

Figure S2 GO enrichment molecular function (MF) analysis of genes with TAD boundary of difference (**A**) and loop difference associated genes (**B**).

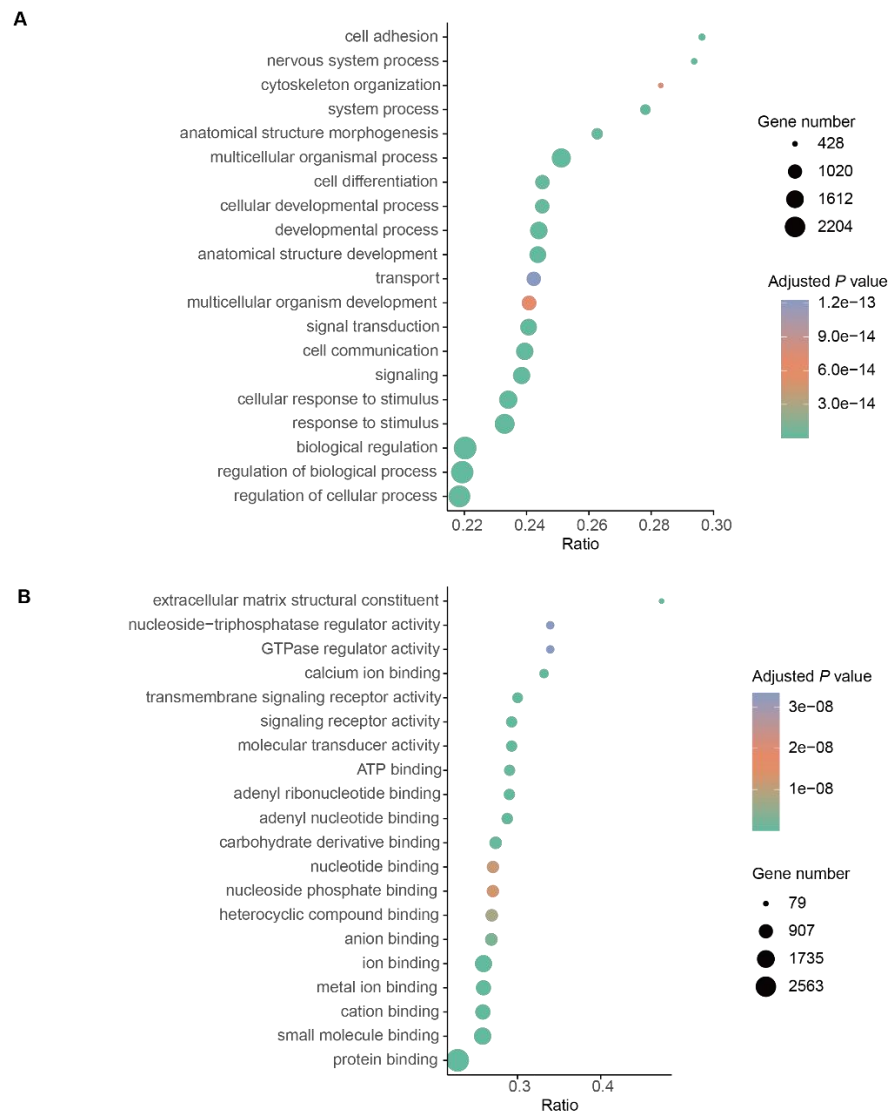


Figure S3 GO enrichment biological process (BP) (**A**) and molecular function (MF) (**B**) and analysis of genes with variations in the CDS region.

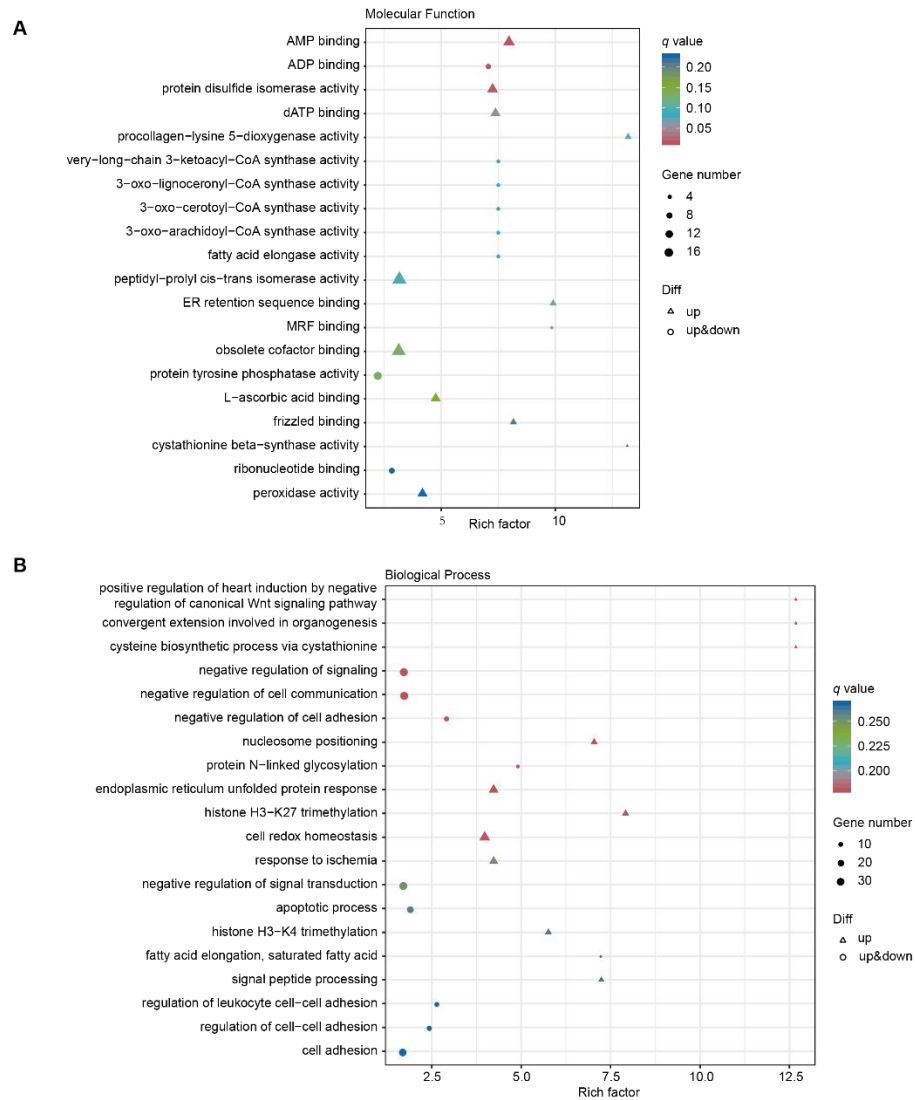


Figure S4 GO Enrichment Analysis on DEGs. Bubble chart of GO Molecular Function (**A**) and Biological Process (**B**) enrichment on DEGs. The top 20 enriched pathways (with the smallest Q-value) were shown.