

***Diaphanocephalus galeatus* (Nematoda: Diaphanocephalidae), a poorly known parasite of lizards: redescription, first genetic characterization and a revision of its congeners from Brazil**

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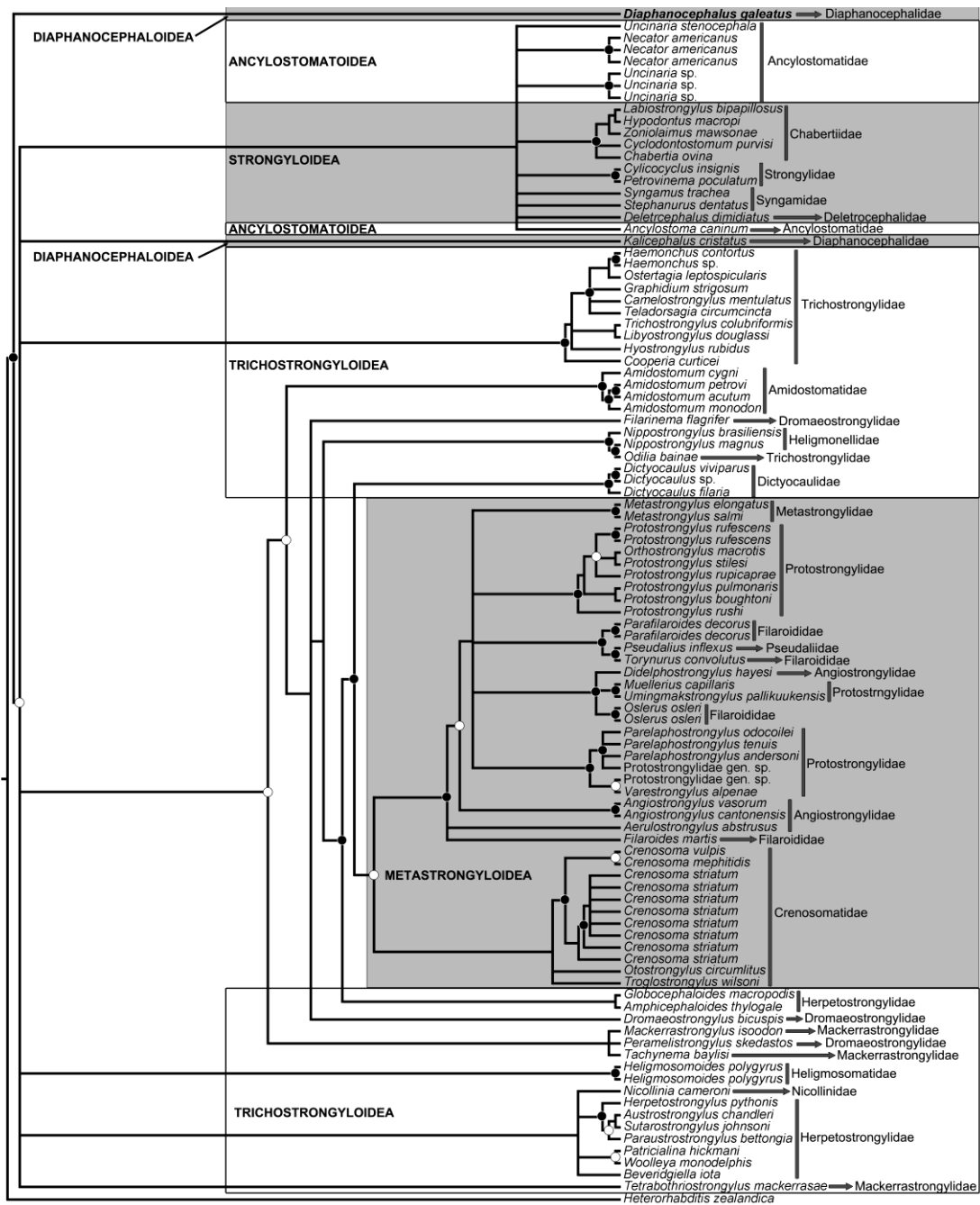


Figure S1. Tree inferred based on Bayesian inference of sequences of D2–D3 region of the 28S rRNA gene, from representatives of Strongyloida (*sensu* Anderson *et al.*, 2009). The model of evolution was the GRT+I+G. Full and empty circles represent high and moderate nodal support, i.e., Bayesian posterior probability > 0.96 and 0.90–0.95, respectively (4×10^6 generations, sampling frequency = 4×10^3 , bur-in = 1×10^6). Specimen in bold is from the present study. *Heterorhabditis zealandica* was used as outgroup.

