

## **Description of Additional Supplementary Files**

### Supplementary Data 1

Description: scRNA sequencing statistics

### Supplementary Data 2

Description: Copy number variation regions as predicted from scRNA-seq data

### Supplementary Data 3

Description: Cell-cell interactions. p-values are computed from a one-sided permutation test as implemented in the R package CellChat

### Supplementary Data 4

Description: Differentially expressed genes in the overall dataset. p-values derive from gene-wise negative binomial mixed models using large-sample approximation as implemented in the R package nebula

### Supplementary Data 5

Description: Gene set enrichment analysis results for the overall dataset. p-values are based on an adaptive multi-level split Monte-Carlo scheme as implemented in the R package fgsea

### Supplementary Data 6

Description: Gene set enrichment analysis results for myeloid cells. p-values are based on an adaptive multi-level split Monte-Carlo scheme as implemented in the R package fgsea

### Supplementary Data 7

Description: Differentially expressed genes in myeloid cells. p-values derive from gene-wise negative binomial mixed models using large-sample approximation as implemented in the R package nebula

### Supplementary Data 8

Description: scATAC sequencing statistics