

Supplementary Table 1: Alpha diversity comparisons of the Chao, Shannon Evenness, and Inverse Simpson's indices of healthy horses and horses with colitis.

Index	Healthy N = 36	Colitis N = 55	P- values
Chao-1 (richness)	167 [129 – 241]	180 [108 – 344]	0.11
Shannon Evenness (evenness)	0.6 [0.5 – 0.6]	0.6 [0.07 – 0.6]	0.86
Inverse Simpson (diversity)	9 [6 – 17]	9 [1 – 16]	0.72

P-values were obtained with the Wilcoxon test. Median and range were included for each group.