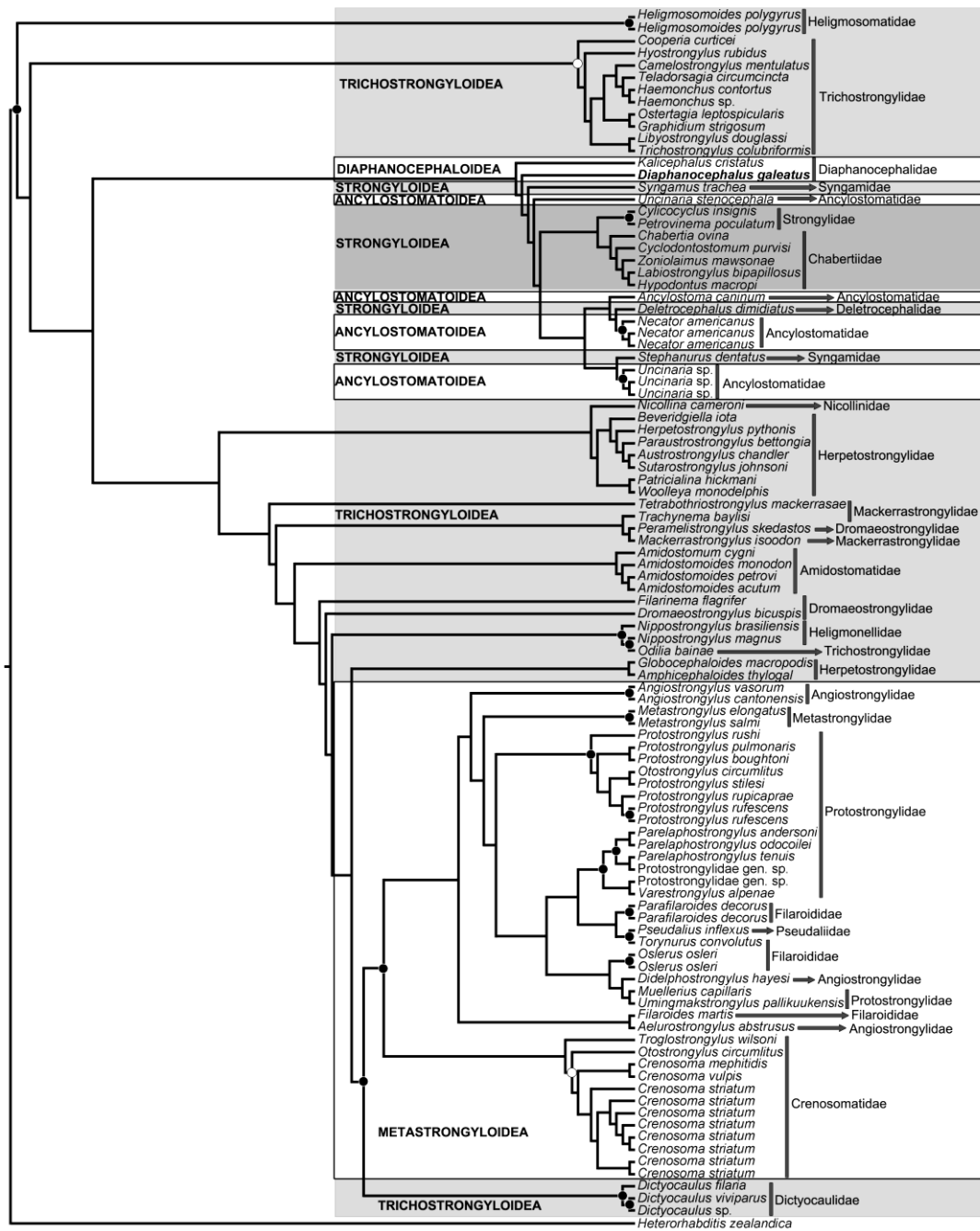


Figure S2. Tree inferred based on maximum likelihood of sequences of D2–D3 region of the 28S rRNA gene, from representatives of Strongylida (*sensu* Anderson *et al.*, 2009). The model of evolution was the GRT+I+G. Full and empty circles represent high and moderate nodal support, i.e., bootstrap values > 96% and 86–95%, respectively (1,000 replications). Specimen in bold is from the present study. *Heterorhabditis zealandica* was used as outgroup.

