

Description of Additional Supplementary Files:

Supplementary Data 1: Patient's demographics.

Supplementary Data 2: Additional CD patient information.

Supplementary Data 3: Patient samples used in Figure 1, Supplementary Figure 2, Figure 4(a-g), Figure 5, Supplementary Figure 5, Supplementary Figure 6.

Supplementary Data 4: Patient samples used in Figure 2. NI = non-inflamed ileum, II = inflamed ileum.

Supplementary Data 5: Patient samples used in Figure 3. NI = non-inflamed ileum, II = inflamed ileum.

Supplementary Data 6: Patient samples used in Figure 4. NI = non-inflamed ileum, II = inflamed ileum. Samples were pooled before sorting (5 samples in each experiment).

Supplementary Data 7: Patient samples used in Figure 6 and Supplementary Figure 7. NI = non-inflamed ileum, II = inflamed ileum.

Supplementary Data 8: List of antibodies used for flow cytometry.

Supplementary Data 9: List of antibodies used for CyTOF.