



**Figure 5.** Differentially expressed genes (DEGs) in *flc+* mutants under control, salinity, heat, and the combination of salinity+heat. (A) Venn diagrams illustrating the overlap between DEGs in each stress treatment. DEGs were extracted through normalization against Wt control ( $p < 0.05$ ;  $FC > 2$ ). (B) KEGG pathway enrichment analysis of specific DEGs obtained under control, salinity, heat, and salinity+heat treatments in *flc+* plants. Green circles represent downregulated pathways, while red circles represent upregulated pathways. The size of the circles corresponds to the number of genes associated with each pathway, and the intensity of the color reflects the significance level of the pathway ( $P < 0.05$ ).