

**Bayesian Models of Episodic Evolution Support a Late Precambrian Explosive
Diversification of the Metazoa**

Supplementary information

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This document contains (i) the accession numbers of the taxa used for each of the twenty-two genes and (ii) the posterior estimates (median of the distributions) of the divergence times under the Bayesian molecular clock (CLOCK), the exponential (EXP) and the Ornstein-Uhlenbeck (OUP) models of rate change, as well as the tree topology used for the individual genes. Estimates are given as estimated by the algorithm used (“relative dates”), on a (0,1) scale, and their conversion on an absolute scale in MYA. Highlighted (in bold) are the time estimates for the protostome–deuterostome and the echinoderm–chordate divergences.

1 – Accession numbers

Mitochondrial genes

cox1, cox2, cox3, cytB, nad1, nad2, nad3, nad4, nad4L, nad5, nad6: *Alligator mississippiensis* (NC_001922); *Anopheles quadrimaculatus* (NC_000875); *Arabidopsis thaliana* (NC_001284); *Arbaxia lixula* (MIALDNASQ); *Asterina pectinifera* (NC_001627); *Balaenoptera musculus* (NC_001601); *Ceratotherium simum* (NC_001808); *Crassostrea gigas* (NC_001276); *Drosophila melanogaster* (NC_001709); *Echinococcus granulosus* (AF297617); *Eptatretus burgeri* (NC_002807); *Equus asinus* (NC_001788); *Florometra serratissima* (NC_001878); *Gallus gallus* (NC_001323); *Hymenolepis diminuta* (NC_002767); *Iguana iguana* (NC_002793); *Latimeria chalumnae* (NC_001804); *Limulus polyphemus* (AF216203); *Lithobius forficatus* (NC_002629); *Loligo bleekeri* (NC_002507); *Lumbricus terrestris* (LTU24570); *Metridium senile* (NC_000933); *Myxine glutinosa* (MGL404477); *Ornithorhynchus anatinus* (NC_000891); *Oryctolagus cuniculus* (NC_001913); *Paracentrotus lividus* (PALMTCG); *Platynereis dumerilii* (NC_000931); *Rhipicephalus sanguineus* (NC_002074); *Salmo salar* (AF133701); *Sardinops melanostictus* (NC_002616); *Strongylocentrotus purpuratus* (NC_001453); *Terebratulina retusa* (TRE245743); *Tetrodontophora bielanensis* (AF272824); *Tinamus major* (NC_002781); *Trichinella spiralis* (NC_002681).

Nuclear genes

18S: the alignment used is from Bromham et al. (1998).

actin: *Sus scrofa* (U16368); *Gallus gallus* (V01507); *Homo sapiens* (BC009978); *Salmo trutta* (AF267496); *Anolis carolinensis* (AF199487); *Equus caballus* (AF035774); *Marsupenaeus japonicus* (AB055975); *Anopheles gambiae* (U02933); *Limulus polyphemus* (Z38130); *Arabidopsis thaliana* (U39449); *Podocoryne carnea* (X69059); *Hydra vulgaris* (M32364); *Penaeus monodon* (AF100987); *Aedes aegypti* (U20287).

α – tubulin: *Urechis caupo* (U30467); *Paracentrotus lividus* (X53618); *Hirudo medicinalis* (U67676); *Danio rerio* (AF029250); *Xenopus laevis* (X07046); *Oncorhynchus nerka* (AY026060); *Mus musculus* (M28727); *Meriones unguiculatus* (AF052694); *Ovis aries* (AF251146); *Chionodraco rastrispinosus* (AF263277); *Macaca fascicularis* (X04757); *Gecarcinus lateralis* (U92646); *Drosophila melanogaster* (M14644); *Caenorhabditis elegans* (AF003387); *Haemonchus contortus* (L02108); *Chironomus tentans* (AF272829); *Artemia franciscana* (AF078670); *Trypanosoma cruzi* (AF091836); *Toxoplasma gondii* (M20024); *Plasmodium falciparum* (X15979); *Arabidopsis thaliana* (M17189).

β – tubulin: *Strongylocentrotus purpuratus* (X07502); *Paracentrotus lividus* (X15389); *Rattus norvegicus* (AB011679); *Cricetulus griseus* (AF120325); *Macaca mulatta* (AF147880); *Homo sapiens* (AF141349); *Gallus gallus* (V00389); *Chionodraco rastrispinosus* (AF255955); *Notothenia coriiceps* (AF255555); *Drosophila erecta* (M16922); *Heliothis virescens* (U75868); *Octopus dofleini* (L10111); *Bombyx mori* (AB011069); *Halocynthia roretzi* (D89794); *Arabidopsis thaliana* (M20405); *Cylicocyclus nassatus* (AF283767); *Cyathostomum coronatum* (AF283764); *Onchocerca volvulus* (AF019886).

calreticulin: *Strongylocentrotus purpuratus* (AF177914); *Onchocerca volvulus* (M20565); *Danio rerio* (AF195882); *Arabidopsis thaliana* (AY045656); *Drosophila melanogaster* (AB000718); *Amblyomma americanum* (U07708); *Rattus norvegicus* (D78308); *Mus musculus* (BC003453); *Oryctolagus cuniculus* (J05138); *Homo sapiens* (BC007911); *Bos Taurus* (L13462); *Rana rugosa* (D78589).

catalase: *Homo sapiens* (AY028632); *Canis familiaris* (AB038231); *Mus musculus* (AY040626); *Rana rugosa* (AB031872); *Danio rerio* (AF170069); *Drosophila melanogaster* (U00145); *Caenorhabditis elegans* (U55384); *Plexaura homomalla* (AF003692); *Strongylocentrotus purpuratus* (AF035380); *Lytechinus variegates* (AF035381); *Arabidopsis thaliana* (U43147).

elongation factor 1: *Oryctolagus cuniculus* (AF035178); *Salmo salar* (AF321836); *Cricetulus longicaudatus* (D00522); *Mus musculus* (BC004067); *Bos taurus* (AB060107); *Homo sapiens* (BC010735); *Gallus gallus* (U46663); *Xenopus laevis* (AB040437); *Seriola quinqueradiata* (AB032900); *Artemia sp.* (M28020); *Hydra vulgaris* (Z68181); *Arabidopsis thaliana* (AF360167); *Dreissena polymorpha* (AJ250733).

histone H1: *Xenopus laevis* (M36655); *Mus musculus* (AF034610); *Arabidopsis thaliana* (AY045797); *Rattus norvegicus* (M28409); *Gallus gallus* (M17020); *Bufo bufo* (AF255740); *Homo sapiens* (D64142); *Strongylocentrotus purpuratus* (M16033); *Tigriopus californicus* (M84797); *Rhynchosciara americana* (AF378198); *Drosophila virilis* (L76558); *Chironomus thummi* (L28731); *Chaetopterus variopedatus* (U96764).

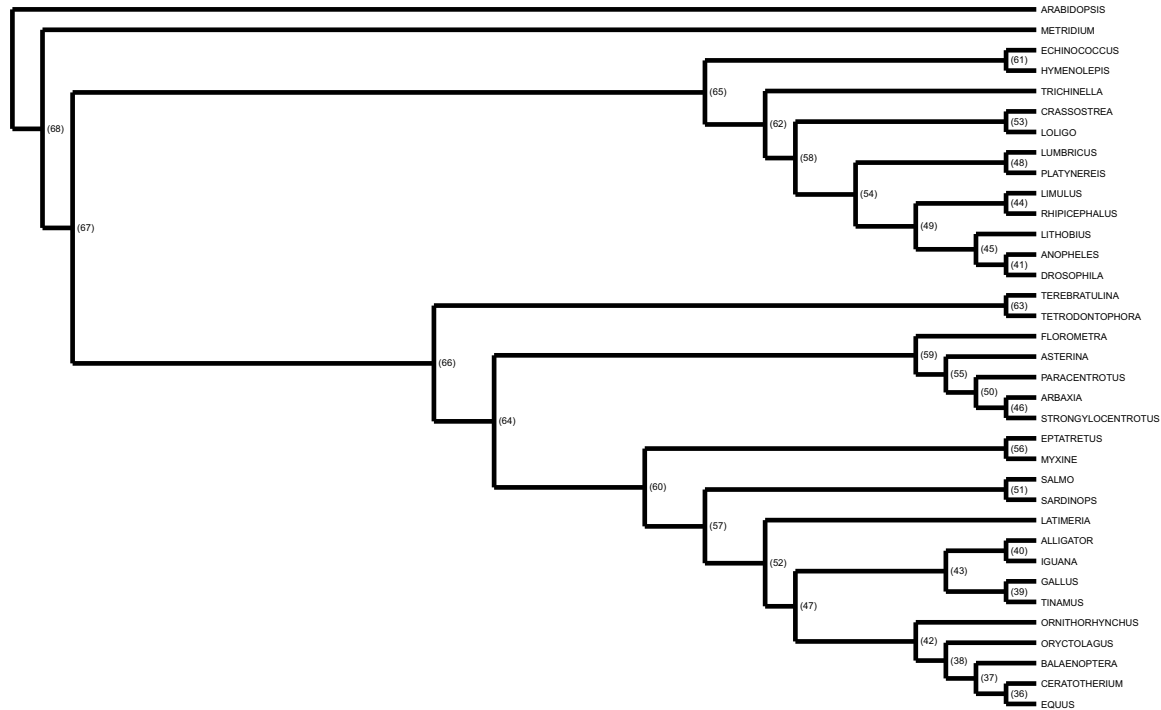
heat shock protein 70: *Rattus norvegicus* (L16764); *Bos taurus* (U09861); *Homo sapiens* (X51758); *Danio rerio* (AF210640); *Gallus gallus* (J02579); *Crassostrea gigas* (AF144646); *Paracentrotus lividus* (X61379); *Biomphalaria glabrata* (AF025477); *Stylophora pistillata* (AF152004); *Botryllus schlosseri* (U51901); *Takifugu rubripes* (Y08577); *Arabidopsis thaliana* (AF217458).

protein kinase C: *Aplysia californica* (M94884); *Caenorhabditis elegans* (U00181); *Drosophila melanogaster* (J04848); *Homo sapiens* (AF345987); *Oryctolagus cuniculus* (M19338); *Bos taurus* (M13973); *Lytechinus pictus* (U02967); *Danio rerio* (AF390109); *Xenopus laevis* (U12588); *Blumeria graminis* (AF283107); *Mus musculus* (D11091).

troponin C: *Patinopecten yessoensis* (AB034963); *Akazara scallop* (D85883); *Todarodes pacificus* (AB049962); *Oryctolagus cuniculus* (J03462); *Mus musculus* (M57590); *Danio rerio* (AF180890); *Xenopus laevis* (AB003080); *Gallus gallus* (D13037); *Homo sapiens* (M37984); *Perinereis vancaurica* (AB052102); *Drosophila silvestris* (AF047329); *Lytechinus pictus* (J04068); *Schizosaccharomyces pombe* (AL035075).

