

**S6 Table. Semi-quantitative histological evaluation of GI tract segments from NHPs that survived to day 40 after 6.5 Gy TBI and vehicle or entolimod treatment (study Rs-06)**

Organ/tissue	Mean score <sup>A</sup> ± SE				P-value vs. vehicle <sup>B</sup>		
	Vehicle (N=2)	Entolimod, 40 µg/kg			Entolimod, 40 µg/kg		
		+16 h (N=8)	+25 h (N=7)	+48 h (N=8)	16 h	25 h	48 h
<b>Duodenum</b>	2.4±0.1	3.1±0.2	2.9±0.2	3.2±0.1	<b>0.03</b>	0.07	<b>0.01</b>
<b>Jejunum</b>	2.8±0.3	3.8±0.1	3.6±0.1	3.6±0.1	0.21	0.24	0.25
<b>Ileum</b>	3.3±0.3	3.6±0.1	3.6±0.1	3.7±0.1	0.35	0.36	0.31
<b>Cecum</b>	2.8±0.2	3.5±0.1	3.6±0.1	3.4±0.1	0.11	<b>0.05</b>	0.10
<b>Colon</b>	3.6±0.3	3.5±0.1	3.3±0.1	3.5±0.1	0.71	0.46	0.76
<b>Rectum</b>	3.0±0.7	3.0±0.2	3.0±0.2	3.4±0.2	0.98	0.98	0.64

<sup>A</sup> 0: severely abnormal; 1: markedly abnormal; 2: moderately abnormal; 3: mildly abnormal; 4: normal (see Supplementary Methods). Sample-average scores were calculated for each sample over evaluated histological sub-structures (villi/epithelium, crypts, lamina propria/submucosa, Brunner's glands). Mean sample-average scores per group are shown.

<sup>B</sup> Student's t-test vs. vehicle, 2-tailed.