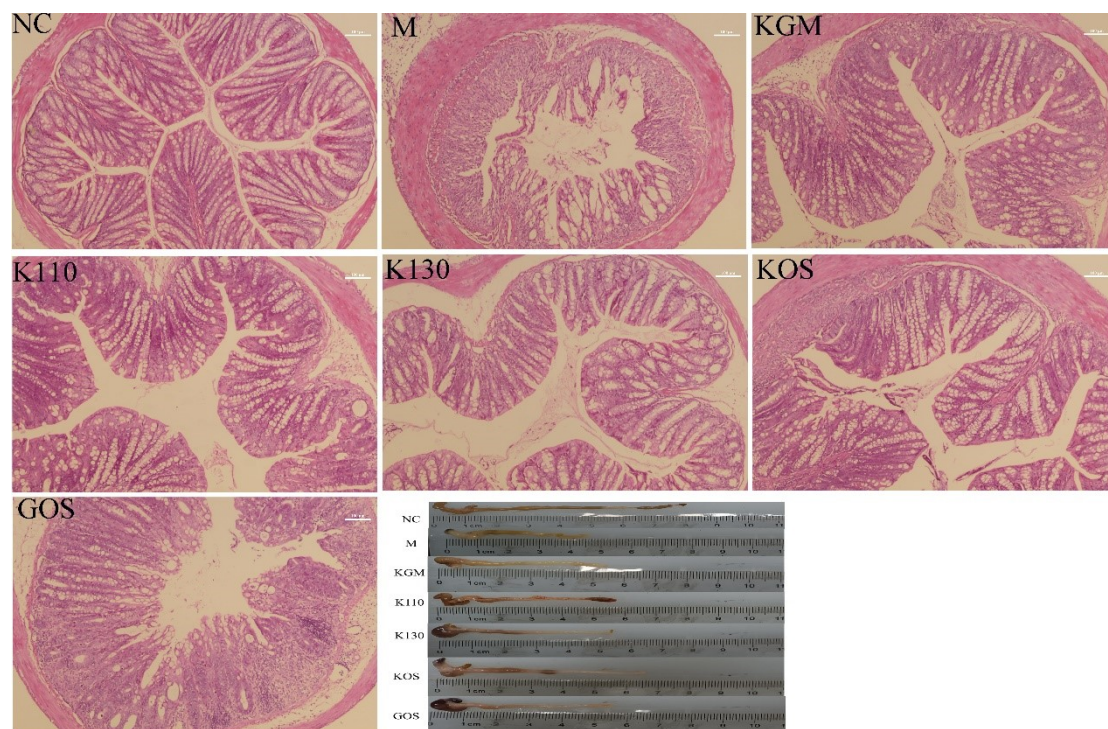
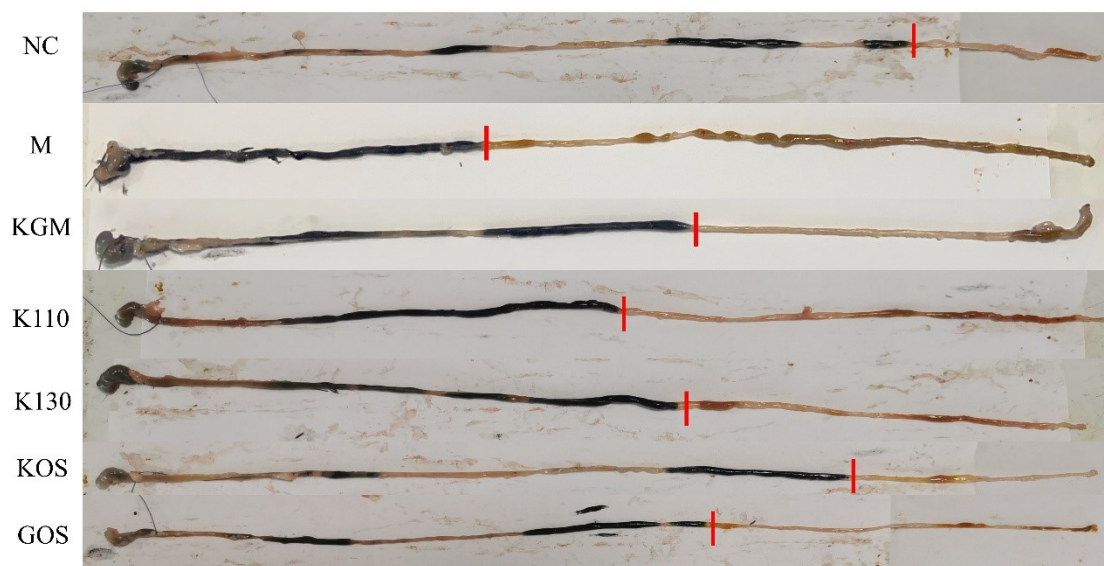


