

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

Gene	Foward primer	Reverse primer
AN0241 (<i>sodA</i>)	5'-CTTCCACATCCACCAGTTC-3'	5'-CAGCGTTACCAGTCTTCTTG-3'
AN0399 (<i>nrtB</i>)	5'-GCGGGACAGATTGAGAGTTC-3'	5'-AGAGGGAAGTTGAGGAGATAG-3'
AN0423 (<i>xyrA</i>)	5'-ATTGGGTAAAGGCGACTATCC-3'	5'-AAGGTATGGGTGGTGCTC-3'
AN0756 (<i>lacA</i>)	5'-GCTGCTGGTGTTGCTCTTAC-3'	5'-ACTCTCCTGGCTTTCCTTCG-3'
AN0942 (<i>ladA</i>)	5'-CCTTTACTCTCTTCACCTCTCC-3'	5'-TCACCACTCTTCACCTCTTCG-3'
AN0973 (<i>brlA</i>)	5'-CGACTTTCTCTCTGGATACGATG-3'	5'-CTGGTGACGGTAGTTGTTGTTG-3'
AN1006 (<i>niaD</i>)	5'-TATGTCGTCCCAAACCCG-3'	5'-TTATTCTTCGTCCGCCTCC-3'
AN1414 (<i>xprG</i>)	5'-CGATGCCAGTATATCCGTG-3'	5'-GTCAGTTCTGCTCCTTG-3'
AN1812 (<i>jlbA</i>)	5'-ATCTCTCCCCATTCTTCAGC-3'	5'-GTCGTCCGCCGTAGTTGTG-3'
AN2463 (<i>lacF</i>)	5'-CGGGCACACTTCTACTCATAC-3'	5'-TACGACACATTTGGCGGCG-3'
AN2814 (<i>lacpB</i>)	5'-CGTCTCCTTCTGCTGTGC-3'	5'-GTGCTTGCCGTTGCGATG-3'
AN3199 (<i>lacpA</i>)	5'-CGATTCCAGCCGTCTTCTTC-3'	5'-AGCCGTAAACAACCCAGC-3'
AN3201 (<i>lacD</i>)	5'-GCTGCTGAACGGGGATTG-3'	5'-GGGGAACGGGAAGATGAC-3'
AN3581 (<i>trxR</i>)	5'-TGGCAGAACGGTATCAGCG-3'	5'-GCGGACAAGCACGGTAACG-3'
AN4871 (<i>chiB</i>)	5'-TGGTCAACAGGCGAATCTC-3'	5'-CGGGACGAAGGATCATACG-3'
AN4957 (<i>galE</i>)	5'-CGCTGAGGTTTATGCCACTG-3'	5'-CACTGCTGTAGGGAGGAC-3'
AN6388 (<i>lacE</i>)	5'-ATGTCGTGCGTCTGCCTC-3'	5'-GTTCTCTTCCCCTTGCTGC-3'
AN6542 (<i>actA</i>)	5'-GAAGTCCTACGAACTGCCTGATG-3'	5'-AAGAACGCTGGGCTGGAA-3'
AN6700	5'-CTATTCCCGAGCAAGTTC-3'	5'-TGATGTTCCCTGACGATGGC-3'
AN6838 (<i>tubC</i>)	5'-CGGAAACTCGCCGTCAATAT-3'	5'-GGGCAAACCCGACAATAA-3'
AN8218 (<i>trxB</i>)	5'-TCACCTCAATCGTCCCTG-3'	5'-TGCTCGTATCCGTCACAC-3'
AN8445	5'-TTGAAGCCACGACAATGAC-3'	5'-AGATGCCTACGATACCAG-3'
AN8692 (<i>prxA</i>)	5'-CTGGACTGAGGAGAAGGG-3'	5'-CAAGGACGGCAACAACATCG-3'
AN9064 (<i>xdhA</i>)	5'-TCTATTGTGCTGTGCGGTAG-3'	5'-TCCCAAGGTCATTCTCTGC-3'
AN9339 (<i>catB</i>)	5'-CCGAGCCCACAACACTTAC-3'	5'-GTTCAGCGACGACAATGACG-3'
AN9397 (<i>hacA</i>)	5'-AGACGAAGAATGTGGTGGC-3'	5'-ACGCTGAAGAAGGAAGTGG-3'
AN10220 (<i>ccpI</i>)	5'-GCGACCAAGAACCAAGACC-3'	5'-AACCAACAGGCGGAAAACTC-3'
AN10543 (<i>galX</i>)	5'-TGACGGGATGGGATTCTTGAC-3'	5'-GGGATACGCAGGGTGATAG-3'
AN10550 (<i>galR</i>)	5'-TATCACAGAGGAGCAACGGG-3'	5'-TCATCAGAGGGAGGAAGAACC-3'