

Table 1: Primer sequences and optimized quantitative PCR conditions.

Gene	Locus	Description	Primer	Sequence (5'→3')	Binding position	Product size (bp)	Annealing temperature (°C)	Reference
16S rRNA		16S ribosomal RNA	PSD7F	CAAACTACTGAGCTAGAGTACG	186-400	215	55	Matsuda <i>et al.</i> [37]
			PSD7R	TAAGATCTCAAGGATCCCAACGGCT				
<i>groEL</i>	CD0194	60 kDa chaperonin	groEL-F	ATACTGAATTAGATGCTGTTGAAG	544-1069	526	53	Lemèe <i>et al.</i> [38]
			groEL-R	TCTGAAGTAGTTTGCTCTACTTG				
<i>fliC</i>	CD0239	flagellin subunit	fliC-F	GGGGTTAGAATCAAGAGAGC	97-605	509	52	This study
			fliC-R	GTTTTAGCTGCATCTGTTCC				
<i>tcdA</i>	CD0663	toxin A	tcdA-F	GTGATGCAGTTGGGAGTATT	5668-5975	308	55	This study
			tcdA-R	TTAACAGTCTGCCAACCTTT				
	CD1357	putative peptidyl-prolyl isomerase	ppi-F	TAAACCAGAAAGTGCAACTG	333-740	408	53	This study
			ppi-R	ACAAGGTTTCCGTACTIONTAGC				
<i>clpB</i>	CD2020	chaperone	clpB-F	CCTGTAATTGCAGAAGAACC	1018-1527	510	54	This study
			clpB-R	CCCATATTTAACCTCTGCTG				
<i>dnaK</i>	CD2461	chaperone protein	dnaK-F	TGTTAGAAGGTGGAGAAGCA	53-389	337	56	This

		dnaK-R	GTTGCTTGTCTTTGAGCATC				study
CD2532	putative aminotransferase	tr-F	CAGGACCAACTGAACTAGG	26-429	404	55	This study
		tr-R	GCCAGTTGGAGTATCACAAT				
CD2849	putative bifunctional protein	phn-F	GCTTTAGGGGTGTCTCCTAT	523-1101	579	55	This study
		phn-R	CATTCTCTTTCCGTATGCTC				
CD2924	putative phage protein	phg-F	TGGGATTTGAGATAAGTGGT	2-209	208	55	This study
		phg-R	AATTCAAATTCAGTCCCACA				
<i>tpi</i>	triosephosphate isomerase	tpi-F	GCAGGAAACTGGAAAATGCATAA	18-505	488	55	Lemèe <i>et al.</i> [39]
		tpi-R	CAGATTGGCTCATATGCAACAAC				