**Table S1. Primers used in this study for qRT‒PCR.**

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| --- | --- |
| Gene name | Sequence |
| *actin*-F | TTGCTCGAAGTCTAGGGCAACATAG |
| *actin*-R | GGTCATGCCATCCTGCGTCTG |
| *qcr2*-F | GGCTAAGTGGCTATCGGGG |
| *qcr2*-R | GCTGTTGACACCCAAAATGACA |
| *calX*-F | GTTGCCCTATGAAGGCCAGT |
| *calX*-R | GTGAAAAAGGCTGTGCTGGG |
| *uba1-F* | GACAACCACAACCACAACGG |
| *uba1-R* | CAACTCCTCAAGGAGCCGAA |
| *dhe3*-F | ACATGTACCTGAATGCGGGG |
| *dhe3*-R | AACTCTGACGTGGGAACGAC |
| *lap2B-F* | CTGAAGCGGTTCCAAGGCTA |
| *lap2B-R* | CTTTCGTGAGAACCGACGGA |
| *ehd2-F* | AAAAGGATCCCGTAGCAGGC |
| *ehd2-R* | CCAGATTACCAGCTGTGGGG |
| *nrf2-F* | AGCGACGGAAAGAGTATGAGC |
| *nrf2-R* | TGGGCAACCTGTCTCTTCATC |
| *6pgd-F* | TCAAAGAGGCGTTTGACCGA |
| *6pgd-R* | GTCGTAGAAGGACAGAGCCG |
| *serA-F* | CCGATCAAGCCGATGTACGA |
| *serA-R* | CATCCTCGTCCTTCTCGACG |
| *keaP1-F* | CTCTCCCCGCCTCCTTTTC |
| *keaP1-R* | ACTCAGGGACCTTGGCTGTA |
| *lamP1-F* | ATTCGGGCGGGCTTCTTC |
| *lamP1-R* | AGACAGCGCGTTACCAGAC |
| *ero1A-F* | ACAAGGGACCAGATGCTTGG |
| *ero1A-R* | TTGTCCCTTGACCAGAAGCC |