

**Table S12:** Results of the UniqueTree analysis when examining the 50 ML trees of dataset sm-nt123. The tree ID names of the respective ML trees (tree ID) inferred with IQtree and calculated log-likelihood (logL) scores are given in descending order. Numbers in brackets indicate how often a given topology was identified. The AU test returns *p*-values, thus a tree is rejected with a *p*-value < 0.05 (labeled in red). The best ML tree has a logL score of -10428919.288 (bold) but does not represent the most frequent topology.

[illegible]