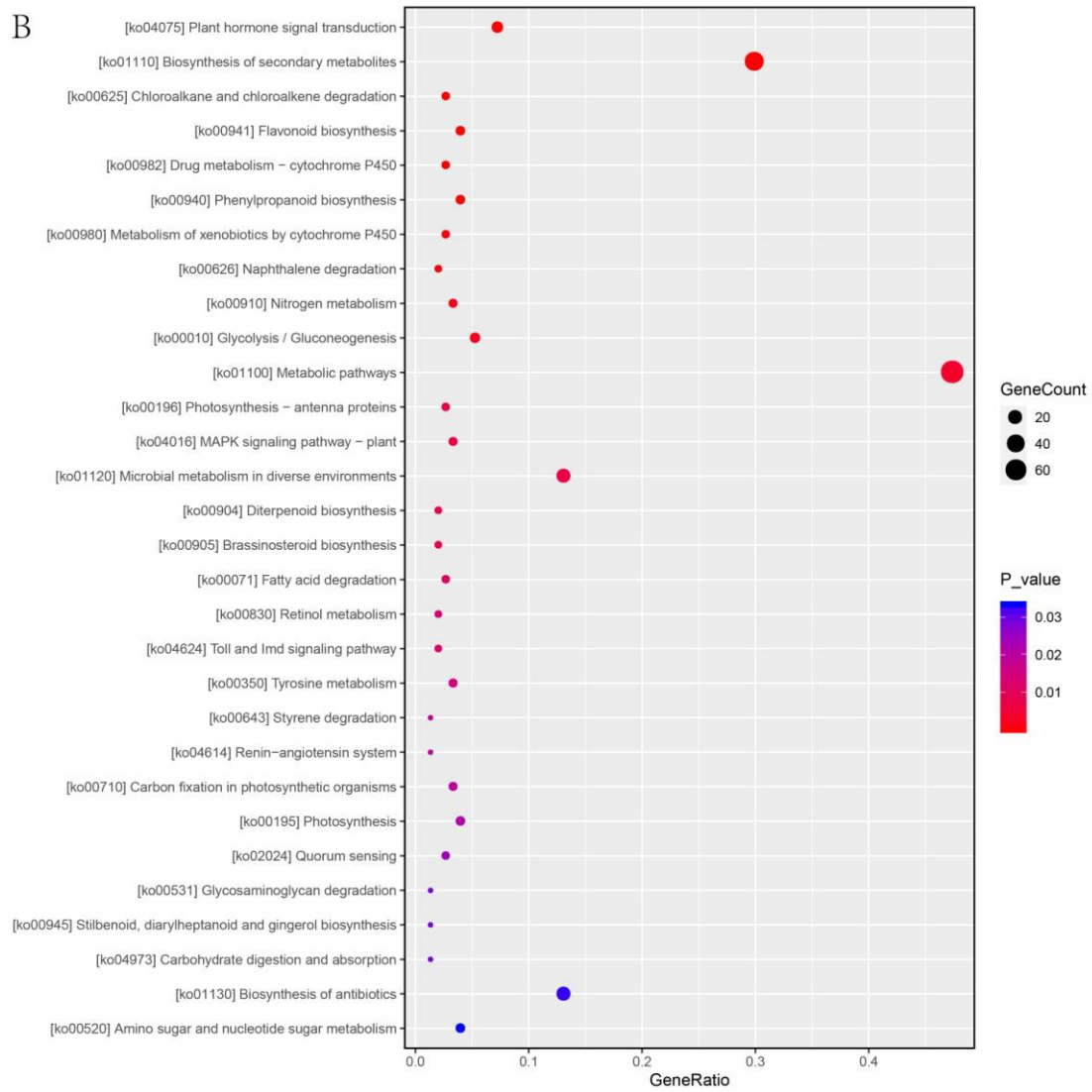
