Cecum Deoxycholic Acid Comparisons C. difficile Toxin Histopathology Toxin Concentration (ng/uL) (log10) TcdB TcdA Cecum 6 p-value: 3.54e-07 r2: 0.409 **Mouse Diet** Score Chow 100 -HFt / HFb HFt / LFb p-value: 5.58e-06 p-value: 8.38e-05 LFt / HFb r2: 0.313 r2: 0.363 LFt / LFb

1000

100

10

DCA Concentration (pmol/mg) (log10)

1000

100

0

10

100

1000

10