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(a) : 18S

Pairs (Taxon 1/Taxon 2)	Taxon 1		Taxon 2	
	Species name	Acc. No.	Species name	Acc. No.
1 Acoela/Orthonectida	<i>Symsagittifera corsicae</i>	AJ319029	<i>Rhopalura ophiocomae</i>	X97158
2 Turbellaria/Trematoda	<i>Archimonocelis crucifera</i>	AJ270151	<i>Xystretum sp.</i>	AJ287588
3 Cestoda/Monogenea	<i>Skryabinia cesticillus</i>	AY382316	<i>Haliotrema scyphovagina</i>	AY820611
4 Urochordata/Cephalochordata	<i>Megalodicopia hians</i>	AB075543	<i>Branchios toma floridae</i>	M97571
5 Chondrichthyes/Petromyzontidae	<i>Urobatis jamaicensis</i>	AY049861	<i>Petromyzon marinus</i>	M97575
6 Serpentes/Lepidosauria	<i>Heterodon platirhinos</i>	M59392	<i>Sceloporus undulatus</i>	M59400
7 Echinoidea/Holothuroidea	<i>Temnopleurus hardwickii</i>	Z37135	<i>Afrocucumis africana</i>	AY133483
8 Asteroidea/Ophiuroidea	<i>Asterina coronata</i>	AB084566	<i>Ophiocanops fugiens</i>	Z80954
9 Enteropneusta/Pterobranchia	<i>Hamimania planktophilus</i>	AF236799	<i>Cephalodiscus gracilis</i>	AF236798
10 Priapulida/Kinorhyncha	<i>Tubiluchus corallicola</i>	AF119086	<i>Pycnophyes kielensis</i>	U67997
11 Nematomorpha/Nematoda	<i>Gordius sp.</i>	U51005	<i>Silbonema majum</i>	Y16922
12 Onychophora/Tardigrada	<i>Euperipatoides leuckartii</i>	U49910	<i>Hypsibius sp.</i>	Z93337
13 Araneae/Acari	<i>Nesticus cellulanus</i>	AF005447	<i>Opilioacarus texanus</i>	AF115375
14 Orthoptera/Hemiptera	<i>Oxya chinensis</i>	AY037173	<i>Hemertaris oshanini</i>	AY324853
15 Hymenoptera/Coleoptera	<i>Aphelinus gossypii</i>	AY216700	<i>Clambus ametti</i>	AF012526
16 Lepidoptera/Diptera	<i>Attacus ricini</i>	AF535029	<i>Anopheles maculatus</i>	AF440198
17 Copepoda/Ostracoda	<i>Lepeophtheirus salmonis</i>	AF208263	<i>Heterocypris sp.</i>	L81944
18 Eucarida/Peracarida	<i>Jasus edwardsii</i>	AF235972	<i>Sorthingyrella triplosinos a</i>	AY461482
19 Brachiopoda/Phoronifomea	<i>Argyrotheca cordata</i>	AF119078	<i>Phoronis australis</i>	AF119079
20 Acanthocephala/Rotifera	<i>Polyacanthorhynchus caballeroi</i>	AF388660	<i>Brachionus patulus</i>	AF154568
21 Aplousobranchia/Caudofoveata	<i>Helicoradomenia sp.</i>	AY212108	<i>Scutopus ventrolineatus</i>	X91977
22 Bivalvia/Polyplacophora	<i>Bathypecten vulcani</i>	AY557608	<i>Acanthochitona crinita</i>	AF120503
23 Cephalopoda/Squid	<i>Psychroteuthis sp.</i>	AY557513	<i>Rhabdus rectius</i>	AF120523
24 Opisthobranchia/Pulmonata	<i>Notaeolidia depressa</i>	AY165770	<i>Lymnaea viatrix</i>	AY057088
25 Polychaeta/Oligochaeta	<i>Proceraea comuta</i>	AF212179	<i>Sylaria sp.</i>	U95946
26 Petromyzontidae/Urochordata	-	-	-	-
27 Echinoidea/Asteroidea	-	-	-	-
28 Priapulida/Nematoda	-	-	-	-
29 Cestoda/Trematoda	-	-	-	-

