

Supplementary Figure 4: Spatial interaction between TREM1-positive myeloid cells and ACTA2-positive stromal cells in the CRC microenvironment. Publicly available colorectal cancer Visium spatial transcriptomics data were integrated with scRNA-seq data from this study, followed by label transfer from scRNA-seq to spatial transcriptomic sections. Spatial distributions of (A) epithelial cells, (B) TREM1-positive myeloid cells, and (C) ACTA2-positive stromal cells are shown, demonstrating their spatial organization within tumor tissues. Abbreviations: TREM1, triggering receptor expressed on myeloid cells 1; ACTA2, α -smooth muscle actin; CRC, colorectal cancer; scRNA-seq, single-cell RNA sequencing.

