

TABLE S1 PCR cycling conditions 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	Temperature and time						Reference
		Initial denaturation	Denaturation	Annealing	Extension	No. cycles	Final extension	
<i>Giardia duodenalis</i>	<i>ssu</i> rRNA	95°C 15 min	95°C 15 s	60°C 1 min	72°C 30 s	45	–	Verweij et al. (2003)
	<i>ssu</i> rRNA	95°C 2 min	95°C 45 s	58/55°C 30 s	72°C 45 s	35	72°C 4 min	Appelbee et al. (2003)
	<i>gdh</i>	95°C 3 min	95°C 30 s	55°C 30 s	72°C 1 min	35	72°C 7 min	Read et al. (2004)
	<i>bg</i>	95°C 7 min	95°C 30 s	65/55°C 30 s	72°C 1 min	35	72°C 7 min	Lalle et al. (2005)
	<i>tpi</i>	94°C 5 min	94°C 45 s	50°C 45 s	72°C 1 min	35	72°C 10 min	Sulaiman et al. (2003)
<i>Cryptosporidium</i> spp.	<i>ssu</i> rRNA	94°C 3 min	94°C 40 s	50°C 40 s	72°C 1 min	35	72°C 10 min	Tiangtip and Jongwutiwes (2002)
<i>Cryptosporidium canis</i>	<i>gp60</i>	94°C 5 min	94°C 45 s	52°C 45 s	72°C 80 s	35	72°C 10 min	Jiang et al. (2021)
<i>Cryptosporidium canis</i>	<i>gp60</i>	94°C 5 min	94°C 45 s	59/50°C 45 s	72°C 1 min	35	72°C 10 min	Feltus et al. (2006)
<i>Blastocystis</i> sp.	<i>ssu</i> rRNA	95°C 3 min	94°C 1 min	59°C 1 min	72°C 1 min	30	72°C 2 min	Sciicluna et al. (2006)
<i>Enterocytozoon bieneusi</i>	ITS	94°C 3 min	94°C 30 s	57/55°C 30 s	72°C 40 s	35	72°C 10 min	Buckholt et al. (2002)
<i>Strongyloides</i> spp.	<i>ssu</i> rRNA	95°C 15 min	95°C 10 s	60°C 10 s	72°C 30 s	50	–	Saugar et al. (2015)

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