

Additional file 10: Supplementary Table S4. Primer sequences and PCR conditions used in semi-quantitative RT-PCR–based expression analysis.

Name of the gene	Sequence (Forward primer, F and Reverse primer, R)	PCR conditions
<i>26S rRNA</i>	F: 5'-CACAATGATAGGAAGAGCCGAC-3' R: 5'-CAAGGGAACGGGCTTGGCAGAATC-3'	25 cycles: 94°C, 30 sec; 52°C, 40 sec; 72 °C, 1 min; Final extension at 72°C, 7 min
<i>AeACTH</i>	F: 5'CAGGGTTGCCTAATACAGTTAGT-3' R: 5'-CACTTCAACAGGTACAATCTCC-3'	25 cycles: 94°C, 30 sec; 52°C, 40 sec; 72 °C, 1 min; Final extension at 72°C, 7 min
<i>AeHMGS</i>	F: 5'-GTGTTTCACTCTCCATACAAC-3' R: 5'-TAAGATCGACAAATTTCTTCT-3'	29 cycles: 94°C, 30 sec; 52°C, 40 sec; 72 °C, 1 min; Final extension at 72°C, 7 min
<i>AeHMGR</i>	F: 5'- TCTAGGAACTCAATTACATGTTG-3' R: 5'- AGCACTTTGATTACGACTCTATT-3'	30 cycles: 94°C, 30 sec; 52°C, 40 sec; 72 °C, 1 min; Final extension at 72°C, 7 min
<i>AePMVK</i>	F: 5'-TTTATTCGGTTGTTAAGCCAATT-3' R: 5'-TTGAGTACGAATGCTCGATTTTA-3'	34 cycles: 94°C, 30 sec; 52°C, 40 sec; 72 °C, 1 min; Final extension at 72°C, 7 min
<i>AeMVDD</i>	F: 5'-CAAGTTAATGAATTTGAAAGAAG-3' R: 5'-GACTAGTATCTAGGCAAACAGC-3'	26 cycles: 94°C, 30 sec; 52°C, 40 sec; 72 °C, 1 min; Final extension at 72°C, 7 min
<i>AeIPI</i>	F: 5'-TACAATTGTCACCTTGATGGA-3' R: 5'-ACATACTTTATATCAGCCACCT-3'	25 cycles: 94°C, 30 sec; 52°C, 40 sec; 72 °C, 1 min; Final extension at 72°C, 7 min
<i>AeGDPS</i>	F: 5'-CTGTTAGATCACTTCAGGCTTT-3' R: 5'-GCTCCATTGACGATTTAGTAA-3'	31 cycles: 94°C, 30 sec; 52°C, 40 sec; 72 °C, 1 min; Final extension at 72°C, 7 min
<i>AePGT</i>	F: 5'-ATACATAATAAGGAAACCCAATG-3' R: 5'-AACGTACAAAATCTAGACCACTT-3'	31 cycles: 94°C, 30 sec; 52°C, 40 sec; 72 °C, 1 min; Final extension at 72°C, 7 min
<i>AePAL</i>	F: 5'-TATAGAGGAGAATGTGAGACTCG-3' R: 5'-GTATGATCTGCATTCTCAATC-3'	25 cycles: 94°C, 30 sec; 52°C, 40 sec; 72 °C, 1 min; Final extension at 72°C, 7 min
<i>AeC4H</i>	F: 5'-TCTTGGGATCACATTGGGAC-3' R: 5'-AGGAAATAATGAGAGAGATGG-3'	25 cycles: 94°C, 30 sec; 52°C, 40 sec; 72 °C, 1 min; Final extension at 72°C, 7 min
<i>Ae4-CL</i>	F: 5'-GACACTCAAACCAAAACAGAC-3' R: 5'-GTCTGGCAAGGTGGTTTCGTCT-3'	34 cycles: 94°C, 30 sec; 52°C, 40 sec; 72 °C, 1 min; Final extension at 72°C, 7 min