Supplementary Figure 1

Cut tumor or control tissue in one piece from the colon and briefly rinse in PBS.

Incubate tissue in small volume of PBS in eppendorf tube at 37°C for 1 hour.

Centrifuge to collect proximal fluids.

Fix colon (tumor) tissues in formalin and embed in paraffin (FFPE tissue)

Proximal fluid protein separation by 1D gel electrophoresis → In-Gel digestion → nanoLC-MS/MS → Data processing

Database Searching
Sequest: Protein identification

Data Validation & Summary
Scaffold: Identification probability, Visualization, Spectral Counting

Data Mining
Ingenuity Pathway Analysis
Supplementary Figure 3

A CRC versus controls

B Advanced Adenomas versus controls