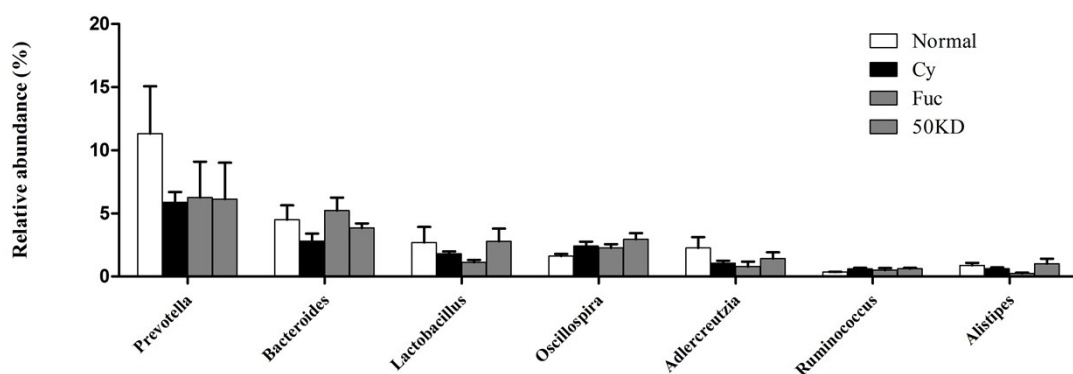


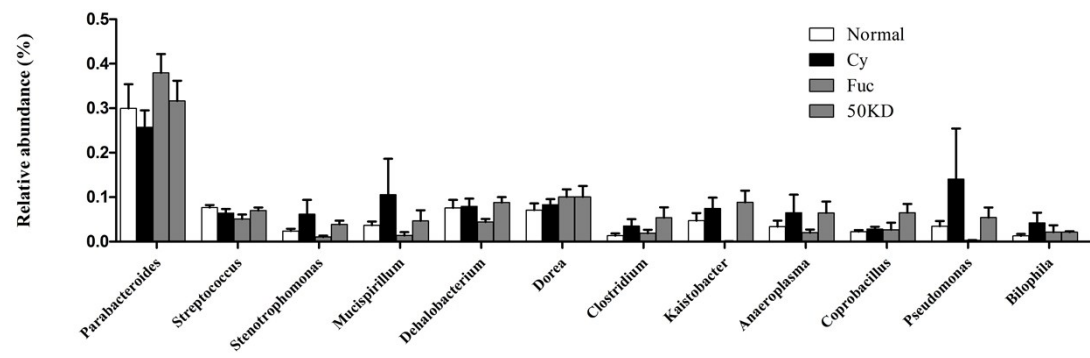
Table S Primers used in RT-PCR

Specific groups	Primers name	Primer sequence
GAPDH	forward primer	ATGACAATGAATACGGCTACAGCA
	reverse primer	GCAGCGAACTTTATTGATGGTATT
Bax	forward primer	TGCAGAGGATGATTGCTGAC
	reverse primer	GATCAGCTCGGGCACTTTAG
Bcl-2	forward primer	GGTGGTGGAGGAACTCTTCA
	reverse primer	ATGCCGGTTCAGGTACTCAG
Occluding	forward primer	CCCAGGCCATGATGGTGA
	reverse primer	□TCATGCCCACCACAGAGATAAT
E-cadherin	forward primer	CAGGCTGGCTGAAAGTGACA
	reverse primer	□ACGGATCCCTCAAACACCTC
TNF α	forward primer	CTGTAGCCCACGTCGTAGC
	reverse primer	□TTGAGATCCATGCTGTTG
IL-1 β	forward primer	ACCTGCTGGTGTGTGACGTT
	reverse primer	TCGTTGCTTGGTTCTCCTTG
IFN- γ	forward primer	TACACACTGCATCTTGGCTTTG
	reverse primer	CTCCACATCTATGCCACTTGAG
IL-4	forward primer	ACAGGAGAAGGGACGCCAT
	reverse primer	GAAGCCCTACAGACGAGCTCA
FFAR2	forward primer	CCGCCCCAAGGCTAAGTCAATA
	reverse primer	CGCCAGGGTCAGATTAAGCA
FFAR3	forward primer	GGGTTACACACAGAGGTGGC
	reverse primer	CATCACGTTGAGGGGGAGTC

FigS1 and FigS2



FigS1 Microbiota in genus level and Feces were collected on 14th before mice sacrificed.



FigS2 Microbiota at genus level and Feces were collected on 14th before mice sacrificed.