Author Contributions


*Joint first authorship

Manuscript


SI

Detailed Contributions of Non-corresponding Authors

Jacob T. Barlow

- Major contributor to idea of applying absolute taxon load via quant seq to small intestinal aspirate samples
- Minor contributor to selection of samples during study design
- Major contributor to library prep for quant-seq
- Performed all digital PCR experiments
- Developed and performed analysis for all figures
- Generated all figures
- Wrote original draft of paper
- Managed all data and code archiving in public repositories

Anna E. Romano

- Major contributor to library prep for quant-seq
- Reviewed and edited original draft of paper

Gabriela Leite

- Major contributor to idea of applying absolute taxon load via quant seq to small intestinal aspirate samples
- Major contributor to selection of samples during study design
- Major contributor to patient data curation
- Developed method for DNA extraction from duodenal aspirates
- Minor contributor to DNA extraction
- Reviewed and edited original draft of paper

Shreya Celly

- Performed all duodenal bacterial cultures and samples processing prior DNA extraction
- Major contributor to DNA extraction

Rashin Sedighi

- Major contributor to patient recruitment
- Major contributor to blood and saliva collection

Christine Chang

- Major contributor to patient recruitment
- Major contributor to blood and saliva collection

Ali Rezaie
• Supervision of patient data curation
• Major contributor to patient upper endoscopy procedure and sample collection from duodenum
• Reviewed and edited original draft of paper

Ruchi Mathur

• Supervision of patient recruitment
• Reviewed and edited original draft of paper

Mark Pimentel

• Supervision of the study
• Major contributor to patient upper endoscopy procedure and sample collection from duodenum
• Reviewed and edited original draft of paper