

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Ligand-receptor interactions found in Acute Colitis

File name: Supplementary Data 2

Description: Cell-type markers used. They were mostly obtained from R&D systems, <https://www.rndsystems.com/resources/cell-markers>

File name: Supplementary Data 3

Description: Percentage difference of microbiota in Family. Acute colitis versus Healthy

File name: Supplementary Data 4

Description: Percentage of microbiota in Family

File name: Supplementary Data 5

Description: ASV_table shared with tax assignment