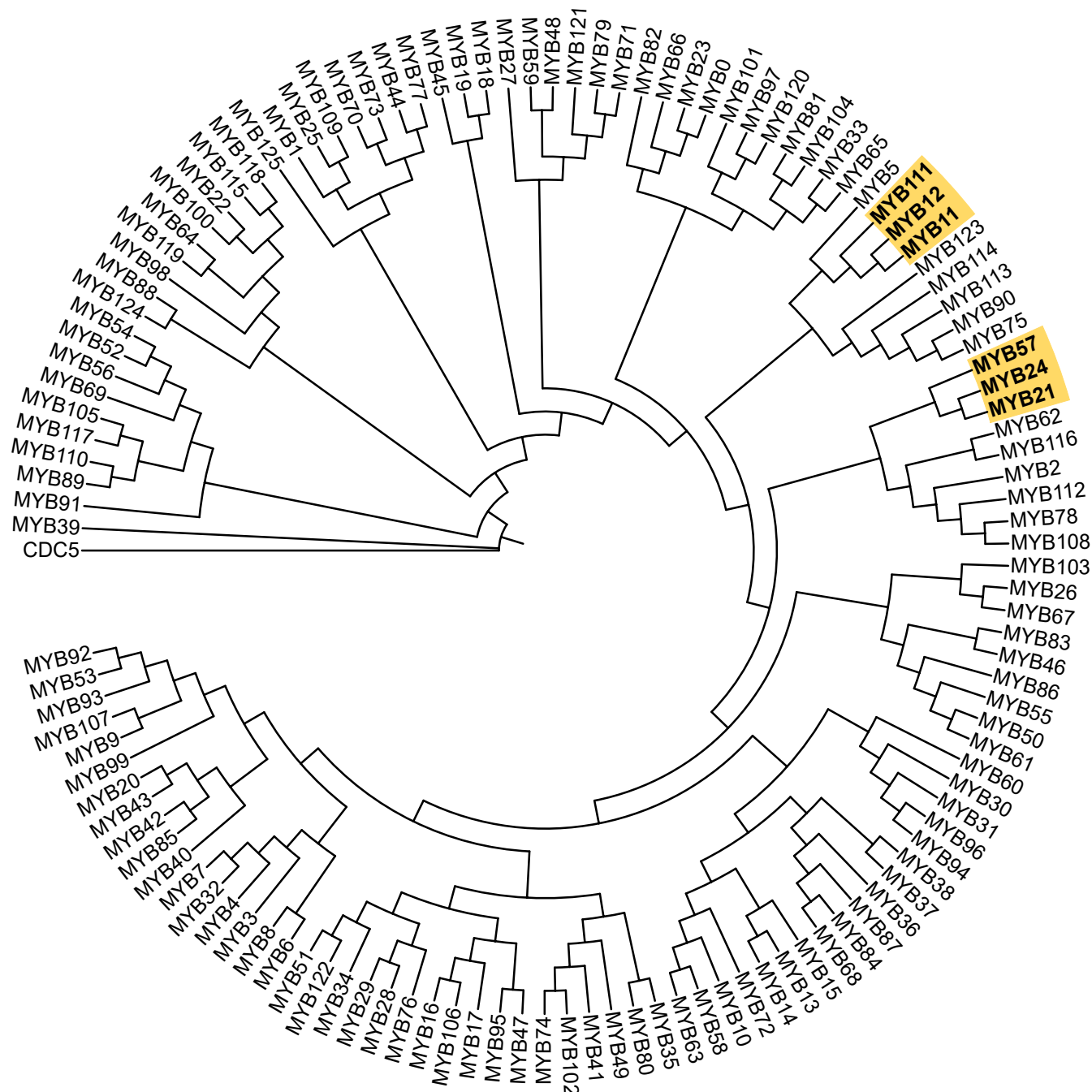




Additional file 3: Schematic overview of the R2R3-MYB phylogeny of *Arabidopsis thaliana*. The subgroup 7 MYBs (MYB11, MYB12, MYB111) and subgroup 19 MYBs (MYB21, MYB24, MYB57) are shown in bold highlighted in yellow. The full amino acid sequences were aligned with ClustalW. MEGA version 11.0.11 was used to perform neighbor-joining tree analysis with 1,000 bootstraps.