

Table S1. Sequences of primers used in the study

	Sequence (5'→3')	Product size (bp)	T _m (°C)
<i>aerA</i> -F	5'-CCACCTCTTTGTCCCAGTCC-3'	241	59.96
<i>aerA</i> -R	5'-CTGCTGGCCTTGTCTTGTA-3'		59.96
<i>argF</i> -F	5'-GGTTTTTCGGCCTCGTCAAAC-3'	215	60.04
<i>argF</i> -R	5'-GGTGAAACTGATGACCCCGT-3'		59.96
<i>dhaL</i> -F	5'-CCGGATAAAGAAGGTGCCGT-3'	228	60.11
<i>dhaL</i> -R	5'-TGCGAACACATCTTCACCGA-3'		59.97
<i>arcA</i> -F	5'-TCAGAATTCCGTGCCATGCT-3'	215	60.04
<i>arcA</i> -R	5'-TCACCACAGAAACGGTAGCC-3'		59.97
<i>dhaK</i> -F	5'-ATCCGGAGTCGGGGAAGTAA-3'	211	60.03
<i>dhaK</i> -R	5'-ACAACCTGATGGGGATGGCAG-3'		60.03
<i>hlyA</i> -F	5'-ACCGGATGGTTCCAATCCAC-3'	247	60.03
<i>hlyA</i> -R	5'-TCCAGCCGCTGAGTTACAAG-3'		60.04
<i>pdhR</i> -F	5'-CGCAGCATAGTAGGCACAGA-3'	231	59.90
<i>pdhR</i> -R	5'-CTCGCCATCCAGTTTCAGGT-3'		60.04
<i>gntU</i> -F	5'-TAGCCAAAATCGGCTCCCAG-3'	217	60.11
<i>gntU</i> -R	5'-TGTCACTGACTGGCTTCGTC-3'		59.97
<i>fruB</i> -F	5'-CTCTGCTGGCAAGCAAACCTG-3'	232	60.04
<i>fruB</i> -R	5'-GCGATACCGATGGCCACATA-3'		60.04
<i>yidD</i> -F	5'-TTTCTTCGCTTTGGTTGCGG-3'	226	59.97
<i>yidD</i> -R	5'-CGTTGCAATGGGTAGCTGTC-3'		59.55
<i>aqpZ</i> -F	5'-CATGACCGGCTTCTTCCTGT-3'	220	60.04
<i>aqpZ</i> -R	5'-GATCGGAGCAACCCAGAACA-3'		60.04
<i>aceA</i> -F	5'-TGGCATCGTCCAGGTTCTTC-3'	209	60.04
<i>aceA</i> -R	5'-CTACAAAGTGCAGGCGGGTA-3'		60.04

<i>hppD</i> -F	5'-ATCACCTGACCCACAACGTC-3'	233	59.97
<i>hppD</i> -R	5'-GATCCCCTCCCCCTTGTA-3'		60.03
<i>fadA</i> -F	5'-TCGAGCTGAACGAGGCATTT-3'	203	60.04
<i>fadA</i> -R	5'-CATGGTGGCAAGACCCAGAT-3'		60.03
<i>yjjW</i> -F	5'-CGGCATCCAGAAAATCGCTG-3'	249	59.97
<i>yjjW</i> -R	5'-ATCTGGCTCACCTCACTTGC-3'		60.04
<i>nirD</i> -F	5'-TGCCAACTCAACGACATCCT-3'	211	59.60
<i>nirD</i> -R	5'-GAAAGCGCTGCTTCTTGAGC-3'		60.45
<i>nirC</i> -F	5'-CTCACCTTCGGGGTGAAGAC-3'	206	60.04
<i>nirC</i> -R	5'-TTCATGAACAGGGTCAGGGC-3'		59.96
<i>treB</i> -F	5'-GCCAGCAGCAGGGAGATAAA-3'	249	60.11
<i>treB</i> -R	5'-GATCCTCGGTATCGTGCTGG-3'		60.04
<i>treC</i> -F	5'-GCTCCTGATAATCCCCCTGC-3'	231	59.96
<i>treC</i> -R	5'-CCATTCTCGGTGCCAAGTCT-3'		60.04
<i>l6S</i> -F	5'-AGTACGGCCGCAAGGTAAAA-3'	245	59.96
<i>l6S</i> -R	5'-GTGCTGGCAACAAAGGACAG-3'		59.97
<i>gyrB</i> -F	5'-AAGGCCCGTTTCGACAAGAT-3'	219	59.96
<i>gyrB</i> -R	5'-GATGTAGCCACGCTCGATGA-3'		59.97
