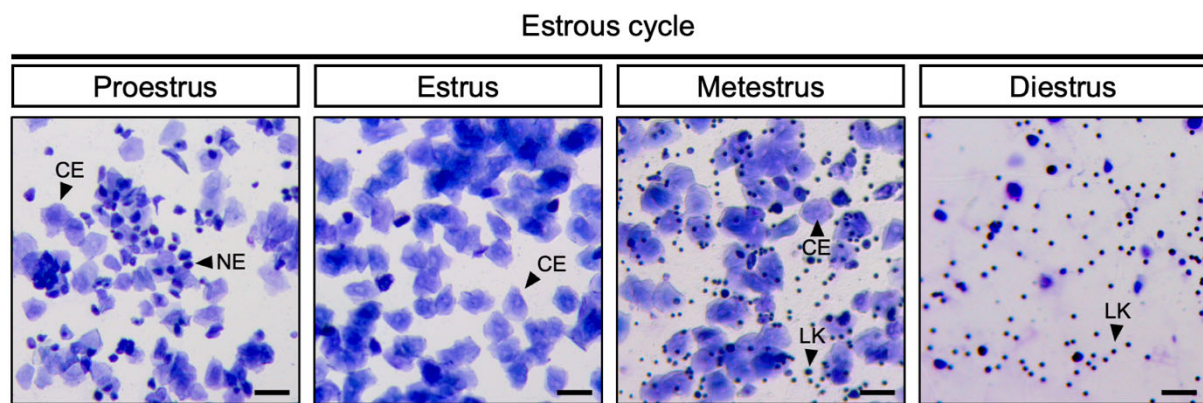
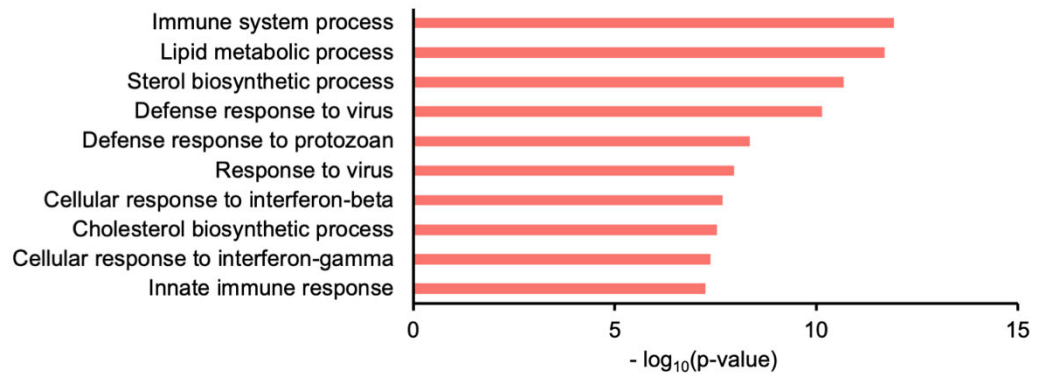