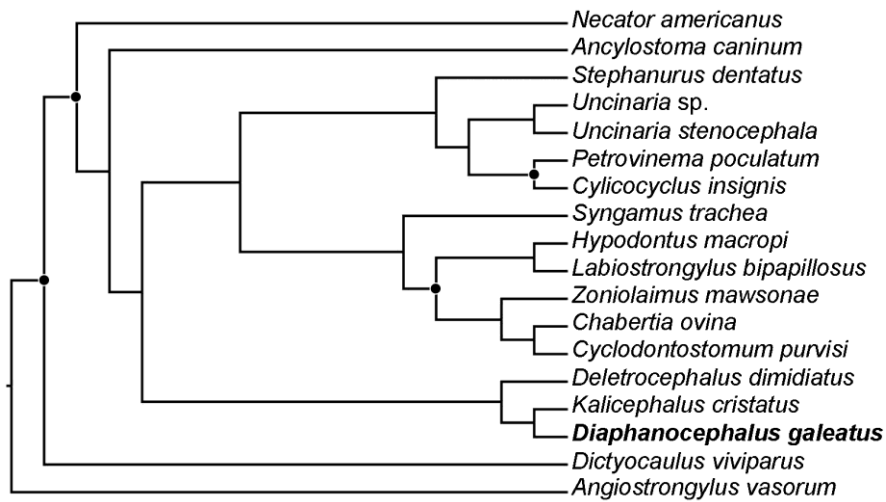


Figure S3. Tree inferred based on maximum likelihood of sequences of D2–D3 region of the 28S rRNA gene, from representatives of Ancylostomatoidea, Diaphanocephaloidea and Strongyloidea. The model of evolution was the TVM+I+G. Full and empty circles represent high and moderate nodal support, i.e., bootstrap values > 96% and 86–95%, respectively (1,000 replications). Specimen in bold is from the present study. *Angiostrongylus vasorum* and *Dictyocaulus viviparus* were used as outgroups.

Table S1. List of nematode species from which the sequence of the domains D2–D3 of large subunit ribosomal rRNA gene was retrieved from GenBank and used in preliminary phylogenetic reconstructions, associated with its accession numbers.

Species in bold represents the outgroup.

Species name	Accession number	Species name	Accession number
<i>Aelurostrongylus abstrusus</i>	AM039759	<i>Muellerius capillaris</i>	AY292798
<i>Amidostomoides acutum</i>	KJ186097	<i>Necator americanus</i>	KU180694
<i>Amidostomoides monodon</i>	KJ186098	<i>Necator americanus</i>	AM039740
<i>Amidostomoides petrovi</i>	KJ186096	<i>Necator americanus</i>	AF217868
<i>Amidostomum cygni</i>	AM039745	<i>Nicollina cameroni</i>	AM039749
<i>Amphicephaloides thylogale</i>	LN715232	<i>Nippostrongylus brasiliensis</i>	AM039748
<i>Ancylostoma caninum</i>	AM039739	<i>Nippostrongylus magnus</i>	LN715229
<i>Angiostrongylus cantonensis</i>	AY292792	<i>Odilia bainaie</i>	LN846131
<i>Angiostrongylus vasorum</i>	AM039758	<i>Orthostrongylus macrotis</i>	EU595592
<i>Austrostrongylus chandleri</i>	LN715224	<i>Oslerus osleri</i>	AY292800
<i>Beveridgiella iota</i>	LN715228	<i>Oslerus osleri</i>	JX185314
<i>Camelostongylus mentulatus</i>	LN715234	<i>Ostertagia leptospicularis</i>	AM039744
<i>Chabertia ovina</i>	AM039733	<i>Otostrongylus circumlitus</i>	AY292801
<i>Cooperia curticei</i>	LN715235	<i>Parafilaroides decorus</i>	AY292802
<i>Crenosoma mephitidis</i>	AY292793	<i>Parafilaroides decorus</i>	AM039757
<i>Crenosoma striatum</i>	KJ579492	<i>Paraustrostrongylus bettongia</i>	LN715226
<i>Crenosoma striatum</i>	KJ579493	<i>Parelaphostrongylus andersoni</i>	EU595597
<i>Crenosoma striatum</i>	KJ579500	<i>Parelaphostrongylus odocoilei</i>	AY292803
<i>Crenosoma striatum</i>	KJ579512	<i>Parelaphostrongylus tenuis</i>	EU595594
<i>Crenosoma striatum</i>	KJ579528	<i>Patricialina hickmani</i>	LN715227
<i>Crenosoma striatum</i>	KJ579557	<i>Peramelistrongylus skedastos</i>	LN715222
<i>Crenosoma striatum</i>	KJ579578	<i>Petrovinema poculatum</i>	AM039735
<i>Crenosoma striatum</i>	KJ579576	<i>Protostrongylus boughtoni</i>	EU595595
<i>Crenosoma vulpis</i>	AM039760	<i>Protostrongylus pulmonalis</i>	EU595590
<i>Cyclodontostomum purvisi</i>	AM039732	<i>Protostrongylus rufescens</i>	AM039756
<i>Cylicocyclus insignis</i>	AM039734	<i>Protostrongylus rufescens</i>	EU595600
<i>Deletrocephalus dimidiatus</i>	AM039738	<i>Protostrongylus rupicaprae</i>	EU595601
<i>Dictyocaulus filarial</i>	AM039754	<i>Protostrongylus rushi</i>	EU595598

