Cecum Butyrate Comparisons C. difficile Toxin Histopathology Toxin Concentration (ng/uL) (log10) TcdB TcdA Cecum p-value: 1.05e-07 r2: 0.444 0 **Mouse Diet** Score </l></l></l></l></l></ Chow 100 -HFt / HFb HFt / LFb p-value: 0.000235 p-value: 0.000837 LFt / HFb r2: 0.309 r2: 0.282 LFt / LFb 10 -

100

1000

10

Butyrate Concentration (ug/g) (log10)

1000

100

10

00

10

100

1000