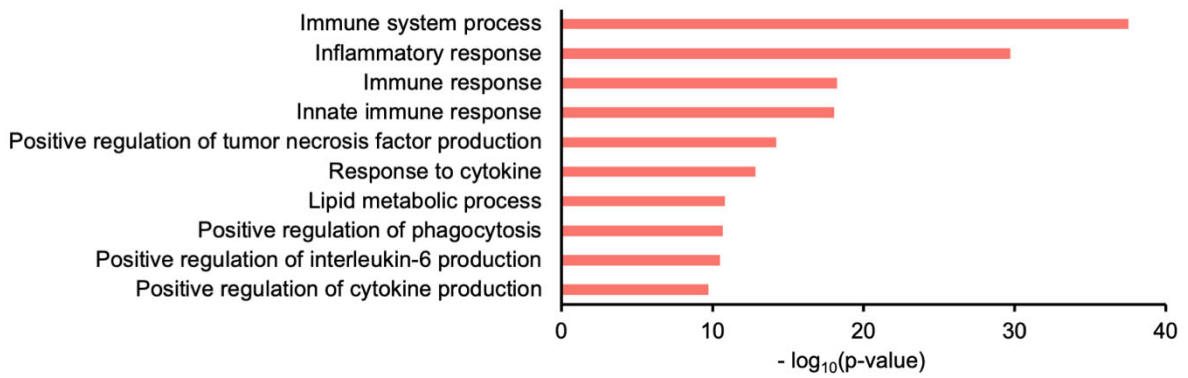


Supplementary Figure S1. Representative images for the estrous cycle stages, determined by vaginal smear assay. Scale bar, 50 μ m. NE, nucleated epithelial cell; CE, cornified epithelial cell; LK, leukocyte.

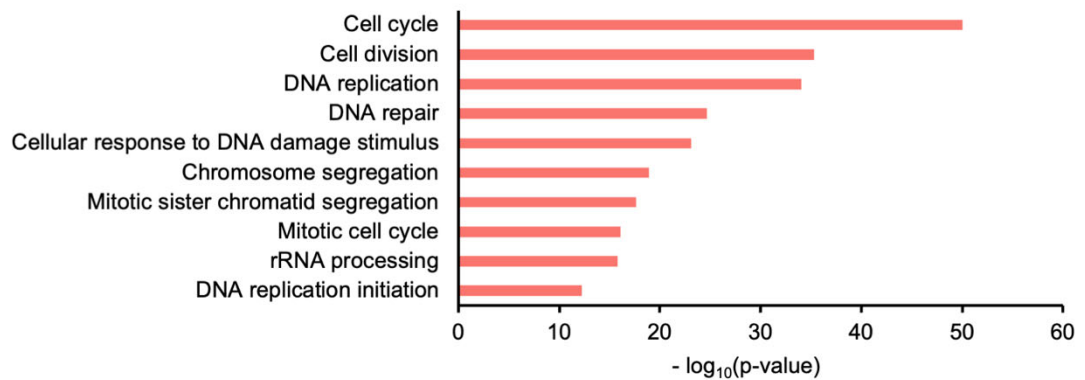
Cluster1_GOBP

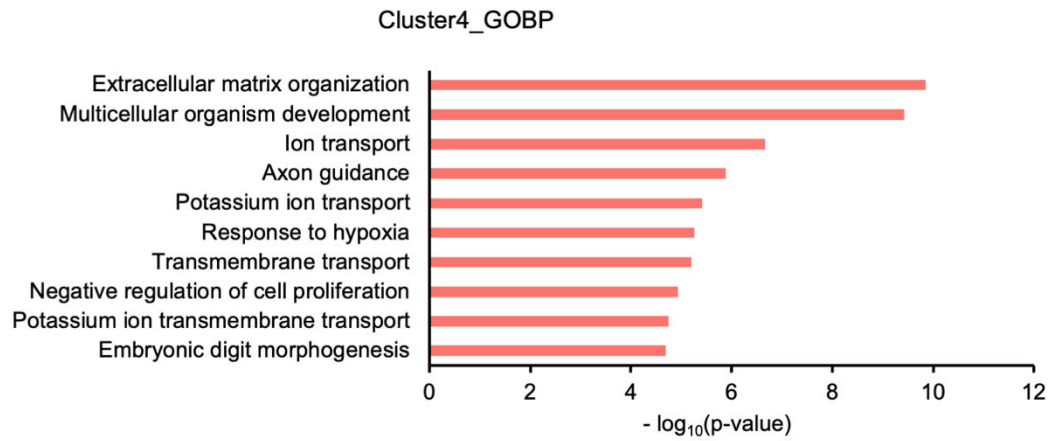


Cluster2_GOBP



Cluster3_GOBP





Supplementary Figure S2. Gene Ontology Biological Process (GOBP) analysis was conducted for each cluster with differently expressed genes in the mouse uterus during the estrous cycle. The y-axis represents significantly enriched biological process (BP) categories in GO analysis relative to the target genes, and the x-axis shows the enrichment scores of these terms.