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(b) : 28S

Pairs (Taxon 1/Taxon 2)	Taxon 1		Taxon 2	
	Species name	Acc. No.	Species name	Acc. No.
1 Acoela/Orthonectida	-	-	-	-
2 Turbellaria/Trematoda	<i>Childia groenlandica</i>	AY157603	<i>Lobatos toma manteri</i>	AY157177
3 Cestoda/Monogenea	<i>Railletina australis</i>	AF286914	<i>Gyrodactylus salaris</i>	AJ542394
4 Urochordata/Cephalochordata	<i>Ciona intestinalis</i>	AF212177	<i>Branchiosoma floridae</i>	AF061796
5 Chondrichthyes/Petromyzontidae	<i>Rhinobatos productus</i>	AY049851	<i>Petromyzon marinus</i>	AF061798
6 Serpentes/Lepidosauria	-	-	-	-
7 Echinozoa/Holothurozoa	<i>Arbacia punctulata</i>	AY026367	<i>Psychropotes longicauda</i>	Z80946
8 Asterozoa/Ophiurozoa	<i>Porania pulvillus</i>	Z80945	<i>Ophiocanops fugiens</i>	Z80943
9 Enteropneusta/Pterobranchia	<i>Saccoglossus kowalevskii</i>	AF212175	<i>Cephalodiscus gracilis</i>	AF212172
10 Priapulida/Kinorhyncha	<i>Priapulid caudatus</i>	AY210840	<i>Pycnophyes greenlandicus</i>	AY428828
11 Nematomorpha/Nematoda	<i>Gordius aquaticus</i>	AY210817	<i>Labios trongylus bipapillosus</i>	AJ512837
12 Onychophora/Tardigrada	<i>Peripatus sp.</i>	AY210836	<i>Milnesium sp.</i>	AY210826
13 Araneae/Acari	<i>Misumenops asperatus</i>	AY210461	<i>Boophilus microplus</i>	AF200189
14 Orthoptera/Hemiptera	<i>Melanoplus sp.</i>	AY125286	<i>Euritea munda</i>	AF304633
15 Hymenoptera/Coleoptera	<i>Ussurohelcon nigricomis</i>	AJ302912	<i>Toramus sp.</i>	AY310676
16 Lepidoptera/Diptera	<i>Hemileuca sp.</i>	AF423922	<i>Simulium sanctipauli</i>	AF403820
17 Copepoda/Ostracoda	<i>Cyclopidae sp.</i>	AY210813	<i>Cypridae sp.</i>	AY210815
18 Eucarida/Pterocarida	<i>Aegla humahuaca</i>	AY596086	<i>Porcellio scaber</i>	AY744901
19 Brachiopoda/Phoroniforae	<i>Glottidia pyramidata</i>	AY210459	<i>Phoronis vancouverensis</i>	AF342797
20 Acanthocephala/Rotifera	<i>Oligacanthorhynchus tortuosus</i>	AY210466	<i>Philodina roseola</i>	AY210469
21 Aplousobranchia/Caudofoveata	<i>Helicoradomenia sp.</i>	AY145409	<i>Chaetoderma sp.</i>	AY145397
22 Bivalvia/Polyplacophora	<i>Solemya velum</i>	AY145421	<i>Chaetopleura apiculata</i>	AY145398
23 Cephalopoda/Squid	<i>Histioteuthis sp.</i>	AY145410	<i>Dentalium octangulatum</i>	AY145403
24 Opisthobranchia/Pulmonata	<i>Aplysia californica</i>	AY026366	<i>Deroceras reticulatum</i>	AY145404
25 Polychaeta/Oligochaeta	<i>Nereis succinea</i>	AY210464	<i>Eisenia fetida</i>	AF212166
26 Petromyzontidae/Urochordata	-	-	-	-
27 Echinozoa/Asterozoa	-	-	-	-
28 Priapulida/Nematoda	-	-	-	-
29 Cestoda/Trematoda	-	-	-	-

