

Table S1. Primers and probes used in the real-time qPCR and end-point PCR reactions.

Assay	Gene	Primers and Probes	Sequence	Amplicon	Reference
qPCR	<i>rrs</i> (16S)	Lepto F Lepto R probe	5'-CCC GCGTCCGATTAG-3' 5'-TCCATTGTGGCCGRACAC-3' (FAM)5'-CTCACCAAGGCGACGATCGGTAGC-3'(TAMRA)	87 bp	16
nestedPCR	<i>glmU</i>	glmU-FM glmU-RM 1-glmU-2F_M13 1-glmU-2R_M13	AGGATAAGGTCGCTGTGGTA AGTTTTTTCCGGAGTTTCT TGTA AAAACGACGGCCAGT CGYATGAAAACGGATCAG CAGGAAAACAGCTATGACC GGAAGRTARTATTCDCCCTG	650 bp 598 bp	17 18
nestedPCR	<i>pntA</i>	pntA-FM pntA-RM 2-pntA-2F_M13 2-pntA-2R_M13	TAGGAAAARATGAAAACCRGGAAC AAGAAGCAAGATCCACAAYTAC TGTA AAAACGACGGCCAGT ATTTATYTVGGRATGTTYCA CAGGAAAACAGCTATGACC GATTTCATRTTATCYACRAT	621 bp 607 bp	17 18
nestedPCR	<i>sucA</i>	sucA-FM sucA-RM 3-sucA-2F_M13 3-sucA-2R_M13	TCATTCCACTTYTAGATACGAT TCTTTTTTGAATTTTTGACG TGTA AAAACGACGGCCAGT GCSGGTRATCATCWBATGG CAGGAAAACAGCTATGACC GRAAWCCYTTYGCAAGATC	640 bp 552 bp	17 18
nestedPCR	<i>tpiA</i>	tpiA-FM tpiA-RM 4-tpiA-2F_M13 4-tpiA-2R_M13	TTGCAGGAAACTGGAAAATGAAT GTTTTACRGAACCHCCGTAGAGAAT TGTA AAAACGACGGCCAGT ATTTCTYTTACGAATRAAAGARTG CAGGAAAACAGCTATGACC CMCATTCGATYMRAGAAAA	639 bp 555 bp	17 18
nestedPCR	<i>pfkB</i>	pfkB-FM pfkB-RM 5-pf kB-2F_M13 5-pf kB-2R_M13	CGGAGAGTTTTATAARAAGGACAT AGAACACCCGCCGCAAAAACAAT TGTA AAAACGACGGCCAGT GTYGTATCGATCGSYTTC CAGGAAAACAGCTATGACC YYCCSGAAGAYAASGGWCAT	588 bp 540 bp	17 18
nestedPCR	<i>mreA</i>	mreA-FM mreA-RM 6-mreA-2F_M13 6-mreA-2R_M13	GGCTCGCTCTYGACGGAAA TCCR TAACTCATAAAMGACAAAGG TGTA AAAACGACGGCCAGT CRRGAAGYRGTGGATCAGG CAGGAAAACAGCTATGACC CKATCCTTACTYTCRTARCT	719 bp 568 bp	17 18
nestedPCR	<i>caiB</i>	caiB-F caiB-R 7-caiB-2F_M13 7-caiB-2R_M13	CAACTTGCGGAYATAGGAGGAG ATTATGTTCCCGTGAYTCG TGTA AAAACGACGGCCAGT CTTKCTTCRATYTTGGCG CAGGAAAACAGCTATGACC AMCGATATGTWAYMGGRGTT	650 bp 589 bp	17 18