

Number of Significant OTUs

Negative Correlation

Positive Correlation

Acetate

Butyrate

Propionate

Normal

Adenoma

Carcinoma

Normal

Adenoma

Carcinoma

Clostridiales

Porphyromonadaceae

Ruminococcaceae

Lachnospiraceae

Rikenellaceae

Other

60

40

20

0

60

40

20

0

60

40

20

0