**Table 1 Suppl.** DNA sequences of PCR primers used in real-time quantitative PCR.

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| --- | --- | --- | --- |
| **Unigene ID**  | **Genes**  | **Forward primer sequence**  | **Reverse primer sequence** |
| MELO3C017024 | *CAT* | CTCTGCCTTGACCATTGGAT | AGCATGAACAACACGCTCTG |
| MELO3C014007 | *SOD* | CCATCCAGTTCGTCCAAGAT | GTATCGCCAAGAGCATGGAT |
| MELO3C013363 | *APX* | CTGGTTTTGATGGACCTTGG | ACATATTGGCGGAACTCAGG |
| MELO3C006322 | *GR* | AGAGAAAGCGAAGGGTGACA | GCCAAGGACCTTTTGTGTGT |
| MELO3C014652 | *POD* | CCTCCAAAGAATCCGTCGTA | TTGGCTTTGAGTGCATTGAG |
| AY859055 | *Actin* | CCCTGGTATTGCAGACAGGA | ACATCTGCTGGAAGGTGCTT |