

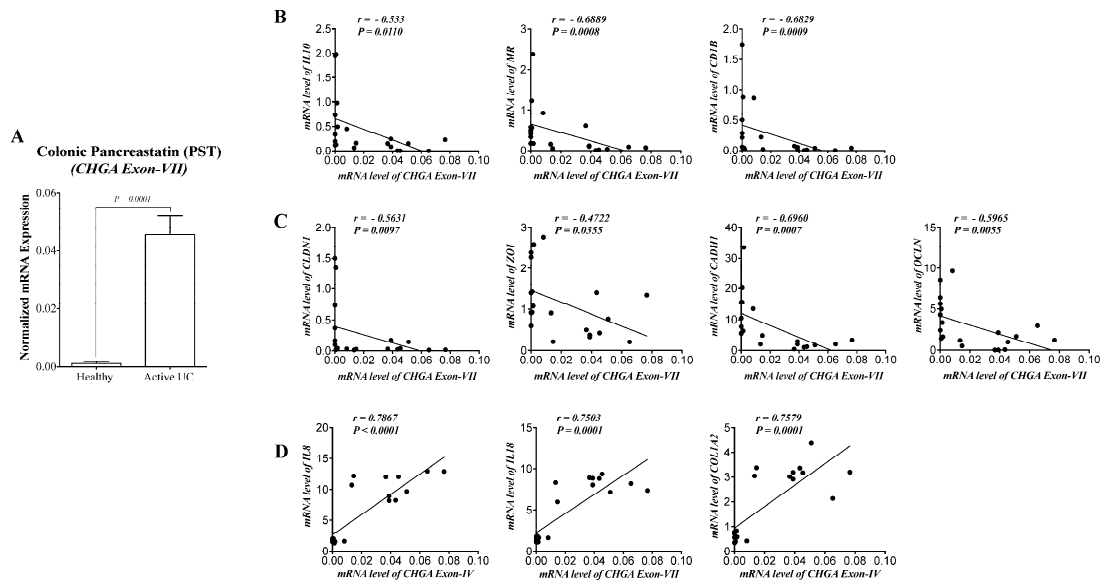


Figure S1. Chromogranin-A Exon VII (Pancreastatin (PST)) expression is reduced in participants with active ulcerative colitis (UC) and correlates negatively with mRNA alternative-activated macrophages (AAM) markers and tight junction (TJ) protein, and correlates positively with epithelial cells-associated cytokines and collagen expression. (A) Chromogranin-A Exon VII mRNA expression in UC participants' colonic tissue (n=10) and healthy individuals (n=10). Correlation analysis between Chromogranin-A exon VII mRNA expression and mRNA levels of (B) AAM markers (*IL10*, Mannose receptor [*MR*], Cluster of differentiation 1B [*CD1B*]), (C) TJ proteins (Claudin [*CLDN1*], zonula occludens-1 [*ZO1*], E-cadherin [*CDH1*] and occludin [*OCLN*]), (D) and *IL8*, *IL18*, and collagen (*COL1A2*) in human. mRNA expression was quantified by quantitative real-time RT-PCR. Mann-Whitney test and Spearman's correlation were used to analyze the data. Two tails significance level adjusted at 0.05.