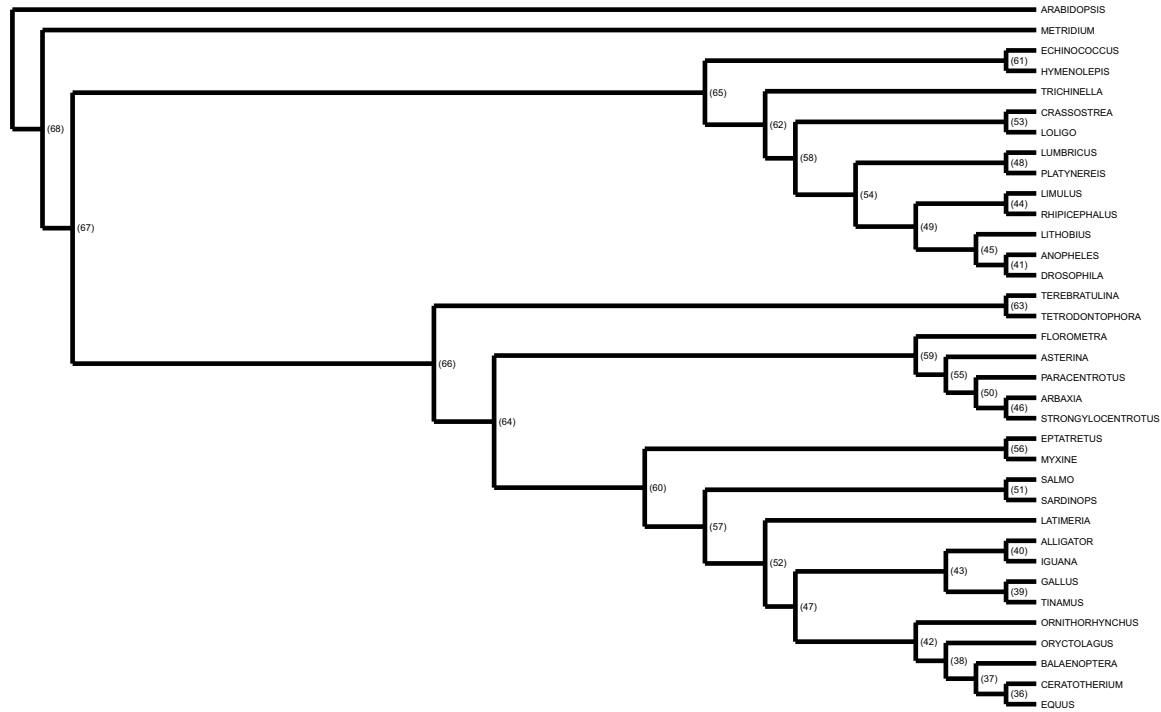
2 – Posterior date estimates

Cox1



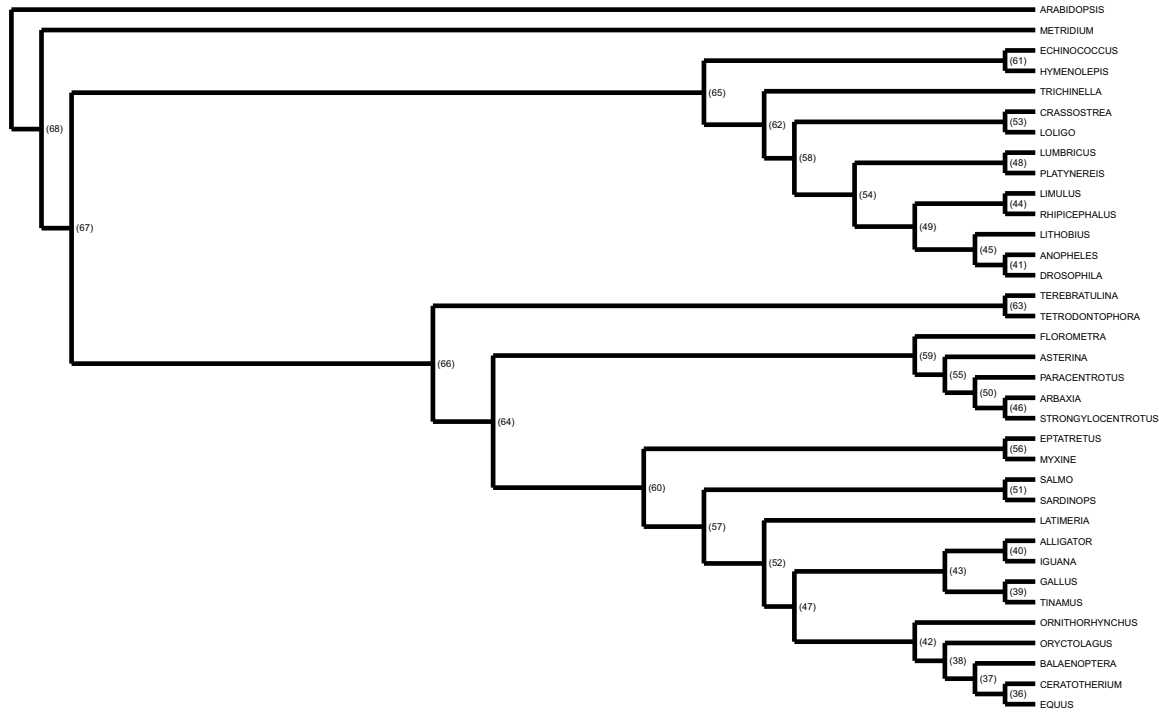
	CLOCK		EXP		OUP													
	relative	absolute	relative	absolute	relative	absolute	t[52]	0.0611	381.38	0.791	429.42	0.6611	415.73					
							t[53]	0.1388	867.15	0.8946	485.67	0.7216	453.77					
t[36]	0.0217	135.43	0.2916	158.3	0.0328	20.636	t[54]	0.1222	763.38	0.9356	507.92	0.8203	515.85					
t[37]	0.0328	205.02	0.4225	229.37	0.4224	265.66	t[55]	0.0547	341.6	0.6975	378.66	0.585	367.9					
t[38]	0.0418	260.84	0.5809	315.34	0.4958	311.8	t[56]	0.0308	192.37	0.5759	312.63	0.6622	416.41					
t[39]	0.0304	190.08	0.4585	248.89	0.5159	324.43	t[57]	0.0624	389.54	0.8037	436.32	0.7235	455.01					
t[40]	0.0461	287.96	0.62	336.59	0.496	311.92	t[58]	0.1406	878.25	0.9529	517.31	0.9044	568.73					
t[41]	0.0308	192.46	0.3297	179	0.2419	152.14	t[59]	0.0798	498.17	0.7745	420.47	0.6888	433.16					
t[42]	0.0457	285.25	0.6233	338.39	0.509	320.07	t[60]	0.0808	504.72	0.8393	455.62	0.7957	500.41					
t[43]	0.05	312.47	0.6822	370.34	0.5793	364.32	t[61]	0.0411	256.93	0.2461	133.58	0.188	118.25					
t[44]	0.0681	425.56	0.6291	341.55	0.3587	225.55	t[62]	0.3174	1982.4	0.9748	529.18	0.9852	619.54					
t[45]	0.0692	432.13	0.673	365.37	0.4822	303.27	t[63]	0.1059	661.64	0.9232	501.17	0.8588	540.1					
t[46]	0.0402	250.8	0.519	281.74	0.3682	231.54	t[64]	0.1223	764.16	0.9323	506.13	0.9212	579.3					
t[47]	0.0587	366.79	0.7507	407.57	0.6121	384.94	t[65]	0.3178	1985.2	0.9835	533.92	0.9893	622.15					
t[48]	0.0735	459.26	0.467	253.51	0.5766	362.58	t[66]	0.1268	792.24	0.9819	533.07	0.985	619.45					
t[49]	0.073	455.91	0.7223	392.15	0.6382	401.32	t[67]	0.3183	1988.1	0.9917	538.37	0.9929	624.42					
t[50]	0.0422	263.84	0.6219	337.64	0.4274	268.8	t[68]	0.3194	1995	0.9963	540.89	0.9972	627.1					
t[51]	0.0378	236.26	0.6502	352.96	0.4004	251.82	t[69]	1	6246.3	1	542.89	1	628.87					

Cox2



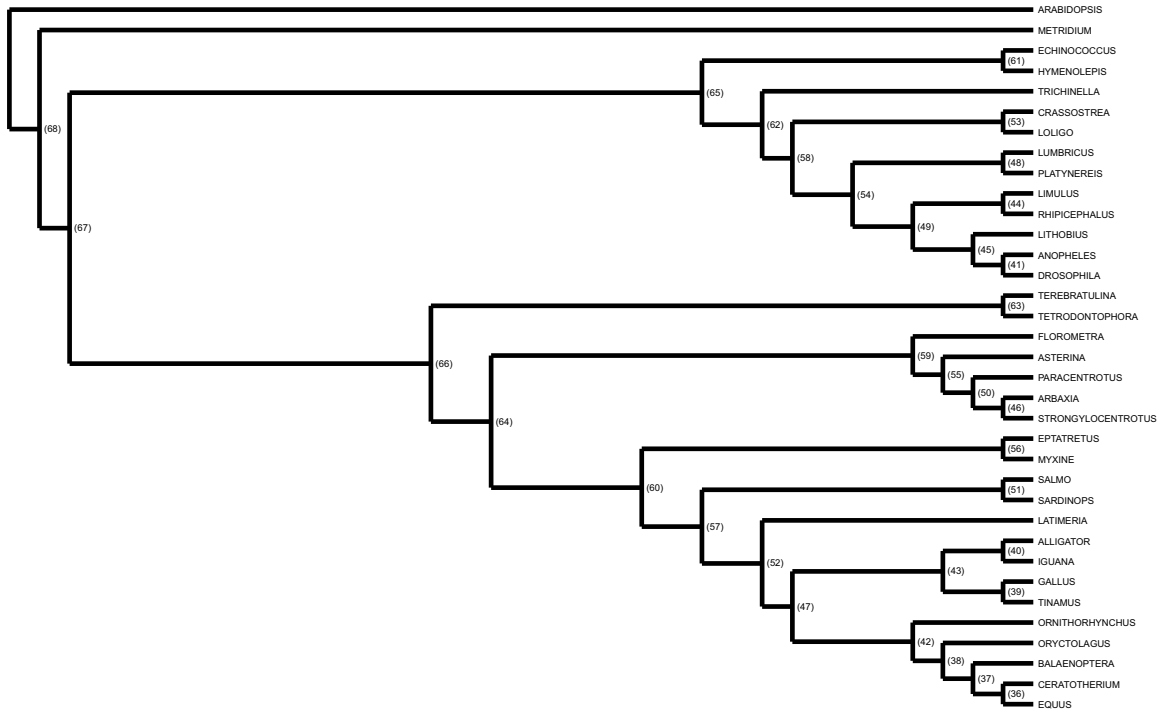
	CLOCK		EXP		OUP								
	relative	absolute	relative	absolute	relative	absolute	t[52]						
t[36]	0.0344	104.06	0.3225	187.68	0.3185	194.71	0.1263	382.55	0.7509	437.01	0.7091	433.5	
t[37]	0.0471	142.74	0.4328	251.85	0.4066	248.57	0.3219	974.62	0.8769	510.3	0.8101	495.27	
t[38]	0.0651	197.24	0.5027	292.52	0.4836	295.67	0.2995	907	0.9012	524.46	0.8635	527.87	
t[39]	0.045	136.21	0.2683	156.16	0.4071	248.9	0.1028	311.19	0.6664	387.84	0.7014	428.82	
t[40]	0.1049	317.64	0.5864	341.29	0.4453	272.25	0.0525	159.04	0.3294	191.72	0.1985	121.34	
t[41]	0.0607	183.84	0.2961	172.34	0.2004	122.53	0.1293	391.61	0.7734	450.11	0.7509	459.09	
t[42]	0.0812	246.01	0.5702	331.83	0.5492	335.74	0.1428	432.36	0.7278	423.54	0.7469	456.6	
t[43]	0.1094	331.2	0.6314	367.46	0.5706	348.86	0.213	644.91	0.822	478.4	0.8354	510.7	
t[44]	0.1855	561.73	0.6006	349.55	0.5494	335.87	0.0967	292.77	0.1172	68.201	0.141	86.179	
t[45]	0.1639	496.17	0.6251	363.77	0.5074	310.2	0.4154	1257.7	0.9563	556.55	0.9561	584.53	
t[46]	0.0634	191.97	0.4271	248.58	0.3851	235.44	0.2469	747.6	0.7653	445.36	0.7306	446.66	
t[47]	0.1122	339.67	0.6625	385.53	0.6339	387.55	t[64]	0.2638	798.66	0.8847	514.86	0.8963	547.97
t[48]	0.1659	502.19	0.4722	274.83	0.6864	419.65	t[65]	0.4188	1268	0.9724	565.87	0.9693	592.58
t[49]	0.1991	602.82	0.7108	413.66	0.6775	414.21	t[66]	0.3237	980.24	0.9805	570.63	0.9651	590
t[50]	0.0706	213.62	0.5325	309.88	0.5399	330.06	t[67]	0.422	1277.8	0.9919	577.23	0.9845	601.88
t[51]	0.0493	149.29	0.5987	348.42	0.4737	289.61	t[68]	0.427	1292.8	0.9966	579.99	0.9933	607.23
							t[69]	1	3027.9	1	581.96	1	611.35

Cox3



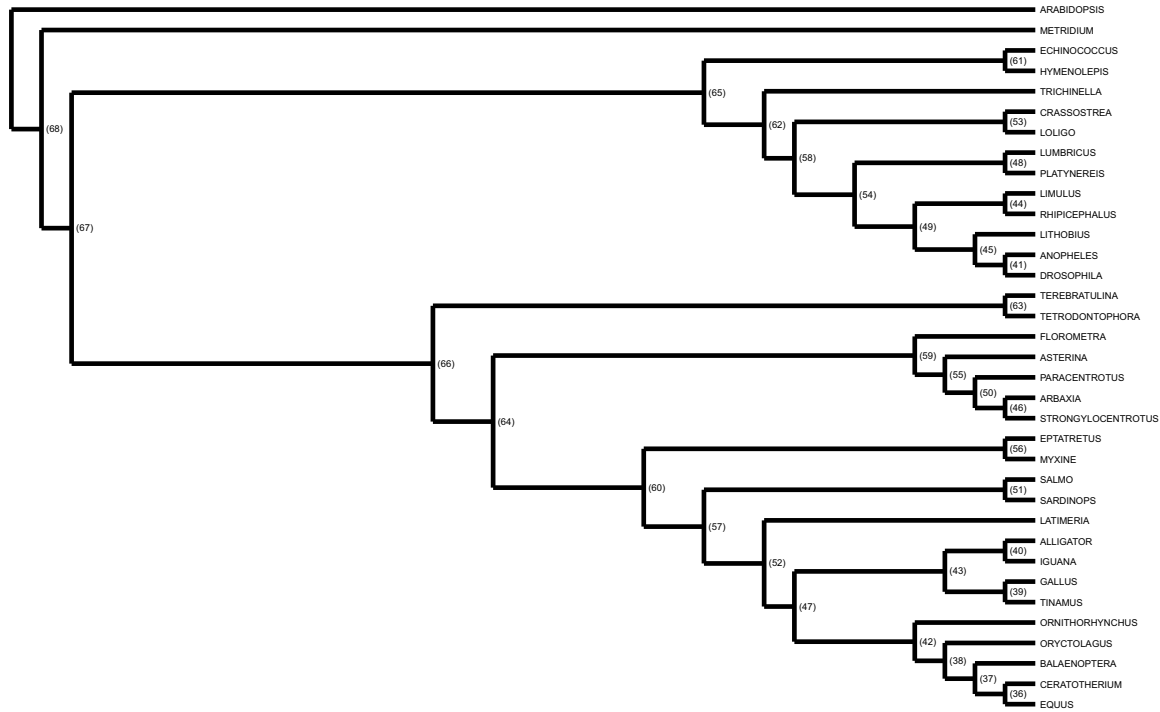
	CLOCK		EXP		OUP		t[52]	0.106	389.04	0.8126	441.94	0.7444	450.06
	relative	absolute	relative	absolute	relative	absolute							
t[36]	0.0415	152.34	0.3729	202.8	0.4806	290.56	t[53]	0.309	1133.5	0.938	510.14	0.8629	521.68
t[37]	0.0546	200.44	0.4652	253.02	0.536	324.04	t[54]	0.2487	912.32	0.9431	512.96	0.8773	530.41
t[38]	0.0668	244.93	0.5431	295.37	0.5647	341.41	t[55]	0.1286	471.97	0.76	413.34	0.7638	461.77
t[39]	0.058	212.86	0.3698	201.14	0.3737	225.91	t[56]	0.0582	213.54	0.5738	312.08	0.4988	301.57
t[40]	0.0906	332.37	0.6721	365.53	0.556	336.14	t[57]	0.1082	396.98	0.8246	448.48	0.7676	464.07
t[41]	0.0503	184.69	0.2832	154.01	0.3112	188.15	t[58]	0.3144	1153.4	0.9664	525.6	0.9379	567.01
t[42]	0.081	297.26	0.6234	339.03	0.6198	374.72	t[59]	0.1677	615.37	0.8126	441.95	0.8595	519.62
t[43]	0.0981	359.92	0.7436	404.41	0.6561	396.66	t[60]	0.1445	530.14	0.8557	465.39	0.8266	499.71
t[44]	0.1736	636.91	0.6456	351.15	0.5934	358.75	t[61]	0.1078	395.53	0.0867	47.155	0.1217	73.593
t[45]	0.1539	564.57	0.5912	321.53	0.6394	386.54	t[62]	0.4212	1545.4	0.9789	532.41	0.9704	586.65
t[46]	0.0794	291.29	0.4852	263.9	0.5005	302.6	t[63]	0.2107	773	0.8435	458.78	0.7683	464.5
t[47]	0.102	374.36	0.7752	421.63	0.709	428.64	t[64]	0.2142	786.01	0.9474	515.28	0.9205	556.53
t[48]	0.1433	525.78	0.5474	297.7	0.6134	370.83	t[65]	0.4238	1554.7	0.987	536.79	0.9782	591.37
t[49]	0.1815	665.96	0.7354	399.97	0.7308	441.79	t[66]	0.2375	871.46	0.9843	535.35	0.963	582.17
t[50]	0.0888	325.72	0.5883	319.95	0.6271	379.1	t[67]	0.4254	1560.9	0.9937	540.43	0.9844	595.14
t[51]	0.0645	236.47	0.6172	335.67	0.6163	372.62	t[68]	0.4299	1577.2	0.9974	542.46	0.9916	599.46
							t[69]	1	3668.9	1	543.88	1	604.57

