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 |