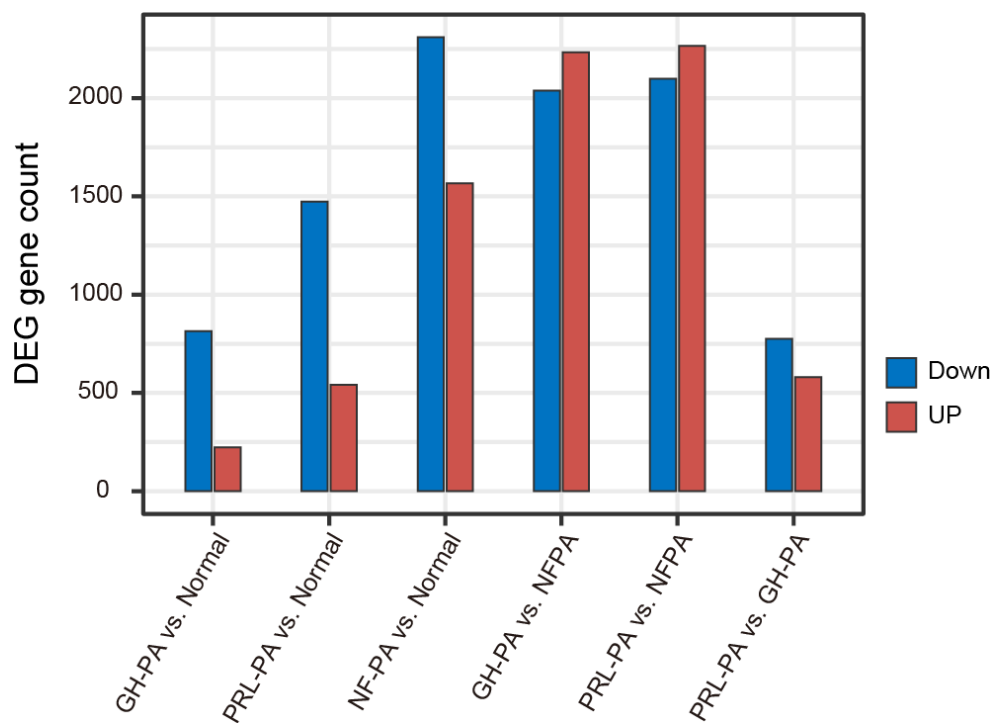
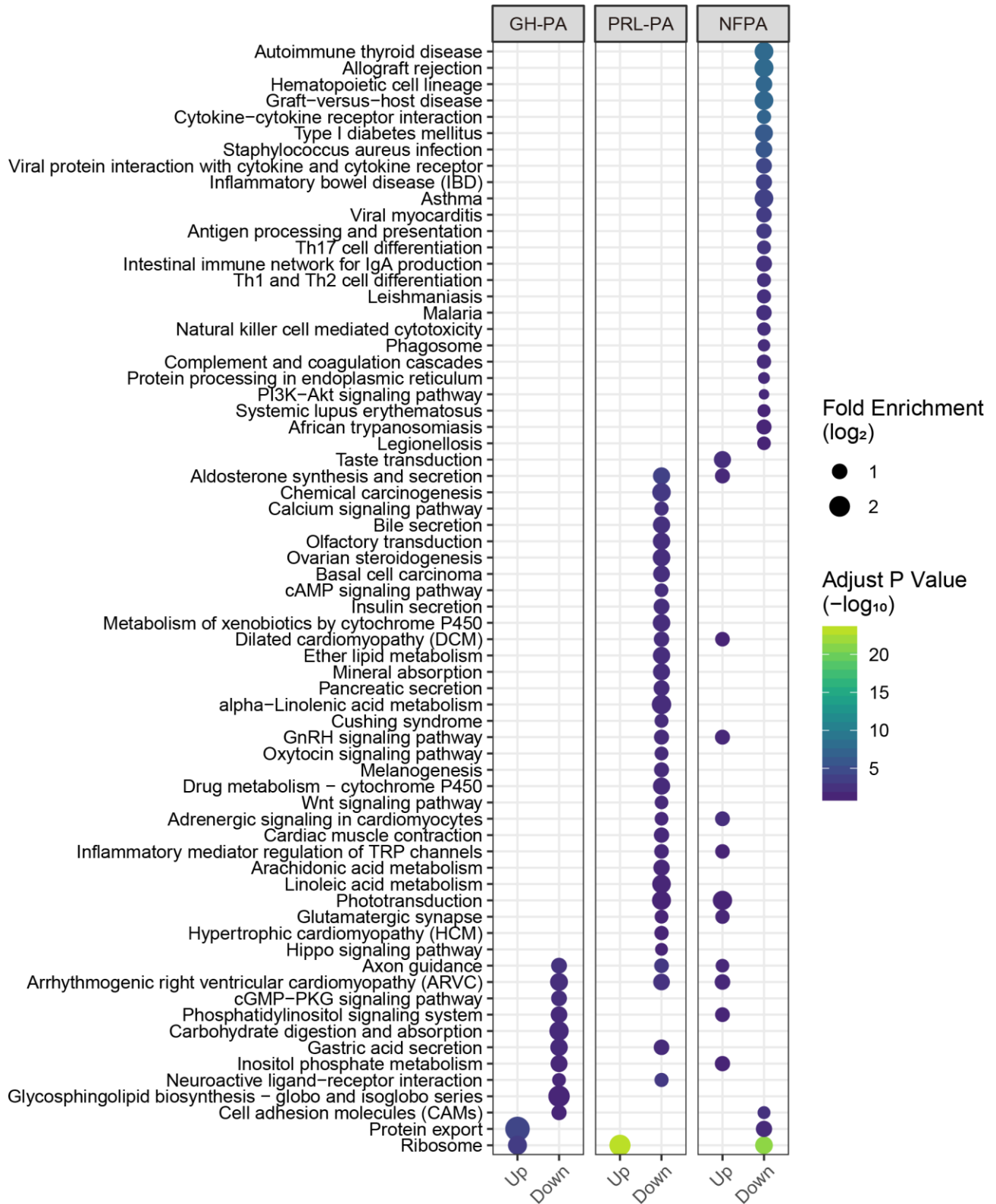


