**Phylogenetic framework for RBC parameter estimation**

BEGIN TAXA;

 TITLE Untitled\_Block\_of\_Taxa;

 DIMENSIONS NTAX=27;

 TAXLABELS

 Xenopus Lithobates Alligator Anas Lepus\_californicus Oryctolagus\_cuniculus Rattus Sciurus Columba\_livia Varanus\_komodoensis Varanus\_exanthematicus Trachemys\_scripta Neovison\_vison Didelphis\_virginiana Neusticosaurus\_edwardsii Anarosaurus\_heterodontus Nothosaurus Pistosaurus\_longaevus Rhaeticosaurus\_mertensi Plesiosaurus\_dolichodeirus Pliosaurus Elasmosauridae Polycotylus\_latipinnus Cryptoclidus\_eurymerus Cymatosaurus Neusticosaurus\_pusillus Neusticosaurus\_peyeri

 ;

END;

BEGIN TREES;

TRANSLATE

 1 Xenopus,

 2 Lithobates,

 3 Alligator,

 4 Anas,

 5 Lepus\_californicus,

 6 Oryctolagus\_cuniculus,

 7 Rattus,

 8 Sciurus,

 9 Columba\_livia,

 10 Varanus\_komodoensis,

 11 Varanus\_exanthematicus,

 12 Trachemys\_scripta,

 13 Neovison\_vison,

 14 Didelphis\_virginiana,

 15 Neusticosaurus\_edwardsii,

 16 Anarosaurus\_heterodontus,

 17 Nothosaurus,

 18 Pistosaurus\_longaevus,

 19 Rhaeticosaurus\_mertensi,

 20 Plesiosaurus\_dolichodeirus,

 21 Pliosaurus,

 22 Elasmosauridae,

 23 Polycotylus,

 24 Cryptoclidus,

 25 Cymatosaurus,

 26 Neusticosaurus\_peyeri,

 27 Neusticosaurus\_pusillus;

 TREE 'Edited, based on Edited, based on Default Symmetrical Tree++' = (((((3:249.1,(9:122.0,4:122.0):127.1):4.9,12:254):31,((10:17.8,11:17.8):235.2,((16:1,(27:1,(15:3,26:1):2):6):1,(17:1,(25:2,(18:1,((19:2,21:37):5,(20:4,(22:52,(23:89,24:6):11):17):8):39):1):1):1):6):32):37.4,(14:163.7,(13:96.2,((5:15.0,6:15.0):71.1,(7:74.3,8:74.3):11.8):10.1):67.5):158.7):36.7,(1:198.6,2:198.6):160.5):1.0;

END;