

**Table S1** Primer sequences of osmoadaptive genes

Gene Name	Primer Sequences
<i>TrkH</i>	F: CGGCTTTATCCTCTTTGAC R: CGAAGTCCCTGATAAGCGA
<i>TrkA</i>	F: CCCC GCGTTGTAGAGAAAG R: TCGAAGACGGTGACGTAAT
<i>Kch</i>	F: TGGGTGACCGTCAGAGCAT R: GGTTAGCGGGAGCAGTATC
<i>KefB</i>	F: CGACGGAGTACAACCACGAGATC R: GAGCCCGATCCAGAAGAAGAACAC
<i>TreS</i>	F: FGCTGTTCAAAGAGATGCGG R: CCGCAGGAAGTTCACCCAG
BCCT family transport gene	F: TTCCTGCTCTTGCTGGGTT R: ATGCGGGCAATGAACAGTC
<i>SugA</i>	F: TCTACGAAGAGGCGGATGC R: GGGAAGCGTGTCGTAGATA
<i>16s</i>	F: CAGCCCACAATCCGA ACTA R: GAGACCCGCATCCTTACTT