

Supplemental Data

Fig. S1. Effect of COS on in vitro proliferation and acid production of CB. (A) Proliferation of CB on reinforced clostridial medium (RCM) with four carbon sources (a-d) as below. (B) Acetate content. (C) Butyrate content. a: no carbon source. b: COS (5 g/L) as sole carbon source. c: COS (2.5 g/L) + glucose (2.5 g/L) as complex carbon source. d: COS (5 g/L) + glucose (5 g/L) as complex carbon source. * $p < 0.05$; ** $p < 0.01$.

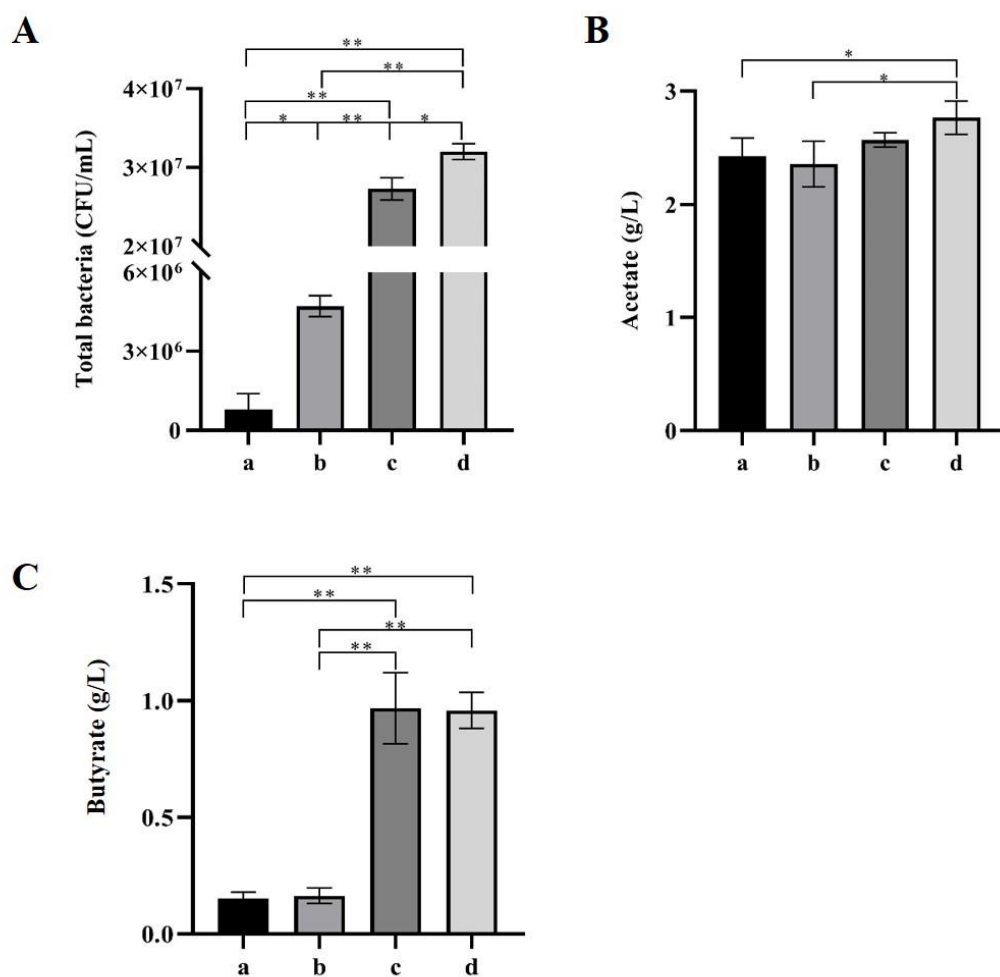


Table S1. Sequences of primers used for RT-qPCR.

Target gene	Forward primer (5'-3')	Reverse primer (5'-3')
β -actin	CTACCTCATGAAGATCCTGACC	CACAGCTTCTCTTTGATGTCAC
ZO-1	GCGAACAGAAGGAGCGAGAAGAG	GCTTTGCGGGCTGACTGGAG
occludin	TGGCTATGGAGGCGGCTATGG	AAGGAAGCGATGAAGCAGAAGGC
claudin-1	GCTGGGTTTCATCCTGGCTTCTC	CCTGAGCGGTCACGATGTTGTC
MUC2	ATGCCACCTCCTCAAAGAC	GTAGTTCCGTTGGAACAGTGAA