

Table 1: Approximately Unbiased tests of selected alternative phylogenetic hypotheses of relationships within Euarchontoglires

Topology	DNA		Protein	
	D Inl	Pvalue	D Inl	Pvalue
1) Bayesian (protein) tree	5.7	0.579	BEST	0.771
2) Bayesian (DNA12) tree: (Glires,(<i>Anomalurus</i> /Primates/Dermoptera))	BEST	0.726	16.3	0.255
3) (Hystricognathi,((Dipodidae,Muridae),(<i>Anomalurus</i> , (<i>Sciurus</i> , <i>Glis</i>))))	19.9	0.003*	21.2	0.007*
4) (Hystricognathi,((<i>Sciurus</i> , <i>Glis</i>),(<i>Anomalurus</i> , (Dipodidae,Muridae))))	17.0	0.084	9.5	0.106
5) (Hystricognathi,(<i>Sciurus</i> , <i>Glis</i>),(<i>Anomalurus</i> , (Dipodidae,Muridae))))	15.4	0.169	1.4	0.623
6) <i>Anomalurus</i> basal in Rodentia	6.6	0.344	13.2	0.080
7) <i>Anomalurus</i> basal in Glires	8.7	0.120	20.4	0.048*
8) ((<i>Sciurus</i> , <i>Glis</i>),((Hystricognathi, <i>Anomalurus</i>), (Dipodidae,Muridae)))	17.5	0.051	6.1	0.284
9) ((<i>Sciurus</i> , <i>Glis</i>), (Hystricognathi,(<i>Anomalurus</i> , (Dipodidae,Muridae))))	17.6	0.104	7.0	0.294
10) (Lagomorpha,(Rodentia,Primates))	3.8	0.533	5.0	0.402