

**Table S1** RT-qPCR primer pairs used in the study.

Gene	Foward primer	Reverse primer
AN0447	5'-GACTTCCCTACCTCCTTCTTG-3'	5'-GCTCCACTCTTTTCCACGG-3'
AN1092 ( <i>dugC</i> )	5'-ACTGCGAAAACCTGGAACGG-3'	5'-CTAAGAACAATGCGAATGCCC-3'
AN1513 ( <i>cysF</i> )	5'-GGGGAAGGGGTACTTTGC-3'	5'-TAGAGCCACGCCAGAGATTG-3'
AN1800 ( <i>icsB</i> )	5'-TCATACAATCCGCCTTACAGC-3'	5'-ATCCCAATCCTTCATCCCC-3'
AN2508	5'-GGACCAAGGAACACGACC-3'	5'-CGCATCAGCCCCAATCAAG-3'
AN2581 ( <i>hk-8-1</i> )	5'-TGCTTCCTCAGTCCTCTC-3'	5'-ACAAATCCCGTCCTCCTTAG-3'
AN2911 ( <i>atfA</i> )	5'-ACCGATACCCCCGATTAC-3'	5'-AAGCCCCCTCCGATACTG-3'
AN3117 ( <i>crpA</i> )	5'-CTTCGTTGGTGGCGGATTAG-3'	5'-TCGGGTGATTGCTGCTTTC-3'
AN3150 ( <i>gcsA</i> )	5'-AGGAGGGAGGTAGCAAAAG-3'	5'-CAGATGGAGGGTAATAAGGC-3'
AN4113	5'-TTCTCGCCAGCATCTTCGC-3'	5'-AGCCGTAGTTCGTCGTCAG-3'
AN4271	5'-ATGGTGCTCTCAGTTTGGTTG-3'	5'-GTGTCAATGCCCGTCGTTTTG-3'
AN4376 ( <i>gdhA</i> )	5'-CGGCAAGTTCACCTACATCC-3'	5'-ACCCTCAGCAATATAGCGG-3'
AN4809 ( <i>gtaA</i> )	5'-GACGCCGCTCCTATTCTCTG-3'	5'-ATTGCCTCTCGCTGGGTTAG-3'
AN5134 ( <i>gltA</i> )	5'-TTACGGCGAGGGAAACAAG-3'	5'-CGAGAGTGAACGAGAGCAAAG-3'
AN6542 ( <i>actA</i> )	5'-GAAGTCCTACGAACGCCTGATG-3'	5'-AAGAACGCTGGGCTGGAA-3'
AN6820 ( <i>hk-8-3</i> )	5'-GGCAGCGATGAGGACATTC-3'	5'-GGAGAGGGAGACATAGTGG-3'
AN6838 ( <i>tubC</i> )	5'-CGGAAACTCGCCGTCAATAT-3'	5'-GGGCAAACCCGACAATAA-3'
AN7103 ( <i>csH</i> )	5'-GAGTGGGACGGGAAGAATG-3'	5'-GGTTACGATGGGAGACAGC-3'
AN7729	5'-ACCTCGTTCCAACAATACGC-3'	5'-AACCCGAACAGAGCAACAAC-3'
AN7945 ( <i>hk2</i> )	5'-CGATGTCACTTACGCCGC-3'	5'-AAACCGCTCTTGCTGCTG-3'
AN8692 ( <i>prx</i> )	5'-CTGGACTGAGGAGAAGGG-3'	5'-CAAGGACGGCAACAACATCG-3'
AN8803 ( <i>rodA</i> )	5'-CAACAAGGGCAACAGCAAC-3'	5'-GAGGACAGCAACATCAAGC-3'
AN9397 ( <i>hacA</i> )	5'-AGACGAAGAATGTGGTGGC-3'	5'-ACGCTGAAGAAGGAACCTGG-3'
AN10220 ( <i>ccpI</i> )	5'-GCGACCAAGAACCAAGACC-3'	5'-AACCAACAGGCGGAAAACTC-3'
AN10584	5'-GGTCTCTGTTTCGCTCTCTG-3'	5'-ACGTTTTGCCTCTTCATCATTC-3'