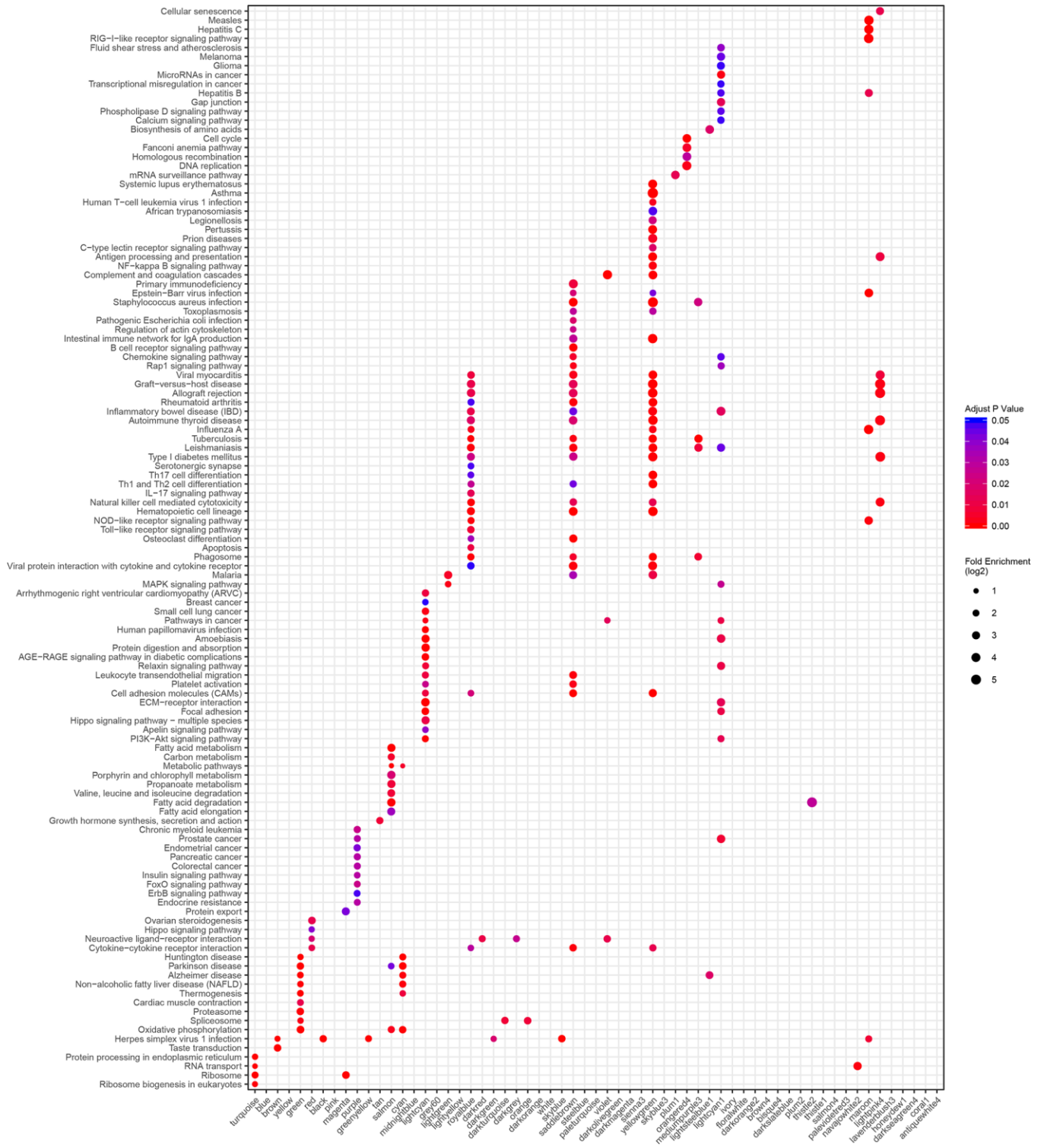
SUPPLEMENTARY FIGURES



Supplementary Figure 1. Comparison of the number of upregulated DEGs (Red) and downregulated DEGs (Blue) in 6 pairwise DEGs analysis. DESeq2, FDR < 0.05.



Supplementary Figure 2. KEGG pathway enrichment analysis of genes among three PA subtypes vs. Normal. Adjusted P value < 0.05.



Supplementary Figure 3. KEGG pathway enrichment analysis of genes in the modules significantly associated with different PA subtypes. Adjusted P value < 0.05.