

Primer pair, PCR annealing temperature and gene fragment size used for MLST for each of the analyzed loci.

Locus	Primer	Sequence	T (°C)	Gene fragment size (bp)
<i>16S</i> <i>rRNA</i>	8F	AGAGTTTGATCCTGGCTCAG	50	1414
	1492R	GGTTACCTTGTACGACTT		
<i>gyrB</i>	<i>gyrB</i> -F	GAAGTGGCKATGCAGTGGAA	56	627
	<i>gyrB</i> -R	CGRCAATACCACAGCCRAG		
<i>rpoS</i>	<i>rpoS</i> -F	AACCGCATGATCGAAAG	50	477 ^a /481
	<i>rpoS</i> -R	CACTTCTCTTTGCTTGGTATT		
<i>adk</i>	<i>adk</i> -F	ATGCGCATTATCCTATTGGG	55	338
	<i>adk</i> -R	TGGTAAACCCGGCCAGAAC		
<i>recA</i>	<i>recA</i> -F	GATCCAAACAAAGAGAARGC	50	672
	<i>recA</i> -R	TTGTTCTTAACCACTTTRAC		
<i>atpB</i>	<i>atpB</i> -F	TTAACACCGCAGGGCTATATC	55	699
	<i>atpB</i> -R	TTAATGATCTTCATGRGCCAT		
<i>mdh</i>	<i>mdh</i> -F	AAGGCGCCTGAGTGCTTTG	55	381
	<i>mdh</i> -R	TCGGCCATCATAGCCACTTC		
<i>guaA</i>	<i>guaA</i> -F	TGCAGTTCCACCCTGAAGT	50	849
	<i>guaA</i> -R	GTCATAAAGTCGATGGTTTC		

^a A 4-bp deletion was observed in the *rpoS* allele of *S. algae* CECT 5071^T.