**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;