<i>Dictyocaulus viviparus</i>	AM039753	<i>Protostrongylus stilesi</i>	EU595599
<i>Dictyocaulus</i> sp.	FJ589013	Protostrongylidae gen. sp.	EU595602
<i>Didelphostrongylus hayesi</i>	AY292794	Protostrongylidae gen. sp.	JN122348
<i>Dromaeostrongylus bicuspis</i>	LN715218	<i>Pseudalius inflexus</i>	AY292804
<i>Filarinema flagrifer</i>	AM039746	<i>Stephanurus dentatus</i>	AM039737
<i>Filaroides martis</i>	AY292795	<i>Sutarostrongylus johnsoni</i>	LN715225
<i>Globocephaloides macropodis</i>	LN715231	<i>Syngamus trachea</i>	AM039736
<i>Graphidium strigosum</i>	LN715219	<i>Tachynema baylisi</i>	LN715223
<i>Haemonchus contortus</i>	AM039742	<i>Teladorsagia circumcincta</i>	LN715236
<i>Haemonchus</i> sp.	AY292796	<i>Tetrabothriostongylus mackerrasae</i>	AM039751
<i>Heligmosomoides polygyrus</i>	AM039747	<i>Torynurus convolutus</i>	AY292806
<i>Heligmosomoides polygyrus</i>	LN715230	<i>Trichostrongylus colubriformis</i>	AM039743
<i>Herpetostrongylus pythonis</i>	AM039750	<i>Troglostrongylus wilsoni</i>	AY292807
<i>Heterorhabditis zealandica</i>	AM039761	<i>Umingmakstrongylus pallikuukensis</i>	EU595591
<i>Hyostrongylus rubidus</i>	LN715237	<i>Uncinaria</i> sp.	AF217879
<i>Hypodontus macropi</i>	AM039731	<i>Uncinaria</i> sp.	AF217888
<i>Kalicephalus cristatus</i> *	AM039741	<i>Uncinaria</i> sp.	AF217870
<i>Labiostrongylus bipapillosus</i>	AJ512837	<i>Uncinaria stenocephala</i>	AF217867
<i>Libyostrongylus douglassi</i>	LN715233	<i>Varestrongylus alpenae</i>	EU595603
<i>Mackerrastrongylus isoodon</i>	LN715221	<i>Woolleya monodelphis</i>	LN846132
<i>Metastrongylus elongatus</i>	AM039755	<i>Zoniolaimus mawsonae</i>	AM039730
<i>Metastrongylus salmi</i>	AY292797		

*Possible wrong nomination, the correct probably is *Kalicephalus costatus indicus*

Ortlepp, 1923.

Table S2. Patristic distances between representatives of Ancylostomatoidea, Diaphanocephaloidea, Strongyloidea and selected representatives of Metastrongyloidea and Trichostrongyloidea, estimated from maximum likelihood (ML) and Bayesian inference trees (BI), and their differences (ML-BI). Genetic sequences are from the large subunit of the nuclear rDNA (28S) and were retrieved from GenBank. Patristic distances related to *D. galeatus* are in bold.

