Table S1. The list of primers used for gene expression analysis by quantitative Real Time PCR

| Primer name | Contig ID | Sequence (5'-3') |
| --- | --- | --- |
| PyRboh-F1 | contig_36762_g8710 | TTGTGCTCACCTTCCTGATG |
| PyRboh-R1 | contig_36762_g8710 | GCGTTCCAGTTGATGAGGTT |
| PyGalDH-F1 | contig_27288_g6714 | TTTTTGACGTGAGCCCCTAC |
| PyGalDH-R1 | contig_27288_g6714 | AGTCCCCAAACTCAATGTCG |
| PyGCL-F1 | contig_6454_g1464 | GACCTGGTGGAGCAAAACAT |
| PyGCL-R1 | contig_6454_g1464 | GAATGTTGCGCGACAGAGTA |
| PyGR-F1 | contig_21457_g5287 | CGTGTTCAAGAGCGACTTCA |
| PyGR-R1 | contig_21457_g5287 | CTAGTCGGGTGTACGCCAAT |
| PyAPX1-F1 | contig_10207_g2440 | ATCAGCTACGCGGACCTCTA |
| PyAPX1-R1 | contig_10207_g2440 | AAGCCCATCCGGTAAAAGAT |
| PyAPX2-F1 | contig_9033_g2146 | AGGTGCCCATTGTCTTTGAC |
| PyAPX2-R1 | contig_9033_g2146 | CCTTTGAATAGTCGGCGAAA |
| PyAPX3-F1 | contig_35733_g8551 | TTGGGAATGGGTACCTCAAG |
| PyAPX3-R1 | contig_35733_g8551 | GCCCAGCAACTTGACACTCT |
| PyMDHR1-F1 | contig_11687_g2778 | GCTGCCAGGTCAAGATGATT |
| PyMDHR1-R1 | contig_11687_g2778 | TCGTCACCCAGAATCTCCTC |
| PyMDHR2-F1 | contig_2056_g353 | GGTACATTGGGATGGAGGTG |
| PyMDHR2-R1 | contig_2056_g353 | ACCTCATCCTTGACGTGGTC |
| PyDHAR-F1 | contig_4779_g1033 | GTGTTCTCTCGCACCCTCTC |
| PyDHAR-R1 | contig_4779_g1033 | TGGTAAAACTCGGCCATCTC |
| Py18S-F1 | ∗ D79976 | AGGGTTGATCCGCAGGGAAG |
| Py18S-R1 | ∗ D79976 | GCTTGCGCCCACTCCATTAG |

*Accession number in GenBank