

**Table S1.** List of the eight primer pairs for PCR amplification and their positions in the mitogenome of *Toxocara vitulorum*

Primer name	Location based on <i>T. vitulorum</i> mitogenome	Primer sequence (5' to 3')	
Tv-1	14907~14932 1393~1404	Forward:	CACGAATGTGTACTAAATAATAAATA
		Reverse:	CGGTCAAAGCCAAAGG
Tv-2	1042~1069 2870~2897	Forward:	CAGTTTTTGTTTTATTTGAAGGAAGGTA
		Reverse:	CTTTCTAGAAGGCAAACCTAACCAACCATA
Tv-3	2574~2598 4772~4799	Forward:	GTTGTTCCCTTGACGGTGGTTTTTG
		Reverse:	CTAAAGCAGCCCAAACACAATACAACCT
Tv-4	4371~4390 7229~7253	Forward:	TTTTGGGGTGCCGTTACTTA
		Reverse:	TAAACAGGAAAAATAAACCAAGCAC
Tv-5	6838~6868 9560~9589	Forward:	GACTGATCGTAATTTGAATACTTCTTTTTTT
		Reverse:	TACTAAAAGAAGAACAGTCTAAAACCCCA
Tv-6	9220~9240 11359~11379	Forward:	GAGGACATTAAGGTAGCAAAA
		Reverse:	TAAAAAAGACAAAGGAGCAAA
Tv-7	10973~10996 13453~13475	Forward:	AGCAGGATGGTCGTAATTATAGTA
		Reverse:	TTTCACAAATTTTTTCGAGACA
Tv-8	13222~13242 14778~15021	Forward:	GCCTATAGGGGAGTAAGTTGT
		Reverse:	ATAAGTAAAGGTATATAAGGGGTT