Taxon 1	Taxon 2	Patristic distances ML	Patristic distances BI	Patristic distances (ML-BI)
<i>Angiostrongylus vasorum</i>	<i>Dictyocaulus viviparus</i>	0.711	0.394	0.317
<i>Angiostrongylus vasorum</i>	<i>Uncinaria stenocephala</i>	0.582	0.296	0.286
<i>Angiostrongylus vasorum</i>	<i>Uncinaria</i> sp.	0.610	0.311	0.299
<i>Angiostrongylus vasorum</i>	<i>Cylicocyclus insignis</i>	0.595	0.303	0.292
<i>Angiostrongylus vasorum</i>	<i>Petrovinema poculatum</i>	0.605	0.309	0.296
<i>Angiostrongylus vasorum</i>	<i>Labiostrongylus bipapillosus</i>	0.601	0.307	0.294
<i>Angiostrongylus vasorum</i>	<i>Hypodontus macropi</i>	0.617	0.317	0.300
<i>Angiostrongylus vasorum</i>	<i>Zoniolaimus mawsonae</i>	0.604	0.309	0.295
<i>Angiostrongylus vasorum</i>	<i>Cyclodontostomum purvisi</i>	0.606	0.311	0.295
<i>Angiostrongylus vasorum</i>	<i>Chabertia ovina</i>	0.588	0.301	0.287
<i>Angiostrongylus vasorum</i>	<i>Syngamus trachea</i>	0.677	0.346	0.331
<i>Angiostrongylus vasorum</i>	<i>Stephanurus dentatus</i>	0.652	0.328	0.324
<i>Angiostrongylus vasorum</i>	<i>Deletrocephalus dimidiatus</i>	0.660	0.339	0.321
<i>Angiostrongylus vasorum</i>	<i>Kalicephalus cristatus</i>	0.650	0.327	0.323
<i>Angiostrongylus vasorum</i>	<i>Diaphanocephalus galeatus</i>	0.654	0.335	0.319
<i>Angiostrongylus vasorum</i>	<i>Ancylostoma caninum</i>	0.553	0.286	0.267
<i>Angiostrongylus vasorum</i>	<i>Necator americanus</i>	0.525	0.317	0.208
<i>Dictyocaulus viviparus</i>	<i>Uncinaria stenocephala</i>	1.071	0.555	0.516
<i>Dictyocaulus viviparus</i>	<i>Uncinaria</i> sp.	1.100	0.570	0.530

<i>Dictyocaulus viviparus</i>	<i>Cylicocyclus insignis</i>	1.084	0.562	0.522
<i>Dictyocaulus viviparus</i>	<i>Petrovinema poculatum</i>	1.095	0.568	0.527
<i>Dictyocaulus viviparus</i>	<i>Labiostrongylus bipapillosus</i>	1.091	0.566	0.525
<i>Dictyocaulus viviparus</i>	<i>Hypodontus macropi</i>	1.107	0.576	0.531
<i>Dictyocaulus viviparus</i>	<i>Zoniolaimus mawsonae</i>	1.094	0.568	0.526
<i>Dictyocaulus viviparus</i>	<i>Cyclodontostomum purvisi</i>	1.096	0.570	0.526
<i>Dictyocaulus viviparus</i>	<i>Chabertia ovina</i>	1.078	0.560	0.518
<i>Dictyocaulus viviparus</i>	<i>Syngamus trachea</i>	1.167	0.605	0.562
<i>Dictyocaulus viviparus</i>	<i>Stephanurus dentatus</i>	1.142	0.587	0.555
<i>Dictyocaulus viviparus</i>	<i>Deletrocephalus dimidiatus</i>	1.150	0.598	0.552
<i>Dictyocaulus viviparus</i>	<i>Kalicephalus cristatus</i>	1.140	0.586	0.554
<i>Dictyocaulus viviparus</i>	<i>Diaphanocephalus galeatus</i>	1.144	0.594	0.550
<i>Dictyocaulus viviparus</i>	<i>Ancylostoma caninum</i>	1.043	0.545	0.498
<i>Dictyocaulus viviparus</i>	<i>Necator americanus</i>	1.015	0.576	0.439
<i>Uncinaria stenocephala</i>	<i>Uncinaria</i> sp.	0.041	0.024	0.017
<i>Uncinaria stenocephala</i>	<i>Cylicocyclus insignis</i>	0.037	0.025	0.012
<i>Uncinaria stenocephala</i>	<i>Petrovinema poculatum</i>	0.048	0.031	0.017
<i>Uncinaria stenocephala</i>	<i>Labiostrongylus bipapillosus</i>	0.062	0.042	0.020
<i>Uncinaria stenocephala</i>	<i>Hypodontus macropi</i>	0.078	0.051	0.027
<i>Uncinaria stenocephala</i>	<i>Zoniolaimus mawsonae</i>	0.066	0.044	0.022
<i>Uncinaria stenocephala</i>	<i>Cyclodontostomum purvisi</i>	0.067	0.045	0.022
<i>Uncinaria stenocephala</i>	<i>Chabertia ovina</i>	0.049	0.035	0.014
<i>Uncinaria stenocephala</i>	<i>Syngamus trachea</i>	0.138	0.080	0.058
<i>Uncinaria stenocephala</i>	<i>Stephanurus dentatus</i>	0.107	0.063	0.044
<i>Uncinaria stenocephala</i>	<i>Deletrocephalus dimidiatus</i>	0.127	0.073	0.054

