

Additional file 7. Nucleotide primers used for PCR amplifications

Accession number	Primer sequence (5'→3', sense orientation)	Primer sequence (5'→3', antisense orientation)	Length of expected fragment (bp)
At1g10550	CAATTCAGTAAGATCGCCATTG	TTTGACACCAACCCAGCTC	125
At1g28290	AACCATAAGACTCAAACCCTTC	TGAGGGTGGTGGTGATGAG	95
At1g49240	CACCCGAGAGGAAGTACAGTG	CATACTCTGCCTTAGAGATCCACA	93
At1g66180	ACCACAAGCTCAACAAATGGT	GGAGGAAGCTTTTTACGATGAC	78
At1g68560	GTCGCCGTTAAATGTTGTTG	CCCATCTACATTGATGAAATCCT	95
At1g69530	GCATCGCTCAATACAGAGC	GAGTGTCCGTTTATCGTAAACCTT	97
At2g21140	TCTCATCCTTGATAAAGATGC	TCTACGTAGAATTCAACAAAGC	111
At2g28790	GTGCCCACTACAACGGAAAA	TGAGCTAGAGAAGCTGGTGGT	100
At3g07130	GGGATCGGCAACCTGATTA	GCCCATGTCTCGTTCTTCAT	82
At3g16850	GTAGCCTTCAGAACCACCAGA	TCAACGCTTGTGAGATCGAC	80
At3g43270	TTCCGATCTGCTACATTTGCT	GACCGCTTGGTGTTTTTCC	96
At4g12880	GGCATGAAGCTAGATGTTTTAGTTG	ACATAAAATTGATTTCTTATTGTGCTG	91
At4g18670	CACCACCTCCAATCTACGAAG	GCCCCTTTTGAGAACATTCTG	112
At5g05850	TGGTACCACTGGAGGAAAGC	TTGCAACTCCATAGCCACAG	95
At5g11420	GTCTCTTCTCTTTACTTTGGTCGTC	AGTCGCCGTTTGGTAACATC	126
At5g44360	AGGAGCTTATTTGAATTACCGAGA	TCGCATCTTCAAAGCTCGTA	74
At5g64100	GCAAGACTTCGCTGCTAAAAC	GCCGTTGAAGTTAACGAACC	118
desmin ^a	CAGCCTCAGTCCTCCAAATCACA	TAGGCCTGAGGTCACAGAGGT	

a : Pig desmin RNA was used as an internal control for reverse transcription.