

Table S1. Primer sequences for RT-qPCR.

Gene	Forward primer 5'-3'	Reverse primer 5'-3'
<i>AtAPX1</i>	ATCTCTTATGCGGACTTA	GCTACAACATCAACTCTC
<i>AtAPX2</i>	CAACTACCAACCGACAAG	GAAGAAGGCATCCTCATC
<i>AtAPX</i>	GCTACTAAATCTTCATCTTCAG	ATGCCAACCTAATCTAACC
<i>AtCAT1</i>	TTCCCTGACATGGTCCATGC	GCCTTCCATGTGCCTGTAGT
<i>AtCAT2</i>	GCCGATACTCAGAGACACCG	CTCAGCATGACGAACCTGGT
<i>AtCAT3</i>	ACATGGAGGGTTTCGGTGTC	TTAGTGGCGTGGCTGTGATT
<i>AtSOD1</i>	ACAGCAGTGAGGGTGTTACG	GGTGTCAACCAAGAGCATGGA
<i>AtCOR15A</i>	ATGGCGATGTCTTTATCAGGAGC	TGACGGTACCAACACCACTCTG
<i>AtCOR47</i>	CAACAGCTCTTCTTCCTCTTCG	CCTTTCTTATCTTCCTCTCCTTCA
<i>AtDREB2C</i>	GAGGATTGTAGCGATGAA	CAGCCAAGTTATGTTCTTC
<i>AtKIN1</i>	TGTCAGAGACCAACAAGAATGCC	TGTCCAGCAGAACATTGCTCTTC
<i>AtRD29A</i>	GTTACTGATCCCAACAAAGAAGA	GGAGACTCATCAGTCACTTCCA
<i>SgDREB2C</i>	TTCAGACACAACACTACTATATC	AAGCAACAGAGTCATAAG
<i>AtACTIN</i>	TGTGCCAATCTACGAGGGTTT	TTTCCCGCTCTGCTGTTGT
<i>SgACTIN</i>	GTTCTTCTCCAGCCATCT	CCTTGCTCATACGGTCAG