

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Metadata per sample, including sample ID, patient ID, endoscopy/surgical, specimen location, CDAI score, and disease status.

File Name: Supplementary Data 2

Description: Technical statistics per sample, including the number of cells and genes, and the total UMI.

File Name: Supplementary Data 3

Description: Cellular compositions in each sample.

File Name: Supplementary Data 4

Description: Cell type-specific expression changes with disease activity (two-sided Wilcoxon test with FDR adjustment).

File Name: Supplementary Data 5

Description: Cell type-disease association in each sample.

File Name: Supplementary Data 6

Description: Primer sequences for qRT-PCR