

S1 Table. Comparison of uninfected control and *H. diminuta*-infected C57BL/6 wild-type and *Pou2f3*^{-/-} littermates. Data are mean ± SEM; dpi, days post-infection; *H. diminuta* at 5 cysticercoids by oral gavage; multiple unpaired T tests with Welch's correction and Hom Sidak test.

	WT <i>Pou2f3</i> ^{+/-} and +/+	<i>Pou2f3</i> ^{-/-}
<u>Serum IgG1 (µg/mL)</u>		
Control (n=4-5)	2.6 ± 0.4	1.4 ± 0.3
<i>H. diminuta</i> 8 dpi (n=7)	2.5 ± 0.8	3.0 ± 0.5
<u>Serum IgG2α (µg/mL)</u>		
Control (n=4-5)	3.1 ± 0.9	4.6 ± 3.1
<i>H. diminuta</i> 8 dpi (n=9)	1.1 ± 0.3	2.7 ± 1.4
<u>Colonic motility (time to expel 3 mm bead (seconds))</u>		
Control (n=3-6)	86 ± 16	64 ± 6
<i>H. diminuta</i> 8 dpi (n=3)	105 ± 8	116 ± 19
<u>Ussing chamber analysis</u>		
Baseline short circuit current (I _{sc} , µA/cm ²)		
Control (n=3-5)	66 ± 30	74 ± 18
<i>H. diminuta</i> 8 dpi (n=3-4)	68 ± 12	54 ± 10
Carbachol (100 µM) (ΔI _{sc} µA/cm ²)		
Control (n=3-5)	68 ± 6.5	65 ± 14
<i>H. diminuta</i> 8 dpi (n=3-4)	37 ± 4	103 ± 23
Forskolin (10 µM) (ΔI _{sc} µA/cm ²)		
Control (n=3-5)	84 ± 10	93 ± 5
<i>H. diminuta</i> 8 dpi (n=3-4)	70 ± 9	88 ± 25