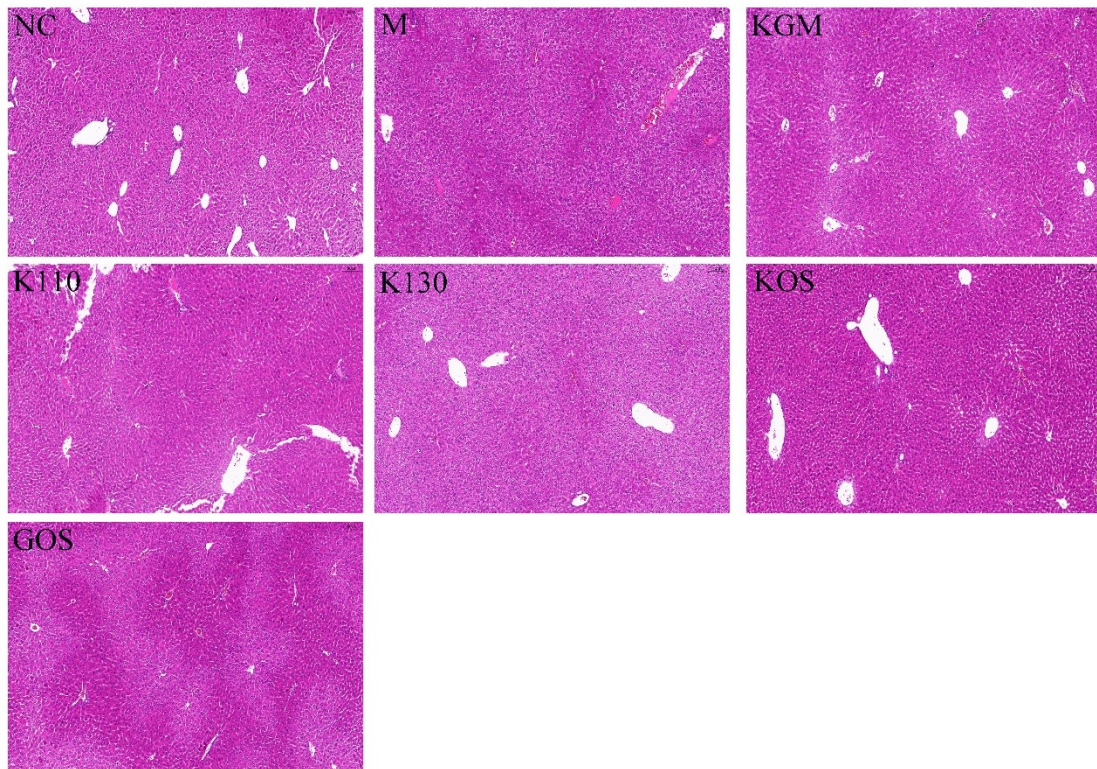
A



B



C



D

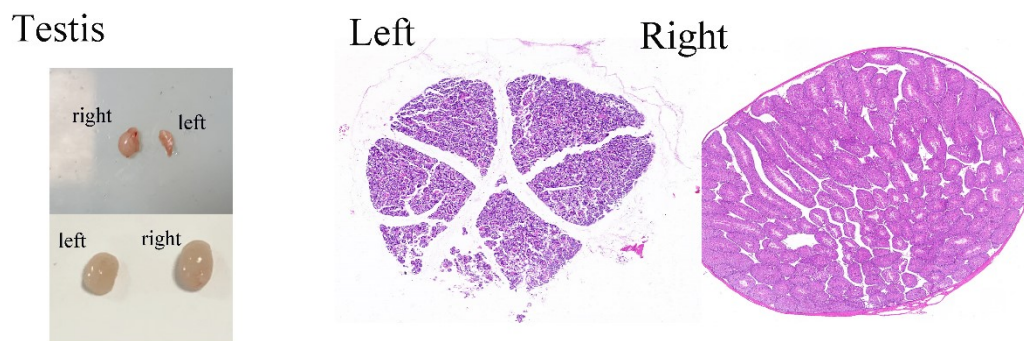


Figure S1 Paraffin sections and morphology of colon (A), small intestine (B) and liver (C), and testis (D) in each group.

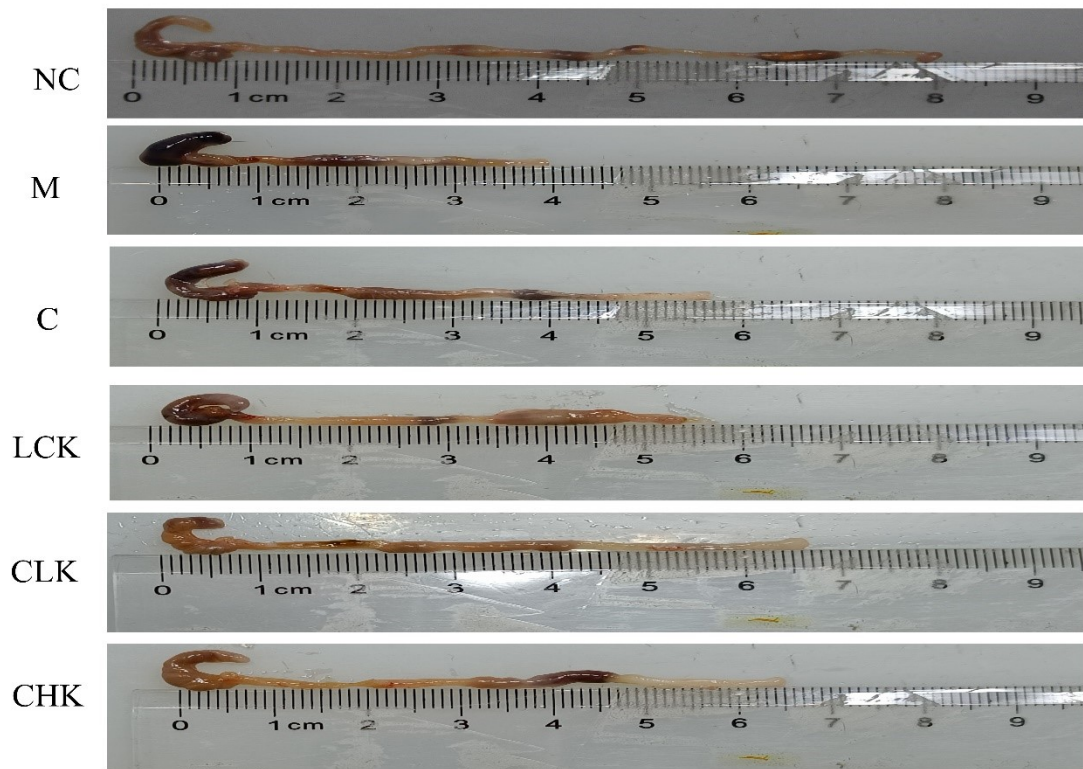


Figure S2 The morphology of colon in each group.