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(c) : ef1a

	Pairs (Taxon 1/Taxon 2)	Taxon 1		Taxon 2	
		Species name	Acc. No.	Species name	Acc. No.
1	Acoela/Orthonectida	-	-	-	-
2	Turbellaria/Trematoda	<i>Mesostoma lingua</i>	AF288069	<i>Schistosoma japonicum</i>	AF288067
3	Cestoda/Monogenea	<i>Grillotia erinaceus</i>	AF288066	<i>Neomicrocotyle pacifica</i>	AF288070
4	Urochordata/Cephalochordata	-	-	-	-
5	Chondrichthyes/Petromyzontidae	-	-	-	-
6	Serpentes/Lepidosauria	-	-	-	-
7	Echinoidea/Holothuroidea	-	-	-	-
8	Asteroidea/Ophiuroidea	-	-	-	-
9	Enteropneusta/Perobranchia	-	-	-	-
10	Priapulida/Kinorhyncha	-	-	-	-
11	Nematomorpha/Nematoda	-	-	-	-
12	Onychophora/Tardigrada	<i>Euperipatoides rowelli</i>	AF137394	<i>Milnesium tardigradum</i>	AF063419
13	Araneae/Acari	<i>Aphonopelma chalcodes</i>	U90045	<i>Calyptophthiracarus olivaceus</i>	AF240853
14	Orthoptera/Hemiptera	<i>Locusta migratoria</i>	AY077627	<i>Sictopelta sp.</i>	AF182579
15	Hymenoptera/Coleoptera	<i>Leioproctus sp.</i>	AY585141	<i>Micracis carinulatus</i>	AF186677
16	Lepidoptera/Diptera	<i>Statmia pyri</i>	DQ077816	<i>Ectemnia sp.</i>	AF003589
17	Copepoda/Ostracoda	<i>Eurytemora affinis</i>	AF063408	<i>Cypridopsis vidua</i>	AF063414
18	Eucarida/Peracarida	<i>Libinia emarginata</i>	U90050	<i>Heteromysis formosa</i>	AF063410
19	Brachiopoda/Phoroniforrea	-	-	-	-
20	Acanthocephala/Rotifera	-	-	-	-
21	Aplousobranchia/Caudofoveata	-	-	-	-
22	Bivalvia/Polyplacophora	<i>Mytilus galloprovincialis</i>	AB162021	<i>Chaetopleura apiculata</i>	U90062
23	Cephalopoda/Squid	-	-	-	-
24	Opisthobranchia/Pulmonata	-	-	-	-
25	Polychaeta/Oligochaeta	<i>Chaetopterus sp.</i>	AY580184	<i>Enchytraeus sp.</i>	AF063418
26	Petromyzontidae/Urochordata	<i>Oikopleura dioica</i>	AF468038	<i>Lethenteron japonicum</i>	AB183717
27	Echinoidea/Asteroidea	<i>Strongylocentrotus purpuratus</i>	AY580285	<i>Asterina miniata</i>	AY580177
28	Priapulida/Nematoda	<i>Priapulid caudatus</i>	AY580299	<i>Onchocerca volvulus</i>	M64333
29	Cestoda/Trematoda	-	-	-	-

[28S \(previous\)](#)[COI \(next\)](#)[Legend](#)

