

**Additional data file 5: Primer sequences used for RT-PCR profile. \* GenBank accession numbers are not available for these sequences, which can be accessed at <http://210.212.212.7:9999/PHP/SILKSAT/uniqueseqs/>.**

<b>Gene</b>	<b>GenBank accession number</b>	<b>Forward primer (5'-3')</b>	<b>Reverse primer (5'-3')</b>
<i>Attacin1</i>	DQ666490	TTCCACCCTGCGTTAAAGTC	ACAGAATCGGTGCATCAGC
<i>Attacin 2*</i>	amfb1278	CGGCGAGCTGGTAAAGTATC	CAGAACCGATTGCGCTTAAC
<i>Cecropin1</i>	DQ666492	TCGATGCCTACAGTTTCGAG	CTTCCTGTTTCGTTTGCCTTC
<i>Cecropin 2</i>	DQ666493	CTTCCCTTTAGCCAATGCTG	TGTTGTTTCGATTTCGCTTGC
<i>DFP-1</i>	DQ666501	TTGTCCGCTGACTCAGAATG	TACAATCAGCGGCAAGACAC
<i>DFP-4</i>	DQ666503	TCGTTTCGACAGAACTTGAAGG	TCAGATTTGTTTGCCGCTG
<i>Gloverin</i>	DQ666495	TGCCTCCTGGATACGAAAAG	TTACCGAATAACCCGTCGTC
<i>Hemolin</i>	DQ666498	CTGACGGAAACCTCAGCTTC	TGGCACTTCTTCATCGACAG
<i>Lebocin 1</i>	DQ666499	AACAGCCATAACGGTTCGTC	TTGGTCGTCGATACGACTTG
<i>Lebocin 2</i>	DQ666500	GAAGGCAAGCTTGAGTGGTC	CCTCAGTGTGTTTCGTGCAG
<i>Lectin</i>	DQ666504	CGTGCGACGATGTATTTGAG	GTCCGAACCGATGAAACTTG
<i>PGRP-1</i>	DQ666506	ACGAAGGATCTGGTTGGTTG	ACGCCGCATCTAAGTAAAGC
<i>PGRP-2*</i>	amfbc0145	AACCTCAACGTGACCAGGAC	GCAGCACACGTGAGCAATAC
<i>Seroiin</i>	DQ666525	TGATGTTCCCTATGCCACAC	ACCGGAGAAATGTTTCGTTTG
<i>Serpin*</i>	amfb0553	TGACTTTGGGTGCAACTGAC	ATGCATATGGTCCCTCGTTC
<i>Proteinase inhibitor</i>	DQ666519	GACCGTTAATGGCTGCAATC	CTTGCCGGTATCATTTCAG
<i>Actin</i>		GGCATGGGACAGAAGGACT	TAGTGACGATTCCGTGTTTCG