Supplementary Material
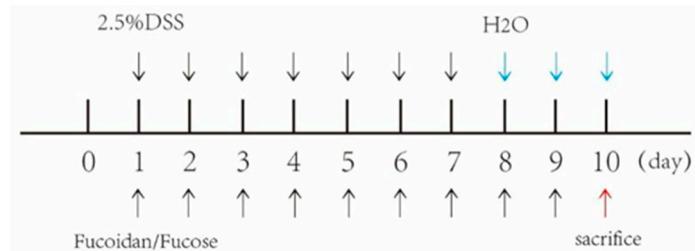
Figure S1 Establishment of acute ulcerative colitis model and intervention therapy with drugs

Table S1   Disease Activity Index of mice (DAI rating scale)

Score	Weight loss	stool consistency	stool bleeding
0	<1%	normal	normal
1	1%-5%	fluffy but tangible	weakly positive
2	6%-10%	loose stool	positive
3	11%-18%	very loose and moist	Visible blood
4	>18%	diarrhea	gross blood

Table S2   PCR primers

Genes	Sequence 5' -3'	Tm （℃）
Claudin4	Forward: TTATGGTCATCAGCATCATCGT	53
	Reverse:TGATCATGATCTTGGCCTTGAC	54
Occludin	Forward:TGCTTCATCGCTTCCTTAGTAA	53
	Reverse:GGGTTCACTCCCATTATGTACA	53
Claudin1	Reverse: AGATACAGTGCAAAGTCTTCGA	53
	Forward: CAGGATGCCAATTACCATCAAG	53
β -actin	Forward: CTACCTCATGAAGATCCTGACC	54
	Reverse: CACAGCTTCTCTTTGATGTCAC	53