(d) : COI

Pairs (Taxon 1/Taxon 2)		Taxon 1		Taxon 2	
		Species name	Acc. No.	Species name	Acc. No.
1	Acoela/Orthonectida	-	-	-	-
2	Turbellaria/Trematoda	<i>Pseudos tylochus intermedius</i>	AB049114	<i>Paragonimus wes termani</i>	NC_002354
3	Cestoda/Monogenea	<i>Taenia asiatica</i>	AF445798	<i>Gyrodactylus salaris</i>	AF479750
4	Urochordata/Cephalochordata	<i>Doliolum nationalis</i>	NC_006627	<i>Epigonichthys lucayanus</i>	AB110092
5	Chondrichthyes/Petromyzontidae	<i>Scyliorhinus canicula</i>	NC_001950	<i>Petromyzon marinus</i>	NC_001626
6	Serpentes/Lepidosauria	<i>Leptotyphlops dulcis</i>	NC_005961	<i>Teratoscincus keyserlingii</i>	NC_007008
7	Echinoidea/Holothuroidea	<i>Arbacia lixula</i>	NC_001770	<i>Cucumaria miniata</i>	NC_005929
8	As teroidea/Ophiuroidea	<i>Pisaster ochraceus</i>	NC_004610	<i>Ophiura lutkeni</i>	NC_005930
9	Enteropneusta/Pterobranchia	-	-	-	-
10	Priapulida/Kinorhyncha	-	-	-	-
11	Nematomorpha/Nematoda	-	-	-	-
12	Onychophora/Tardigrada	-	-	-	-
13	Araneae/Acari	<i>Heptathela hangzhouensis</i>	NC_005924	<i>Ixodes uriae</i>	NC_006078
14	Orthoptera/Hemiptera	<i>Locusta migratoria</i>	NC_001712	<i>Philaenus spumarius</i>	NC_005944
15	Hymenoptera/Coleoptera	<i>Melipona bicolor</i>	NC_004529	<i>Crioceris duodecimpunctata</i>	NC_003372
16	Lepidoptera/Diptera	<i>Antheraea pemyi</i>	NC_004622	<i>Bactrocera oleae</i>	NC_005333
17	Copepoda/Ostracoda	<i>Tigriopus japonicus</i>	NC_003979	<i>Vargula hilgendorffii</i>	NC_005306
18	Eucarida/Percarida	<i>Marsupenaeus japonicus</i>	NC_007010	<i>Parhyale hawaiiensis</i>	AY639937
19	Brachiopoda/Phoroniformea	<i>Terebratalia transversa</i>	NC_003086	<i>Phoronis psammophila</i>	AY368231
20	Acanthocephala/Rotifera	<i>Leptorhynchoides thecatus</i>	NC_006892	<i>Synchaeta cf. pectinata</i>	AF499093
21	Aplousobranchia/Caudofoveata	<i>Helicoradomenia sp.</i>	AY377725	<i>Chaetoderma nitidulum</i>	AY377726
22	Bivalvia/Polyplacophora	<i>Mytilus galloprovincialis</i>	NC_006886	<i>Katharina tunicata</i>	NC_001636
23	Cephalopoda/Squid	<i>Todarodes pacificus</i>	NC_006354	<i>Graptacme eborea</i>	NC_006162
24	Opisthobranchia/Pulmonata	<i>Aplysia californica</i>	NC_005827	<i>Albinaria caerulea</i>	NC_001761
25	Polychaeta/Oligochaeta	<i>Clymenella torquata</i>	NC_006321	<i>Lumbricus terrestris</i>	NC_001673
26	Petromyzontidae/Urochordata	-	-	-	-
27	Echinoidea/As teroidea	-	-	-	-
28	Priapulida/Nematoda	-	-	-	-
29	Cestoda/Trematoda	-	-	-	-

[efl1 \(previous\)](#)[COII \(next\)](#)[Legend](#)

