

Tables

Table S1

Disease activity index (DAI).

Weight loss (%)	Stool consistency	Occult blood	Score
None	Normal	Normal	0
1-5	--	--	1
5-10	Loose stools	Hemoccult +	2
10-20		--	3
>20	Diarrhoea	Gross bleeding	4

Table S2

Histological colitis score.

Inflammation extent	Crypt aberrant	Lymphocyte infiltration	Colon wall aberrant	Score
None	Normal	0%	None	0
Mild	Basal 1/3 damage	10%	Mucosa	1
Moderate	Basal 2/3 damage	10-25%	Submucosa	2
Severe	Crypt lost; surface epithelium present	25-50%	Transmural	3
--	Crypt and surface epithelium lost	>50%	--	4

Table S3

The RT-qPCR primer sequences.

Target gene	Forward primer	Reverse primer
<i>Occludin</i>	CCCCAATGTTGAAGAGTGGGTTA	CACACTCAAGGTCAGAGGAATCT
<i>MUC2</i>	CAGCACCGATTGCTGAGTTGG	CTGGTCATCTCAATGGCAG
<i>MUC3</i>	CGTGGTCAACTGCGAGAATGG	CGGCTCTATCTCTACGCTCT
<i>TNF-α</i>	AGGGTCTGGGCCATAGAACT	CCACCACGCTCTTCTGTCTAC
<i>IL-1β</i>	GATGAAGGGCTGCTTCCAAAC	CTGCGAGATTTGAAGCTGGATG
<i>IL-6</i>	AGTTCCTCTCTGCAAGAGACTTC	AGTCTCCTCTCCGGACTTGT
<i>IL-γ</i>	ATGAACGCTACACACTGCATC	CCATCCTTTTGCCAGTTCCTC
<i>IL-17a</i>	TGGACTCTCCACCGCAATGAAG	GCTTTCCTCCGCATTGACAC
<i>GAPDH</i>	AGGTCGGTGTGAACGGATTTG	TGTAGACCATGTAGTTGAGGTCA
<i>IFN-γ</i>	ACTGGCAAAAGGATGGTGAC	TGAGCTCATTGAATGCTTGG

<i>iNOs</i>	CAGCTGGGCTGTACAAACCTT	CATTGGAAGTGAAGCGTTTCG
<i>PPAR-γ</i>	CAGGCTTCCACTATGGAGTTC	GGCAGTTAAGATCACACCTATCA

Table S4

Body weight change of mice during the intervention period.

Groups/BW(g)	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14
Ctrl	23.93±0.66	24.17±0.67	24.64±1.03	24.99±1.15	24.71±1.24	24.87±1.22	25.12±1.06
DSS	23.84±0.92	24.17±1.10	24.57±1.17	25.1±1.19	24.83±1.40	24.87±1.22	25.08±1.53
DSS+LA	24.41±1.18	25.09±1.15	25.48±1.16	25.56±1.23	25.59±1.42	25.51±1.37	25.42±1.33
DSS+V.ratti	23.30±1.51	23.55±1.68	23.86±1.62	24.16±1.70	24.25±1.90	23.93±1.89	24.09±1.75
DSS+Mixture	23.60±1.10	23.71±1.20	23.88±1.26	23.95±1.14	24.07±1.30	23.94±1.50	24.12±1.11

The body weight (BW/g) was measured during the intervention period. Data were presented by mean ± standard deviation (SD)