CytB



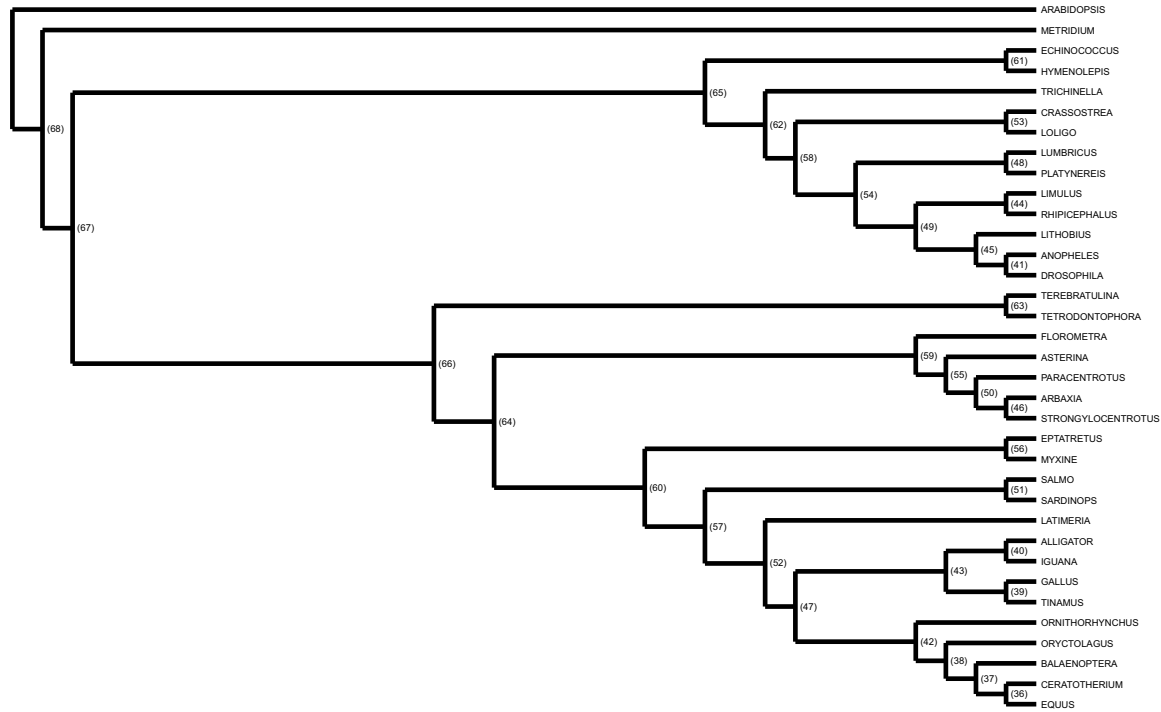
	CLOCK		EXP		OUP												
	relative	absolute	relative	absolute	relative	absolute	t[52]										
t[36]	0.0308	120.18	0.3245	186.66	0.1698	100.06	t[52]	0.0934	363.75	0.7589	436.59	0.7457	439.46				
t[37]	0.0455	177.21	0.4719	271.45	0.3646	214.87	t[53]	0.4286	1670.2	0.9719	559.12	0.9066	534.24				
t[38]	0.0548	213.47	0.5468	314.56	0.485	285.83	t[54]	0.1707	665.11	0.9606	552.62	0.9192	541.69				
t[39]	0.0409	159.19	0.4041	232.46	0.0859	50.637	t[55]	0.1176	458.25	0.741	426.27	0.7368	434.17				
t[40]	0.0785	305.82	0.5966	343.23	0.4401	259.36	t[56]	0.0677	263.69	0.5145	295.95	0.5333	314.3				
t[41]	0.0555	216.35	0.383	220.31	0.0983	57.909	t[57]	0.1024	399.1	0.8043	462.71	0.8072	475.7				
t[42]	0.0737	287.03	0.6238	358.86	0.5989	352.9	t[58]	0.4378	1706	0.9813	564.52	0.9781	576.37				
t[43]	0.0824	321.18	0.6551	376.84	0.594	350.04	t[59]	0.1343	523.15	0.7926	455.98	0.8181	482.1				
t[44]	0.1257	489.62	0.5269	303.13	0.7122	419.67	t[60]	0.1564	609.56	0.8285	476.62	0.8886	523.66				
t[45]	0.1257	489.78	0.6755	388.59	0.777	457.87	t[61]	0.0803	313.08	0.1122	64.558	0.1969	116.05				
t[46]	0.056	218.14	0.4602	264.74	0.1881	110.82	t[62]	0.44	1714.3	0.9869	567.76	0.981	578.09				
t[47]	0.0888	346.1	0.7131	410.22	0.7366	434.06	t[63]	0.1569	611.45	0.9036	519.82	0.7977	470.06				
t[48]	0.1228	478.52	0.6675	384.01	0.6795	400.43	t[64]	0.1832	713.97	0.8862	509.83	0.9236	544.25				
t[49]	0.1399	545.31	0.7403	425.85	0.8489	500.28	t[65]	0.4413	1719.5	0.9913	570.25	0.9856	580.8				
t[50]	0.0594	231.28	0.5115	294.24	0.4309	253.93	t[66]	0.199	775.5	0.9819	564.84	0.9774	575.97				
t[51]	0.0501	195.26	0.4825	277.55	0.4966	292.64	t[67]	0.4424	1723.7	0.9949	572.33	0.9897	583.23				
							t[68]	0.4449	1733.6	0.9979	574.06	0.9959	586.88				
							t[69]	1	3896.6	1	575.27	1	589.29				

ND1



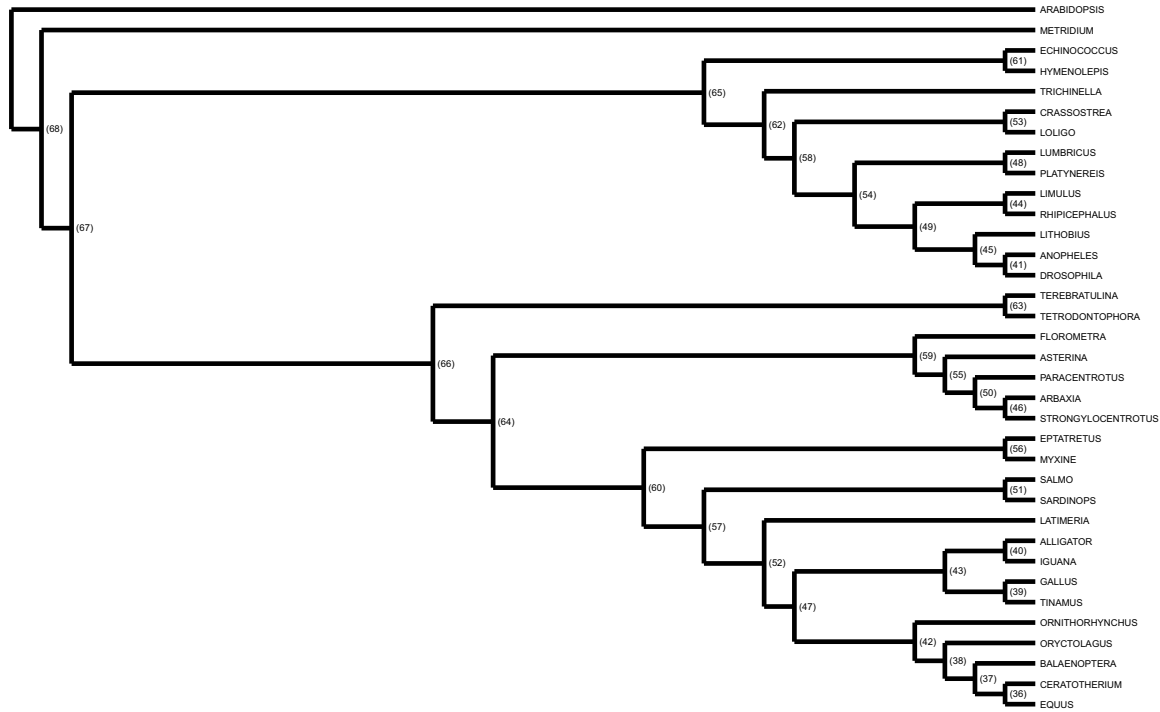
	CLOCK		EXP		OUP												
	relative	absolute	relative	absolute	relative	absolute	t[52]										
t[36]	0.0579	109.44	0.3237	179.52	0.1652	99.849	t[52]	0.1978	374.14	0.741	410.92	0.7092	428.64				
t[37]	0.0806	152.5	0.4331	240.18	0.3278	198.11	t[53]	0.6971	1318.4	0.9698	537.77	0.8467	511.74				
t[38]	0.1092	206.49	0.5177	287.07	0.4703	284.23	t[54]	0.7017	1327.2	0.9722	539.13	0.8757	529.24				
t[39]	0.0942	178.1	0.4267	236.65	0.4939	298.53	t[55]	0.6929	1310.5	0.8639	479.05	0.8507	514.13				
t[40]	0.1202	227.31	0.4901	271.78	0.4701	284.12	t[56]	0.0892	168.77	0.4851	269.01	0.5052	305.34				
t[41]	0.0768	145.21	0.1283	71.133	0.0857	51.825	t[57]	0.2027	383.37	0.7676	425.67	0.7464	451.14				
t[42]	0.1356	256.48	0.5782	320.63	0.5552	335.57	t[58]	0.7057	1334.7	0.9823	544.73	0.9034	545.99				
t[43]	0.1479	279.7	0.5818	322.63	0.5621	339.73	t[59]	0.6979	1319.9	0.887	491.89	0.8756	529.18				
t[44]	0.2222	420.17	0.2666	147.83	0.2049	123.83	t[60]	0.2588	489.42	0.8369	464.1	0.8229	497.34				
t[45]	0.1909	361.01	0.2461	136.5	0.1636	98.858	t[61]	0.1176	222.36	0.1267	70.278	0.4192	253.34				
t[46]	0.129	244.05	0.5313	294.62	0.1983	119.84	t[62]	0.7124	1347.3	0.9883	548.03	0.9197	555.88				
t[47]	0.172	325.21	0.6601	366.04	0.644	389.2	t[63]	0.7038	1331.1	0.9641	534.63	0.9194	555.68				
t[48]	0.2779	525.6	0.6248	346.48	0.8035	485.61	t[64]	0.704	1331.4	0.9058	502.28	0.8972	542.26				
t[49]	0.2249	425.3	0.271	150.29	0.2228	134.66	t[65]	0.7153	1352.9	0.9924	550.35	0.9295	561.81				
t[50]	0.1351	255.57	0.5588	309.88	0.4792	289.65	t[66]	0.7106	1344	0.9877	547.73	0.9426	569.68				
t[51]	0.1331	251.74	0.6355	352.42	0.6697	404.77	t[67]	0.7179	1357.7	0.9962	552.44	0.9503	574.32				
							t[68]	0.7234	1368.1	0.9984	553.68	0.9892	597.88				
							t[69]	1	1891.3	1	554.54	1	604.39				