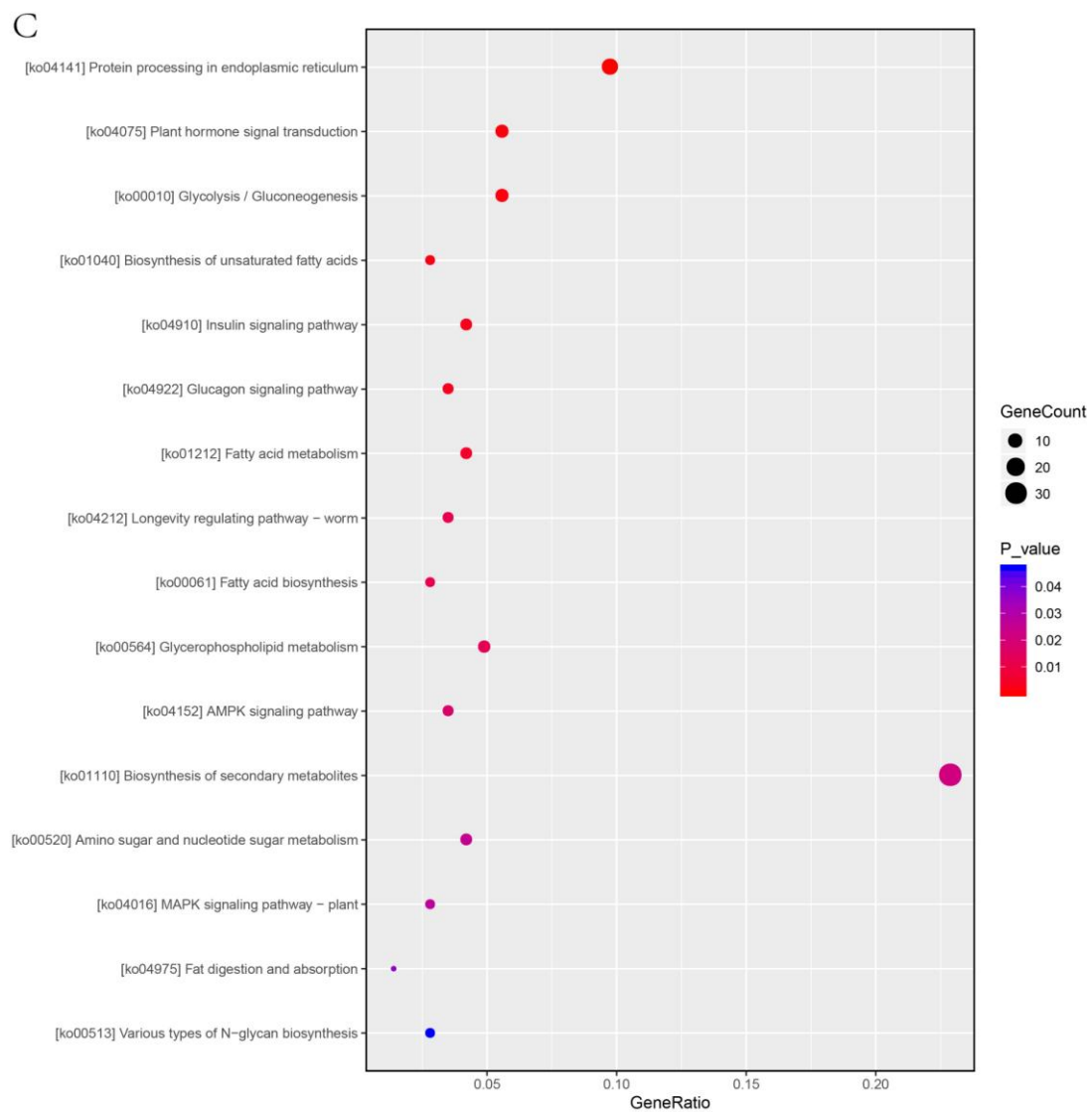


