

	Nuclear genes			Mitochondrial genes						Concatenations	
	18S	28S	ef1a	COI	COII	COIII	cytb	NADH1	NADH4	C 100	C 20
Number of comparison pairs used	25	23	14	20	17	17	16	17	17	20	16
Alignment length	1311	1399	1086	822	609	369	633	312	411	3156	3156
Comparison pairs used :											
1	Acoela/Orthonectida	x									
2	Turbellaria/Trematoda	x	x	x	x					x	
3	Cestoda/Monogenea	x	x	x	x					x	
4	Urochordata/Cephalochordata	x	x		x	x	x	x	x	x	x
5	Chondrichthyes/Petromyzontidae	x	x		x	x	x	x	x	x	x
6	Serpentes/Lepidosauria	x			x	x	x	x	x	x	x
7	Echinoidea/Holothuroidea	x	x		x	x	x	x	x	x	x
8	Asterozoa/Ophiurozoa	x	x		x	x	x	x	x	x	x
9	Enteropneusta/Pterobranchia	x	x								
10	Priapulida/Kinorhyncha	x	x								
11	Nematomorpha/Nematoda	x	x								
12	Onychophora/Tardigrada	x	x	x							
13	Araneae/Acari	x	x	x	x	x	x	x	x	x	x
14	Orthoptera/Hemiptera	x	x	x	x	x	x	x	x	x	x
15	Hymenoptera/Coleoptera	x	x	x	x	x	x	x	x	x	x
16	Lepidoptera/Diptera	x	x	x	x	x	x	x	x	x	x
17	Copepoda/Ostracoda	x	x	x	x	x	x	x	x	x	x
18	Eucarida/Peracarida	x	x	x	x	x	x	x	x	x	x
19	Brachiopoda/Phoroniforae	x	x		x	x	x	x	x	x	x
20	Acanthocephala/Rotifera	x	x		x					x	
21	Aplousobranchia/Caudofoveata	x	x		x					x	
22	Bivalvia/Polyplacophora	x	x	x	x	x	x	x	x	x	x
23	Cephalopoda/Squid	x	x		x	x	x	x	x	x	x
24	Opisthobranchia/Pulmonata	x	x		x	x	x	x	x	x	x
25	Polychaeta/Oligochaeta	x	x	x	x	x	x	x	x	x	x
26	Petromyzontidae/Urochordata			x							
27	Echinozoa/Asterozoa			x							
28	Priapulida/Nematoda			x							
29	Cestoda/Trematoda				x	x		x	x		