**Suppl 4**. Hierarchical clustering heatmaps of DEGs screened in two mucosa datasets based on |log<sub>2</sub> fold change| > 1 and a corrected P-value < 0.05 were shown, respectively. Notes: (A) CD samples, (B) UC samples in the GSE75214 dataset, (C) CD samples, (D) UC samples in the GSE1141 dataset; Red indicates that the expression of genes is upregulated, blue means that the expression of genes is downregulated.

