

Table S2: Comparison of community dissimilarity between individuals with normal colons and those with adenomas and carcinomas as calculated using Bray-Curtis distance and tested using PERMANOVA.

| Study | Tumor | Sample Type | R2 | P-value |
|-----------------|-----------|-------------|-------|---------|
| Brim | Adenoma | Feces | 0.059 | 0.7562 |
| Zeller | Adenoma | Feces | 0.021 | 0.0096 |
| Baxter | Adenoma | Feces | 0.003 | 0.3788 |
| Hale | Adenoma | Feces | 0.001 | 0.3658 |
| Wang | Carcinoma | Feces | 0.034 | 0.0001 |
| Weir | Carcinoma | Feces | 0.107 | 0.3431 |
| Ahn | Carcinoma | Feces | 0.010 | 0.0033 |
| Zeller | Carcinoma | Feces | 0.028 | 0.0003 |
| Baxter | Carcinoma | Feces | 0.007 | 0.0024 |
| Hale | Carcinoma | Feces | 0.002 | 0.7163 |
| Flemer | Carcinoma | Feces | 0.016 | 0.0460 |
| Lu | Adenoma | Tissue | 0.144 | 0.0001 |
| Flemer | Adenoma | Tissue | 0.018 | 0.0001 |
| Lu (Matched) | Adenoma | Tissue | 0.569 | 0.1000 |
| Sanapareddy | Carcinoma | Tissue | 0.025 | 0.0069 |
| Burns | Carcinoma | Tissue | 0.051 | 0.0995 |
| Flemer | Carcinoma | Tissue | 0.029 | 0.0001 |
| Chen | Carcinoma | Tissue | 0.064 | 0.2691 |
| Dejea (Matched) | Carcinoma | Tissue | 0.048 | 0.2515 |
| Geng (Matched) | Carcinoma | Tissue | 0.030 | 0.9816 |
| Burns (Matched) | Carcinoma | Tissue | 0.168 | 1.0000 |