ND2



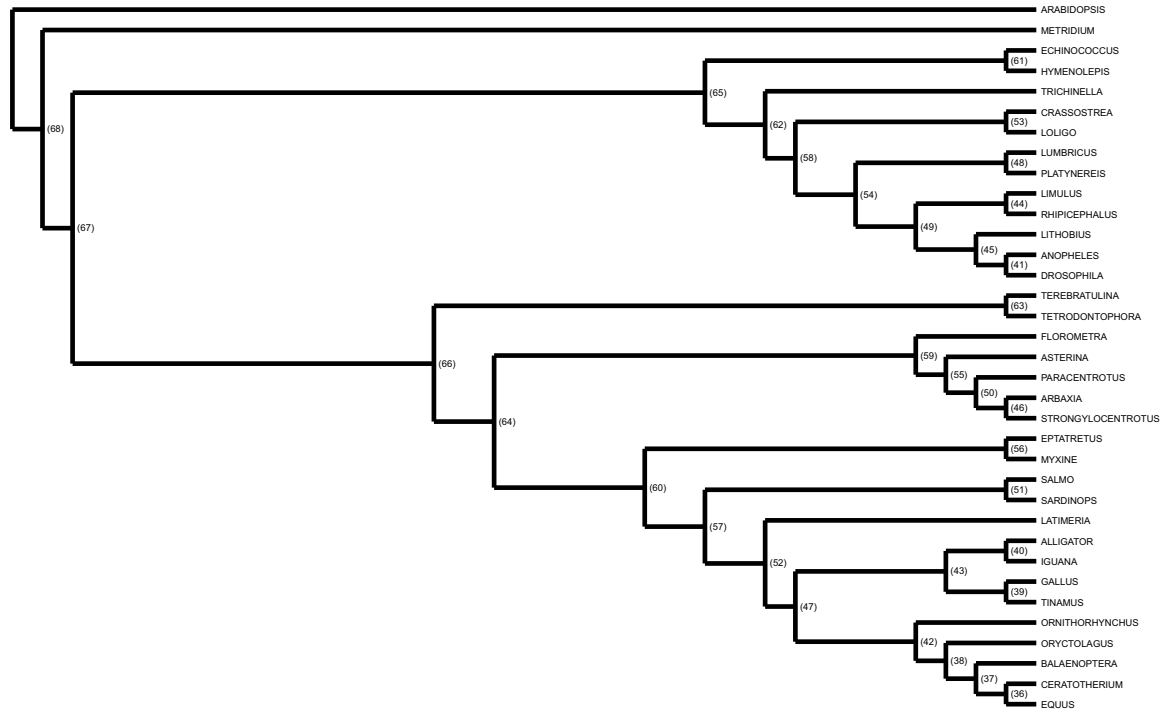
	CLOCK		EXP		OUP											
	relative	absolute	relative	absolute	relative	absolute	t[52]									
t[36]	0.0598	73.106	0.2657	150.38	0.1581	89.771	t[52]	0.2631	321.94	0.7422	420.05	0.7625	432.89			
t[37]	0.0879	107.55	0.3425	193.82	0.3942	223.79	t[53]	0.5708	698.31	0.7804	441.63	0.6541	371.38			
t[38]	0.1235	151.06	0.4133	233.92	0.5258	298.51	t[54]	0.4929	603.04	0.821	464.61	0.7666	435.23			
t[39]	0.1088	133.11	0.4119	233.09	0.4682	265.81	t[55]	0.7255	887.63	0.7679	434.58	0.8469	480.82			
t[40]	0.2258	276.22	0.6067	343.34	0.5533	314.11	t[56]	0.1022	125.04	0.3188	180.4	0.5271	299.27			
t[41]	0.1352	165.35	0.3743	211.84	0.2601	147.65	t[57]	0.2691	329.22	0.7526	425.92	0.8005	454.46			
t[42]	0.1782	218.06	0.5345	302.49	0.5986	339.82	t[58]	0.5898	721.63	0.8531	482.81	0.8146	462.45			
t[43]	0.2327	284.71	0.6458	365.46	0.6264	355.62	t[59]	0.7342	898.24	0.8151	461.28	0.886	503.02			
t[44]	0.3779	462.39	0.6372	360.59	0.6454	366.41	t[60]	0.4116	503.57	0.8384	474.46	0.8839	501.83			
t[45]	0.2971	363.45	0.5954	336.93	0.5837	331.39	t[61]	0.1293	158.2	0.115	65.056	0.0472	26.8			
t[46]	0.1484	181.5	0.4339	245.54	0.4436	251.87	t[62]	0.7968	974.88	0.9593	542.88	0.9102	516.72			
t[47]	0.2567	314.01	0.7073	400.26	0.7019	398.49	t[63]	0.3171	387.99	0.4845	274.19	0.6794	385.71			
t[48]	0.3715	454.5	0.552	312.38	0.5761	327.05	t[64]	0.7767	950.29	0.888	502.55	0.9219	523.37			
t[49]	0.3891	476.08	0.6746	381.77	0.6566	372.78	t[65]	0.8075	987.96	0.9829	556.28	0.9523	540.64			
t[50]	0.1521	186.04	0.5194	293.93	0.5032	285.71	t[66]	0.7886	964.82	0.9795	554.34	0.9693	550.29			
t[51]	0.1516	185.53	0.5729	324.21	0.5675	322.19	t[67]	0.8131	994.8	0.9932	562.1	0.9835	558.38			
							t[68]	0.8851	1082.8	0.9972	564.35	0.9925	563.5			
							t[69]	1	1223.4	1	565.93	1	567.73			

ND3



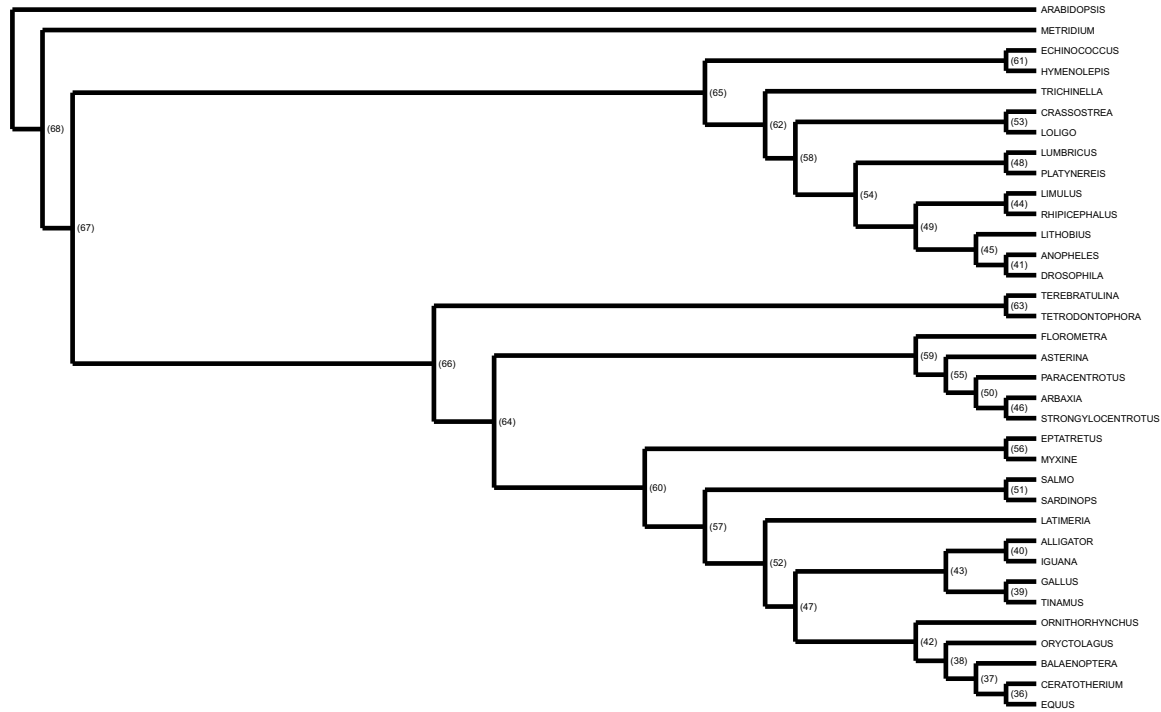
	CLOCK		EXP		OUP		t[52]	0.2706	333.15	0.7623	446.38	0.6738	424.5
	relative	absolute	relative	absolute	relative	absolute							
t[36]	0.0681	83.909	0.245	143.46	0.218	137.38	t[53]	0.5593	688.76	0.9051	529.99	0.7038	443.44
t[37]	0.0954	117.49	0.3528	206.59	0.3471	218.67	t[54]	0.4783	588.99	0.8552	500.74	0.7361	463.74
t[38]	0.1394	171.71	0.4718	276.24	0.4558	287.17	t[55]	0.4664	574.28	0.7411	433.94	0.7816	492.45
t[39]	0.1244	153.24	0.3951	231.35	0.4296	270.66	t[56]	0.1047	128.88	0.4331	253.63	0.6815	429.36
t[40]	0.1725	212.36	0.482	282.25	0.4644	292.61	t[57]	0.2775	341.66	0.775	453.82	0.7009	441.57
t[41]	0.234	288.16	0.5446	318.89	0.467	294.25	t[58]	0.6013	740.43	0.9599	562.1	0.8441	531.83
t[42]	0.1777	218.77	0.5209	305.02	0.5129	323.13	t[59]	0.4951	609.62	0.8054	471.64	0.8137	512.67
t[43]	0.2112	260.08	0.6258	366.42	0.5815	366.36	t[60]	0.3926	483.44	0.8189	479.51	0.7786	490.54
t[44]	0.3544	436.38	0.6959	407.47	0.5596	352.54	t[61]	0.1933	238.05	0.195	114.19	0.3956	249.25
t[45]	0.3735	459.97	0.7694	450.51	0.6181	389.41	t[62]	0.7001	862.09	0.9758	571.38	0.8827	556.15
t[46]	0.2197	270.5	0.573	335.52	0.542	341.45	t[63]	0.5392	663.94	0.8935	523.23	0.7578	477.43
t[47]	0.2664	328.02	0.7483	438.17	0.651	410.16	t[64]	0.5164	635.87	0.8558	501.11	0.8424	530.76
t[48]	0.3434	422.89	0.5489	321.43	0.5624	354.32	t[65]	0.7154	880.96	0.9858	577.23	0.9065	571.12
t[49]	0.3928	483.67	0.8048	471.25	0.6694	421.74	t[66]	0.6798	837.07	0.9844	576.43	0.9141	575.91
t[50]	0.4543	559.47	0.688	402.84	0.6975	439.42	t[67]	0.7231	890.38	0.9931	581.54	0.9224	581.12
t[51]	0.1786	219.91	0.626	366.54	0.5814	366.31	t[68]	0.751	924.76	0.9971	583.87	0.9756	614.69
							t[69]	1	1231.4	1	585.56	1	630.03

ND4



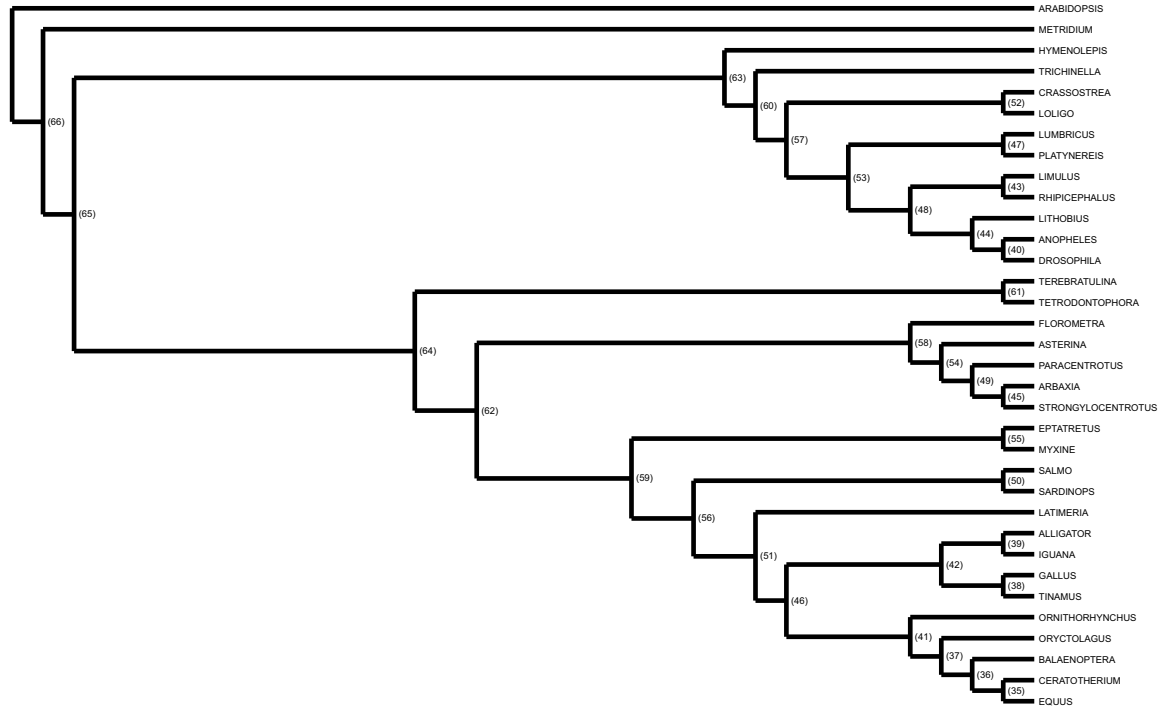
	CLOCK		EXP		OUP		t[52]	0.2114	378.4	0.7668	442.5	0.6371	428.36
	relative	absolute	relative	absolute	relative	absolute							
t[36]	0.0554	99.138	0.2951	170.27	0.1248	83.892	t[53]	0.7708	1379.8	0.9646	556.66	0.9581	644.26
t[37]	0.0774	138.59	0.404	233.13	0.1739	116.94	t[54]	0.7749	1387	0.968	558.59	0.9624	647.12
t[38]	0.1061	189.82	0.499	287.96	0.2267	152.43	t[55]	0.2394	428.57	0.6982	402.9	0.7062	474.84
t[39]	0.0946	169.27	0.4493	259.25	0.3296	221.65	t[56]	0.0831	148.78	0.5832	336.55	0.3066	206.17
t[40]	0.1555	278.38	0.5785	333.8	0.396	266.29	t[57]	0.2141	383.26	0.7766	448.14	0.6566	441.48
t[41]	0.0722	129.27	0.1132	65.299	0.1393	93.684	t[58]	0.7804	1396.9	0.9786	564.7	0.9713	653.11
t[42]	0.1506	269.56	0.6136	354.1	0.312	209.81	t[59]	0.3293	589.35	0.7652	441.6	0.7178	482.65
t[43]	0.1644	294.24	0.6358	366.92	0.4228	284.32	t[60]	0.3182	569.6	0.8374	483.25	0.7516	505.38
t[44]	0.2141	383.21	0.2548	147.05	0.3432	230.76	t[61]	0.1294	231.58	0.2471	142.61	0.1869	125.65
t[45]	0.2177	389.64	0.2509	144.8	0.3428	230.48	t[62]	0.7872	1409.1	0.9844	568.08	0.9843	661.87
t[46]	0.1358	243	0.4893	282.33	0.308	207.1	t[63]	0.7768	1390.5	0.9564	551.92	0.966	649.52
t[47]	0.1996	357.29	0.7148	412.51	0.4653	312.86	t[64]	0.4111	735.81	0.8685	501.16	0.7988	537.09
t[48]	0.2298	411.35	0.4975	287.09	0.4539	305.2	t[65]	0.7941	1421.5	0.9894	570.97	0.99	665.69
t[49]	0.231	413.46	0.2854	164.67	0.3923	263.78	t[66]	0.7843	1403.9	0.9844	568.07	0.9908	666.25
t[50]	0.1399	250.41	0.5354	308.94	0.3807	255.95	t[67]	0.7985	1429.2	0.9949	574.11	0.9957	669.53
t[51]	0.1107	198.22	0.6115	352.89	0.3125	210.15	t[68]	0.8076	1445.5	0.9979	575.84	0.9981	671.14
							t[69]	1	1790	1	577.06	1	672.41

