Cecum Butyrate Comparisons C. difficile Toxin Histopathology TcdB TcdA Cecum p-value: 2.6e-09 r2: 0.496 1000 -**Mouse Diet** Score Chow 100 -HFt / HFb HFt / LFb LFt / HFb p-value: 4.98e-11 p-value: 1.59e-09 LFt / LFb r2: 0.503 r2: 0.546 10 -

(log10)

Toxin Concentration (ng/uL)

10

100

1000

Butyrate Concentration (ug/g) (log10)

1000

100

1000

100