**Table S1 Primers used for qRT-PCR analyses**

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| Primer | Primer sequences (5'-3') |
| CYP6B7-F | ATGTTCCCCTCGCTCGGGTT |
| CYP6B7-R | AAGTGGGATCAGCACGCGCA |
| CYP6B50-F | TCGCGTGGGAGTGTACGTGA |
| CYP6B50-R | TGGGCCAAGGAGTTGTCTTGGT |
| CYP6AB12-F | TCTTCGCTCTTCGCGTCCAGA |
| CYP6AB12-R | ACAGGTTCTGCATCAGTGGCTCG |
| CYP6AB14-F | TTCCCGGAGGCGTGTAAGAA |
| CYP6AB14-R | CGGACTGCCATCGGGATTTA |
| CYP6AB60-F | TCGACCGAGTGCTCGCCAAA |
| CYP6AB60-R | TGCGCATGCCTTCTTGCAGC |
| CYP6AB61-F | AGGGCCCACGATCCTGTGTT |
| CYP6AB61-R | AGGCAATGGTTCCTGGCGACT |
| CYP6AE44-F | AGCCAACAACGAGGCACGACT |
| CYP6AE44-R | ACGTCTCAAAGCCAGCAGCGA |
| larval cuticle protein 16/17-F | GCGCACAGAAGAAGGTGTGCT |
| larval cuticle protein 16/17-R | CGCGGTATCCGTTCTCGTCA |
| larval cuticle protein LCP-17-F | TGAAGCTGCCATCCTCCGCT |
| larval cuticle protein LCP-17-R | ACTACCGGCTTCGCCAACCT |
| larval cuticle protein LCP-14-F | TTGCCGTCTGCATCTTCGCA |
| larval cuticle protein LCP-14-R | AGCCTGGCCAGAGATACCGT |
| larval cuticle protein 1-F | AGCCCCACTCAGTCGTCGTT |
| larval cuticle protein 1-R | TGGAGGGTCCTTGAGCCTGGAA |
| cuticular protein glycine-rich 9-F | CCTCTCAGTTCCCGGACCATCT |
| cuticular protein glycine-rich 9-R | TTGCAGGGCCAAGACCGCTA |
| cuticular protein RR-1 motif 23 precursor-F | AAGGCAAGCTGGACAAACCT |
| cuticular protein RR-1 motif 23 precursor-R | ATTCTGTGCGGTGACGTGTA |
| flexible cuticle protein 12-F | AGGAACAGGGTGTGCTCAAG |
| flexible cuticle protein 12-R | AGCTCGTTGGCGATGTAGTT |
| cuticular protein glycine-rich 20 precursor-F | TTCCTACGGTGTCCCGTCTG |
| cuticular protein glycine-rich 20 precursor-R | GCTGGAGTGGGAGCTGTATG |
| pupal cuticle protein-like-F | TGATTATCCTCGCAGCCACC |
| pupal cuticle protein-like-R | CTTGCCATCGGGACTGAGTT |
| EF-1α-F | ACAGACAAGCCCCTGCGTCT |
| EF-1α-R | TTGTCACCGGGTACGGCCTCTT |