

1a) A list of **taxon names** provided by the user.

A, B₁, C, D, E, F_x

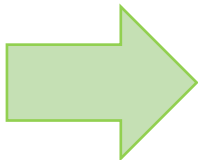
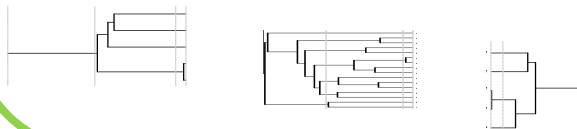


1b) Processing taxon names with **TNRS** and **standardizing** them to a taxonomy.

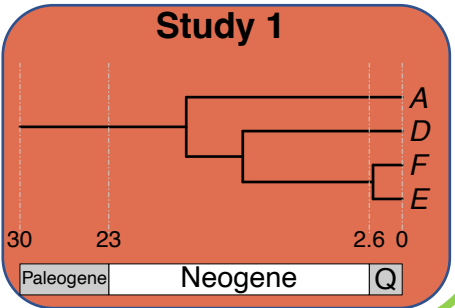
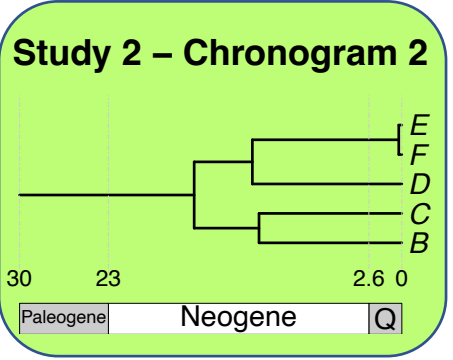
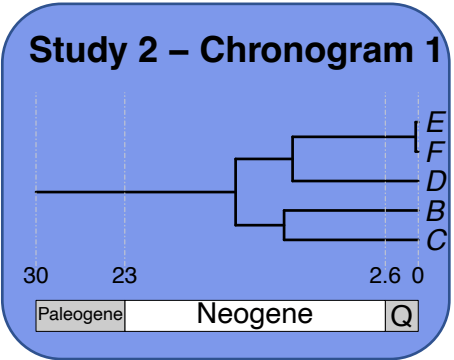
A B C D E F



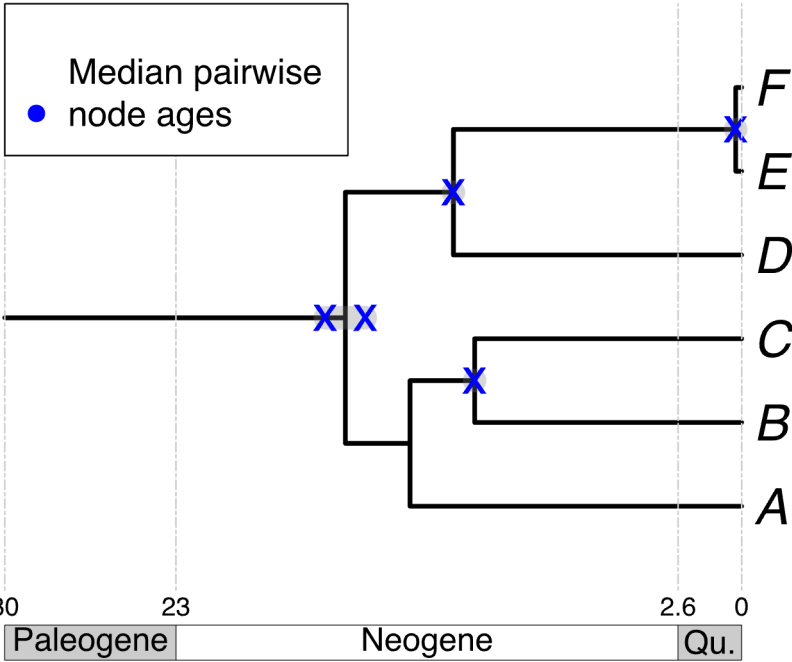
2a) Match **processed taxon names** to chronogram database and identify (*).



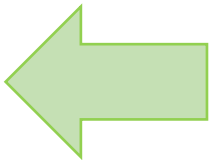
2b) Prune matching chronograms (**source chronograms**).



Median Summary Chronogram



3c) Use ages of congruent nodes to **date a tree topology**



3b) **Congruify** source chronogram nodes to nodes of tree topology

3a) Choose **tree topology**

