

Supplementary Table S2. Oligonucleotides used for molecular identification and/or characterisation of *Giardia duodenalis*, *Cryptosporidium* spp. and *Balantioides coli* in the present study.

Target pathogen	Locus	Oligonucleotide	Sequence (5'–3')	Reference
<i>Giardia duodenalis</i>	<i>ssu</i> rRNA	Probe	FAM–CCCGCGGCGGTCCCTGCTAG–BHQ1	Verweij et al. (2003)
		Gd-80F	GACGGCTCAGGACAACGGTT	
		Gd-127R	TTGCCAGCGGTGTCCG	
	<i>ssu</i> rRNA	Gia2029	AAGTGTGGTGCAGACGGACTC	Appelbee et al. (2003)
		Gia2150c	CTGCTGCCGTCCTTGGATGT	
		RH11	CATCCGGTCGATCCTGCC	
	<i>gdh</i>	RH4	AGTCGAACCCTGATTCTCCGCCAGG	Hopkins et al. (1997)
		GDHeF	TCAACGTYAAYCGYGGYTTCCGT	
		GDHiF	CAGTACACCTCYGCTCTCGG	
	<i>bg</i>	GDHiR	GTTRTCCTTGCACATCTCC	Read et al. (2004)
		G7_F	AAGCCCGACGACCTCACCCGCAGTGC	
		G759_R	GAGGCCGCCCTGGATCTTCGAGACGAC	
		G99_F	GAACGAACGAGATCGAGGTCCG	
	<i>tpi</i>	G609_R	CTCGACGAGCTTCGTGTT	Lalle et al. (2005)
AL3543		AAATIATGCCTGCTCGTCG		
AL3546		CAAACCTTITCCGCAAACC		

		AL3544	CCCTTCATCGGIGGTAACTT	
		AL3545	GTGGCCACCACICCCGTGCC	
<i>Cryptosporidium</i> spp.	<i>ssu</i> rRNA	CR-P1	CAGGGAGGTAGTGACAAGAA	Tiangtip and Jongwutiwes (2002)
		CR-P2	TCAGCCTTGCGACCATACTC	
		CR-P3	ATTGGAGGGCAAGTCTGGTG	
		CPB-DIAGR	TAAGGTGCTGAAGGAGTAAGG	
<i>Cryptosporidium canis</i>	<i>gp60</i>	GP60-Canis-F1	ATACTCTGGTCTCCCGTTT	Jiang et al. (2021)
		GP60-Canis-R1	GTACTCGGAAGCGGTGTA	
		GP60-Canis-F2	AAGGCGCCTCACTCATT	
		GP60-Canis-R2	TCAGTTAGATATCACCCATTAA	
<i>Cryptosporidium felis</i>	<i>gp60</i>	CF_F1	TTT CCG TTA TTG TTG CAG TTG CA	Rojas-Lopez et al. (2020)
		CF_R1	ATC GGA ATC CCA CCA TCG AAC	
		CF_F2	GGG GGT TCT GAA GGA TGT AA	
		CF_R2	CGG TGG TCT CCT CAG TCT TC	
<i>Cryptosporidium ryanae</i>	<i>gp60</i>	Ry-gp60-F1	GCTCGAGTTCTGAGTCGA	Yang et al. (2020)
		Ry-gp60-F2	CCTCAGATAATGAGCAGTCTA	
		Ry-gp60-F3	TCTACCGTTCAGACTGAAGCT	
		Ry-gp60-F4	AGTTCTGATTCAAGTAACGGTGA	
		Ry-gp60-F5	GTCGACCTCAGGTAATGAGCA	

		Ry-gp60-F6	GTCTAGTTCTTCTGATCAAGTTG	
		Ry-gp60-R1	ATACCGTTAAAATGAAGGCCAA	
		Ry-gp60-R2	GATGGGATAACATATCTATAACCAAA	
<i>Cryptosporidium ubiquitum</i>	<i>gp60</i>	Ubi-18S-F1	TTTACCCACACATCTGTAGCGTCG	Li et al. (2014)
		Ubi-18S-R1	ACGGACGGAATGATGTATCTGA	
		Ubi-18S-F2	ATAGGTGATAATTAGTCAGTCTTTAAT	
		Ubi-18S-R2	TCCAAAAGCGGCTGAGTCAGCATC	
<i>Balantioides coli</i>	ITS	B5D	GCTCCTACCGATACCGGGT	Ponce-Gordo et al. (2011)
		B5RC	GCGGGTCATCTTACTTGATTTC	

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