

**Supplementary material - Table S1. Primers used in this study.**

<b>Gene</b>	<b>Function</b>	<b>Forward 5'-3'</b>	<b>Reverse 5'-3'</b>
<i>narG</i>	Respiratory nitrate reductase 1 alpha chain	TCTATAACCACTCCAGCCAG	CTCTTTCAGGGATTCACCG
<i>papA_1</i>	Pap fimbrial major pilin protein	AGTCTATTGATTTTGGACAACTTTC	GGCAGTAATGTCACAATTAATAAT
<i>fimH</i>	Type 1 fimbriae D-mannose specific adhesin	CGGGTTGTTTATAATTTCGAGAAC	ATCATTATTGGCGTAAATATTCCAC
<i>atoB-C-D</i>	metabolism of Acetyl-CoA	CTGCTCCTCGACGAAATTGG	TGCCTTCTTTCACCATTTGCC
<i>acrF</i>	Multidrug export protein AcrF	GGGTGCTGGCCATTATTCTG	GTTCGATAACCTGCGTCACC
<i>murE-ftsL-ftsL</i>	Peptidoglycan	GGGCGATGGGGAAATTGAAA	GAACACTTCCATACGTCCGC
<i>fliC</i>	flagellin	ATAATCTACGCCGCCAACT	GACTCCATCCAGGACGAAA
<i>flhD</i>	Gene Involved in biofilm formation	ATCGTCTGGTGGCTGTCAA	GTCCGCTATGTTTCGTCTCG
16S	Ribosomal DNA	CCTACGGGNGGCWGCAG	GACTACNVGGGTWTCTAATCC
<i>rpoD</i>	RNA polymerase $\sigma^{70}$ factor	AGCAAAACCCGCAGTCAC	CCATGTCGTTGATCATTTGG