

Description of Additional Supplementary Files

Supplementary Data 1

Differentially expressed genes from nine major cell types, including epithelial cells, T lymphocytes, B lymphocytes and plasma cells, myeloid cells, mast cells, endothelial cells, mesenchymal stromal cells, and glial cells. A two-sided Wilcoxon signed-rank test was used to assess statistical significance.

Supplementary Data 2

Differentially expressed genes from each subtype in major cell types, including epithelial cells, T lymphocytes, B lymphocytes, myeloid cells, endothelial cells, and mesenchymal stromal cells shown in each sheet. A two-sided Wilcoxon signed-rank test was used to assess statistical significance.

Supplementary Data 3

The processed gene expression data in count level for 54103 cells in this study.

Supplementary Data 4

The metadata for 54103 cells in this study, including barcode, Patient ID, nCount, nFeature, Tissue, percentage of mitochondrial genes, cell types, and main types.