

Table 2 Gene specific oligonucleotide primers used in this study for qRT-PCR

Gene descriptor	Locus Number	Forward primer	Reverse primer
putative ferritin	At2g40300	5'ATTTCATGGCGTGAAGAAG3'	5'TTTGTTCGAGCGAGTGAGAGA3'
unknown protein Ls257	At4g21830	5'TGGAGCATCTCTGTTTCGTG3'	5'CGGGAGAGTCCACGTAATGT3'
B-1,3-glucosidase	At3g57260	5'TATGCAGCATTGGAGAAATCAG3'	5'GACTGTTCGATCTGGATGAAACA3'
RAB18 dehydrin	At5g66400	5'AAGATCAAGGAGAAGTTGCCAG3'	5'AGTAAACAACACACATCGCAGG3'
class IV chitinase	At2g43570	5'TTGGACGAGAACTTATTGGCTT3'	5'CACTAGTTGTGTTTCGGATGGA3'
<i>CAT2</i>	At1g70630	5'CCAGCTTCTGTCCCAAAGAC3'	5'GGAAAACGTGAGAGGTGCAT3'
HSP70-1 like	At4g24280	5'GCATCGATCACATCATCACC3'	5'GGAAGTGGATCAACCCAAGA3'
ERD10	At1g20450	5'GATGTCAGCAATCGGTGTTG3'	5'AACCAGGGGGTGATGATGTA3'
<i>GST</i>	At2g29450	5'CCCAACCTCTCTCCAAACAA3'	5'AACAGATTATGAACCGTGGGG3'
SRC2-like protein	At1g09070	5'CACCCATGTCACCCATATCA3'	5'GGTTACCCGCAACAAGGTTA3'
water-stress gene	At1g56600	5'AACCTTGGAGATTCACTGGAGA3'	5'TGCAGATGGAGCTTTGACATAC3'
<i>FSD1</i>	At4g25100	5'CATCAGGAGAGCTTCTTGCTTT3'	5'ACAGCTTCCCAAGACACAAGAT3'
<i>CSD2</i>	At2g28190	5'AACCCTAACAAACATGACACACG3'	5'CTTAGCCTCTGACTTAGAGCGG3'
<i>APX2</i>	At3g09640	5'TGATGTGAAGACGAAGACAGGAGGAC3'	5'AGGGTCAAGAAGCCTAACGGCAATATC3'