

Table S1. Primers used for qRT-PCR analysis

Primer	Gene ID	Sequence (5'- 3')
Allantoinase-F Allantoinase-R	AGAP000239	CCCACGACGGTAAGGTGACG TCCCGGCATGAGCATCAAAT
Cecropin 1-F Cecropin 1-R	AGAP000693	TTCATCTTTGTCGTGCTGGC GCACTGCCAGCACGACAAAG
Cecropin 3-F Cecropin 3-R	AGAP000694	ACGTAAGTGAACACCTGCGCGTT GCGCTGTGTGCGCCGATGAA
Collagen-F Collagen-R	AGAP009200	TGGGACTGCGAGGATTCGAG ACCTCGTCCGACTGGCTGTG
GTMS1-F GTMS1-R	AGAP000165	GCGGTGCTGGTGGTGAAGAT CGTCCGGATCGTCGAACTTG
HR4-F HR4-R	AGAP004693	TCGGGGTCAAATGCATCACA GCTGCAGTTGGGTTCCGAGA
LRR-F LRR-R	AGAP004016	GCTCGTTTTGTGCCGGAATG GCCCCGCTTCCTGCAGCTTAT
LYSC1-F LYSC1-R	AGAP007347	TTCAGCACATCGGCGACAAA TCCAGCCGTACCAGGCGTTA
PCAAT-F PCAAT-R	AGAP010508	TGCGGTGTTCCGGATATTGG AGGCGCCACTTCATCCATCC
PPO3-F PPO3-R	AGAP004975	CTATTCGCCATGATCTCCAACACTACG ATGACAGTGTTGGTTGGTCAAACGGATCT
rpS7-F rpS7-R	AGAP010592	ACCCCATCGAACACAAAGTTGACACT CTCCGATCTTTCACATTCCAGTAGCAC
Solute Carrier-F Solute Carrier-R	AGAP003176	GTGCTTGGCTGTGTGCTGGA CGTTGGCCTGTACCGTCTCG
TEP2-F TEP2-R	AGAP008366	GCACCTGGCTGACAGCGTTT CCCTGACCCTGCACCTCCTT