

Supplementary Material Table SM2. Description of primers and target genes used in the on conventional PCR assays to detect piroplasmids, *Hepatozoon* spp., and filariids in avian samples from the Brazilian Pantanal.

Agents	Sequences (5'-3')	Length (bp)	Target Gene	Reference
<i>Babesia</i> spp.	BTF1 (external)	900	18S rRNA	(Jefferies et al., 2007)
	GGCTCATTACAACAGTTATAG			
	BTR1 (external)	830		
	CCCAAAGACTTTGATTCTCTC			
	BTF2 (internal)			
	CCGTGCTAATTGTAGGGCTAATAC			
<i>Hepatozoon</i> spp.	BTR2 (internal)	900	18S rRNA	(Perkins & Keller, 2001)
	GGACTACGACGGTATCTGATCG			
	HEMO1			
	TATTGGTTTTAAGAACTAATTTTATGATTG			
<i>Hepatozoon</i> spp.	HEMO2	600	18S rRNA	(Ujvari et al., 2004)
	CTTCTCCTTCCTTTAAGTGATAAGGTTTACAC			
	HepF300			
	GTTTCTGACCTATCAGCTTTTCGACG			
Filariids	Hep900	650	cox-1	(Casiraghi et al., 2001)
	CAAATCTAAGAATTTACCTCTGAC			
	NTF-coxF			
	TGATTGGTGTTTTTGGTAA			
Filariids	NTR-coxR	998	12S rRNA	(Hayashi et al., 2024)
	ATAAGTACGAGTATCAATATC			
	988F			
	CTCAAAGATTAAGCCATGC			
Filariids	1912R	855	28S rRNA	(Hayashi et al., 2024)
	TTTACGGTCAGAACTAGGG			
	Nematode 1			
	GCGGAGGAAAAGAACTAA			
	Nematode 2			
	ATCCGTGTTTCAAGACGGG			

References

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