

Supplementary Materials

Table S1. Microbial alpha diversity parameters.

	CHA01	Shannon	Simpson
Treatment (t=0d)	38.1 (±4.83)	2.48 (±0.21)	0.86 (±0.04)
Treatment (t=28d)	37.8 (±4.92)	2.45 (±0.17)	0.86 (±0.04)
Placebo (t=0d)	37.4 (±5.05)	2.50 (±0.21)	0.87 (±0.04)
Placebo (t=28d)	37.8 (±6.05)	2.45 (±0.28)	0.85 (±0.06)

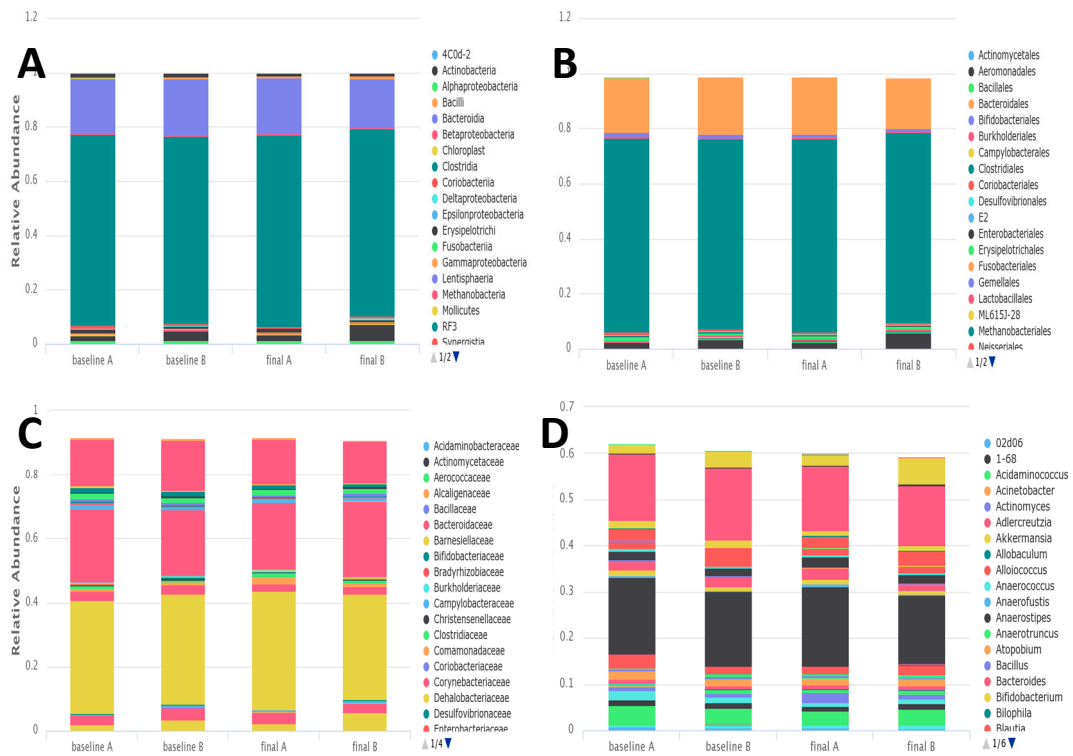


Figure S1. Bar plots showing relative abundance of taxa at (A) class, (B) order, (C) family, and (D) genus levels. Unclassified taxa were removed from the analyses. Columns marked A are treatment and B are placebo (baseline, t=0; final, t=28).

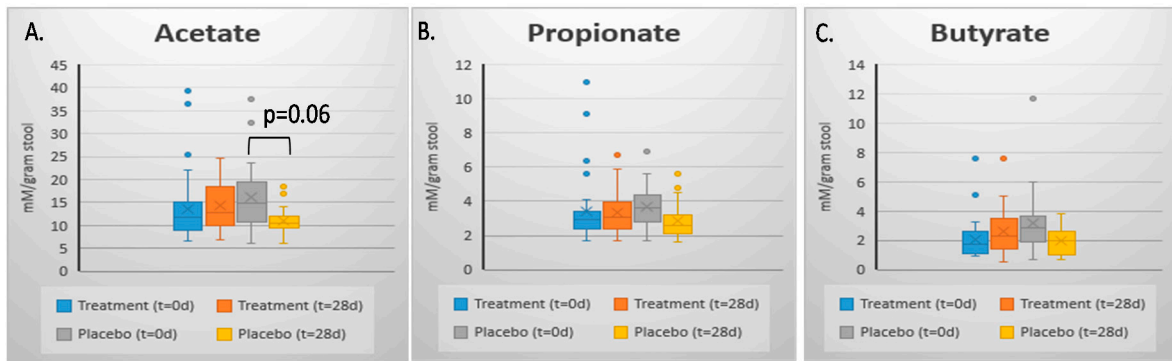


Figure S2. Fecal short chain fatty acid levels across treatments and time.

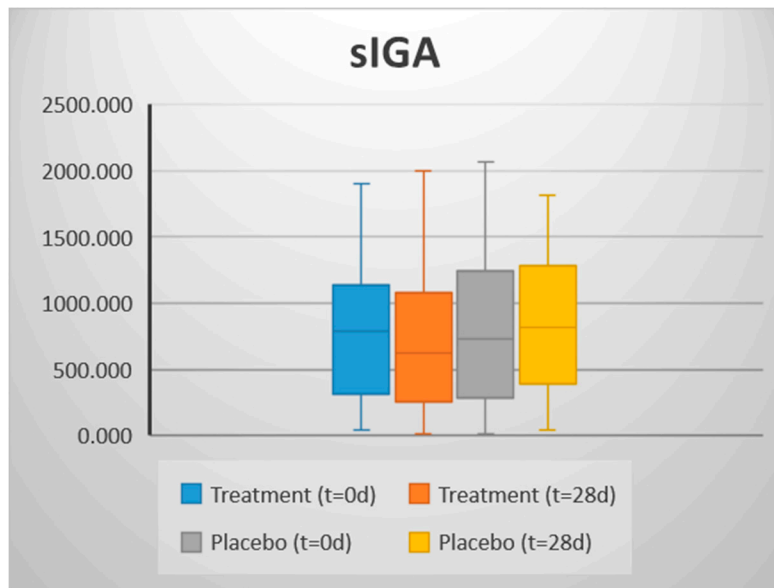


Figure S3. Fecal sIGA levels.