

Supporting Information for Methods

Table S1. DAI scoring method

Score	Body weight loss	Diarrhea	Blood in feces
0	None	Normal	None
1	1-5%	Loose stool (+)	Occult bleeding (+)
2	5-10%	Loose stool (++)	Occult bleeding (++)
3	10-15%	Diarrhea (+++)	Gross bleeding (+++)
4	15-20%	Diarrhea (++++)	Gross bleeding (++++)

Table S2. Histological scoring method

Score	Inflammation	Crypt damage	Ulceration	Edema
0	No infiltrate	None	None	Absent
1	Occasional cell limited to submucosa	Some crypt damage, spaces between crypts	Small, focal ulcers	Present
2	Significant presence of inflammatory cells in submucosa, limited to focal areas	Some crypt damage, spaces between crypts	Frequent small ulcers	
3	Infiltrate present in both submucosa and lamina propria, limited to focal areas	Larger spaces between crypts, loss of goblet cells, some shortening of crypts	Large areas lacking surface epithelium	
4	Large amount of infiltrate in submucosa, lamina propria and surrounding blood vessels, covering large areas of mucosa	Large areas without crypts, surrounded by normal crypts		
5	Transmural inflammation (Mucosa to muscularis)			