

Table S1 Primer sequences used for semiquantitative RT-PCR and quantitative real-time PCR analysis of gene expression

| Gene | F primer (5'→3') | R primer (5'→3') |
|---------------------|---------------------------|-------------------------|
| <i>NbCAT1</i> | AGCCAAATCCTAAGTCCC | CCAGCAGCAATAGAGTCAT |
| <i>NbCAT2</i> | CGGAGGAGCAAATCACAG | CCACAATAGAAGGGCAGA |
| <i>NbCAT3</i> | ATCATAGTCACGCCACC | CTTGTCATCCGAATAGTAAA |
| <i>NbFeSOD</i> | CCTATGGATGCTTTGGGG | TGGTGAGGAGCGGTGTGT |
| <i>NbMnSOD</i> | AGACCTTTTCGCTCCCCG | CCACACCAAGCCACACCC |
| <i>NbMCu/Zn-SOD</i> | ATTTTTGGTGTTGTTTCGC | AGTTTGTTGGTTGCTTCC |
| <i>NbAPX1</i> | GTGCTCCTATTATGCTCCGTCCT | GGTGGCTCTGGCTTGTCTT |
| <i>NbAPX2</i> | TGGAGCCATTAGGGAGCAGT | GCCAGGGTGAAAGGGAACATC |
| <i>NbAPX3</i> | TACTTCGGTTTCAGATGGC | TCAGCGTAGGATAGGATTGG |
| <i>NbAPX4</i> | GGTTTACCCCAAGTTCTG | CTTCATCCTTTTCCGCAC |
| <i>NbAPX5</i> | GAGAGCATTTAGGAGAGG | TCAGCAGACAAGGACCAG |
| <i>NbAPX6</i> | TCCTATTTGGTTTCGCTT | CTGGTCCATCTTTCGTGT |
| <i>NbAPX7</i> | CAGTTGAAAAGTGCGAGA | AATGAGCAGCAGGGGAAG |
| <i>α-MMC</i> | GGGGCACTGCTTGTA | CGTTGTCACCCTCTG |
| <i>TMV-MP</i> | GACCTGACAAAAATGGAGAAGATCT | GAAAGCGGACAGAAACCCGCTG |
| <i>NbActin</i> | AACTGATGAAGATACTCACA | CAGGATACGGGGAGCTAAT |