

**Supplementary Table S1. List of primers in this study.**

Gene ID	Forward primer (5' to 3')	Reverse primer (5' to 3')
<i>MsTRX</i> (for clone)	ATGGCAGCTGAAGAAGGACAG	TCAAGCAGTAGCAACAGTTGCAT
<i>MsTRX</i> (q-PCR)	GACAGGTGATCGGTGTTTCATAC	GACCACACCATGAAGCAGTAA
<i>MsActin</i>	TTTGAGACTTTCAATGTGCCCCGCC	TAGCATGTGGGAGTGCATAACCCT
<i>Hyg</i>	GGTGTCGTCCATCACAGTTTGCC	GGAAGTGCTTGACATTGGGGAGTTT
<i>NtActin</i>	GCTTTCTTCGTCCCATCA	CCCCAAGTACCCTCGTAT
<i>BAM1</i>	TGGCTGGGATGGTGAATATG	GGAATATTGCCTTGGCTGATTG
<i>BAS1</i>	TGGAATTGGTCGGAGTGTTG	GGGTCAGGCTTCATGGATTT
<i>CBSX3</i>	GGAAGGTAATTGTGCAGGATAGA	GTGTCGGATGTGACTGTTATGA
<i>Cu/Zn-SOD</i>	AGCAGCAGTGAAGGTGTTAG	GGCCAGAGACATTTCCAGTAA
<i>Mn-SOD</i>	CGGCAATTAGCGGTGACATA	TGGCGTCATGTAGCTGTTC
<i>ERD10B</i>	CAAGGCGGAAGAAGGAAGAA	CGTAGTTGTTGCAGTTGAATGAG
<i>GRI</i>	CAGAATGACCAGAGTCCTCTAAC	CCAGCACTTCATGTTTGTCTTC
<i>LTP1</i>	CGAATTTGGCACCTTGCTTG	GCAGAATTCACCAGAGCCTTA
<i>SnRK2</i>	CTGTAGGGACGCCTGCTTATG	TGGACTTGTTTCGGGGATTGA
<i>STN7</i>	AGGGTGGTGATTTTCGTCTTAAA	CAACTGTTTGCACAAGCTCTAC