

Figure S1. Enrichment Analysis Results. (A) GO Biological Processes analysis results for differentially expressed genes in WT-LPS vs WT-PBS. (B) GO Cellular Components analysis results for differentially expressed genes in WT-LPS vs WT-PBS. (C) GO Molecular Functions analysis results for differentially expressed genes in WT-LPS vs WT-PBS. (D) KEGG Pathway enrichment analysis results for differentially expressed genes in WT-LPS vs WT-PBS.

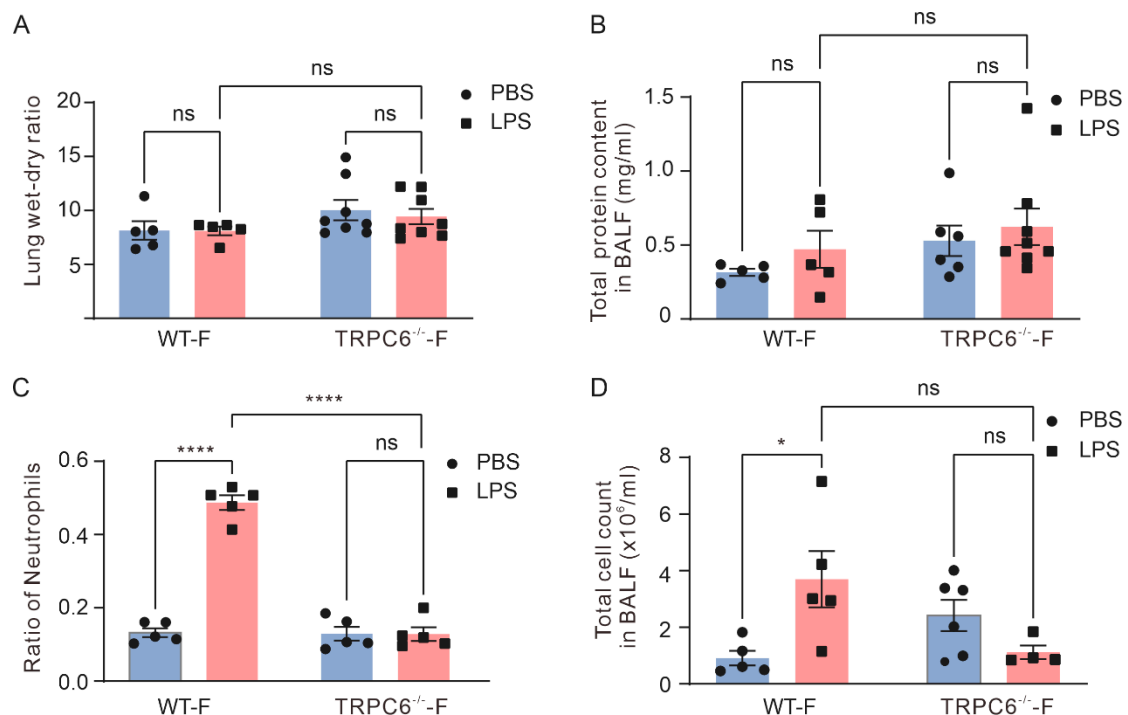


Figure S2. The impact of TRPC6 deletion on lung injury in female mice induced by ALI was assessed through measurements of lung wet-to-dry weight ratio (A), total protein content (B), neutrophil count ratio (C), and total cell count (D) in BALF. The data are presented as mean \pm SEM, with statistical significance denoted as * $P < 0.05$; ** $P < 0.01$; *** $P < 0.001$; **** $P < 0.0001$.