<i>Uncinaria stenocephala</i>	<i>Kalicephalus cristatus</i>	0.117	0.062	0.055
<i>Uncinaria stenocephala</i>	<i>Diaphanocephalus galeatus</i>	0.121	0.069	0.052
<i>Uncinaria stenocephala</i>	<i>Ancylostoma caninum</i>	0.041	0.021	0.020
<i>Uncinaria stenocephala</i>	<i>Necator americanus</i>	0.117	0.052	0.065
<i>Uncinaria</i> sp.	<i>Cylicocyclus insignis</i>	0.066	0.040	0.026
<i>Uncinaria</i> sp.	<i>Petrovinema poculatum</i>	0.077	0.046	0.031
<i>Uncinaria</i> sp.	<i>Labiostrogylus bipapillosus</i>	0.091	0.057	0.034
<i>Uncinaria</i> sp.	<i>Hypodontus macropi</i>	0.107	0.066	0.041
<i>Uncinaria</i> sp.	<i>Zoniolaimus mawsonae</i>	0.094	0.059	0.035
<i>Uncinaria</i> sp.	<i>Cyclodontostomum purvisi</i>	0.096	0.060	0.036
<i>Uncinaria</i> sp.	<i>Chabertia ovina</i>	0.078	0.050	0.028
<i>Uncinaria</i> sp.	<i>Syngamus trachea</i>	0.167	0.095	0.072
<i>Uncinaria</i> sp.	<i>Stephanurus dentatus</i>	0.136	0.078	0.058
<i>Uncinaria</i> sp.	<i>Deletrocephalus dimidiatus</i>	0.156	0.088	0.068
<i>Uncinaria</i> sp.	<i>Kalicephalus cristatus</i>	0.146	0.077	0.069
<i>Uncinaria</i> sp.	<i>Diaphanocephalus galeatus</i>	0.150	0.084	0.066
<i>Uncinaria</i> sp.	<i>Ancylostoma caninum</i>	0.070	0.036	0.034
<i>Uncinaria</i> sp.	<i>Necator americanus</i>	0.145	0.067	0.078
<i>Cylicocyclus insignis</i>	<i>Petrovinema poculatum</i>	0.014	0.010	0.004
<i>Cylicocyclus insignis</i>	<i>Labiostrogylus bipapillosus</i>	0.075	0.048	0.027
<i>Cylicocyclus insignis</i>	<i>Hypodontus macropi</i>	0.091	0.058	0.033
<i>Cylicocyclus insignis</i>	<i>Zoniolaimus mawsonae</i>	0.079	0.050	0.029
<i>Cylicocyclus insignis</i>	<i>Cyclodontostomum purvisi</i>	0.080	0.052	0.028
<i>Cylicocyclus insignis</i>	<i>Chabertia ovina</i>	0.062	0.042	0.020
<i>Cylicocyclus insignis</i>	<i>Syngamus trachea</i>	0.151	0.086	0.065
<i>Cylicocyclus insignis</i>	<i>Stephanurus dentatus</i>	0.120	0.069	0.051
<i>Cylicocyclus insignis</i>	<i>Deletrocephalus dimidiatus</i>	0.140	0.080	0.060
<i>Cylicocyclus insignis</i>	<i>Kalicephalus cristatus</i>	0.131	0.068	0.063
<i>Cylicocyclus insignis</i>	<i>Diaphanocephalus galeatus</i>	0.134	0.076	0.058

