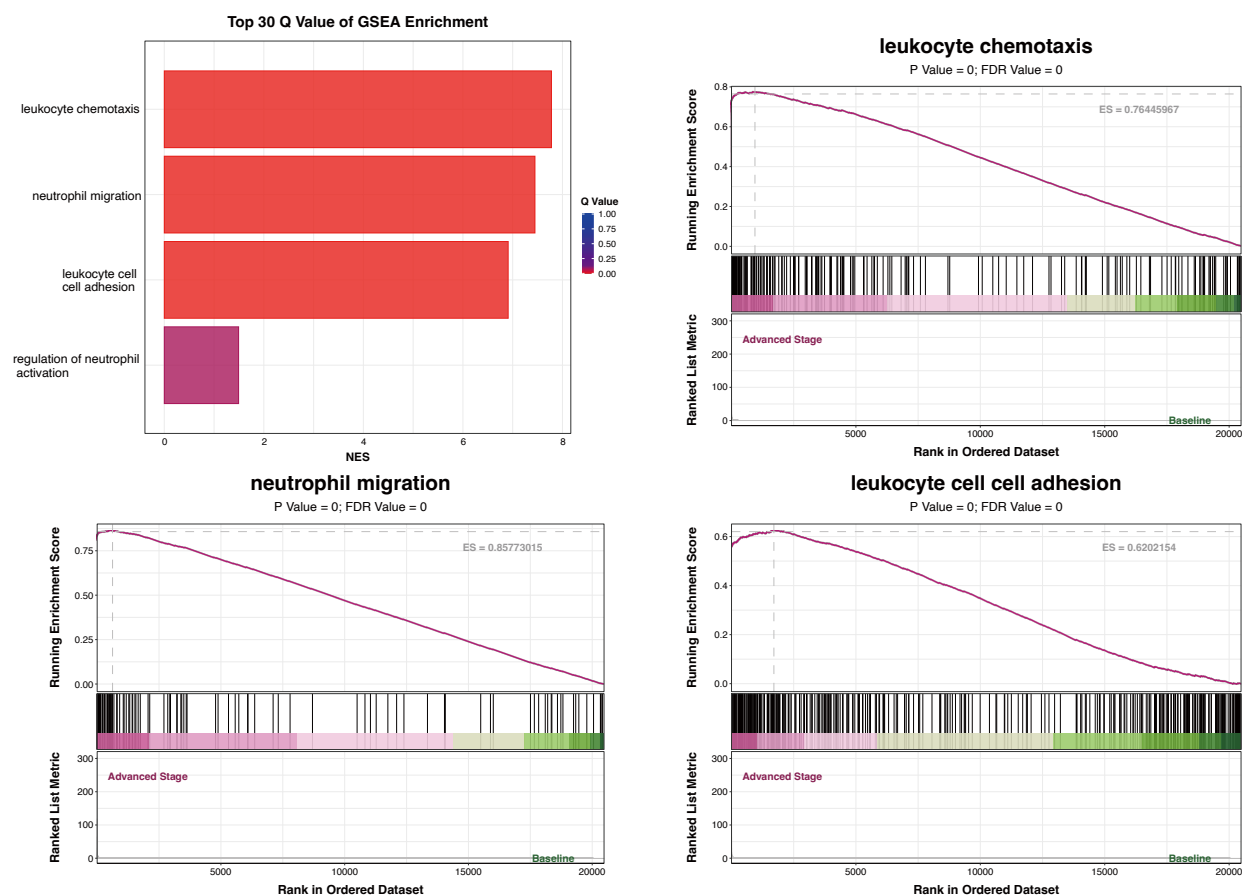
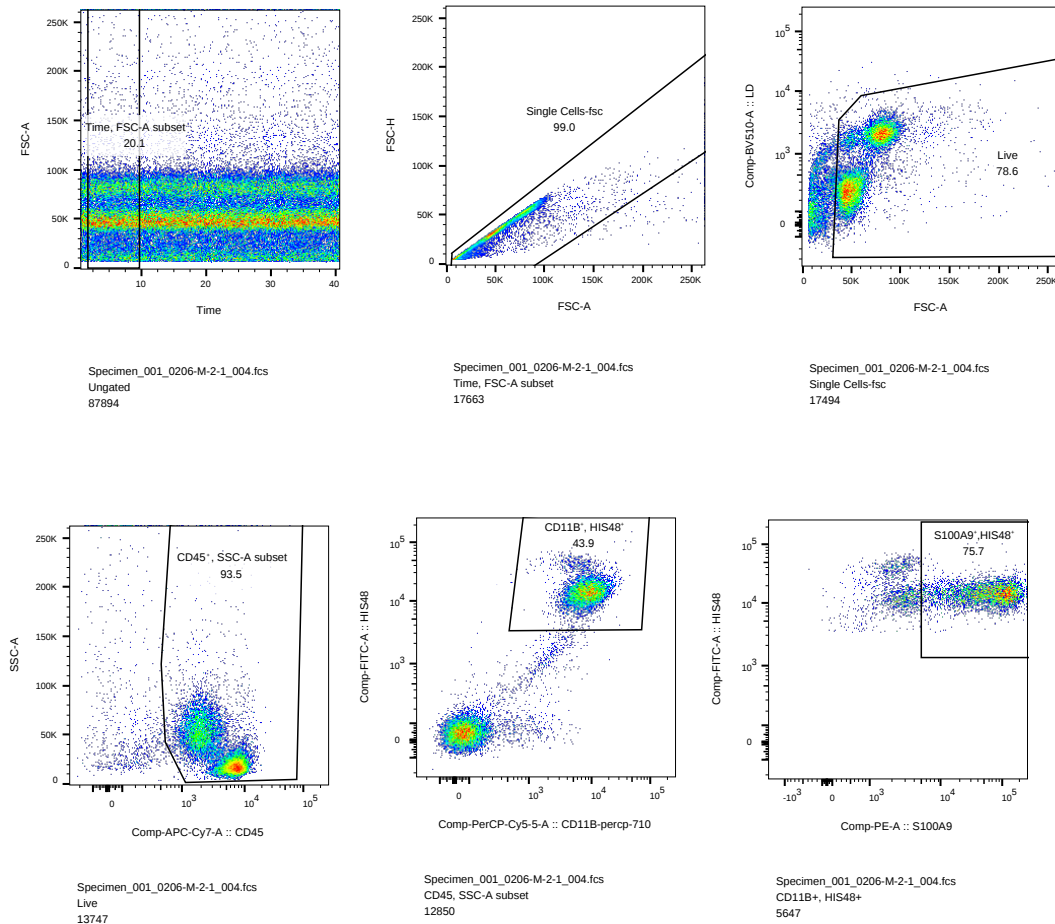


Supplementary Figure 1



Supplementary Figure 1. The top 30 significantly enriched pathways in the gene set enrichment analysis (GSEA).

Supplementary Figure 2



Supplementary Figure 2. Flow cytometry gating strategy. (A) Time vs. FSC-A gating to exclude abnormal signal events caused by unstable fluid flow. (B) FSC-H vs. FSC-A gating to exclude cell debris and doublets to retain single cells. (C) Live/dead dye (BV510-A::LD) vs. FSC-A gating to distinguish live and dead cells based on membrane integrity. (D) CD45 (leukocyte common antigen) vs. SSC-A gating to gate leukocytes by excluding red blood cells and debris. (E) CD11b (myeloid marker) vs. HIS48 (a highly specific marker for rat neutrophils) gating to identify myeloid-derived neutrophils. (F) S100A9 vs. HIS48 gating to identify the S100A9-high neutrophil subpopulation precisely.