

Genes selected for qRT-PCR analysis and primer sequences			
Accession number	Gene description	Forward sequence	Reverse sequence
At1g06570	4-hydroxyphenylpyruvate dioxygenase (PDS1)	TCGCTCGTCGCTTCTCCTG	TGTGGTTGTCGGTTTAATCTCTCC
At1g42990	bZIP transcription factor family protein	TCTGCTGTGCTCTTGTTGGAATC	GAACCCTTACATCTCCGACTAACG
At1g75270	Glutathione dehydrogenase (ascorbate)	ACAAGAACTGGTCTGTCCCTGAG	CCACATCACGCATTACACCTTCG
At1g77210	Carbohydrate transporter / sugar porter	GCATCCTCGTTGGCTCTG	ATTCACAGTTCCTCTAATCTTCG
At2g34500	CYP710A1	GACCTCCCTGGCTTTGCGTTTCG	GTGCGGTGGCTGCGGATTCTC
At2g47000	ATPase	GGAAGCAAGCCAAGTAGCGAATG	GACGAAGAAAGAGAAGCCGAAACC
At3g09270	Glutathione transferase	TGGAAGACAACTCACACG	ACATTTCAAACCCTCATAAGC
At3g56710	sigA-binding protein	CCTTCCTCCGACGACCACAAC	GAACGGCTCCTGATGAAGAACAC
At3g61630	AP2 domain-containing transcription factor	ACAGAGGCGTGAGACAGAGAC	TCGGCGGAGTTAGGAAATTCG
At3g62250	Ubiquitin 5 (UBQ5)	CCAAGCCGAAGAAGATCAAG	TCAAAATGACTCGCCATGAA
At5g40760	Glucose-6-phosphate 1-dehydrogenase (G6PD6)	AACGGTATCAAGGTGTCGCTATCC	CCTCGGCTTCCTGGTTTGTATGG
At5g44340	tubulin beta-4 chain (TUB4)	ACCTTATCCCATTCCTCAAGG	CAGCGGATGCAGTCAAGTAA
At5g55200	Chaperone GrpE-like protein	CTCCTCCGTCGTTACTCC	TGTTACTCTCATTTCCCTTCG
At5g59820	zinc finger family protein (ZAT12)	GATGTCACGGCGGCGAATTG	AGGCTTGGAACGAATGAAACTGC