	<i>Ancylostoma</i>			
<i>Cylicocyclus insignis</i>	<i>caninum</i>	0.054	0.027	0.027
<i>Cylicocyclus insignis</i>	<i>Necator americanus</i>	0.130	0.058	0.072
<i>Petrovinema poculatum</i>	<i>Labiostrongylus bipapillosus</i>	0.086	0.054	0.032
<i>Petrovinema poculatum</i>	<i>Hypodontus macropi</i>	0.102	0.064	0.038
<i>Petrovinema poculatum</i>	<i>Zoniolaimus mawsonae</i>	0.089	0.056	0.033
<i>Petrovinema poculatum</i>	<i>Cyclodontostomum purvisi</i>	0.091	0.058	0.033
<i>Petrovinema poculatum</i>	<i>Chabertia ovina</i>	0.073	0.048	0.025
<i>Petrovinema poculatum</i>	<i>Syngamus trachea</i>	0.162	0.092	0.070
<i>Petrovinema poculatum</i>	<i>Stephanurus dentatus</i>	0.130	0.075	0.055
<i>Petrovinema poculatum</i>	<i>Deletrocephalus dimidiatus</i>	0.151	0.086	0.065
<i>Petrovinema poculatum</i>	<i>Kalicephalus cristatus</i>	0.142	0.075	0.067
<i>Petrovinema poculatum</i>	<i>Diaphanocephalus galeatus</i>	0.145	0.082	0.063
<i>Petrovinema poculatum</i>	<i>Ancylostoma caninum</i>	0.065	0.034	0.031
<i>Petrovinema poculatum</i>	<i>Necator americanus</i>	0.141	0.065	0.076
<i>Labiostrongylus bipapillosus</i>	<i>Hypodontus macropi</i>	0.041	0.026	0.015
<i>Labiostrongylus bipapillosus</i>	<i>Zoniolaimus mawsonae</i>	0.047	0.031	0.015
<i>Labiostrongylus bipapillosus</i>	<i>Cyclodontostomum purvisi</i>	0.048	0.033	0.015
<i>Labiostrongylus bipapillosus</i>	<i>Chabertia ovina</i>	0.030	0.023	0.007
<i>Labiostrongylus bipapillosus</i>	<i>Syngamus trachea</i>	0.157	0.091	0.066
<i>Labiostrongylus bipapillosus</i>	<i>Stephanurus dentatus</i>	0.133	0.074	0.059
<i>Labiostrongylus bipapillosus</i>	<i>Deletrocephalus dimidiatus</i>	0.147	0.085	0.062
<i>Labiostrongylus bipapillosus</i>	<i>Kalicephalus cristatus</i>	0.137	0.073	0.064
<i>Labiostrongylus bipapillosus</i>	<i>Diaphanocephalus galeatus</i>	0.141	0.080	0.060
<i>Labiostrongylus bipapillosus</i>	<i>Ancylostoma caninum</i>	0.061	0.032	0.029
<i>Labiostrongylus bipapillosus</i>	<i>Necator americanus</i>	0.136	0.063	0.073
<i>Hypodontus macropi</i>	<i>Zoniolaimus</i>	0.062	0.041	0.022

	<i>mawsonae</i>			
	<i>Cyclodontostomum</i>			
<i>Hypodontus macropi</i>	<i>purvisi</i>	0.064	0.043	0.021
<i>Hypodontus macropi</i>	<i>Chabertia ovina</i>	0.046	0.033	0.013
<i>Hypodontus macropi</i>	<i>Syngamus trachea</i>	0.173	0.101	0.072
	<i>Stephanurus</i>			
<i>Hypodontus macropi</i>	<i>dentatus</i>	0.149	0.084	0.065
	<i>Deletrocephalus</i>			
<i>Hypodontus macropi</i>	<i>dimidiatus</i>	0.163	0.094	0.068
	<i>Kalicephalus</i>			
<i>Hypodontus macropi</i>	<i>cristatus</i>	0.153	0.083	0.071
	<i>Diaphanocephalus</i>			
<i>Hypodontus macropi</i>	<i>galeatus</i>	0.157	0.090	0.067
	<i>Ancylostoma</i>			
<i>Hypodontus macropi</i>	<i>caninum</i>	0.077	0.042	0.035
<i>Hypodontus macropi</i>	<i>Necator americanus</i>	0.152	0.073	0.080
<i>Zoniolaimus</i>	<i>Cyclodontostomum</i>			
<i>mawsonae</i>	<i>purvisi</i>	0.045	0.029	0.017
<i>Zoniolaimus</i>				
<i>mawsonae</i>	<i>Chabertia ovina</i>	0.028	0.019	0.009
<i>Zoniolaimus</i>				
<i>mawsonae</i>	<i>Syngamus trachea</i>	0.160	0.093	0.067
<i>Zoniolaimus</i>	<i>Stephanurus</i>			
<i>mawsonae</i>	<i>dentatus</i>	0.137	0.076	0.060
<i>Zoniolaimus</i>	<i>Deletrocephalus</i>			
<i>mawsonae</i>	<i>dimidiatus</i>	0.150	0.087	0.064
<i>Zoniolaimus</i>	<i>Kalicephalus</i>			
<i>mawsonae</i>	<i>cristatus</i>	0.141	0.075	0.066
<i>Zoniolaimus</i>	<i>Diaphanocephalus</i>			
<i>mawsonae</i>	<i>galeatus</i>	0.144	0.082	0.062
<i>Zoniolaimus</i>	<i>Ancylostoma</i>			
<i>mawsonae</i>	<i>caninum</i>	0.064	0.034	0.030
<i>Zoniolaimus</i>				
<i>mawsonae</i>	<i>Necator americanus</i>	0.140	0.065	0.075
<i>Cyclodontostomum</i>				
<i>purvisi</i>	<i>Chabertia ovina</i>	0.018	0.012	0.006
<i>Cyclodontostomum</i>				
<i>purvisi</i>	<i>Syngamus trachea</i>	0.162	0.095	0.067
<i>Cyclodontostomum</i>	<i>Stephanurus</i>			
<i>purvisi</i>	<i>dentatus</i>	0.138	0.078	0.060
<i>Cyclodontostomum</i>	<i>Deletrocephalus</i>			
<i>purvisi</i>	<i>dimidiatus</i>	0.152	0.088	0.063
<i>Cyclodontostomum</i>	<i>Kalicephalus</i>			
<i>purvisi</i>	<i>cristatus</i>	0.142	0.077	0.065
<i>Cyclodontostomum</i>	<i>Diaphanocephalus</i>			
<i>purvisi</i>	<i>galeatus</i>	0.146	0.084	0.062
<i>Cyclodontostomum</i>	<i>Ancylostoma</i>			
<i>purvisi</i>	<i>caninum</i>	0.066	0.036	0.030
<i>Cyclodontostomum</i>				
<i>purvisi</i>	<i>Necator americanus</i>	0.141	0.067	0.074

