**S1 Table. Primer pairs of candidate reference genes and target genes used for qRT-PCR analysis.**

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| **Gene ID** | **Gene name** | **Primer sequence (5’-3’)** |
| comp45066\_c0 | heat shock protein 60 (*Chilo suppressalis*) | F: GTGCCAAGGTCGAGTTCCAGR: CAATAGCCATGTCACTGAGAG |
| comp42863\_c0 | heat shock protein 19.9 (*Bombyx mori*) | F: GTCCACTAGTCAACAACGR: GAACTGCCGCGATATGTAC |
| comp18400\_c0 | serine protease 3 (*Lonomia obliqua*);  | F: CAGCTCAGGAGGGCCAGTTCR: GTCGCTGATGTCGTGCGGC |
| comp44655\_c0 | serine protease 5 (*Mamestra configurata*) | F: ACTACCCCTACATGTCCAATR: ACGATCGCAACGTCATTGTC |
| comp37472\_c0 | cytochrome CYP324A1 (*Spodoptera littoralis*) | F: GATCCTCTCTGGTCTTCACR: ATACCAAATGCAGCCTCA |
| comp63819\_c0 | apoptosis-inducing factor 3 (*Homo sapiens*) | F: TGCAAGTGAGATCTCAGGAR: TCAAAGTCTCTCACTGTGA |
| comp32864\_c0 | serine protease inhibitor 12 (*Bombyx mori*) | F: TTGCTACAGAGCCACCTGTR: CCTCAACTTCCTGTTCCTG |
| comp39389\_c0 | serine protease inhibitor 5 (*Bombyx mori*) | F: CAATGACTTCACCATTTATR: TGTCAAAATCATCCTAGAT |
|  | actin3 | F: ACCAACTGGGACGACATGGAGR: TCTCTCTGTTGGCCTTTGGGT |