

Title: Supplementary Data 1

Description: Genetic characterization of *B. fragilis* clinical isolates. Structural analyses details.

Title: Supplementary Data 2

Description: Human microbiome survey of *B. fragilis* and *bte3*. Related to Figures 1E and 1F.

Title: Supplementary Data 3

Description: Mass spectrometry processed data from anti-Flag immunoprecipitations.

Title: Supplementary Data 4

Description: Bacterial species and strains, plasmids and constructs, and oligonucleotides utilized in this study.