

TABLE 5. Morphometric alterations, and mast cell response 2-6 days post challenge with EA¹

	Villus	Crypt	Villus:Crypt	Mast cells (156.25 μm ²)		
	Height (mm)	Depth (mm)	Ratio	LCB ⁴	Mean	UCB ⁵
d PC²						
2	1.69 ± 0.04 ^{ab}	0.21 ± 0.01 ^b	8.30 ± 0.27 ^a	2.10	2.83 ^{ab}	3.82
3	1.78 ± 0.04 ^a	0.22 ± 0.01 ^b	8.26 ± 0.27 ^a	1.92	2.59 ^b	3.49
4	1.71 ± 0.04 ^{ab}	0.22 ± 0.01 ^b	7.86 ± 0.27 ^a	2.75	3.71 ^{ab}	5.00
5	1.60 ± 0.04 ^b	0.28 ± 0.01 ^a	6.29 ± 0.27 ^b	2.01	2.72 ^{ab}	3.67
6	1.72 ± 0.04 ^{ab}	0.30 ± 0.01 ^a	6.36 ± 0.27 ^b	3.39	4.57 ^a	6.17
Trt²						
Control	1.75 ± 0.03	0.20 ± 0.01 ^c	9.02 ± 0.21 ^a	1.72	2.14 ^b	2.66
EA1	1.64 ± 0.03	0.29 ± 0.01 ^a	6.18 ± 0.21 ^c	3.67	4.57 ^a	5.70
EA2	1.71 ± 0.03	0.25 ± 0.01 ^b	7.03 ± 0.21 ^b	2.69	3.35 ^a	4.18
	P-Value					
d PC	P ≤ 0.05	P ≤ 0.0001	P ≤ 0.001	--	P ≤ 0.05	--
Trt	NS	P ≤ 0.0001	P ≤ 0.01	--	P ≤ 0.05	--

^{a-c}Means in columns within each section with no common superscript differ significantly.

¹Values are means ± SEM.

²Treatments (Trt):Control = no challenge; EA1 = 3.0 x 10⁵ EA strain 1 oocysts; EA2 = 3.0 x 10⁵ EA strain 2 oocysts;
d PC = day post challenge

³LCB = Lower confidence bound limit of the 95% confidence interval.

⁴UCB = Upper confidence bound limit of the 95% confidence interval.