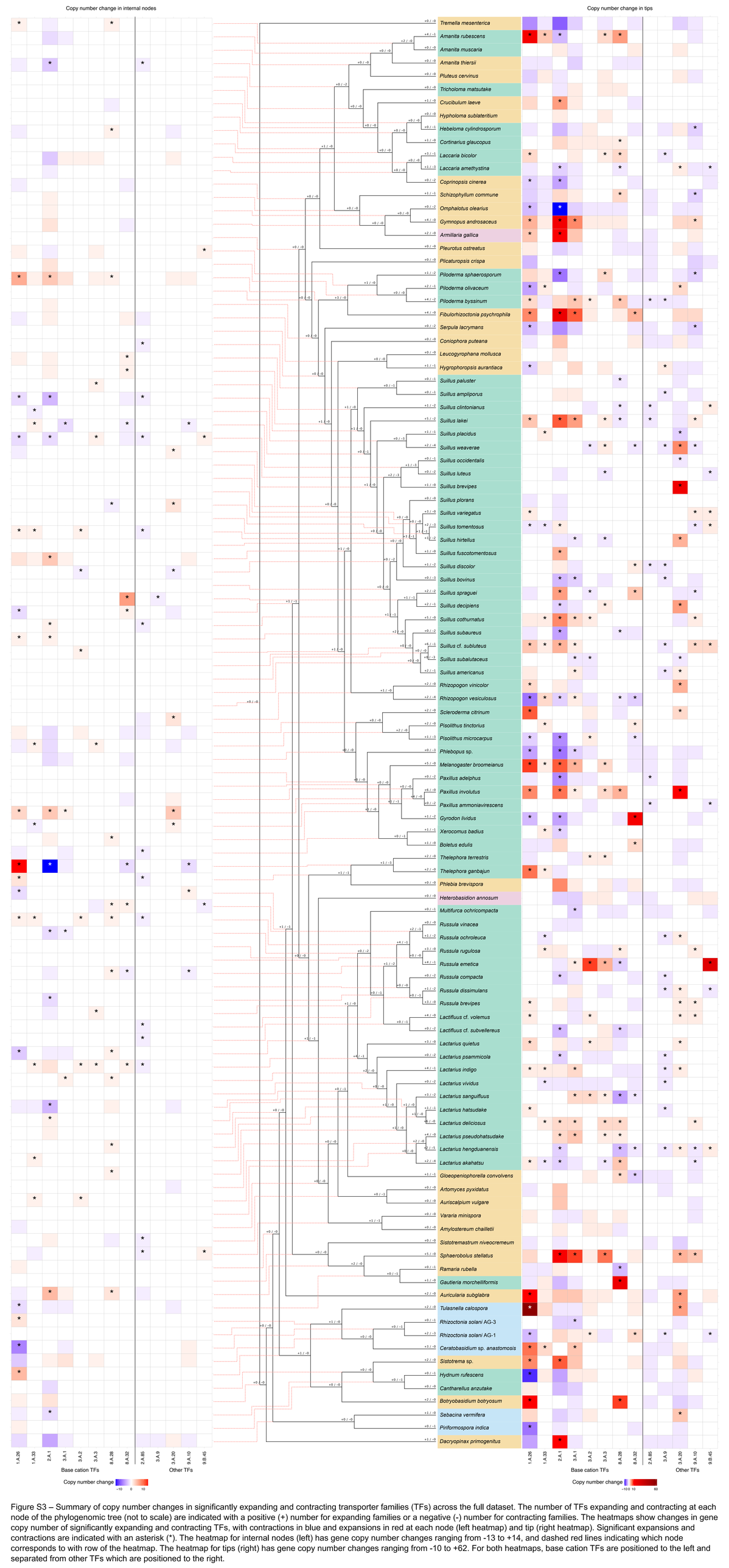

Figure S3 – Summary of copy number changes in significantly expanding and contracting transporter families (TFs) across the full dataset. The number of TFs expanding and contracting at each node of the phylogenomic tree (not to scale) are indicated with a positive (+) number for expanding families or a negative (-) number for contracting families. The heatmaps show changes in gene copy number of significantly expanding and contracting TFs, with contractions in blue and expansions in red at each node (left heatmap) and tip (right heatmap). Significant expansions and contractions are indicated with an asterisk (*). The heatmap for internal nodes (left) has gene copy number changes ranging from -13 to +14, and dashed red lines indicating which node corresponds to with row of the heatmap. The heatmap for tips (right) has gene copy number changes ranging from -10 to +62. For both heatmaps, base cation TFs are positioned to the left and separated from other TFs which are positioned to the right.