(e) : COII

Pairs (Taxon 1/Taxon 2)	Taxon 1		Taxon 2	
	Species name	Acc. No.	Species name	Acc. No.
1 Acoela/Orthonectida	-	-	-	-
2 Turbellaria/Trematoda	-	-	-	-
3 Cestoda/Monogenea	-	-	-	-
4 Urochordata/Cephalochordata	<i>Doliolum nationalis</i>	NC_006627	<i>Epigonichthys lucayanus</i>	AB110092
5 Chondrichthyes/Petromyzontidae	<i>Scyliorhinus canicula</i>	NC_001950	<i>Petromyzon marinus</i>	NC_001626
6 Serpentes/Lepidosauria	<i>Leptotyphlops dulcis</i>	NC_005961	<i>Teratoscincus keyserlingii</i>	NC_007008
7 Echinoidea/Holothuroidea	<i>Arbacia lixula</i>	NC_001770	<i>Cucumaria miniata</i>	NC_005929
8 As teroidea/Ophiuroidea	<i>Pisaster ochraceus</i>	NC_004610	<i>Ophiura lutkeni</i>	NC_005930
9 Enteropneusta/Pterobranchia	-	-	-	-
10 Priapulida/Kinorhyncha	-	-	-	-
11 Nematomorpha/Nematoda	-	-	-	-
12 Onychophora/Tardigrada	-	-	-	-
13 Araneae/Acari	<i>Heptathela hangzhouensis</i>	NC_005924	<i>Ixodes uriae</i>	NC_006078
14 Orthoptera/Hemiptera	<i>Locusta migratoria</i>	NC_001712	<i>Philaenus spumarius</i>	NC_005944
15 Hymenoptera/Coleoptera	<i>Melipona bicolor</i>	NC_004529	<i>Crioceris duodecimpunctata</i>	NC_003372
16 Lepidoptera/Diptera	<i>Antheraea pernyi</i>	NC_004622	<i>Bactrocera oleae</i>	NC_005333
17 Copepoda/Ostracoda	<i>Tigriopus japonicus</i>	NC_003979	<i>Vargula hilgendorffii</i>	NC_005306
18 Eucarida/Pteracarida	<i>Marsupenaeus japonicus</i>	NC_007010	<i>Talitrus saltator</i>	AY639937
19 Brachiopoda/Phoroniformea	<i>Terebratalia transversa</i>	NC_003086	<i>Phoronis psammophila</i>	AY368231
20 Acanthocephala/Rotifera	-	-	-	-
21 Aplousobranchia/Caudofoveata	-	-	-	-
22 Bivalvia/Polyplacophora	<i>Mytilus galloprovincialis</i>	NC_006886	<i>Katharina tunicata</i>	NC_001636
23 Cephalopoda/Squid	<i>Todarodes pacificus</i>	NC_006354	<i>Graptacme eborea</i>	NC_006162
24 Opisthobranchia/Pulmonata	<i>Aplysia californica</i>	NC_005827	<i>Albinaria caerulea</i>	NC_001761
25 Polychaeta/Oligochaeta	<i>Clymenella torquata</i>	NC_006321	<i>Lumbricus terrestris</i>	NC_001673
26 Petromyzontidae/Urochordata	-	-	-	-
27 Echinoidea/As teroidea	-	-	-	-
28 Priapulida/Nematoda	-	-	-	-
29 Cestoda/Trematoda	<i>Taenia asiatica</i>	AF445798	<i>Paragonimus westermani</i>	NC_002354

[COI \(previous\)](#)[COIII \(next\)](#)[Legend](#)

(f) : COIII

Pairs (Taxon 1/Taxon 2)	Taxon 1		Taxon 2	
	Species name	Acc. No.	Species name	Acc. No.
1 Acoela/Orthonectida	-	-	-	-
2 Turbellaria/Trematoda	-	-	-	-
3 Cestoda/Monogenea	-	-	-	-
4 Urochordata/Cephalochordata	<i>Doliolum nationalis</i>	NC_006627	<i>Epigonichthys lucayanus</i>	AB110092
5 Chondrichthyes/Petromyzontidae	<i>Scyliorhinus canicula</i>	NC_001950	<i>Petromyzon marinus</i>	NC_001626
6 Serpentes/Lepidosauria	<i>Leptotyphlops dulcis</i>	NC_005961	<i>Teratoscincus keyserlingii</i>	NC_007008
7 Echinoidea/Holothuroidea	<i>Arbacia lixula</i>	NC_001770	<i>Cucumaria miniata</i>	NC_005929
8 Aseroidea/Ophiuroidea	<i>Pisaster ochraceus</i>	NC_004610	<i>Ophiura lutkeni</i>	NC_005930
9 Enteropneusta/Pterobranchia	-	-	-	-
10 Priapulida/Kinorhyncha	-	-	-	-
11 Nematomorpha/Nematoda	-	-	-	-
12 Onychophora/Tardigrada	-	-	-	-
13 Araneae/Acari	<i>Heptathela hangzhouensis</i>	NC_005924	<i>Ixodes uriae</i>	NC_006078
14 Orthoptera/Hemiptera	<i>Locusta migratoria</i>	NC_001712	<i>Philaenus spumarius</i>	NC_005944
15 Hymenoptera/Coleoptera	<i>Melipona bicolor</i>	NC_004529	<i>Crioceris duodecimpunctata</i>	NC_003372
16 Lepidoptera/Diptera	<i>Antheraea pernyi</i>	NC_004622	<i>Bactrocera oleae</i>	NC_005333
17 Copepoda/Ostracoda	<i>Tigriopus japonicus</i>	NC_003979	<i>Vargula hilgendorffii</i>	NC_005306
18 Eucarida/Perecarida	<i>Marsupenaeus japonicus</i>	NC_007010	<i>Parhyale hawaiiensis</i>	AY639937
19 Brachiopoda/Pteronidiformea	<i>Terebratalia transversa</i>	NC_003086	<i>Phoronis psammophila</i>	AY368231
20 Acanthocephala/Rotifera	-	-	-	-
21 Aplousobranchia/Caudofoveata	-	-	-	-
22 Bivalvia/Polyplacophora	<i>Mytilus galloprovincialis</i>	NC_006886	<i>Katharina tunicata</i>	NC_001636
23 Cephalopoda/Squid	<i>Todarodes pacificus</i>	NC_006354	<i>Graptacme eborea</i>	NC_006162
24 Opisthobranchia/Pulmonata	<i>Aplysia californica</i>	NC_005827	<i>Albinaria caerulea</i>	NC_001761
25 Polychaeta/Oligochaeta	<i>Clymenella torquata</i>	NC_006321	<i>Lumbricus terrestris</i>	NC_001673
26 Petromyzontidae/Urochordata	-	-	-	-
27 Echinoidea/Aseroidea	-	-	-	-
28 Priapulida/Nematoda	-	-	-	-
29 Cestoda/Trematoda	<i>Taenia asiatica</i>	AF445798	<i>Paragonimus westermani</i>	NC_002354

