



Figure 6. Differential accumulated metabolites (DAMs) and biosynthetic pathway analysis in *flc+* mutants under control, salinity, heat, and the combination of salinity+heat. DAMs were extracted by normalization against Wt control ($p < 0.05$; $FC > 2$). (A) Venn diagrams illustrating the overlap between DAMs in each treatment. (B) Biosynthetic pathway analysis. (C) Secondary metabolites biosynthetic pathways analysis. (D) Hormone biosynthetic pathways analysis. (B, C, and D were analyzed using PlantCyc software). Abbreviations: AA: amino acids; Ncl: nucleotides; FA: fatty acids; Lip: lipids; Carbh: carbohydrates; Second: secondary metabolites; Co: cofactors; Horm: hormones; Cell str: cell structure; Reg: regulatory; N-cont: N-containing; Polyket: polyketides; S-cont: S-containing; Sug-der: sugar derivatives; Terp: terpenoids; Terphe: terpenophenolics; Pheprop: phenylpropanoids; AUX: auxins; CK: cytokinins; GB: gibberellins; ABA: abscisic acid; Jas: jasmonates; BR: brassinosteroids; SA: salicylic acid.