

Table S1 Concentration of SCFAs in the colonic contents of mice

SCFAs ($\mu\text{mol/g}$)	Control	242	Zn+242
Acetic acid	26.46 ± 2.09^a	34.66 ± 2.12^b	39.98 ± 1.61^c
Propanoic acid	9.01 ± 0.37^a	11.21 ± 0.38^b	13.69 ± 0.44^c
Butanoic acid	2.53 ± 0.12^a	2.75 ± 0.21^a	4.47 ± 0.22^c
Isobutyric acid	1.15 ± 0.07^a	1.15 ± 0.16^a	1.33 ± 0.15^a
Isopentanoic acid	0.16 ± 0.13^a	0.22 ± 0.07^a	0.18 ± 0.09^a
Total SCFAs	39.31 ± 2.03^a	49.98 ± 2.01^b	59.65 ± 1.56^c

Values are mean \pm SEM values with six mice in each group. The superscript letters a, b, and c indicate statistically significant differences at P values of < 0.05 among the groups.