[COII \(previous\)](#)[cytB \(next\)](#)[Legend](#)

(g) : cytB

	Pairs (Taxon 1/Taxon 2)	Taxon 1		Taxon 2	
		Species name	Acc. No.	Species name	Acc. No.
1	Acoela/Orthonectida	-	-	-	-
2	Turbellaria/Trematoda	-	-	-	-
3	Cestoda/Monogenea	-	-	-	-
4	Urochordata/Cephalochordata	<i>Doliolum nationalis</i>	NC_006627	<i>Epigonichthys lucayanus</i>	AB110092
5	Chondrichthyes/Petromyzontidae	<i>Scyliorhinus canicula</i>	NC_001950	<i>Petromyzon marinus</i>	NC_001626
6	Serpentes/Lepidosauria	<i>Leptotyphlops dulcis</i>	NC_005961	<i>Teratoscincus keyserlingii</i>	NC_007008
7	Echinoidea/Holothuroidea	<i>Arbacia lixula</i>	NC_001770	<i>Cucumaria miniata</i>	NC_005929
8	As teroidea/Ophiuroidea	<i>Pisaster ochraceus</i>	NC_004610	<i>Ophiura lutkeni</i>	NC_005930
9	Enteropneusta/Perobranchia	-	-	-	-
10	Priapulida/Kinorhyncha	-	-	-	-
11	Nematomorpha/Nematoda	-	-	-	-
12	Onychophora/Tardigrada	-	-	-	-
13	Araneae/Acari	<i>Heptathela hangzhouensis</i>	NC_005924	<i>Ixodes uriae</i>	NC_006078
14	Orthoptera/Hemiptera	<i>Locusta migratoria</i>	NC_001712	<i>Philaenus spumarius</i>	NC_005944
15	Hymenoptera/Coleoptera	<i>Melipona bicolor</i>	NC_004529	<i>Crioceris duodecimpunctata</i>	NC_003372
16	Lepidoptera/Diptera	<i>Antheraea pernyi</i>	NC_004622	<i>Bactrocera oleae</i>	NC_005333
17	Copepoda/Ostracoda	<i>Tigriopus japonicus</i>	NC_003979	<i>Vargula hilgendorffii</i>	NC_005306
18	Eucarida/Peracarida	<i>Marsupenaeus japonicus</i>	NC_007010	<i>Parhyale hawaiiensis</i>	AY639937
19	Brachiopoda/Phoroniformea	<i>Terebratalia transversa</i>	NC_003086	<i>Phoronis psammophila</i>	AY368231
20	Acanthocephala/Rotifera	-	-	-	-
21	Aplacophora/Caudofoveata	-	-	-	-
22	Bivalvia/Polyplacophora	<i>Mytilus galloprovincialis</i>	NC_006886	<i>Katharina tunicata</i>	NC_001636
23	Cephalopoda/Squid	<i>Todarodes pacificus</i>	NC_006354	<i>Graptacme eborea</i>	NC_006162
24	Opisthobranchia/Pulmonata	<i>Aplysia californica</i>	NC_005827	<i>Albinaria caerulea</i>	NC_001761
25	Polychaeta/Oligochaeta	<i>Clymenella torquata</i>	NC_006321	<i>Lumbricus terrestris</i>	NC_001673
26	Petromyzontidae/Urochordata	-	-	-	-
27	Echinoidea/As teroidea	-	-	-	-
28	Priapulida/Nematoda	-	-	-	-
29	Cestoda/Trematoda	-	-	-	-

