

S2 Table. Immunophenotyping of uninfected and *H. diminuta*-infected wild-type (WT; *Pou2f3*^{+/+} and *Pou2f3*^{+/-}) and tuft cell-deficient *Pou2f3*^{-/-} C57BL/6 mice. Data are Mean ± SEM, * *p* < 0.05, analysed by Two Way ANOVA and Dunnett's post test compared to uninfected controls.

Region	Cell type (number of cells)	Genotype	Control (n=7-10)	5 dpi. (n=5)	8 dpi. (n=6)	11 dpi. (n=9-10)
MLN	B cells (CD19 ⁺) (x 10 ⁶)	WT	1.7±0.5	0.9±0.4	2.5±0.6	3.5±1
		<i>Pou2f3</i> ^{-/-}	0.9±0.2	0.8±0.3	2.5±0.8	4.9±1.5*
	Cytotoxic T cells (CD8 ⁺) (x 10 ⁵)	WT	8.9±1.9	5.9±1.9	15.8±3.6	22.1±5.9*
		<i>Pou2f3</i> ^{-/-}	7±1.6	9.3±3.4	13.2±4	24.9±6.1*
	T helper cells (CD4 ⁺) (x 10 ⁶)	WT	1.4±0.3	0.7±0.3	2.3±0.5	3.3±0.8*
		<i>Pou2f3</i> ^{-/-}	0.9±0.2	1.2±0.5	1.6±0.5	3±0.7*
Tbet ⁺ CD4 ⁺ T cells (x 10 ⁴)	WT	1.5±0.4	1.6±0.9	1.9±0.6	5±0.8*	
	<i>Pou2f3</i> ^{-/-}	1±0.2	1.1±0.4	1.7±0.6	5.4±2*	
RORγT ⁺ CD4 ⁺ T cells (x 10 ³)	WT	5.9±1.7	6.1±2	8.8±3.9	12.7±2.9	
	<i>Pou2f3</i> ^{-/-}	3.7±1.2	11.2±4.4	7.7±2.1	9.3±2.7	
Peyer's patches	B cells (CD19 ⁺) (x 10 ⁶)	WT	2.8±0.5	0.9±0.3*	1.8±0.4	2.3±0.3
		<i>Pou2f3</i> ^{-/-}	2.9±0.5	1.1±0.5*	2.4±0.8	2.3±0.4
	Cytotoxic T cells (CD8 ⁺) (x 10 ⁵)	WT	1.3±0.3	0.5±0.2	0.9±0.3	1.1±0.2
		<i>Pou2f3</i> ^{-/-}	1.2±0.2	0.5±0.2	1.2±0.4	1.5±0.4
	T helper cells (CD4 ⁺) (x 10 ⁶)	WT	0.4±0.1	0.2±0.1*	0.3±0.1	0.4±0.1
		<i>Pou2f3</i> ^{-/-}	0.4±0.1	0.2±0.1	0.4±0.1	0.4±0.1
Tbet ⁺ CD4 ⁺ T cells (x 10 ⁴)	WT	0.5±0.2	0.2±0.2	0.3±0.2	0.7±0.2	
	<i>Pou2f3</i> ^{-/-}	0.6±0.2	0.8±0.4	0.9±0.4	0.7±0.3	
RORγT ⁺ CD4 ⁺ T cells (x 10 ³)	WT	5.2±1.5	1.4±0.5	2.9±1.3	4.5±0.8*	
	<i>Pou2f3</i> ^{-/-}	4.3±0.7	1.9±0.8	3.9±0.8	1.7±0.5	
Spleen	B cells (CD19 ⁺) (x 10 ⁶)	WT	44.6±5.7	30.4±6.1	38.3±6.8	50.2±8.7
		<i>Pou2f3</i> ^{-/-}	40.5±5.8	26±5.2	26±5.2	37.8±2.5
	Cytotoxic T cells (CD8 ⁺) (x 10 ⁵)	WT	76.5±7.5	65.9±14.1	89.8±16.7	112.9±19.2
		<i>Pou2f3</i> ^{-/-}	114.4±27.8	52±9.9	52±9.9	85.9±7.2
	T helper cells (CD4 ⁺) (x 10 ⁶)	WT	12.7±1.3	10±2.2	14.3±3.3	19.4±3.6
		<i>Pou2f3</i> ^{-/-}	13.4±2.2	7±1.6	7±1.6	12.4±2
	Gata3 ⁺ CD4 ⁺ T cells (x 10 ⁴)	WT	1.6±0.4	0.9±0.4	5.4±1.6	2.8±0.5
		<i>Pou2f3</i> ^{-/-}	2.1±0.6	0.8±0.3	0.8±0.3	0.9±0.4
Foxp3 ⁺ CD4 ⁺ T cells (x 10 ⁵)	WT	17.4±2.1	12.9±3	17.2±3.8	23.5±3.9	
	<i>Pou2f3</i> ^{-/-}	18.5±4.8	8.8±2	8.8±2	13.6±2.3	
Tbet ⁺ CD4 ⁺ T cells (x 10 ⁴)	WT	18.5±8.6	17.6±4.6	21.6±2.8	16.4±4.4	
	<i>Pou2f3</i> ^{-/-}	22.3±5.2	6.3±1.3	6.3±1.3	10±1.7	
RORγT ⁺ CD4 ⁺ T cells (x 10 ³)	WT	10.2±3.7	18.2±8.6	13.1±4.7	10.7±3.9	
	<i>Pou2f3</i> ^{-/-}	17.7±5.3	12.8±6	12.8±6	5.7±1.8	