



Supplementary Figure 10. The phylogenetic tree, conserved motifs, and gene structure of PPDK and PEPCK in ice plant and other species. (a) On the left-hand side of the dendrogram, schematic depictions elucidate the conserved motifs present within PPDK 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 PPDK protein sequences. On the right side of the dendrogram, schematic illustration delineates the gene architecture characteristic of PPDK proteins, rendered through TBtools. The green hues demarcate CDS and the yellow demarcate UTR. **(b)** Phylogenetic tree, conserved motifs, and gene structure of PEPCK in ice plant and other species.