

S8 Table. Semi-quantitative histological evaluation of GI tract sub-structures on day 7 after 11 Gy TBI and vehicle or 40 µg/kg entolimod treatment at 4 h post-TBI (study Rs-22, N=4)

Intestinal structure	Vehicle score ^A, mean±SE	40 µg/kg Entolimod score ^A, mean±SE	T-test P-value (E vs. V) ^B
MALT ^C	1.0±0.03	1.4±0.04	<0.0001
Lamina Propria	1.0±0.04	1.3±0.03	<0.0001
Surface Epithelium	1.1±0.06	1.4±0.03	<0.0001
Crypts	1.1±0.07	1.4±0.06	<0.0001
Villi	0.9±0.09	1.3±0.06	<0.0001

^A 0: severely abnormal; 1: markedly abnormal; 2: moderately abnormal; 3: mildly abnormal; 4: normal (see Supplementary Methods).

^B Student's t-test of 40 µg/kg entolimod (E) vs. vehicle (V) scores, 2-tailed.

^C Mucosa-associated lymphoid tissue.