

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Cell annotations, associated marker genes, and associated references for mouse and human datasets.

File name: Supplementary Data 2

Description: List of the antibodies used for this study.

File name: Supplementary Data 3

Description: List of the primer sequences used for this study.

File name: Supplementary Data 4

Description: All of the identified marker genes of each dataset by Seurat analysis.

File name: Supplementary Data 5

Description: Statistics of Wilcoxon rank-sum test for Figure 3, Supplementary Figures 2, 3, 6, 7, 8, and 9.

File name: Supplementary Data 6.

Description: Abbreviations of the cell subset names.

File name: Supplementary Data 7

Description: List of commonly-detected pathways in CellChat analysis.

File name: Supplementary Data 8

Description: The source data behind the graphs (Figure 4d, 4h-i and 5a) in the paper