ND4L

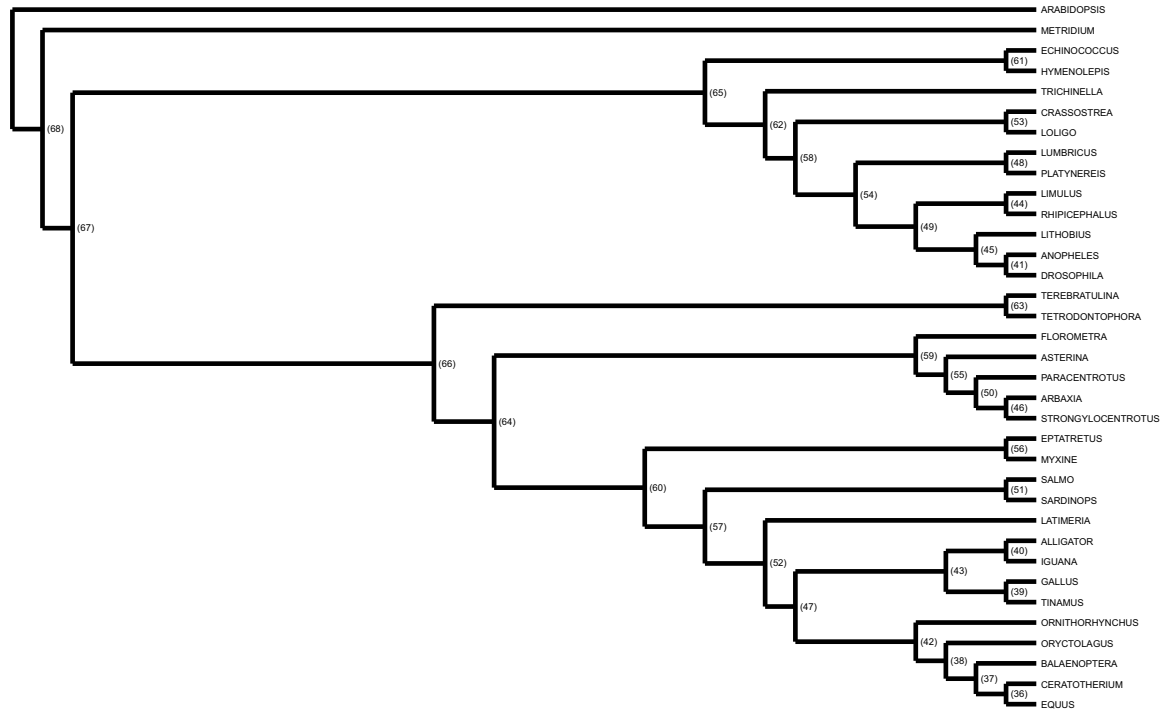


	CLOCK		EXP		OUP		t[52]	0.326	386.8	0.7246	442.26	0.8327	452.67
	relative	absolute	relative	absolute	relative	absolute							
t[36]	0.0795	94.308	0.2749	167.78	0.1242	67.513	t[53]	0.8611	1021.8	0.9339	569.99	0.7892	429.02
t[37]	0.1101	130.67	0.3513	214.43	0.3881	210.96	t[54]	0.8804	1044.7	0.9415	574.66	0.8392	456.21
t[38]	0.1411	167.4	0.4276	261	0.5065	275.35	t[55]	0.2812	333.7	0.61	372.31	0.6466	351.48
t[39]	0.1328	157.57	0.3821	233.25	0.4857	264.02	t[56]	0.1408	167.12	0.5148	314.19	0.6159	334.79
t[40]	0.2611	309.81	0.5619	342.93	0.4989	271.18	t[57]	0.3318	393.71	0.7367	449.67	0.844	458.82
t[41]	0.1226	145.5	0.1683	102.73	0.2308	125.46	t[58]	0.902	1070.3	0.9637	588.21	0.8882	482.82
t[42]	0.2129	252.68	0.5214	318.22	0.6055	329.16	t[59]	0.5818	690.34	0.7841	478.61	0.8168	444
t[43]	0.2845	337.56	0.6331	386.4	0.682	370.74	t[60]	0.4675	554.76	0.7921	483.48	0.8714	473.72
t[44]	0.2996	355.46	0.3094	188.82	0.3503	190.44	t[61]	0.1622	192.49	0.1507	92.001	0.2767	150.41
t[45]	0.3011	357.34	0.273	166.62	0.3372	183.29	t[62]	0.9236	1096	0.9757	595.54	0.9195	499.84
t[46]	0.1455	172.6	0.4426	270.12	0.2518	136.88	t[63]	0.8843	1049.3	0.9445	576.5	0.7696	418.35
t[47]	0.3196	379.26	0.6936	423.34	0.7874	428.02	t[64]	0.6396	758.96	0.8608	525.43	0.9047	491.78
t[48]	0.4508	534.88	0.7282	444.46	0.7766	422.16	t[65]	0.9472	1124	0.9856	601.57	0.9474	514.99
t[49]	0.3921	465.31	0.3798	231.8	0.4518	245.6	t[66]	0.9306	1104.3	0.9851	601.26	0.9623	523.09
t[50]	0.1513	179.58	0.484	295.42	0.3981	216.42	t[67]	0.9625	1142.1	0.9938	606.58	0.9745	529.72
t[51]	0.1669	198.01	0.6472	395.01	0.5324	289.44	t[68]	0.9787	1161.3	0.9975	608.81	0.9866	536.34
							t[69]	1	1186.6	1	610.36	1	543.6

ND5

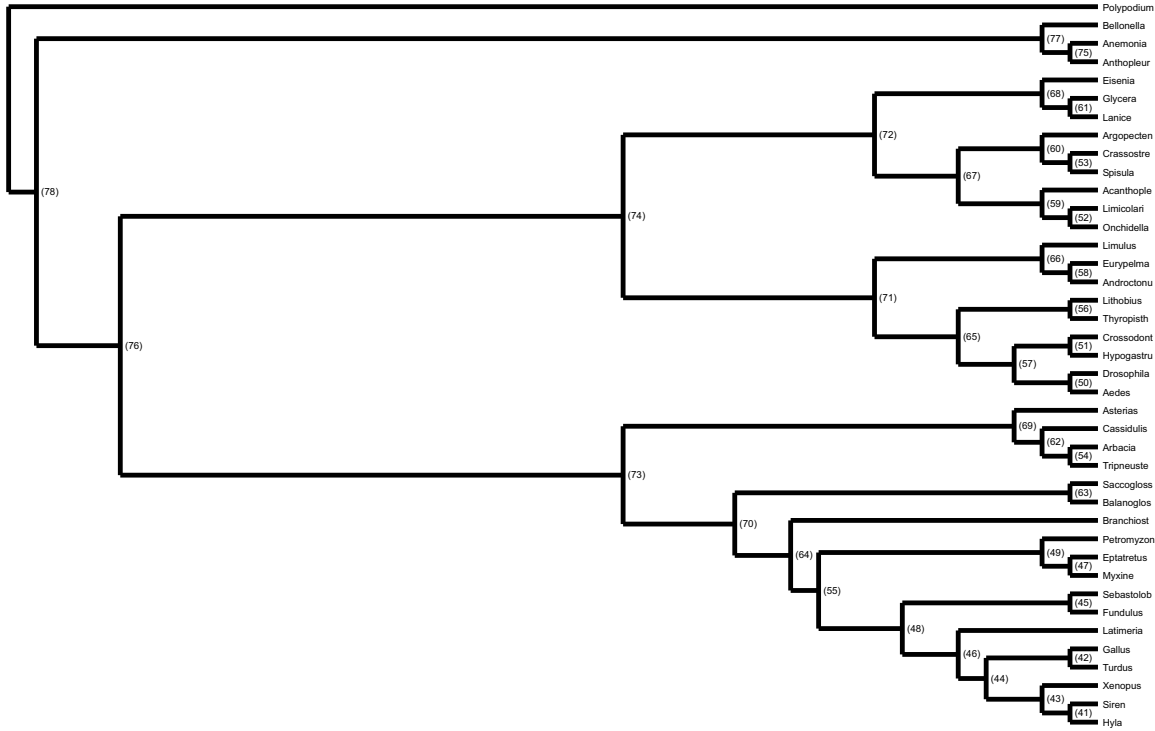


	CLOCK		EXP		OUP								
	relative	absolute	relative	absolute	relative	absolute	t[51]						
							t[51]	0.1521	377.65	0.7007	445.52	0.6878	430.1
							t[52]	0.6175	1533.6	0.9425	599.25	0.8869	554.64
t[35]	0.0381	94.569	0.2028	128.95	0.1367	85.49	t[53]	0.6186	1536.3	0.9479	602.67	0.8902	556.71
t[36]	0.0645	160.11	0.3434	218.32	0.2552	159.57	t[54]	0.1859	461.78	0.7139	453.9	0.7172	448.48
t[37]	0.0884	219.63	0.4336	275.65	0.4433	277.21	t[55]	0.0666	165.46	0.5396	343.07	0.3474	217.25
t[38]	0.0709	176.02	0.3682	234.13	0.3205	200.46	t[56]	0.1531	380.14	0.7152	454.72	0.7032	439.74
t[39]	0.122	302.87	0.4699	298.77	0.5299	331.36	t[57]	0.6229	1546.9	0.9628	612.13	0.9215	576.23
t[40]	0.0623	154.73	0.0849	54.004	0.0951	59.478	t[58]	0.2431	603.78	0.7586	482.32	0.78	487.8
t[41]	0.1102	273.72	0.5116	325.28	0.6119	382.63	t[59]	0.2239	556.02	0.7555	480.33	0.7932	496.05
t[42]	0.1312	325.82	0.5432	345.34	0.5939	371.38	t[60]	0.6316	1568.5	0.9792	622.57	0.9562	597.97
t[43]	0.1841	457.33	0.2573	163.59	0.2378	148.73	t[61]	0.6279	1559.4	0.9752	620.05	0.9606	600.72
t[44]	0.1839	456.73	0.2794	177.64	0.2409	150.63	t[62]	0.3346	830.92	0.82	521.34	0.8767	548.27
t[45]	0.1084	269.18	0.5716	363.45	0.3879	242.58	t[63]	0.6353	1577.7	0.9878	628.05	0.9737	608.93
t[46]	0.1481	367.87	0.6232	396.26	0.6588	411.98	t[64]	0.6336	1573.6	0.991	630.08	0.9843	615.51
t[47]	0.1835	455.65	0.3851	244.81	0.5669	354.51	t[65]	0.6376	1583.5	0.9957	633.08	0.9886	618.23
t[48]	0.1908	473.75	0.293	186.3	0.2616	163.58	t[66]	0.6425	1595.8	0.9982	634.68	0.9955	622.51
t[49]	0.11	273.15	0.5874	373.44	0.5169	323.25	t[67]	1	2483.5	1	635.8	1	625.35
t[50]	0.0834	207.16	0.6697	425.77	0.5643	352.86							



