

TABLE S2 Oligonucleotides used for the molecular identification and/or characterization of the protist and helminthic pathogens of canine and feline origin investigated in this study

Target organism	Locus	Oligonucleotide	Sequence (5'–3')	Generated amplicon (bp)	Reference	
<i>Giardia duodenalis</i>	ssu rRNA	Probe	FAM–CCC GCGGCGGTCCCTGCTAG–BHQ1	62	Verweij et al. (2003)	
		Gd-80F	GACGGCTCAGGACAACGGTT			
		Gd-127R	TTGCCAGCGGTGTCCG			
	ssu rRNA	Gia2029	AAGTGTGGTGCAGACGGACTC	300	Appelbee et al. (2003)	
		Gia2150c	CTGCTGCCGTCCTTGGATGT			
		RH11	CATCCGGTCGATCCTGCC			Hopkins et al. (1997)
		RH4	AGTCGAACCCTGATTCTCCGCCAGG			
	gdh	GDHeF	TCAACGTYAAAYCGYGGYTTCCGT	432	Read et al. (2004)	
		GDHiF	CAGTACACCTCYGCTCTCGG			
		GDHiR	GTTRTCCTTGACATCTCC			
	bg	G7_F	AAGCCCGACGACCTCACCCGCAGTGC	511	Cacciò et al. (2002)	
		G759_R	GAGGCCGCCCTGGATCTTCGAGACGAC			
		G99_F	GAACGAACGAGATCGAGGTCCG			Lalle et al. (2005)
		G609_R	CTCGACGAGCTTCGTGTT			
tpi	AL3543	AAATIATGCCTGCTCGTCG	530	Sulaiman et al. (2003)		
	AL3546	CAAACCTTITCCGCAAACC				
	AL3544	CCCTTCATCGGIGGTA ACTT				
	AL3545	GTGGCCACCACICCCGTGCC				

<i>Cryptosporidium</i> spp.	ssu rRNA	CR-P1	CAGGGAGGTAGTGACAAGAA	587	Tiangtip and Jongwutiwes (2002)
		CR-P2	TCAGCCTTGCGACCATACTC		
		CR-P3	ATTGGAGGGCAAGTCTGGTG		
		CPB-DIAGR	TAAGGTGCTGAAGGAGTAAGG		
<i>Cryptosporidium canis</i>	gp60	GP60 Ccanis_F1	ATACTCTGGTCTCCCGTTT	700	Jiang et al. (2020)
		GP60 Ccanis_R1	GTACTIONCGGAAGCGGTGTA		
		GP60 Ccanis_F2	AAGGCGCCTCACTCATT		
		GP60 Ccanis_R2	TCAGTTAGATATCACCCATTAA		
<i>Cryptosporidium parvum</i>	gp60	AL-3531	ATAGTCTCCGCTGTATTC	830	Feltus et al (2006)
		AL-3535	GGAAGGAACGATGTATCT		
		AL-3532	TCCGCTGTATTCTCAGCC		
		AL-3534	GCAGAGGAACCAGCATC		
<i>Blastocystis</i> sp.	ssu rRNA	BhRDr	GAGCTTTTTAACTGCAACAACG	600	Scicluna et al. (2006)
		RD5	ATCTGGTTGATCCTGCCAGT		
<i>Enterocytozoon bieneusi</i>	ITS	EBITS3	GGTCATAGGGATGAAGAG	390	Buckholt et al. (2002)
		EBITS4	TTCGAGTTCTTTCGCGCTC		
		EBITS1	GCTCTGAATATCTATGGCT		
		EBITS2.4	ATCGCCGACGGATCCAAGTG		
<i>Strongyloides stercoralis</i>	ssu rRNA	Stro18S-1530F	GAATTCCAAGTAAACGTAAGTCATTAGC	101	Verweij et al. (2009)
		Stro18S-1630R	TGCCCTCTGGATATTGCTCAGTTC		

bg: β -giardin; *gdh*: Glutamate dehydrogenase; *gp60*: 60Kda glycoprotein; ITS: Internal transcribed spacer; *ssu* rRNA: Small subunit ribosomal RNA; *tpi*: Triose phosphate isomerase.