Table S1. American Gut metadata filters used to determine healthy patients for the analysis. All other parameters in the metadata file were not filtered.

|  |  |  |
| --- | --- | --- |
| **Filtered metadata title** | **Definition** | **Filter parameters** |
| Country | * Country of residence
 | * Kept samples with “USA” and “Canada”
 |
| Antibiotic\_select | * Recent exposure to antibiotics
 | * Kept anyone that was not on antibiotics within 6 months of sample
 |
| Pregnant |  | * Kept samples with “no”
 |
| BMI | * Body mass index
 | * Range from 18 to 30
 |
| Skin\_condition | * Presence of a skin condition
 | * Filtered samples with positive skin conditions
 |
| Smoking\_frequency |  | * Filtered out all smokers
 |
| Alcohol\_frequency |  | * Filtered out daily drinkers only
 |
| IBD | * Inflammatory bowel disease
 | * Filtered out anyone with IBD
 |
| Age |  | * Ages 18 and up
 |