



Supplementary Figure 8. The phylogenetic tree, conserved motifs, and gene structure of MDH in ice plant and other species. On the left-hand side of the dendrogram, schematic depictions elucidate the conserved motifs present within MDH proteins, as discerned through the utilization of MEME. These representations employ a diverse palette of colors, each corresponding to a distinct motif identified within the MDH protein sequences. On the right side of the dendrogram, schematic illustration delineates the gene architecture characteristic of MDH proteins, rendered through TBtools. The green hues demarcate CDS and the yellow demarcate UTR.