( A ) KEGG pathway enrichment analysis of the early upregulated genes

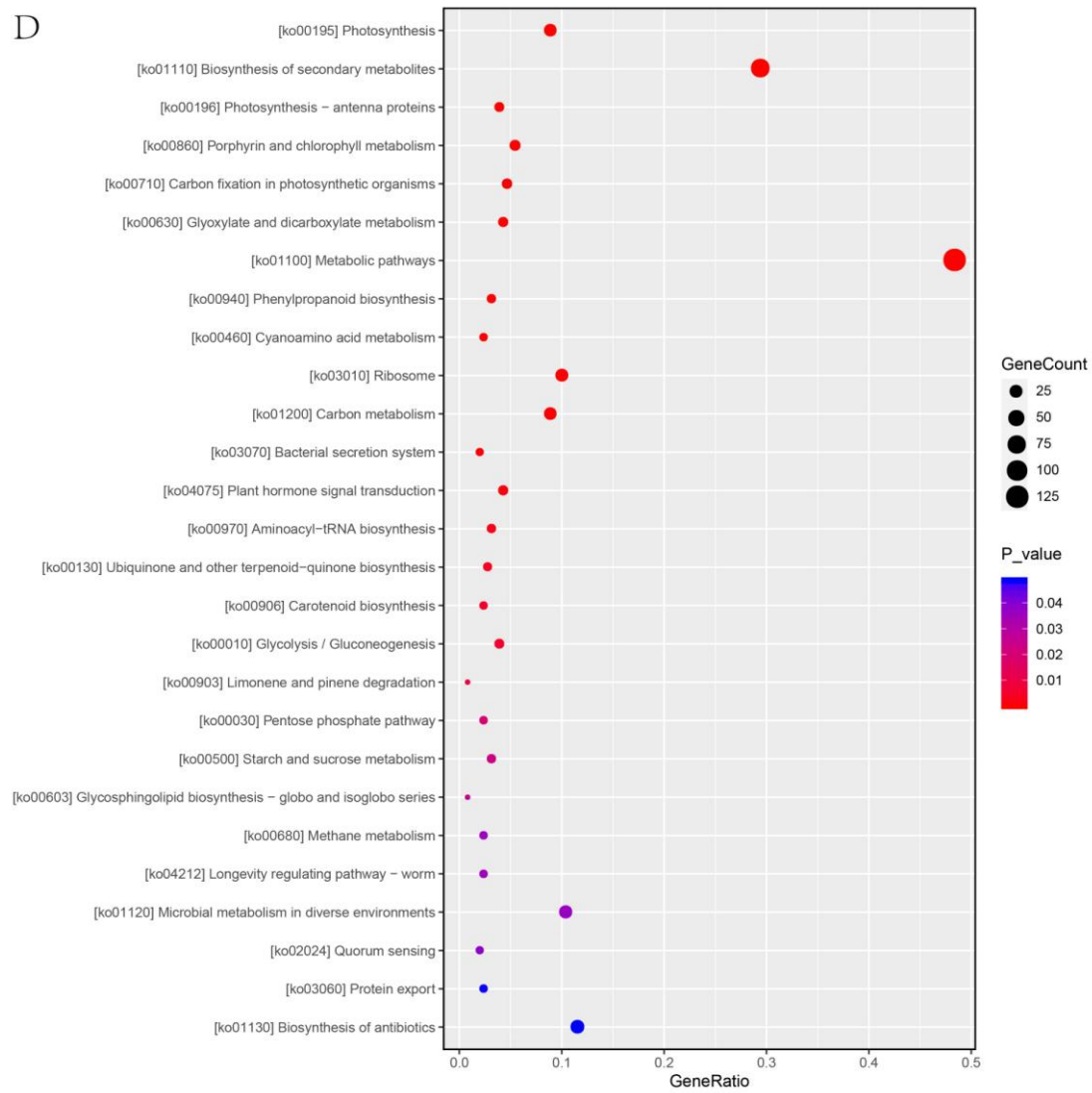


( B ) KEGG pathway enrichment analysis of the early downregulated genes

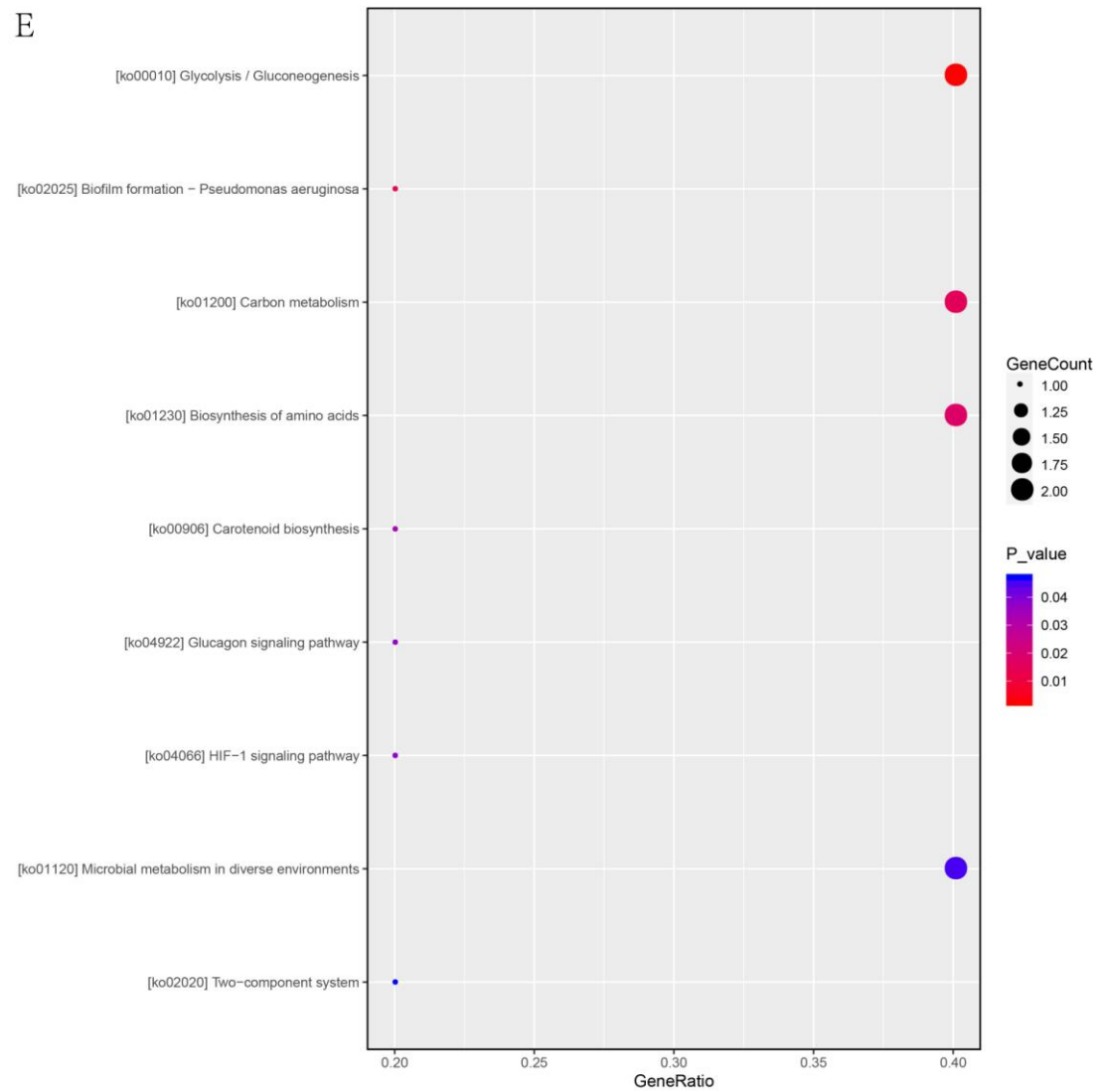


