Figure S4A PhyML phylogenetic relations and composition of domains for R3-MYB homologues of representative plant species.

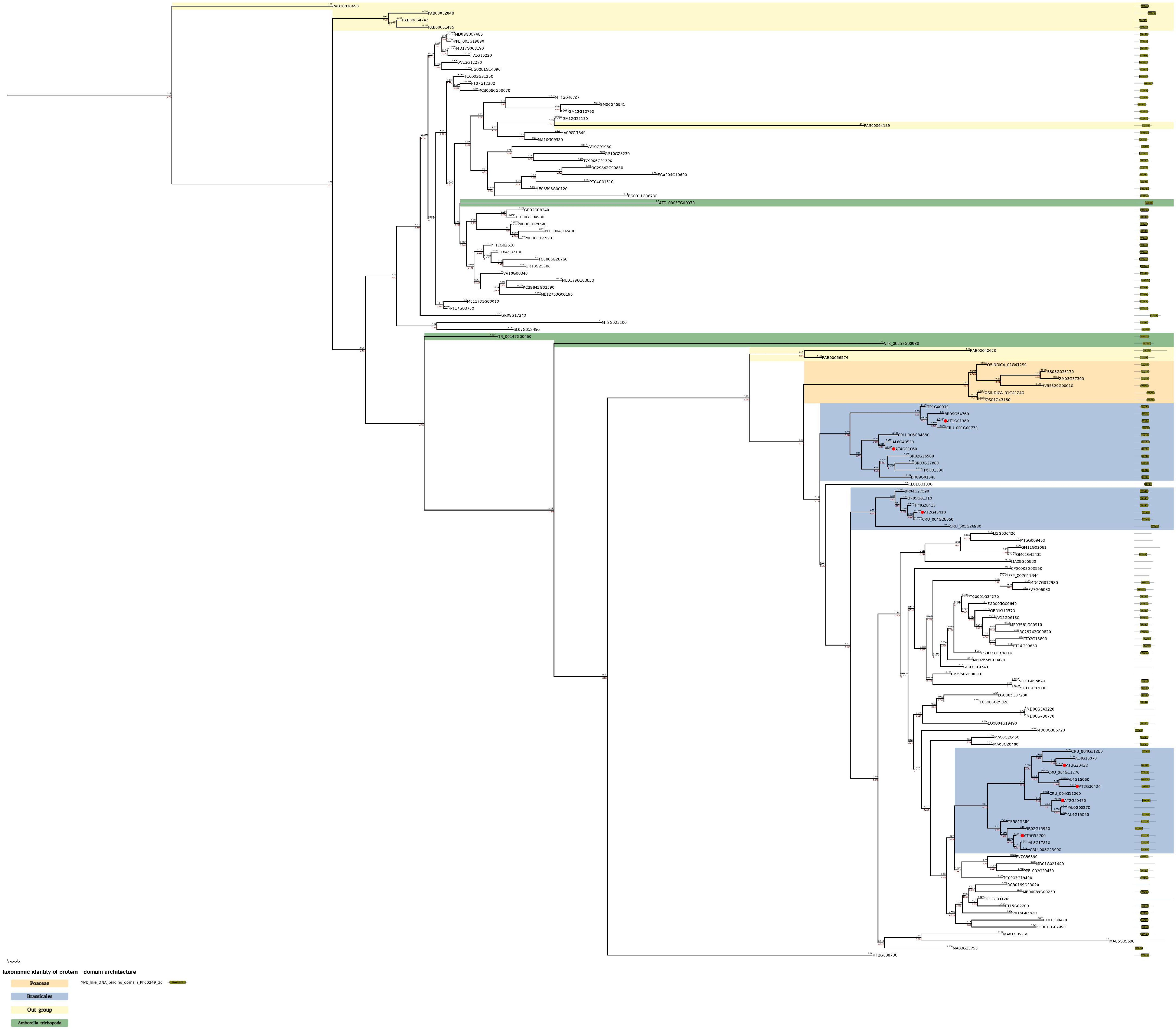

Figure S4B Evolutionary changes in protein structure of the R3-MYB homologous proteins being studied branch reflects from right to left: disorder (2 residue types), secondary structure (3 types), secondary structure (8 types), globule surface (3 residue types), rare (comparing with protein specific model) amino acid substitutions
Color scheme:
black- outer branch (not analyzed);
colours define branch lengths quartile: blue – Q1; green – Q2; orange –Q3; red –Q4.