

Supplementary Table S1: Primers for quantitative real-time PCR.

Primer name	Sequences (5' to 3')
<i>MdZAT5</i> (PRI)	F:GTCGACATGGAAGGCCAAGAAGAACTA
<i>MdZAT5</i> (PRI)	R:GGATCCATAATGACAATCCACCAAAGCAG G
<i>MdZAT5</i> (qRT)	F:TCATGATCAAGGGCAAGCGT
<i>MdZAT5</i> (qRT)	R:CCAATAGTACCAGCGCCACA
<i>MdZAT5</i> (p1300-GN)	GTCGACGCCTACTTGATGTGGGCACTTA
<i>MdZAT5</i> (p1300-GN)	GGATCCGCTCACAAACAAAAACCCAGAATT TG
<i>MdANR</i> (qRT)	F:TCAACAAAAGATACCCCCAG
<i>MdANR</i> (qRT)	R:GATAGCTAGCTCGATACATGC
<i>MdDFR</i> (qRT)	F:GTTGAGGGAGATAGGGTTTGAG
<i>MdDFR</i> (qRT)	R:GGTAAATGTAAAACAATAGAGAGG
<i>MdUFGT</i> (qRT)	F:GGAAGTGTTTGTGCGCCTG
<i>MdUFGT</i> (qRT)	R:CATTATTATTGAGCAACGAACAGC
<i>MdF3H</i> (qRT)	F:GCCGATCACCTACCCGAG
<i>MdF3H</i> (qRT)	R:GTACAAGAAGTGGAAGGC
<i>MdCHI</i> (qRT)	F:GCTACAAATGCGGTGATAG
<i>MdCHI</i> (qRT)	R:CGCCTCCACTACAACCTCC
<i>MdCHS</i> (qRT)	F:GGCAAGTGCTGTGGATT
<i>MdCHS</i> (qRT)	R:CCCAAAGAAATAACCACAAG
<i>AtNHX1</i> (qRT)	F:TCTTGCTATTGGTGCCATAT
<i>AtNHX1</i> (qRT)	R:AGGTGTCTCGTCTTGATTC
<i>AtABI1</i> (qRT)	F:CCGTCTCACATCTTCGTGCTAAC
<i>AtABI1</i> (qRT)	R:CTTTCCCTCCTGCGGCTTCAATC
18S	F: ACACGGGGAGGTAGTGACAA
18S	R: CCTCCAATGGATCCTCGTTA
<i>AtACTIN</i>	F: TTTGGAGCCTGGGACTATGGAT
<i>AtACTIN</i>	R: ACGGGGGAATGGGATGAGAT