

**Table S2** Primers used for quantitative real time-PCR

<b>Gene (CDS no.)</b>	<b>Sequence of 5'</b>	<b>Sequence of 3'</b>	<b>Production length</b>
GMC family oxidoreductase gene (GenBank: Y903_RS0107765)	TTCCAGGACC TGTCTAAG	TACGCAGTTT CAGCTCTA	169 bp
16S rRNA gene (GenBank: Y903_RS0109280)	AAGTCGGAAT CGCTAGTA	TACGGTTACC TTGTTACG	182 bp