[COIII \(previous\)](#)[NADH1 \(previous\)](#)[Legend](#)

(h) : NADH1

Pairs (Taxon 1/Taxon 2)	Taxon 1		Taxon 2	
	Species name	Acc. No.	Species name	Acc. No.
1 Acoela/Orthonectida	-	-	-	-
2 Turbellaria/Trematoda	-	-	-	-
3 Cestoda/Monogenea	-	-	-	-
4 Urochordata/Cephalochordata	<i>Doliolum nationalis</i>	NC_006627	<i>Epigonichthys lucayanus</i>	AB110092
5 Chondrichthyes/Petromyzontidae	<i>Scyllorhinus canicula</i>	NC_001950	<i>Petromyzon marinus</i>	NC_001626
6 Serpentes/Lepidosauria	<i>Leptotyphlops dulcis</i>	NC_005961	<i>Teratoscincus keyserlingii</i>	NC_007008
7 Echinozoa/Holothurozoa	<i>Arbacia lixula</i>	NC_001770	<i>Cucumaria miniata</i>	NC_005929
8 As teroidea/Ophiurozoa	<i>Pisaster ochraceus</i>	NC_004610	<i>Ophiura lutkeni</i>	NC_005930
9 Enteropneusta/Pterobranchia	-	-	-	-
10 Priapulida/Kinorhyncha	-	-	-	-
11 Nematomorpha/Nematoda	-	-	-	-
12 Onychophora/Tardigrada	-	-	-	-
13 Araneae/Acari	<i>Heptathela hangzhouensis</i>	NC_005924	<i>Ixodes uriae</i>	NC_006078
14 Orthoptera/Hemiptera	<i>Locusta migratoria</i>	NC_001712	<i>Philaenus spumarius</i>	NC_005944
15 Hymenoptera/Coleoptera	<i>Melipona bicolor</i>	NC_004529	<i>Crioceris duodecimpunctata</i>	NC_003372
16 Lepidoptera/Diptera	<i>Antheraea pernyi</i>	NC_004622	<i>Bactrocera oleae</i>	NC_005333
17 Copepoda/Ostracoda	<i>Tigriopus japonicus</i>	NC_003979	<i>Vargula hilgendorffii</i>	NC_005306
18 Eucarida/Percarida	<i>Marsupenaeus japonicus</i>	NC_007010	<i>Parhyale hawaiiensis</i>	AY639937
19 Brachiopoda/Phoroniforae	<i>Terebratalia transversa</i>	NC_003086	<i>Phoronis psammophila</i>	AY368231
20 Acanthocephala/Rotifera	-	-	-	-
21 Aplousobranchia/Caudofoveata	-	-	-	-
22 Bivalvia/Polyplacophora	<i>Mytilus galloprovincialis</i>	NC_006886	<i>Katharina tunicata</i>	NC_001636
23 Cephalopoda/Squid	<i>Todarodes pacificus</i>	NC_006354	<i>Graptacme eborea</i>	NC_006162
24 Opisthobranchia/Pulmonata	<i>Aplysia californica</i>	NC_005827	<i>Albinaria caerulea</i>	NC_001761
25 Polychaeta/Oligochaeta	<i>Clymenella torquata</i>	NC_006321	<i>Lumbricus terrestris</i>	NC_001673
26 Petromyzontidae/Urochordata	-	-	-	-
27 Echinozoa/As teroidea	-	-	-	-
28 Priapulida/Nematoda	-	-	-	-
29 Cestoda/Trematoda	<i>Taenia asiatica</i>	AF445798	<i>Paragonimus westermani</i>	NC_002354