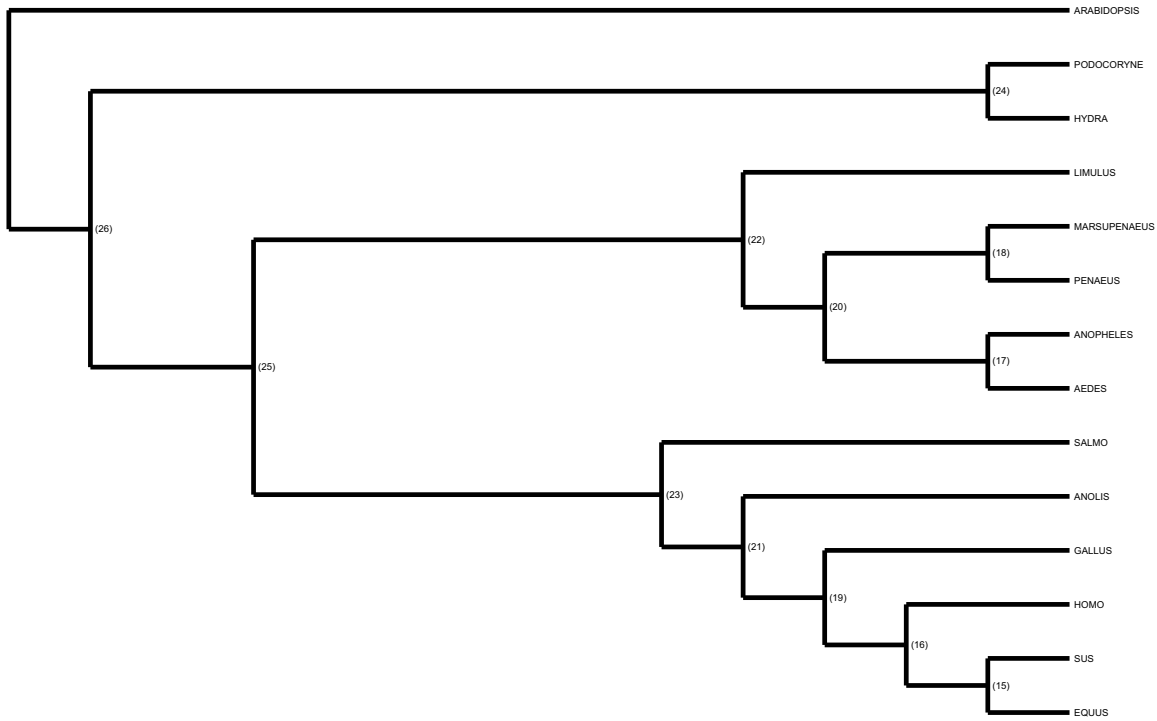
	CLOCK		EXP		OUP		t[52]	0.3229	379.93	0.5368	435.57	0.5243	417.13
	relative	absolute	relative	absolute	relative	absolute							
t[36]	0.0674	79.338	0.1334	108.23	0.0677	53.875	t[53]	0.7807	918.64	0.9324	756.6	0.6507	517.74
t[37]	0.1033	121.56	0.1964	159.36	0.1615	128.53	t[54]	0.5723	673.42	0.8753	710.32	0.7686	611.55
t[38]	0.1504	177.02	0.2726	221.25	0.3024	240.6	t[55]	0.3296	387.9	0.5278	428.28	0.4393	349.56
t[39]	0.1277	150.23	0.2207	179.11	0.2603	207.08	t[56]	0.1424	167.57	0.4524	367.15	0.4191	333.46
t[40]	0.2667	313.87	0.4276	346.98	0.398	316.7	t[57]	0.3309	389.41	0.544	441.47	0.5469	435.13
t[41]	0.1536	180.71	0.3207	260.24	0.1777	141.38	t[58]	0.8211	966.21	0.9592	778.41	0.8232	654.98
t[42]	0.2057	242.03	0.3383	274.49	0.376	299.13	t[59]	0.3563	419.29	0.5712	463.54	0.5514	438.71
t[43]	0.2795	328.85	0.4609	373.98	0.4292	341.53	t[60]	0.4817	566.79	0.6041	490.23	0.6423	511.07
t[44]	0.3665	431.27	0.6667	541	0.5976	475.47	t[61]	0.1736	204.22	0.2794	226.7	0.3463	275.57
t[45]	0.3603	423.95	0.7643	620.21	0.61	485.33	t[62]	0.8492	999.23	0.973	789.6	0.8773	698.02
t[46]	0.1581	186.04	0.3559	288.81	0.2232	177.59	t[63]	0.6881	809.67	0.9263	751.69	0.8215	653.61
t[47]	0.3198	376.26	0.5229	424.29	0.499	397.05	t[64]	0.5588	657.54	0.6569	533.08	0.6826	543.11
t[48]	0.4326	509.05	0.5156	418.39	0.6259	497.99	t[65]	0.8746	1029.2	0.985	799.35	0.9288	739.01
t[49]	0.4013	472.26	0.8153	661.59	0.694	552.18	t[66]	0.9347	1099.9	0.9858	799.94	0.9548	759.72
t[50]	0.1679	197.61	0.3765	305.5	0.2733	217.49	t[67]	0.9489	1116.5	0.9938	806.48	0.9736	774.63
t[51]	0.2488	292.8	0.4928	399.86	0.4725	375.92	t[68]	0.9813	1154.7	0.9975	809.46	0.9874	785.66
							t[69]	1	1176.7	1	811.48	1	795.67

18S rRNA



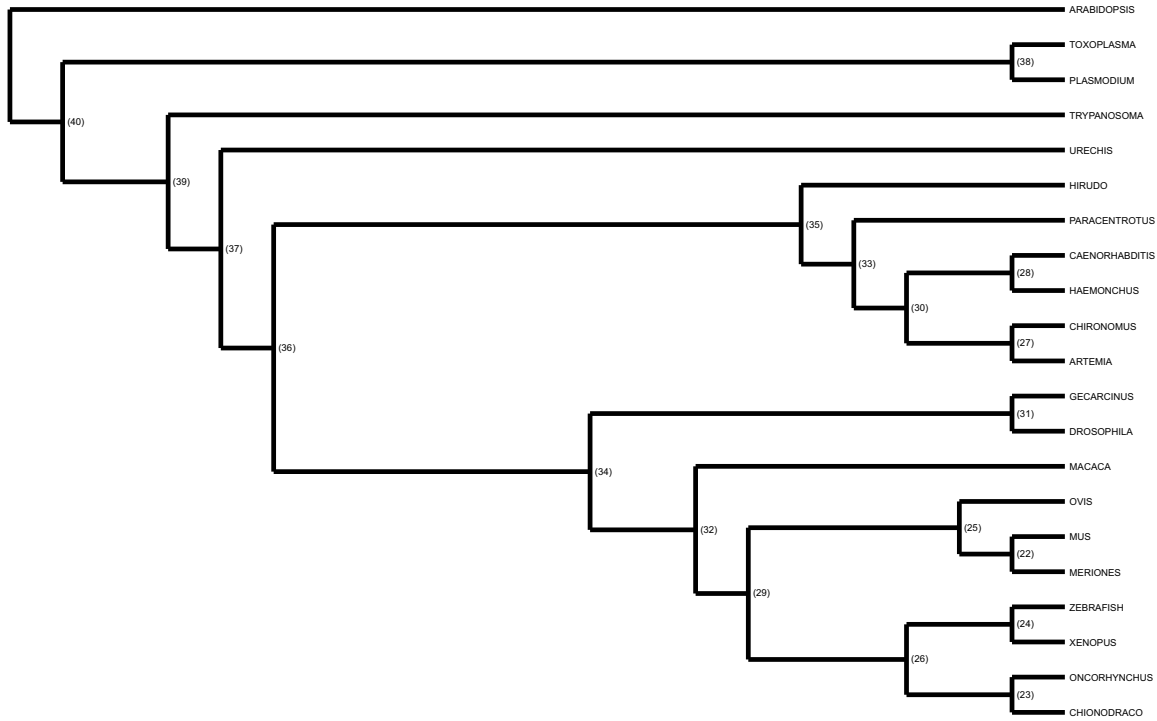
	CLOCK		EXP		OUP											
	relative	absolute	relative	absolute	relative	absolute	t[60]									
t[41]	0.04	94.03	0.39	253.19	0.41	296.55	t[61]	0.00	5.82	0.19	121.23	0.18	131.51			
t[42]	0.04	76.41	0.24	156.07	0.40	285.52	t[62]	0.04	77.58	0.60	390.29	0.65	462.87			
t[43]	0.05	111.60	0.47	302.24	0.48	347.24	t[63]	0.34	731.15	0.67	435.36	0.60	427.37			
t[44]	0.15	315.09	0.61	396.91	0.54	388.41	t[64]	0.51	1078.36	0.78	508.89	0.69	491.86			
t[45]	0.17	360.63	0.64	417.59	0.43	309.75	t[65]	0.56	1185.00	0.79	514.43	0.67	479.62			
t[46]	0.16	336.13	0.65	420.86	0.57	411.21	t[66]	0.24	503.87	0.73	475.93	0.66	470.12			
t[47]	0.01	17.44	0.05	33.78	0.10	73.07	t[67]	0.32	689.25	0.80	519.62	0.67	482.49			
t[48]	0.18	375.50	0.67	436.48	0.59	425.17	t[68]	0.28	604.76	0.78	506.06	0.61	436.73			
t[49]	0.36	765.39	0.58	377.65	0.49	352.92	t[69]	0.20	435.82	0.73	475.38	0.68	488.28			
t[50]	0.32	681.97	0.30	197.21	0.47	333.50	t[70]	0.55	1172.21	0.85	549.33	0.73	523.61			
t[51]	0.08	173.05	0.26	172.05	0.46	330.43	t[71]	0.56	1194.61	0.81	524.79	0.70	501.80			
t[52]	0.05	116.44	0.25	163.91	0.26	186.84	t[72]	0.33	707.50	0.82	532.29	0.72	517.36			
t[53]	0.25	529.86	0.55	355.92	0.46	332.22	t[73]	0.56	1192.18	0.86	556.27	0.76	544.00			
t[54]	0.03	64.03	0.54	350.08	0.40	284.22	t[74]	0.61	1289.44	0.84	549.04	0.76	541.95			
t[55]	0.40	841.45	0.71	459.37	0.63	452.47	t[75]	0.06	122.02	0.39	255.33	0.54	383.96			
t[56]	0.38	800.81	0.56	361.50	0.53	382.45	t[76]	0.67	1426.82	0.87	567.36	0.79	564.26			
t[57]	0.55	1161.68	0.72	470.33	0.63	450.26	t[77]	0.18	388.06	0.63	406.52	0.62	441.08			
t[58]	0.17	367.65	0.59	384.74	0.58	413.03	t[78]	0.96	2047.80	0.99	641.75	0.89	638.82			
t[59]	0.29	619.54	0.74	478.35	0.55	392.45	t[79]	1.00	2130.05	1.00	649.82	1.00	716.24			

actin



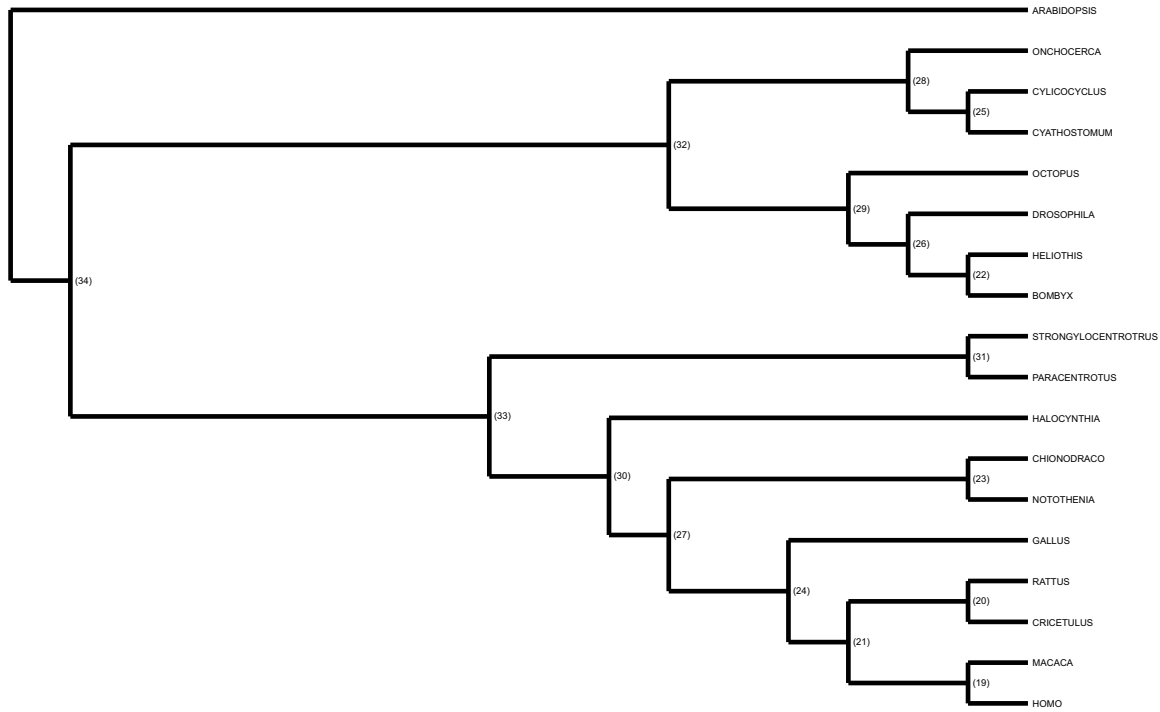
	CLOCK		EXP		OUP	
	relative	absolute	relative	absolute	relative	absolute
t[15]	0.3153	306.24	0.563	283.4	0.3439	207.59
t[16]	0.3578	347.45	0.7216	363.24	0.4992	301.34
t[17]	0.4005	388.92	0.6055	304.77	0.5332	321.83
t[18]	0.4966	482.31	0.7777	391.45	0.5617	339.06
t[19]	0.3726	361.87	0.7725	388.84	0.5899	356.1
t[20]	0.515	500.16	0.8269	416.23	0.6506	392.72
t[21]	0.4204	408.25	0.8208	413.17	0.6524	393.77
t[22]	0.5793	562.58	0.8985	452.27	0.7478	451.39
t[23]	0.4407	428	0.8503	428	0.7091	428
t[24]	0.402	390.39	0.6442	324.23	0.5341	322.37
t[25]	0.6121	594.46	0.9206	463.4	0.8219	496.11
t[26]	0.9221	895.53	0.9841	495.34	0.9136	551.47
t[27]	1	971.18	1	503.35	1	603.61

