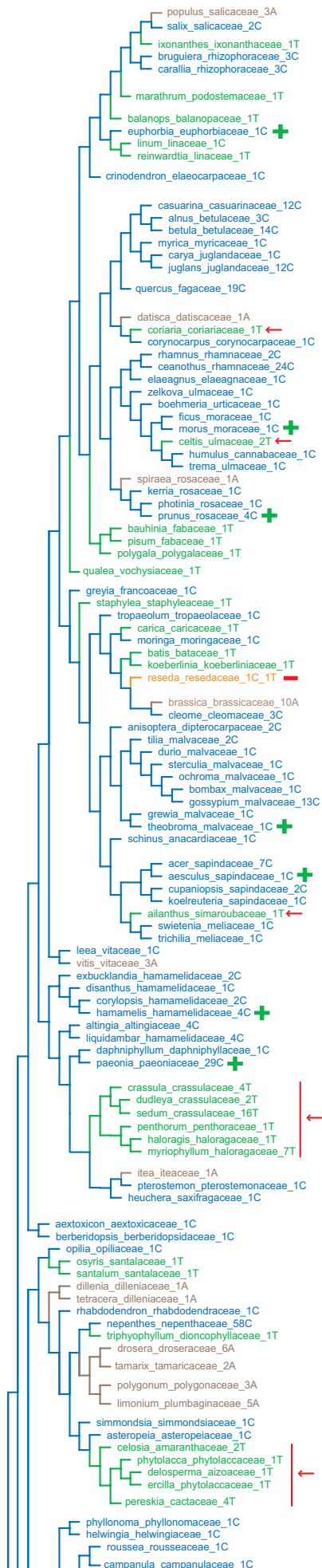
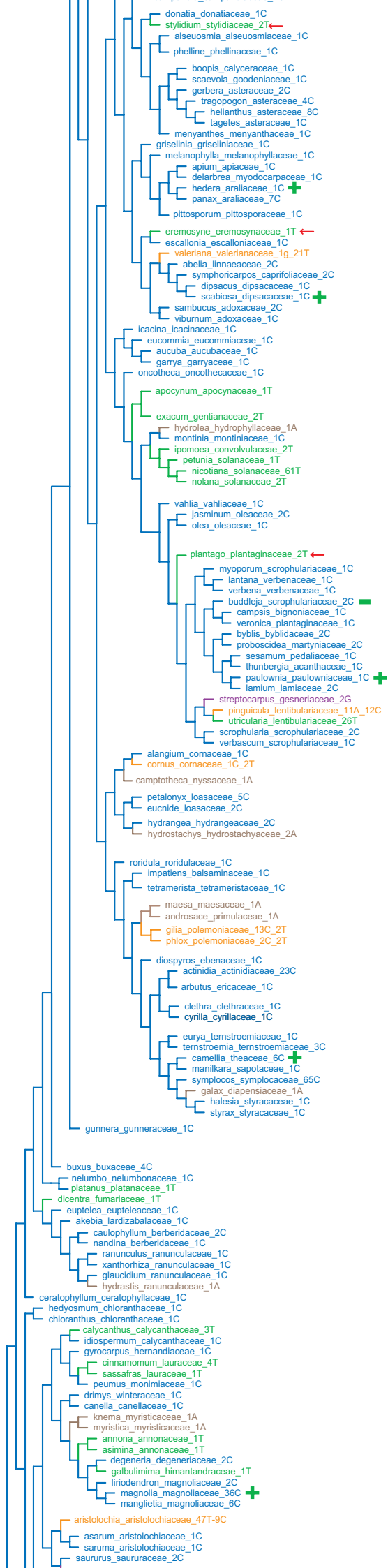
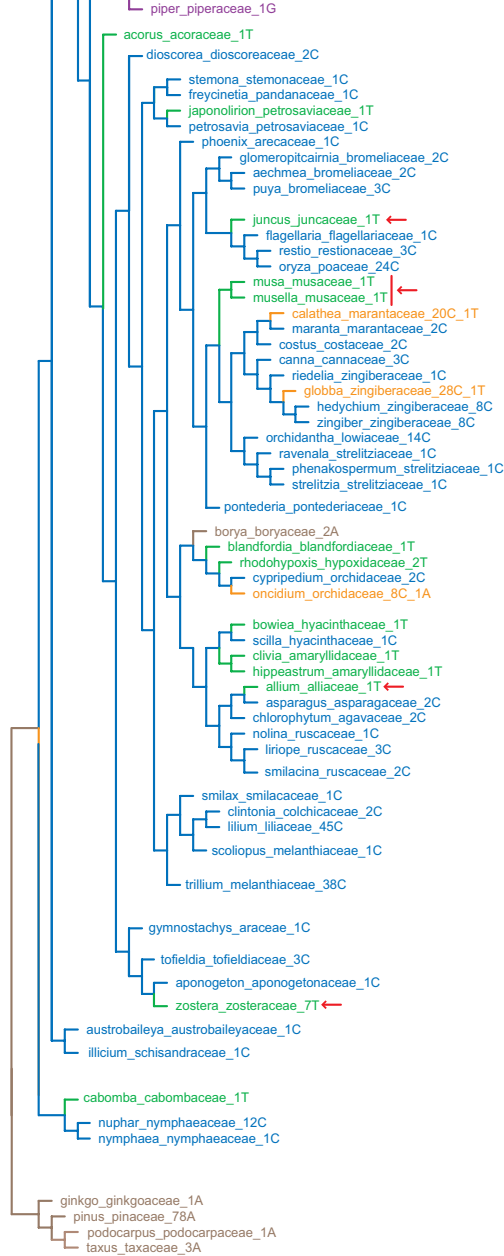








Evolution of *matK*-3 editing sites in angiosperms

Nucleotides found at the *matK*-3 editing site in angiosperms were mapped on a phylogenetic tree (Soltis et al. 2000). Four gymnosperms were used as an outgroup. Genus and family names are followed by a number indicating the number of species carrying a C or a T at the editing site (blue = purely C-containing lineages; T = purely T-containing lineages; brown = purely A-containing lineages; lilac = purely G-containing lineages; orange = mixed lineages). Several species were tested experimentally for processing of *matK*-3. (+/- = selected species of this genus does/does not edit site; red arrows = lineages that have independently lost the C at *matK*-3.)