

Table S1 Primer pairs used for qRT-PCR in this study

GeneID	Gene/protein annotation	Primer pair
<i>16s DNA</i>	Transcription	F, 5'-AGGCCTTCGGGTTGTAAAGT-3' R, 5'-GTTAGCCGGTGCTTCTTCTG-3'
<i>RS22505</i>	transcriptional regulator	F,5'-GGCGGCATTCCGGCGATAAT-3' R,5'-TGTTGCATCCATGGCCGGTG-3'
<i>RS00885</i>	AraC family transcriptional regulator	F,5'-ACGGAAACCACCGGACAGGA-3' R,5'-AGCAATTCGCCGGCTACCAC-3'
<i>RS12810</i>	PTS sugar transporter	F,5'-AGCATCATGCCGCCCATTC-3' R,5'-TACGCCGGGCTGCTCATT-3'
<i>RS06450</i>	RNA polymerase sigma factor RpoS	F,5'-GCGAATCCACCAGTTGCGT-3' R,5'-GTGGACTGGCGTTGCTGGAC-3'
<i>RS17410</i>	adhesin	F,5'-GGTGACGATCCCTCGCCAGA-3' R,5'-TCCACGACCTGTCCGGCATT-3'
<i>RS05790</i>	NAD-dependent succinate-semialdehyde dehydrogenase	F,5'-TCGTTTACCGGCTCGACGGA-3' R,5'-CGCGCCTTCGACGGCTTTAT-3'
<i>RS16605</i>	diguanylate cyclase AdrA	F,5'-CTGTCTTTGGCGGCTGGTGG-3' R,5'-ACATGCCGGAGAGGATCGCA-3'
<i>RS10680</i>	protein MgtC	F,5'-CTCGGCGGATAACGGGAGTT-3' R,5'-CATCGGCGTGTATGCGGCT-3'
<i>RS13320</i>	AraC family transcriptional regulator	F,5'-TGGGGCCGAAAAGTCTGCAT-3' R,5'-ACGACATCGTCCGGGGAGTA-3'
<i>RS14135</i>	fimbrial protein	F,5'-AGCCACTGTCCCGTTTCGTTG-3' R,5'-ACCTGCAAGCCCGTCAATTCC-3'
<i>RS06320</i>	invasion protein InvE	F,5'-CTCCAGGCGGAACAACCTGG-3' R,5'-GGCTTATTGCGCGCCAGCTA-3'
<i>RS17740</i>	citrate (pro-3S)-lyase subunit beta	F,5'-CAGCAGTTCGGTGCCTTCCG-3' R,5'-CGGTAGAAATCGCCCACGCC-3'
<i>RS12125</i>	sulfate transporter subunit	F,5'-ACGATCAGGCCAAAGCGCAG-3' R,5'-GTCGCCAGTAGCGCTTCGTT-3'
<i>RS03030</i>	outer membrane protein	F,5'-CACCTCTCATCGGCGTAGCG-3' R,5'-GCGCCAACGTGCAGTACAGA-3'
<i>RS00635</i>	type III secretion system needle protein SsaG	F,5'-AGGCAAATTGCGCTTTAATCATCG-3' R,5'-GGATATGCTCTCCCACATGGCG-3'
<i>RS02025</i>	minor curlin subunit	F,5'-TCCTTCCTGGCGTACTCTGGC-3' R,5'-CTGGGATTGCAACCGCGACA-3'
<i>RS11700</i>	3-ketoacyl-CoA thiolase	F,5'-GAATGCGCCAGACTGGGTGG-3' R,5'-ATGATGGGGCTAACGGCGGA-3'