α tubulin



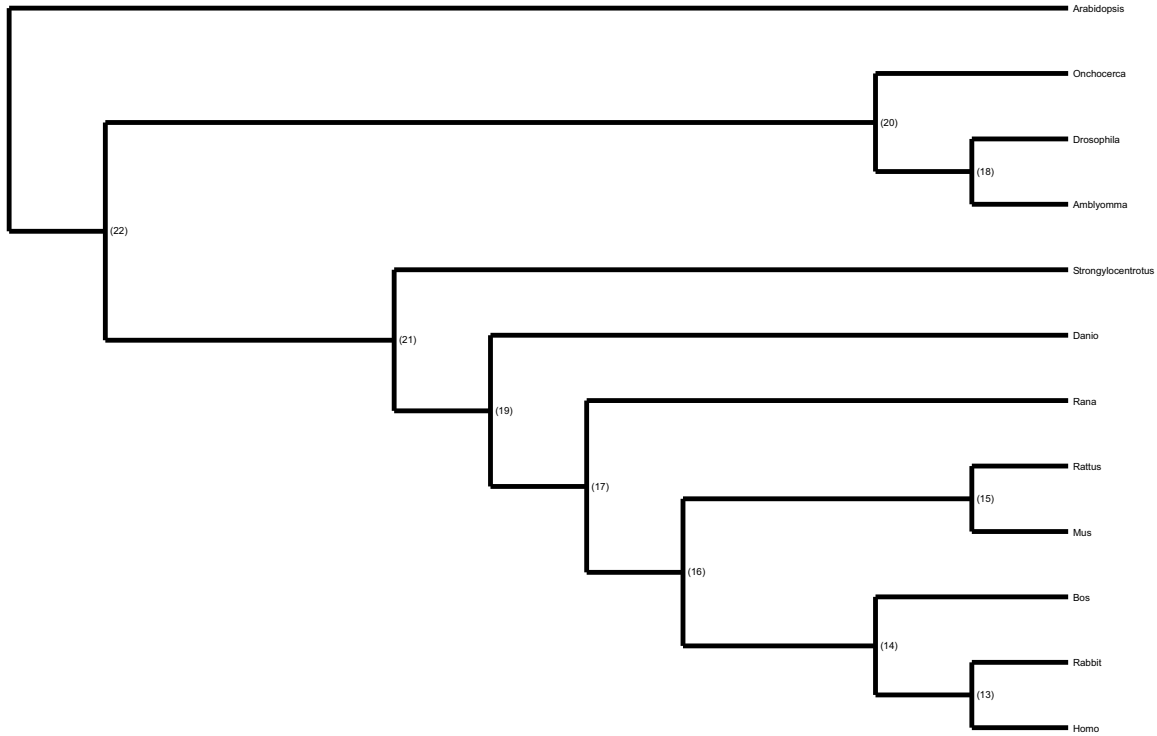
	CLOCK		EXP		OUP	
	relative	absolute	relative	absolute	relative	absolute
t[22]	0.0519	75.184	0.4584	280.39	0.0855	55.391
t[23]	0.2313	334.9	0.5516	337.41	0.376	243.67
t[24]	0.4611	667.79	0.4774	291.99	0.2945	190.83
t[25]	0.4763	689.72	0.5489	335.73	0.4535	293.89
t[26]	0.0855	123.84	0.5997	366.81	0.4434	287.34
t[27]	0.2448	354.52	0.4239	259.26	0.3538	229.28
t[28]	0.4885	707.37	0.4288	262.3	0.4752	307.94
t[29]	0.2405	348.2	0.6623	405.09	0.5346	346.45
t[30]	0.2673	387.03	0.586	358.45	0.5793	375.43
t[31]	0.4342	628.82	0.6191	378.68	0.5011	324.69
t[32]	0.5117	741.02	0.7048	431.12	0.6062	392.82
t[33]	0.2956	428	0.6997	428	0.6605	428
t[34]	0.5407	783.03	0.7708	471.49	0.6965	451.34
t[35]	0.4722	683.83	0.7503	458.93	0.7025	455.23
t[36]	0.5493	795.51	0.8071	493.66	0.7532	488.07
t[37]	0.5541	802.36	0.8272	505.98	0.7842	508.18
t[38]	0.7495	1085.4	0.6513	398.38	0.6896	446.9
t[39]	0.8855	1282.3	0.9396	574.73	0.8408	544.82
t[40]	0.9887	1431.8	0.9871	603.8	0.9087	588.88
t[41]	1	1448.1	1	611.67	1	648.02

β tubulin



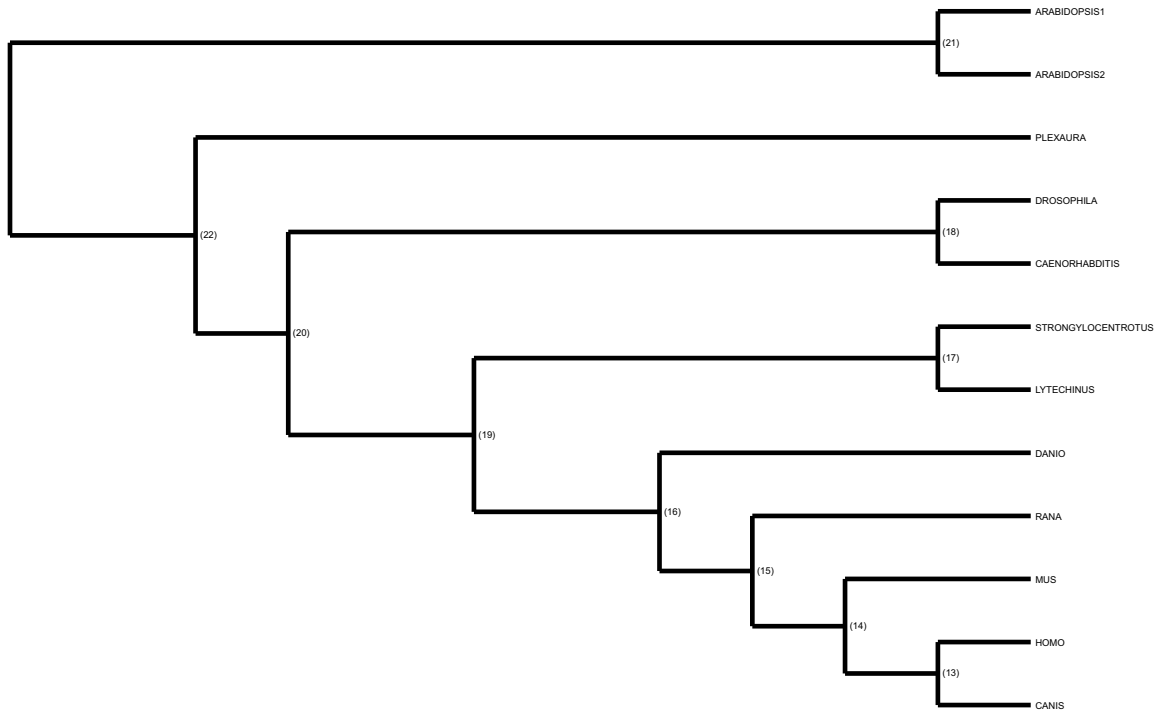
	CLOCK		EXP		OUP	
	relative	absolute	relative	absolute	relative	absolute
t[19]	0.0183	25.638	0.2193	116.53	0.0087	5.6641
t[20]	0.0898	125.98	0.3741	227.69	0.0258	16.847
t[21]	0.113	158.58	0.4546	279.27	0.0464	30.307
t[22]	0.6871	964.31	0.7711	455.03	0.5431	354.85
t[23]	0.2609	366.17	0.6244	367.96	0.6479	423.29
t[24]	0.274	384.57	0.6995	413.72	0.6172	403.23
t[25]	0.0453	63.604	0.1908	118.63	0.0232	15.17
t[26]	0.7044	988.57	0.8221	485.29	0.616	402.49
t[27]	0.305	428	0.7249	428	0.6551	428
t[28]	0.508	712.93	0.5212	276.79	0.5414	353.7
t[29]	0.8123	1140	0.9048	536.17	0.7254	473.95
t[30]	0.486	682.09	0.85	501.77	0.7424	485.02
t[31]	0.0612	85.829	0.5684	345.03	0.3884	253.75
t[32]	0.8407	1179.8	0.9567	567.39	0.8347	545.32
t[33]	0.5038	707.11	0.8937	527.21	0.8133	531.34
t[34]	0.8526	1196.6	0.987	586.25	0.9073	592.76
t[35]	1	1403.5	1	592.73	1	653.33

calreticulin



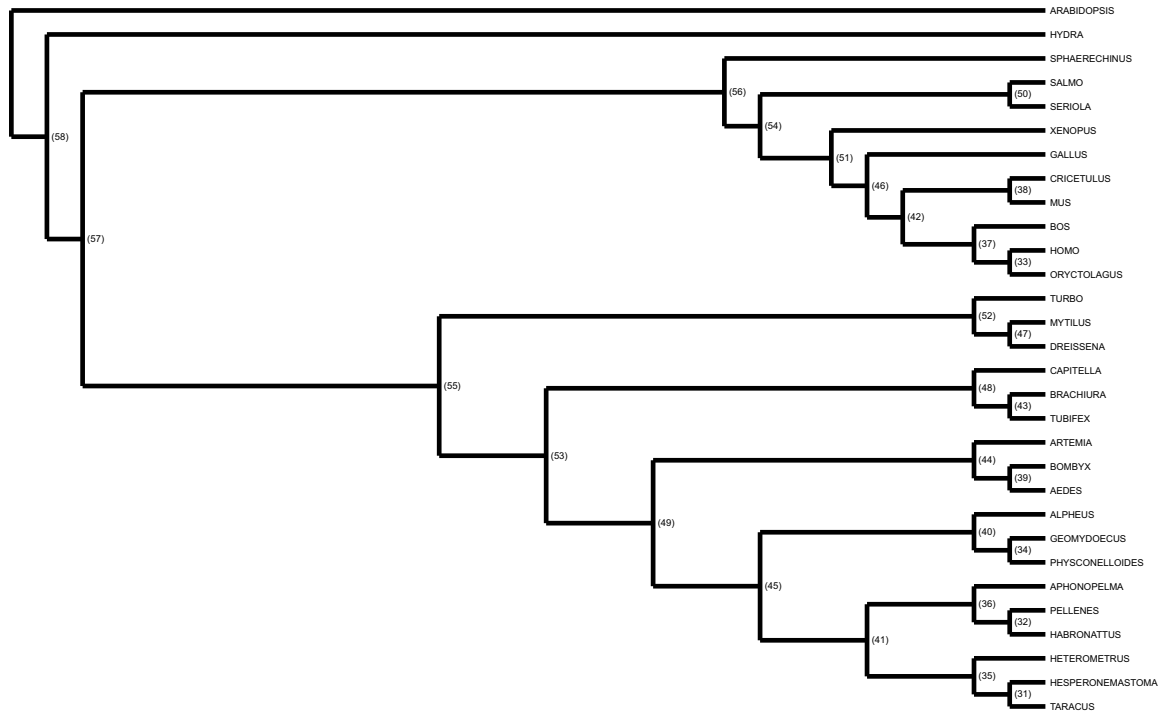
	CLOCK		EXP		OUP	
	relative	absolute	relative	absolute	relative	absolute
t[13]	0.1658	110.93	0.4645	230.85	0.2892	173.24
t[14]	0.2657	177.79	0.5603	278.46	0.4592	275
t[15]	0.0426	28.493	0.3746	186.2	0.0171	10.25
t[16]	0.2705	181	0.5931	294.79	0.5168	309.55
t[17]	0.5352	358.08	0.736	365.81	0.6365	381.23
t[18]	0.4676	312.91	0.5122	254.56	0.5071	303.72
t[19]	0.6397	428	0.8611	428	0.7146	428
t[20]	0.7433	497.35	0.9549	474.6	0.7532	451.11
t[21]	0.7199	481.7	0.9605	477.4	0.7894	472.79
t[22]	0.7561	505.93	0.9851	489.63	0.8453	506.27
t[23]	1	669.11	1	497.02	1	598.94

catalase



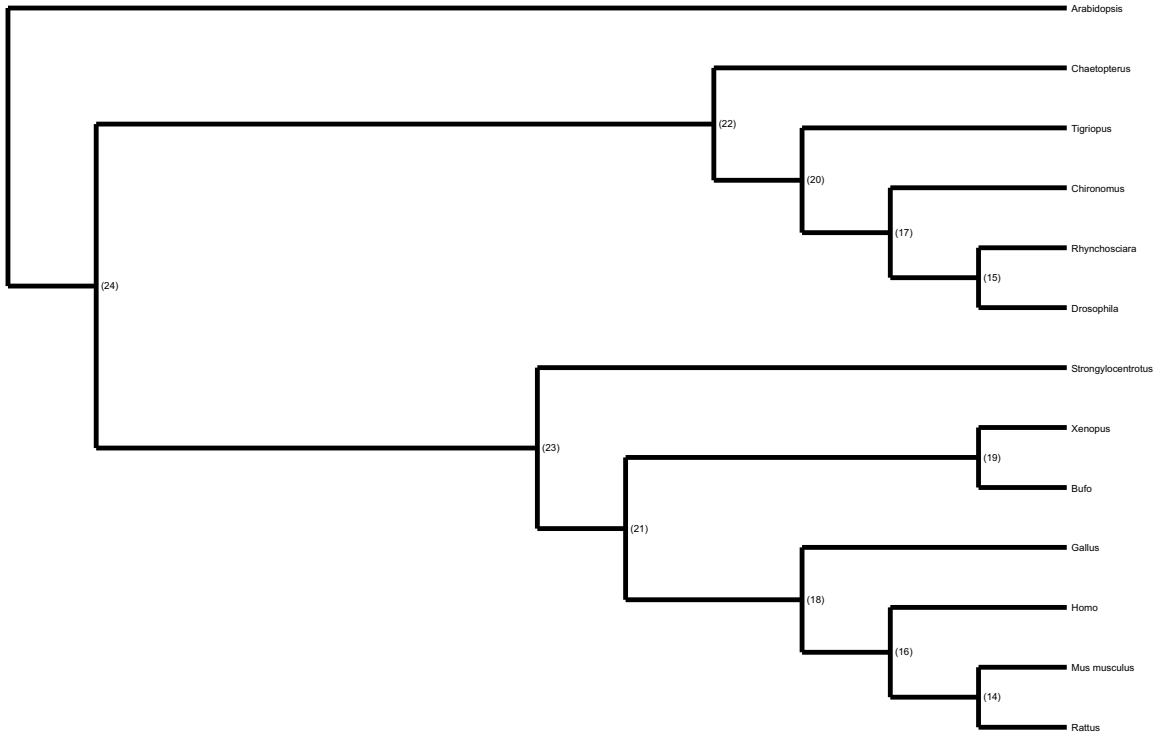
	CLOCK		EXP		OUP	
	relative	absolute	relative	absolute	relative	absolute
t[13]	0.0748	105.32	0.2612	167.53	0.067	49.415
t[14]	0.1178	165.92	0.3944	252.9	0.1889	139.22
t[15]	0.2505	352.84	0.5546	355.66	0.4482	330.37
t[16]	0.3039	428	0.6674	428	0.5806	428
t[17]	0.1434	201.94	0.0867	55.595	0.1098	80.971
t[18]	0.4977	700.91	0.7537	483.31	0.5663	417.46
t[19]	0.752	1059.1	0.9262	593.95	0.7247	534.25
t[20]	0.7553	1063.7	0.9454	606.3	0.7762	572.18
t[21]	0.2219	312.46	0.6765	433.85	0.2274	167.63
t[22]	0.9963	1403.1	0.9832	630.54	0.8755	645.37
t[23]	1	1408.4	1	641.29	1	737.16