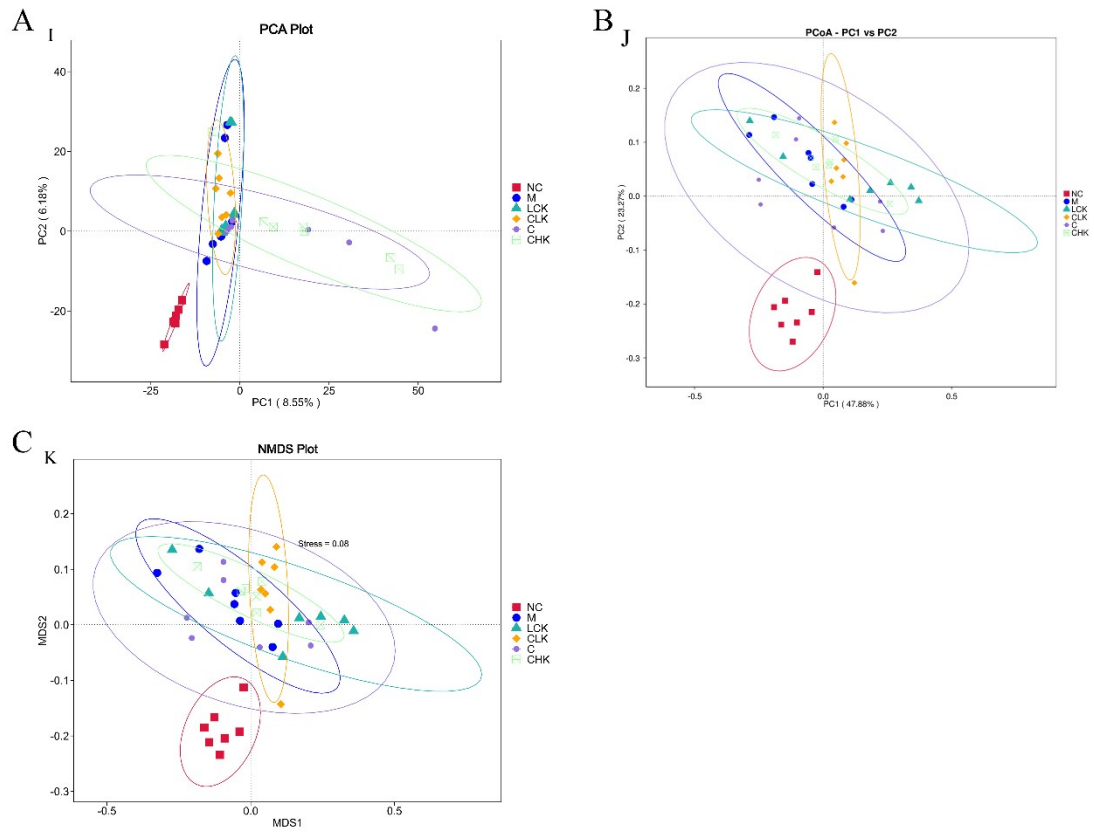


Figure S3 β -diversity analyzed by PCA (A), PCoA (B), NMDS (C).

Supplementary Table S1. Mice primer sequences in RT- PCR assays.

Genes	Forward	Reverse
m β -Actin	TGGAATCCTGTGGCATCCATGAAAC	TAAAACGCAGCTCAGTAACAGTCCG
mTNF- α	TGGGAGTAGACAAGGTACAACCC	CATCTTCTCAAATTCGAGTGACAA
mIL-1 β	CTCGCAGCAGCACATCAACAAG	GGAAGGTCCACGGGAAAGACAC
mIL-6	ACCACGGCCTTCCCTACTT	CACAACCTCTTTTCTCATTTCCAC
mIL-10	CCCTTTGCTATGGTGTCTT	TGGTTTCTCTTCCCAAGACC
mZO-1	CGGAACTATGACCATCGCCTAC	CTTCGGGATGTTGTCTGGAGTC
mClaudin-1	AGCTGTGCATGGCCTCTTGT	CCAATGTCAATGGCAACACCCT
mOccludin	CAGCCTCGGTACAGCAGCAAT	ATAGTGGTCAGGGTCCGTCCTC
mMUC1	AATGGCTCCTCGGTGCTACCTA	TGACTTGGCACTGAAGGCTGAG
mMUC2	TGCTGACGAGTGGTTGGTGAATG	GATGAGGTGGCAGACAGGAGACA