<i>Chabertia ovina</i>	<i>Syngamus trachea</i>	0.144	0.085	0.059
	<i>Stephanurus</i>			
<i>Chabertia ovina</i>	<i>dentatus</i>	0.120	0.068	0.052
	<i>Deletrocephalus</i>			
<i>Chabertia ovina</i>	<i>dimidiatus</i>	0.134	0.079	0.055
	<i>Kalicephalus</i>			
<i>Chabertia ovina</i>	<i>cristatus</i>	0.124	0.067	0.057
	<i>Diaphanocephalus</i>			
<i>Chabertia ovina</i>	<i>galeatus</i>	0.128	0.074	0.054
	<i>Ancylostoma</i>			
<i>Chabertia ovina</i>	<i>caninum</i>	0.048	0.026	0.022
<i>Chabertia ovina</i>	<i>Necator americanus</i>	0.123	0.057	0.066
	<i>Stephanurus</i>			
<i>Syngamus trachea</i>	<i>dentatus</i>	0.209	0.113	0.097
	<i>Deletrocephalus</i>			
<i>Syngamus trachea</i>	<i>dimidiatus</i>	0.223	0.123	0.100
	<i>Kalicephalus</i>			
<i>Syngamus trachea</i>	<i>cristatus</i>	0.214	0.111	0.102
	<i>Diaphanocephalus</i>			
<i>Syngamus trachea</i>	<i>galeatus</i>	0.217	0.119	0.098
	<i>Ancylostoma</i>			
<i>Syngamus trachea</i>	<i>caninum</i>	0.137	0.071	0.067
<i>Syngamus trachea</i>	<i>Necator americanus</i>	0.213	0.101	0.111
	<i>Deletrocephalus</i>			
<i>Stephanurus dentatus</i>	<i>dimidiatus</i>	0.198	0.106	0.092
	<i>Kalicephalus</i>			
<i>Stephanurus dentatus</i>	<i>cristatus</i>	0.189	0.094	0.094
<i>Stephanurus</i>	<i>Diaphanocephalus</i>			
<i>dentatus</i>	<i>galeatus</i>	0.192	0.102	0.090
	<i>Ancylostoma</i>			
<i>Stephanurus dentatus</i>	<i>caninum</i>	0.112	0.053	0.059
<i>Stephanurus dentatus</i>	<i>Necator americanus</i>	0.188	0.084	0.103
<i>Deletrocephalus</i>	<i>Kalicephalus</i>			
<i>dimidiatus</i>	<i>cristatus</i>	0.164	0.084	0.080
<i>Deletrocephalus</i>	<i>Diaphanocephalus</i>			
<i>dimidiatus</i>	<i>galeatus</i>	0.167	0.092	0.076
<i>Deletrocephalus</i>	<i>Ancylostoma</i>			
<i>dimidiatus</i>	<i>caninum</i>	0.120	0.064	0.056
<i>Deletrocephalus</i>				
<i>dimidiatus</i>	<i>Necator americanus</i>	0.195	0.095	0.101
<i>Kalicephalus</i>	<i>Diaphanocephalus</i>			
<i>cristatus</i>	<i>galeatus</i>	0.137	0.080	0.057
<i>Kalicephalus</i>	<i>Ancylostoma</i>			
<i>cristatus</i>	<i>caninum</i>	0.110	0.052	0.058
<i>Kalicephalus</i>				
<i>cristatus</i>	<i>Necator americanus</i>	0.186	0.083	0.103
<i>Diaphanocephalus</i>	<i>Ancylostoma</i>			
<i>galeatus</i>	<i>caninum</i>	0.114	0.060	0.054
<i>Diaphanocephalus</i>				
<i>galeatus</i>	<i>Necator americanus</i>	0.189	0.090	0.099

Ancylostoma
caninum

Necator americanus 0.089

0.042

0.047