EF-1



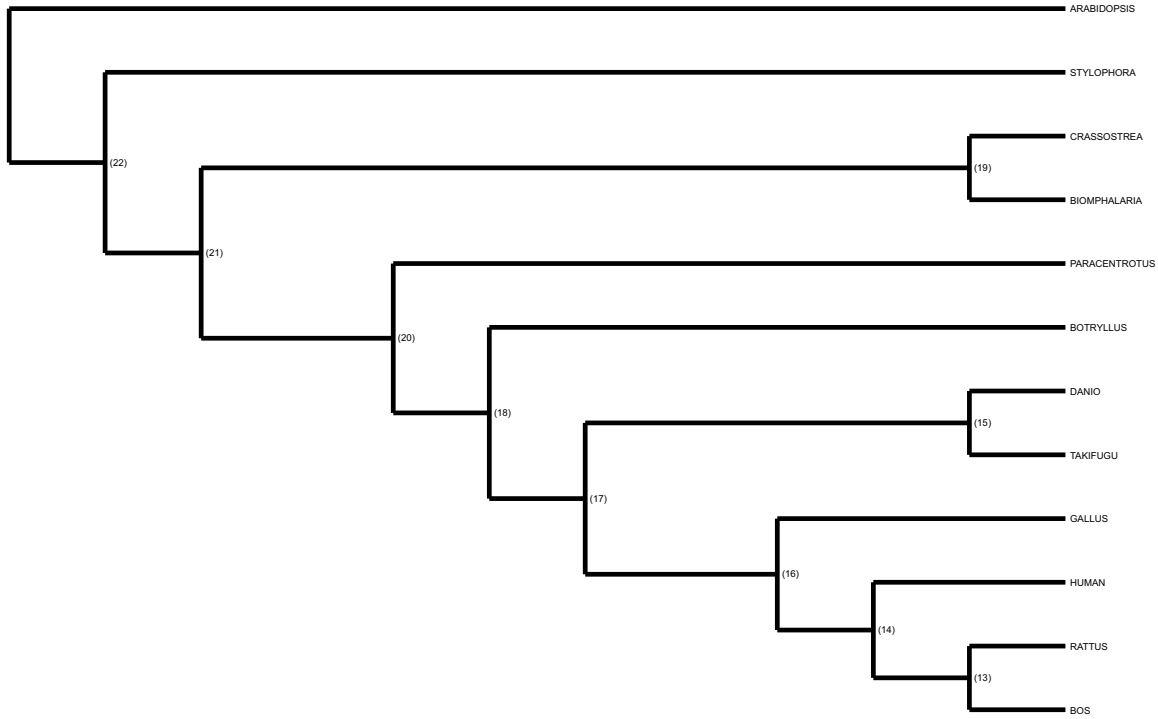
	CLOCK		EXP		OUP								
	relative	absolute	relative	absolute	relative	absolute	t[45]						
							t[45]	0.5492	472.74	0.7346	445.04	0.815	438.91
							t[46]	0.979	842.72	0.8623	522.4	0.9265	499
t[31]	0.195	167.85	0.3921	237.53	0.4914	264.65	t[47]	0.3098	266.64	0.5398	327.02	0.5924	319.04
t[32]	0.037	31.868	0.1589	96.244	0.0156	8.3886	t[48]	0.4029	346.85	0.72	436.16	0.6783	365.3
t[33]	0.1992	171.5	0.6418	388.77	0.4208	226.62	t[49]	0.9904	852.52	0.979	593.09	0.951	512.17
t[34]	0.2431	209.29	0.3258	197.35	0.4062	218.77	t[50]	0.2376	204.53	0.7489	453.65	0.0467	25.166
t[35]	0.3144	270.65	0.543	328.95	0.6419	345.71	t[51]	0.985	847.91	0.8944	541.8	0.9473	510.18
t[36]	0.2275	195.86	0.4686	283.9	0.5285	284.64	t[52]	0.4376	376.66	0.7989	483.96	0.9302	500.94
t[37]	0.2014	173.38	0.6805	412.25	0.572	308.07	t[53]	0.992	853.87	0.9839	596.03	0.9641	519.21
t[38]	0.0712	61.303	0.5353	324.3	0.0611	32.88	t[54]	0.9874	849.91	0.919	556.7	0.9592	516.6
t[39]	0.8008	689.29	0.9657	585.03	0.8464	455.85	t[55]	0.9938	855.48	0.9884	598.77	0.9733	524.17
t[40]	0.3992	343.59	0.5778	350.06	0.6299	339.26	t[56]	0.9918	853.76	0.982	594.89	0.972	523.49
t[41]	0.3775	324.99	0.6147	372.36	0.708	381.31	t[57]	0.9962	857.51	0.9926	601.3	0.9772	526.27
t[42]	0.2034	175.08	0.6978	422.71	0.6719	361.86	t[58]	0.9982	859.23	0.9982	604.68	0.9922	534.35
t[43]	0.2243	193.07	0.3826	231.81	0.4235	228.07	t[59]	1	860.8	1	605.8	1	538.56
t[44]	0.8417	724.53	0.9733	589.6	0.8739	470.64							

histone H1



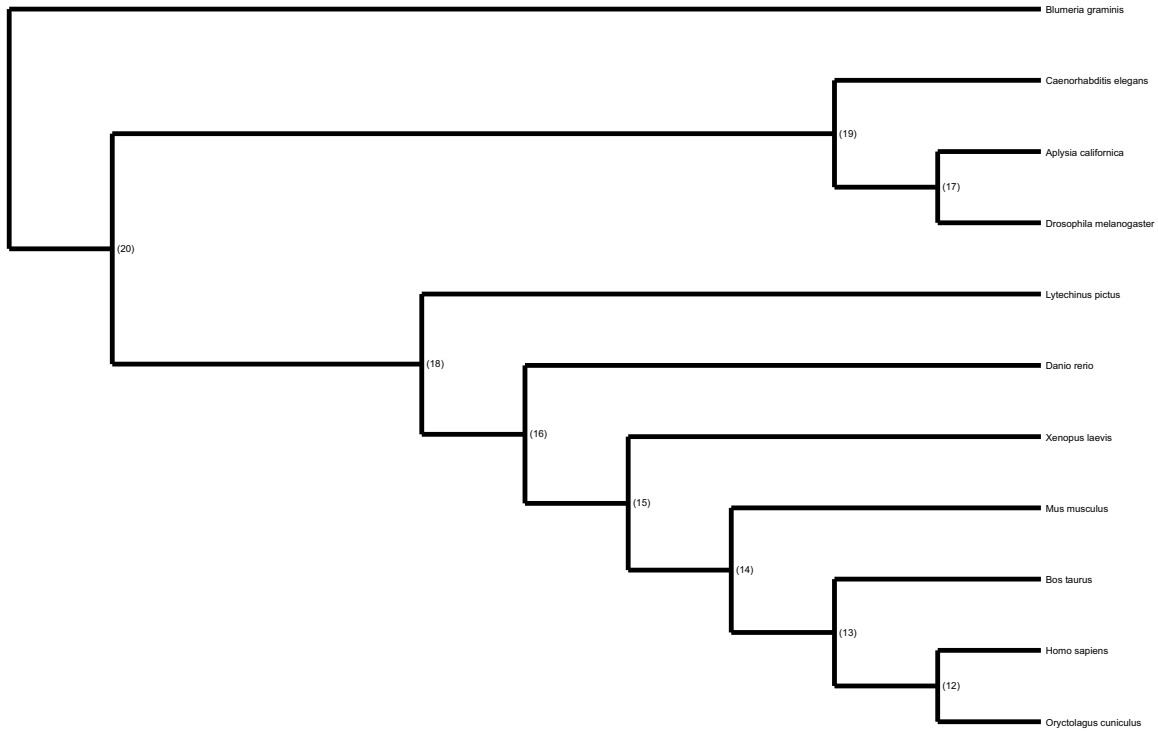
	CLOCK		EXP		OUP	
	relative	absolute	relative	absolute	relative	absolute
t[14]	0.6486	368.29	0.6297	355.46	0.4991	305.28
t[15]	0.3327	188.91	0.3773	212.99	0.5056	309.26
t[16]	0.6613	375.53	0.6665	376.22	0.5996	366.79
t[17]	0.4989	283.3	0.5967	336.79	0.6406	391.87
t[18]	0.6941	394.13	0.7291	411.55	0.6846	418.78
t[19]	0.7392	419.72	0.7294	411.71	0.6159	376.74
t[20]	0.5694	323.32	0.8523	481.06	0.7175	438.92
t[21]	0.7537	428	0.7583	428	0.6997	428
t[22]	0.5905	335.31	0.9195	519.02	0.8162	499.3
t[23]	0.7839	445.12	0.966	545.24	0.8562	523.75
t[24]	0.7954	451.63	0.9881	557.74	0.9144	559.32
t[25]	1	567.84	1	564.46	1	611.71

Hsp70



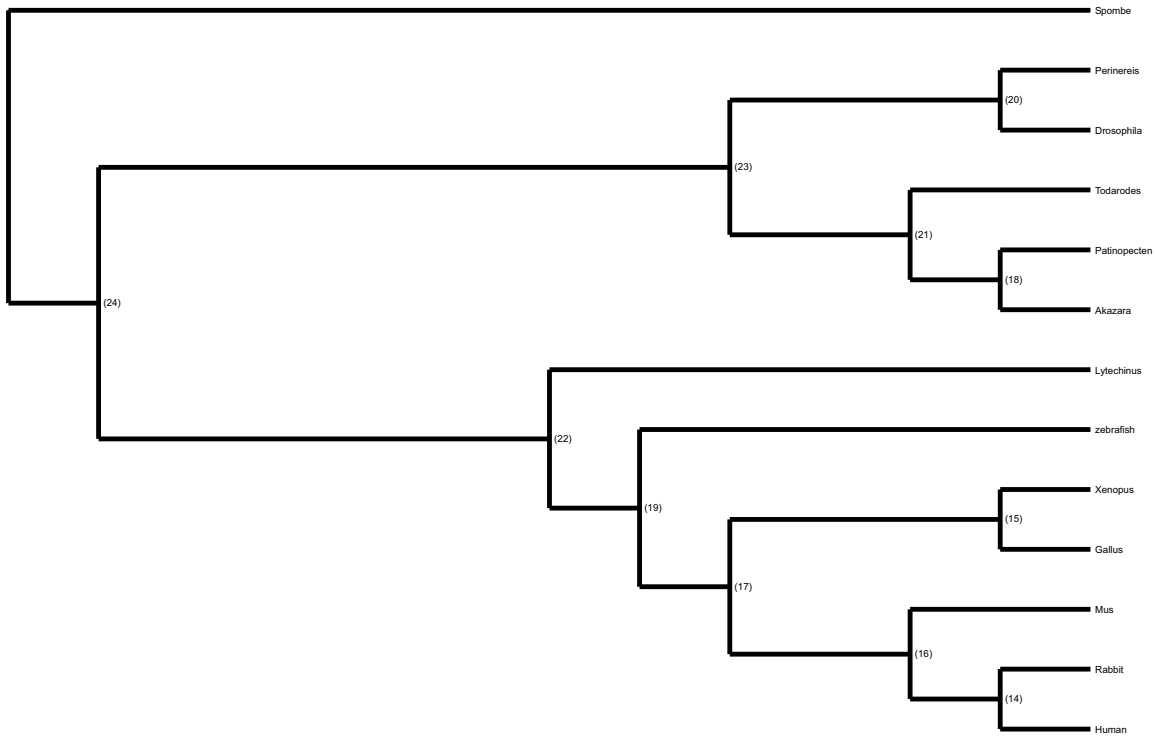
	CLOCK		EXP		OUP	
	relative	absolute	relative	absolute	relative	absolute
t[13]	0.0373	82.782	0.2227	138.7	0.0965	75.16
t[14]	0.139	308.6	0.4834	301.08	0.3667	285.67
t[15]	0.1227	272.37	0.5137	319.97	0.3225	251.28
t[16]	0.1832	406.91	0.6429	400.44	0.4811	374.83
t[17]	0.1927	428	0.6871	428	0.5494	428
t[18]	0.3138	696.78	0.8658	539.29	0.6326	492.88
t[19]	0.3194	709.26	0.9312	580.02	0.6674	519.96
t[20]	0.3311	735.19	0.9387	584.69	0.6931	539.95
t[21]	0.3348	743.56	0.9639	600.43	0.7504	584.6
t[22]	0.4156	922.79	0.9815	611.4	0.8277	644.83
t[23]	1	2220.6	1	622.9	1	779.07

Pkc



	CLOCK		EXP		OUP	
	relative	absolute	relative	absolute	relative	absolute
t[12]	0.0479	24.981	0.0387	25.182	0.0382	23.185
t[13]	0.2588	134.91	0.1229	79.851	0.2961	179.54
t[14]	0.8101	422.35	0.5925	385.04	0.5448	330.35
t[15]	0.8176	426.29	0.6517	423.55	0.6819	413.47
t[16]	0.8209	428	0.6586	428	0.7059	428
t[17]	0.3719	193.89	0.3697	240.29	0.4417	267.81
t[18]	0.9877	514.95	0.979	636.27	0.8791	533.04
t[19]	0.4472	233.16	0.5415	351.94	0.6426	389.65
t[20]	0.9962	519.39	0.9913	644.23	0.9155	555.14
t[21]	1	521.36	1	649.9	1	606.35

troponin c



	CLOCK		EXP		OUP	
	relative	absolute	relative	absolute	relative	absolute
t[14]	0.3523	297.75	0.3623	312.58	0.429	289.9
t[15]	0.1636	138.24	0.1437	124	0.319	215.62
t[16]	0.3618	305.79	0.3833	330.67	0.4941	333.95
t[17]	0.4789	404.7	0.4703	405.76	0.5858	395.92
t[18]	0.0815	68.883	0.0606	52.252	0.1162	78.499
t[19]	0.5064	428	0.4961	428	0.6333	428
t[20]	0.9294	785.48	0.9695	836.44	0.6565	443.69
t[21]	0.4888	413.13	0.236	203.63	0.4326	292.33
t[22]	0.6431	543.47	0.5369	463.18	0.6729	454.73
t[23]	0.9587	810.27	0.9858	850.5	0.8707	588.43
t[24]	0.9883	835.24	0.9948	858.27	0.9444	638.23
t[25]	1	845.14	1	862.75	1	675.82