

Supplementary Table 1. Polymerase chain reaction protocol and primers used to amplify the 16S rRNA region and three housekeeping genes (*dnaX*, *leuS*, and *recA*) in this study

Primer	Sequence	Amplicon size (bp)	Reference
16S rRNA		1,352	Weisburg et al. (1991)
9F	5' - GAG TTT GAT CCT GGC TCA G - 3'		
1512R	5' - ACG GCT ACC TTG TTA CGA CTT - 3'		
	1 cycle (denaturation 94°C 3 min) 35 cycles (denaturation 94°C 1 min, annealing 55°C 1 min, elongation 72°C 1 min 30 sec) 1 cycle (elongation 72°C 7 min) Storage (4°C, ∞)		
<i>dnaX</i>		509	Sławiak et al. (2009)
<i>dnaXF</i>	5' - TAT CAG GTY CTT GCC CGT AAG TGG - 3'		
<i>dnaXR</i>	5' - TCG ACA TCC ARC GCY TGA GAT G - 3'		
	1 cycle (denaturation 94°C 3 min) 35 cycles (denaturation 94°C 1 min, annealing 55°C 1 min, elongation 72°C 2 min) 1 cycle (elongation 72°C 5 min) Storage (4°C, ∞)		
<i>leuS</i>		518	Portier et al. (2019)
<i>leuSF</i>	5' - TYT CCA TGC TGC CYT AYC CT - 3'		
<i>leuSR</i>	5' - TCC AGT TRC GCT GCA TGG TT - 3'		
	1 cycle (denaturation 94°C 10 min) 31 cycles (denaturation 94°C 1 min, annealing 55°C 1 min, elongation 72°C 1 min) 1 cycle (elongation 72°C 5 min) Storage (4°C, ∞)		
<i>recA</i>		715	Waleron et al. (2002)
<i>recAF</i>	5' - GGT AAA GGG TCT ATC ATG CG - 3'		
<i>recAR</i>	5' - CCT TCA CCA TAC ATA ATT TGG - 3'		
	1 cycle (denaturation 94°C 3 min) 35 cycles (denaturation 94°C 1 min, annealing 47°C 1 min, elongation 72°C 1 min) 1 cycle (elongation 72°C 5 min) Storage (4°C, ∞)		

References

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