**Table S1.** Sequences of primers used in quantitative real-time RT-qPCR.

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| --- | --- | --- | --- |
| **Gene** | **Primer sequence 5’→3’** | **size/bp** | **Annealing temperature/°C** |
| PPO | F- GACATTCGCTATGCCGTTCTR- TCGGTCCCGTTGTAATCG | 94 | 60 |
| POD | F-CAACATGGACCCAACCACR-TTGGCCCACCTTCTTACC | 95 | 60 |
| CAT | F- AGGATGAGGCTATTAAGGTTGGR- CCAGGTCTTAGTAACATCAAGTG | 103 | 60 |
| SOD | F- GGGAGATGGCCCAACTACTG R- CCAGTTGACATGCAACCGTT | 120 | 60 |
| CHI | F- CACAGACGATGCCTACTGCR- AACTTGCGTCCGCCTGAT | 102 | 60 |
| GLU | F- CCTTACTTCAGCTACAATGACACR- GTACTGAGCGTCCAGGAGAG | 100 | 60 |
| Actin | F- CCATCCAGGCTGTTCTCTCR- GCAAGGTCCAGACGAAGG | 122 | 60 |