[cytB \(previous\)](#)[NADH4 \(next\)](#)[Legend](#)

(i) : NADH4

Pairs (Taxon 1/Taxon 2)	Taxon 1		Taxon 2	
	Species name	Acc. No.	Species name	Acc. No.
1 Acoela/Orthonectida	-	-	-	-
2 Turbellaria/Trematoda	-	-	-	-
3 Cestoda/Monogenea	-	-	-	-
4 Urochordata/Cephalochordata	<i>Doliolum nationalis</i>	NC_006627	<i>Epigonichthys lucayanus</i>	AB110092
5 Chondrichthyes/Petromyzontidae	<i>Scyliorhinus canicula</i>	NC_001950	<i>Petromyzon marinus</i>	NC_001626
6 Serpentes/Lepidosauria	<i>Leptotyphlops dulcis</i>	NC_005961	<i>Teratoscincus keyserlingii</i>	NC_007008
7 Echinozoa/Holothurozoa	<i>Arbacia lixula</i>	NC_001770	<i>Cucumaria miniata</i>	NC_005929
8 Ascomycota/Ophiurozoa	<i>Pisaster ochraceus</i>	NC_004610	<i>Ophiura luteni</i>	NC_005930
9 Enteropneusta/Phlebobranchia	-	-	-	-
10 Platyhelminthes/Kinorhyncha	-	-	-	-
11 Nematoda/Nematoda	-	-	-	-
12 Onychophora/Tardigrada	-	-	-	-
13 Araneae/Acari	<i>Heptathela hangzhouensis</i>	NC_005924	<i>Ixodes uriae</i>	NC_006078
14 Orthoptera/Hemiptera	<i>Locusta migratoria</i>	NC_001712	<i>Philaenus spumarius</i>	NC_005944
15 Hymenoptera/Coleoptera	<i>Melipona bicolor</i>	NC_004529	<i>Crioceris duodecimpunctata</i>	NC_003372
16 Lepidoptera/Diptera	<i>Antheraea pernyi</i>	NC_004622	<i>Bactrocera oleae</i>	NC_005333
17 Copepoda/Ostracoda	<i>Tigriopus japonicus</i>	NC_003979	<i>Vargula hilgendorffii</i>	NC_005306
18 Eucarida/Peracarida	<i>Marsupenaeus japonicus</i>	NC_007010	<i>Parhyale hawaiiensis</i>	AY639937
19 Brachiopoda/Phoroniforae	<i>Terebratalia transversa</i>	NC_003086	<i>Phoronis psammophila</i>	AY368231
20 Acanthocephala/Rotifera	-	-	-	-
21 Aplousobranchia/Caudofoveata	-	-	-	-
22 Bivalvia/Polyplacophora	<i>Mytilus galloprovincialis</i>	NC_006886	<i>Katharina tunicata</i>	NC_001636
23 Cephalopoda/Squid	<i>Todarodes pacificus</i>	NC_006354	<i>Graptacme eborea</i>	NC_006162
24 Opisthobranchia/Pulmonata	<i>Aplysia californica</i>	NC_005827	<i>Albinaria caerulea</i>	NC_001761
25 Polychaeta/Oligochaeta	<i>Clymenella torquata</i>	NC_006321	<i>Lumbricus terrestris</i>	NC_001673
26 Petromyzontidae/Urochordata	-	-	-	-
27 Echinozoa/Ascomycota	-	-	-	-
28 Platyhelminthes/Nematoda	-	-	-	-
29 Cestoda/Trematoda	<i>Taenia asiatica</i>	AF445798	<i>Paragonimus westermani</i>	NC_002354

[NADH1 \(previous\)](#)[Legend](#)