

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