( C ) KEGG pathway enrichment analysis of the late upregulated genes

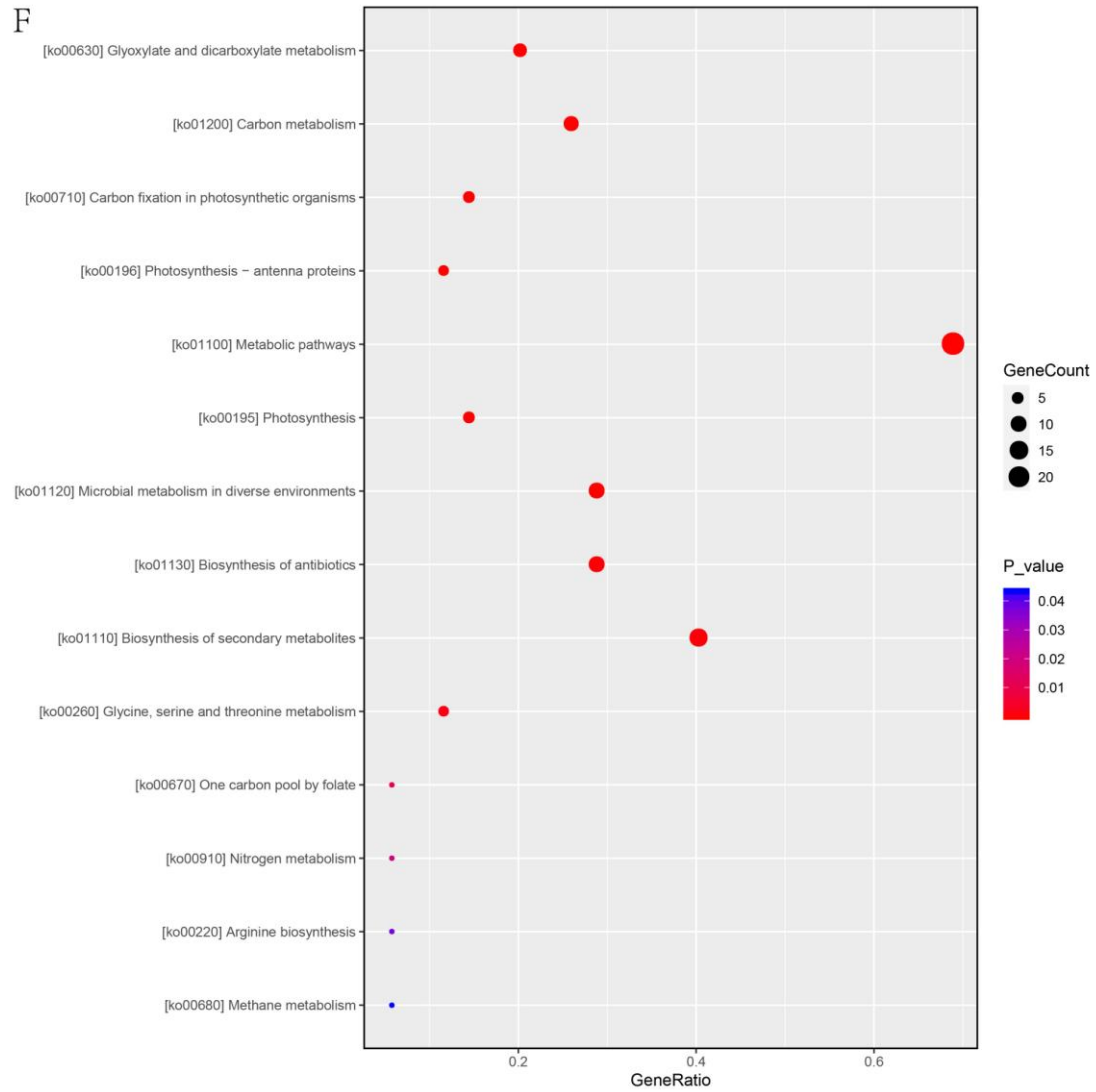
D



( D ) KEGG pathway enrichment analysis of the late downregulated genes



( E ) KEGG pathway enrichment analysis of the continuously upregulated genes



( F ) KEGG pathway enrichment analysis of the continuously downregulated genes

**Figure S4.** KEGG pathway enrichment analysis of different clusters DEGs.