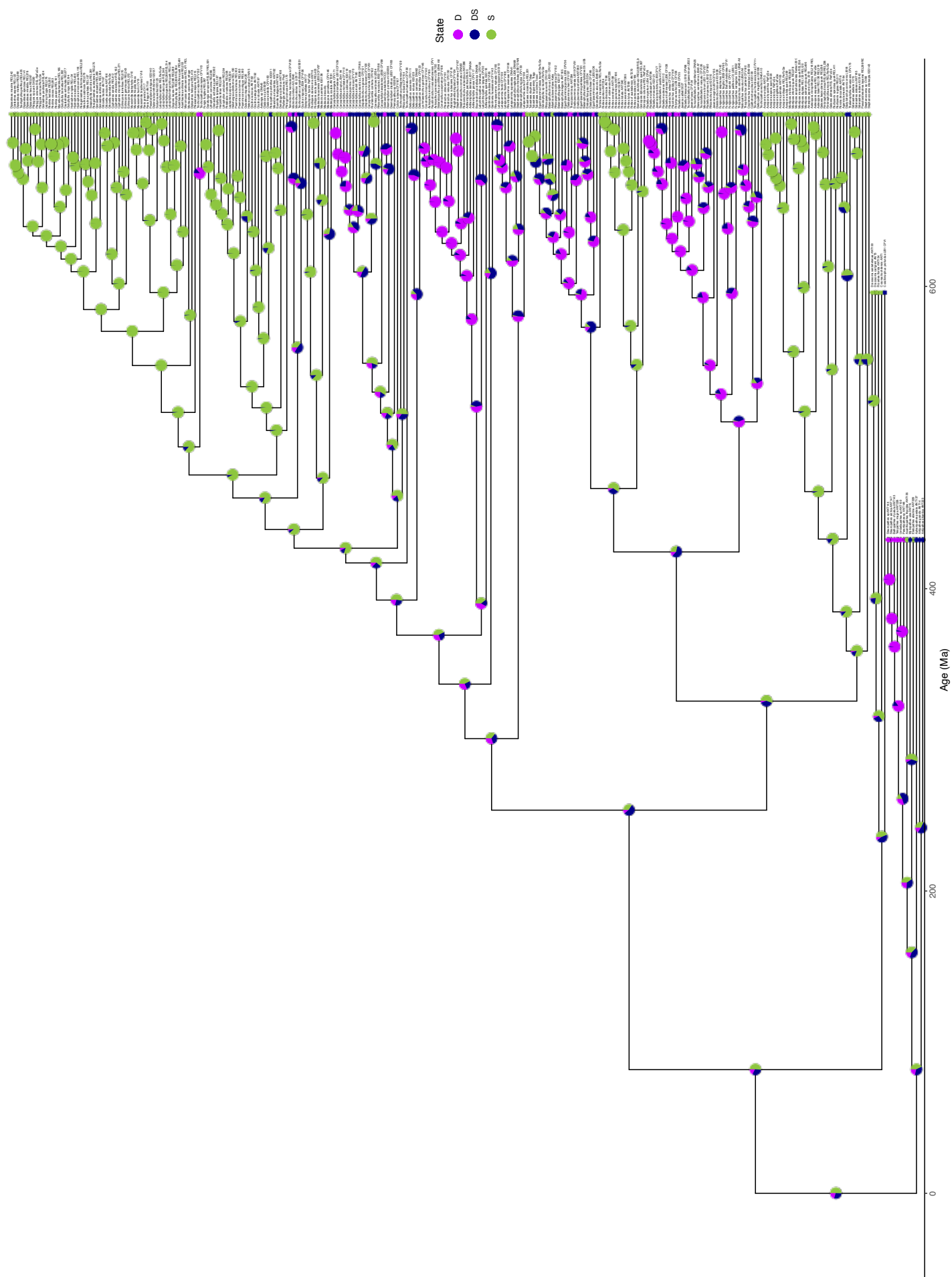
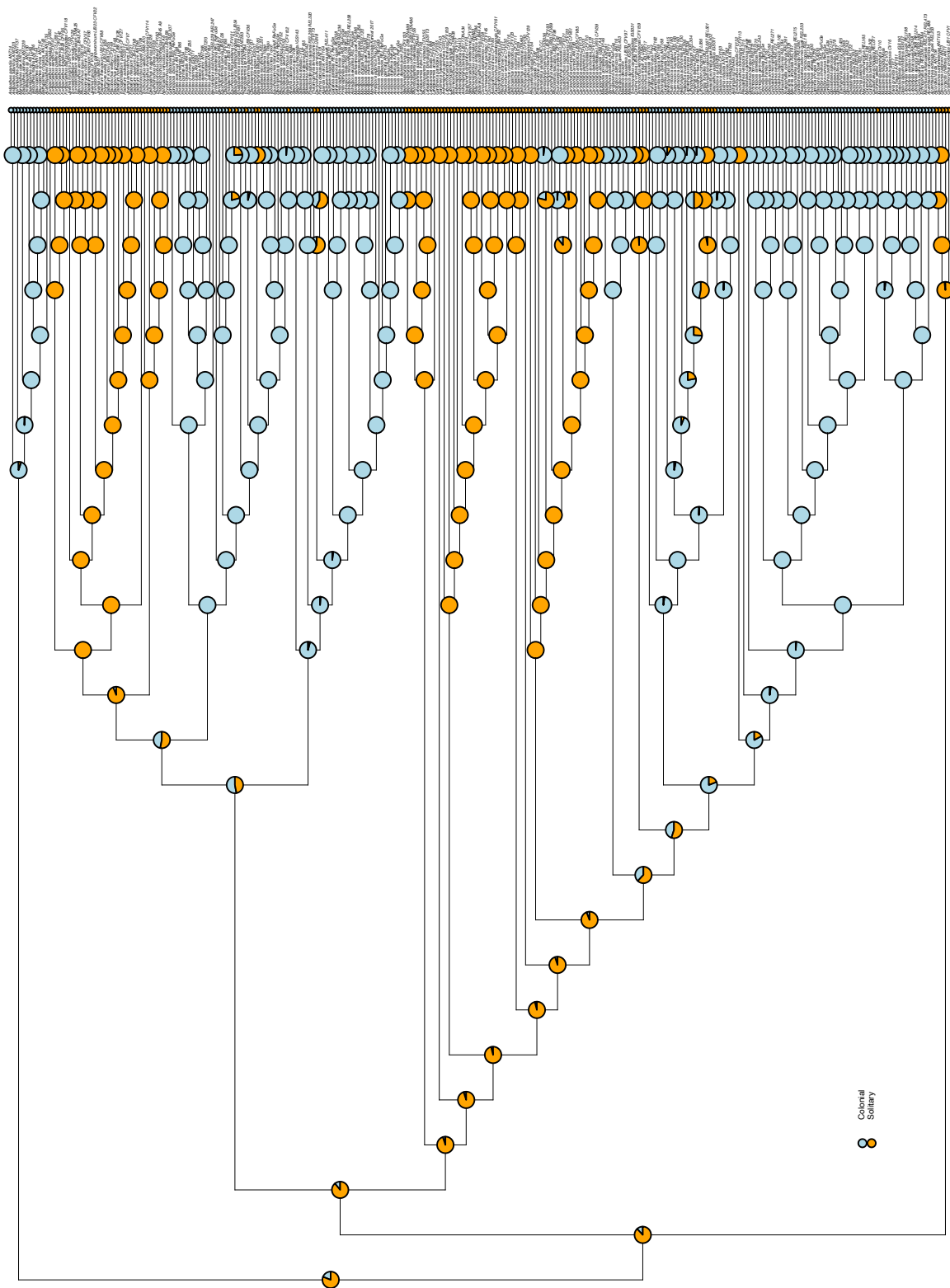


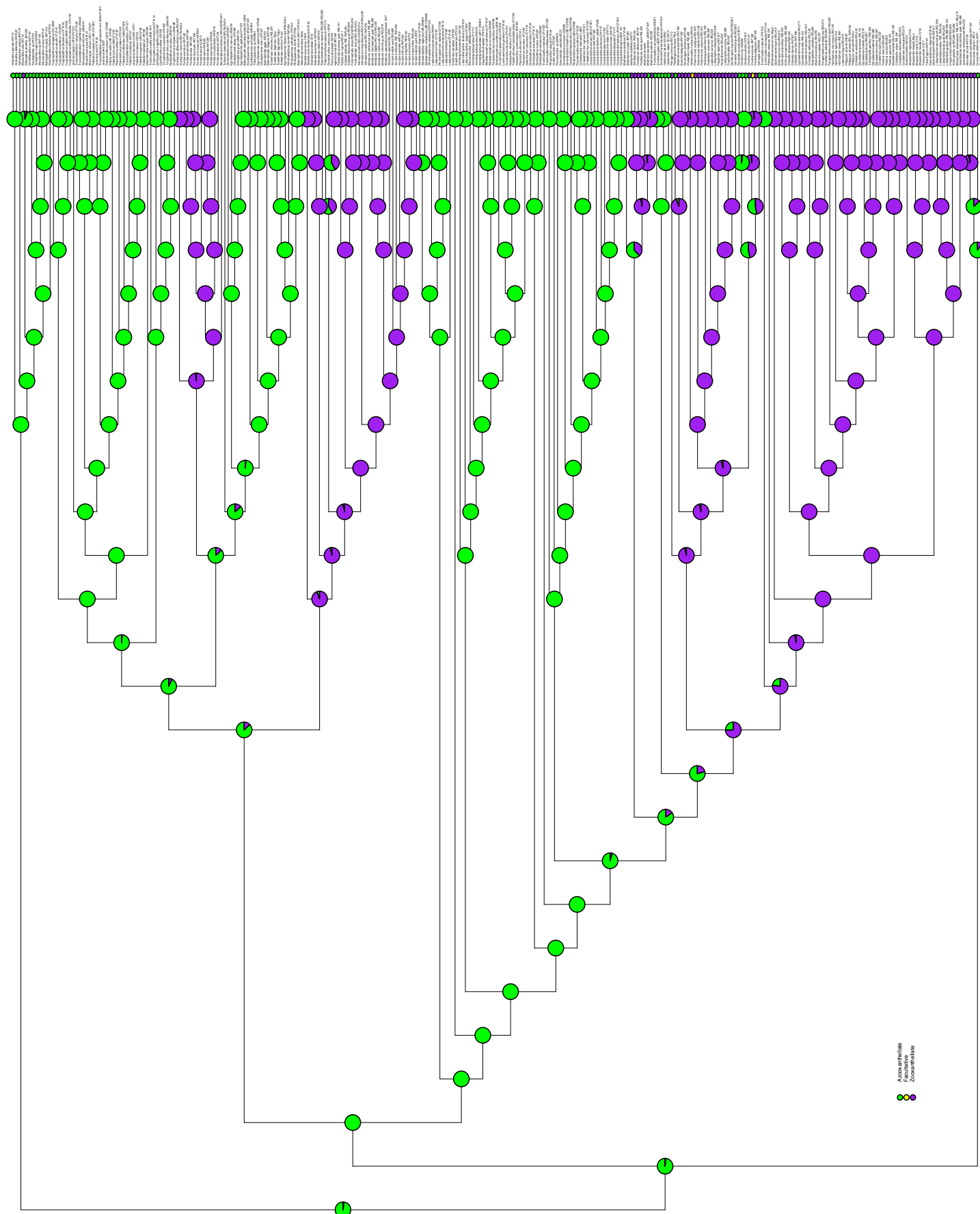




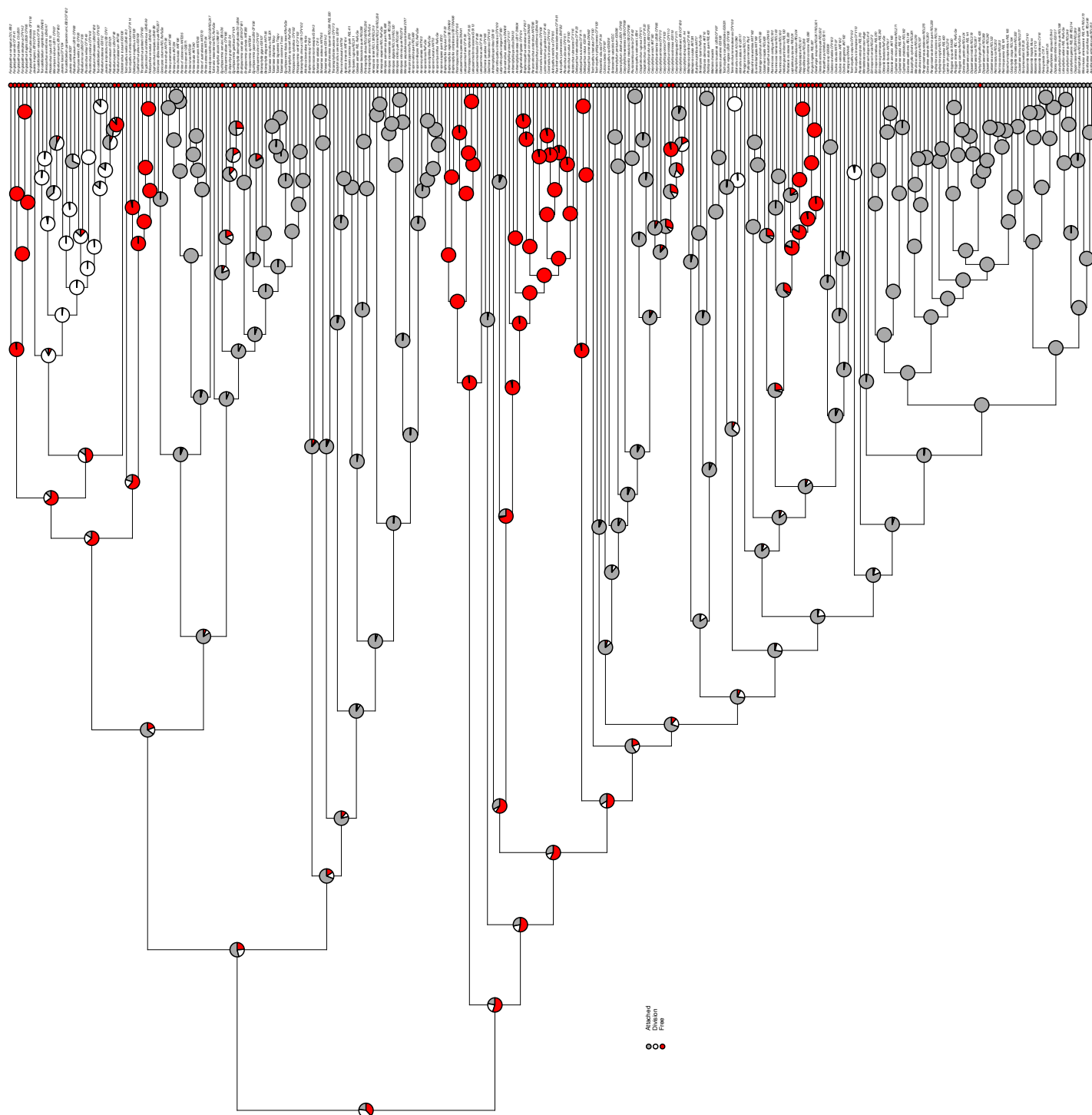
Supplementary Fig. 3 | Ancestral range reconstruction resulted tree for depth range: D=deep; S=shallow; DS=both deep and shallow.



Supplementary Fig. 4 | Ancestral state reconstruction resulted tree for coloniality/solitary forms. The ER model was used for this analysis.



Supplementary Fig. 5 | Ancestral state reconstruction resulted tree for azooxanthellate/zooxanthellate/facultative forms. The SYM model was used for this analysis.



Supplementary Fig. 6 | Ancestral state reconstruction resulted tree for “lifestyle”: attached / free-living / transverse division. The ARD model was used for this analysis.