G0040	G7	Forward primer	GGCAAGAGCCGGAGGTTC	18	60.44
		Reverse primer	CGCGGCCGACATCTTCT	17	59.85
		Product length (bp)	78		
PH01000158G0210	G8	Forward primer	GGACGAACAGCTTCGCCAT	19	60.74
		Reverse primer	ATCCAAACTCCGCCACAGAT	20	59.38
		Product length (bp)	113		
PH01000213G1380	G9	Forward primer	GTGGTGAGCCTCCTGCC	17	59.68
		Reverse primer	CCGGCAGTTCTTGGGATGAC	20	61.03
		Product length (bp)	103		
PH01000213G1410	G10	Forward primer	AAGCCGGTGCCTCAAGG	17	60.34
		Reverse primer	CTTCTCTGACGTGGGGCAC	19	60.37
		Product length (bp)	122		
PH01000310G0500	G11	Forward primer	CTTCGGCGAAAACCGGGG	18	61.43
		Reverse primer	GGCGTCCTCGGAGCATC	17	59.93
		Product length (bp)	142		
PH01000360G1030	G12	Forward primer	ATGGAGATGTCTGCGTCCG	19	59.56
		Reverse primer	CCTCACCTTTGATCCCGAGG	20	59.82
		Product length (bp)	133		
PH01000361G0580	G13	Forward primer	AGGCAAGGGCGATCATATCC	20	59.67
		Reverse primer	GGTGGCGATCGTCATCTCTA	20	59.05
		Product length (bp)	75		
PH01000549G0400	G14	Forward primer	ATCATCTTCTACGACGGGCG	20	59.69
		Reverse primer	CATACCTTCCTCGCCTTCCC	20	59.89
		Product length (bp)	119		
PH01000597G0660	G15	Forward primer	GGAGGAGAAGACCCAGGAGT	20	59.96
		Reverse primer	AGCTGTGCAGGATTAGCTGG	20	60.11
		Product length (bp)	117		
PH01000750G0690	G16	Forward primer	GATGGCCACGATCCCCTG	18	59.89
		Reverse primer	GTCGAAGACGTAGACCTCGC	20	60.25
		Product length (bp)	132		
PH01000836G0660	G17	Forward primer	GTCGGGTGGAACACGCTC	18	60.8
		Reverse primer	TTTCCCGGAACCTCATCAGC	20	60.04
		Product length (bp)	121		

PH01000878G0620	G18	Forward primer	GTGAGCAGGATGGCGTCG	18	60.89
		Reverse primer	GAGCTGGTTGGACGAGACTG	20	60.39
		Product length (bp)	149		
PH01001078G0280	G19	Forward primer	ACGACCAGCAGCAGGTTTG	19	60.89
		Reverse primer	GATGCATCATGTGGTCGGC	19	59.35
		Product length (bp)	76		
PH01001078G0420	G20	Forward primer	TACATGCGGGAGCACCAAC	19	60.38
		Reverse primer	GAAGAGCTGCATGGTCCTGG	20	60.75
		Product length (bp)	120		
PH01001584G0350	G21	Forward primer	CGCTGGCCGAGGAGC	15	59.84
		Reverse primer	CCCTGGAACAGCAGAGTCAG	20	60.04
		Product length (bp)	82		
PH01001852G0020	G22	Forward primer	CTACAGACTCCACCACCCGA	20	60.61
		Reverse primer	GCGTTGGGTTCTTGTACGAC	20	59.49
		Product length (bp)	142		
PH01002950G0020	G23	Forward primer	CTCCCGTTCCCCCAATTCTC	20	60.11
		Reverse primer	TGTCAGCGCCGAAGTATCTC	20	59.9
		Product length (bp)	91		
PH01144128G0010	G24	Forward primer	ATTCGATAACGTCCCGGTGG	20	59.9
		Reverse primer	CGAATCTGATTTGCGGGCTG	20	59.97
		Product length (bp)	100		
EF1		Forward primer	GATGATTCCCACCAAGCCCA	20	60.03
		Reverse primer	TGGGTCTTCTTCTCAACGC	20	59.97
		Product length (bp)	130		
