

Supplementary Table 1. Colon histology scoring

Layer	Criteria	Score
Longitudinal muscle	Layered muscle cells with few collagen strands between, < 10% collagen	0
	Loss of muscle cells, with prominent collagen between, 10-50% collagen	1
	Substantial loss of muscle cells, some areas may have no muscle cells. Prominent collagen in muscle layer, >50% collagen	2
Circular muscle	Muscle cells plump, 8 or more layers, < 10% collagen	0
	Muscle cells smaller and fewer, only 4-7 layers, 10-50% collagen	1
	Muscle cells smaller and substantially fewer, < 4 layers, >50% collagen	2
Submucosa	Thin with fibroblasts, no or extremely rare macrophages	0
	Thickened with some macrophages	1
	Thickened > 2 times normal with numerous macrophages	2
Mucosa	Goblet cells small at bases of glands and in gland walls, rare at surface	0
	Goblet cells swollen and commonly observed at surface as well as at bases and in walls of glands	1

Scoring system designed to be objective, 7 point scale (Normal = 0, Severely affected = 7)

Supplementary Table 2. Ileum histology scoring

Layer	Criteria	Score
Longitudinal muscle	Layered muscle cells with few collagen strands between, < 10% collagen	0
	Loss of muscle cells, with prominent collagen between, 10-50% collagen	1
	Substantial loss of muscle cells, some areas may have no muscle cells. Prominent collagen in muscle layer, >50% collagen	2
Circular muscle	Muscle cells plump, 5 or more layers, < 10% collagen	0
	Muscle cells smaller and fewer, only 2-4 layers, 10-50% collagen	1
	Muscle cells smaller and substantially fewer, < 2 layers, >50% collagen	2
Submucosa	Thin with fibroblasts, no or extremely rare macrophages	0
	Thickened with some macrophages	1
	Thickened > 2 times normal with numerous macrophages	2
Mucosa	Mucosa intact	0
	Disruptions to the mucosa	1

Scoring system designed to be objective, 7 point scale (Normal = 0, Severely affected = 7)