

Supplemental Table S6. Colon LPL Flow Cytometry at 2 and 7 dpi.

Timepoint	Cell type	Gated on	Control	X31 _{mod}	X31 _{hi}	p-value	Test	Statistic
2 dpi (% subset)	CD45+CD4+	ROR γ t+	55.6 $\pm$ 1.57	56.9 $\pm$ 2.82	60.6 $\pm$ 1.50	0.24	One-way	F(2, 18) = 1.56
		IL-17A+	13.3 $\pm$ 0.82	13.5 $\pm$ 1.80	11.9 $\pm$ 1.31	0.70	One-way	F(2, 18) = 0.36
		IL-17F+	3.04 $\pm$ 0.27	2.59 $\pm$ 0.28	1.89 $\pm$ 0.27	0.03	One-way	F(2, 18) = 4.39
		IFN- γ +	8.45 $\pm$ 0.99	6.49 $\pm$ 0.54	6.28 $\pm$ 0.99	0.18	One-way	F(2, 18) = 1.89
		Tbet+	4.83 $\pm$ 1.31	4.22 $\pm$ 0.95	3.79 $\pm$ 0.55	0.76	One-way	F(2, 18) = 0.28
		ROR γ t+IL-17A+	11.9 $\pm$ 0.76	12.3 $\pm$ 1.89	11.2 $\pm$ 1.10	0.86	One-way	F(2, 18) = 0.15
		ROR γ t+IL-17F+	2.64 $\pm$ 0.24	2.21 $\pm$ 0.25	1.65 $\pm$ 0.20	0.02	One-way	F(2, 18) = 4.65
		RORgt+IFN- γ +	3.18 $\pm$ 0.49	2.71 $\pm$ 0.29	2.40 $\pm$ 0.29	0.34	One-way	F(2, 18) = 1.14
		Tbet+ROR γ t+	1.43 $\pm$ 0.38	1.30 $\pm$ 0.32	1.15 $\pm$ 0.20	0.81	One-way	F(2, 18) = 0.21
		Tbet+IFN- γ +	1.22 $\pm$ 0.46	0.97 $\pm$ 0.27	0.62 $\pm$ 0.11	0.66	K-W	H(2) = 0.89
	CD45+CD4+ROR γ t+	Tbet+	2.47 $\pm$ 0.65	2.39 $\pm$ 0.69	1.92 $\pm$ 0.33	0.77	One-way	F(2, 18) = 0.26
		IL-17A+	21.4 $\pm$ 1.16	20.9 $\pm$ 2.45	18.5 $\pm$ 1.73	0.51	One-way	F(2, 18) = 0.69
		IL-17F+	4.83 $\pm$ 0.44	3.90 $\pm$ 0.47	2.75 $\pm$ 0.39	0.01	One-way	F(2, 18) = 5.81
		IFN- γ +	5.82 $\pm$ 0.92	4.92 $\pm$ 0.51	4.06 $\pm$ 0.50	0.21	One-way	F(2, 18) = 1.73
		IL-17A+ IFN- γ +	2.81 $\pm$ 0.45	2.41 $\pm$ 0.35	1.83 $\pm$ 0.30	0.20	One-way	F(2, 18) = 1.76
	CD45+CD4+Tbet+	ROR γ t+	28.6 $\pm$ 5.05	29.4 $\pm$ 2.61	31.1 $\pm$ 3.00	0.88	One-way	F(2, 18) = 0.13
		IL-17A+	5.34 $\pm$ 1.63	5.51 $\pm$ 1.77	3.99 $\pm$ 1.19	0.75	One-way	F(2, 18) = 0.29
		IL-17F+	1.26 $\pm$ 0.63	1.36 $\pm$ 0.62	2.44 $\pm$ 1.04	0.71	K-W	H(2) = 0.75
		IFN- γ +	21.6 $\pm$ 3.88	25.0 $\pm$ 2.37	17.1 $\pm$ 1.87	0.17	One-way	F(2, 18) = 1.94
7 dpi (% subset)	CD45+CD4+	ROR γ t+	60.7 $\pm$ 1.89	57.8 $\pm$ 2.15	49.5 $\pm$ 2.99	0.007	One-way	F(2, 26) = 5.99
		IL-17A+	14.7 $\pm$ 1.37	13.3 $\pm$ 1.28	11.3 $\pm$ 1.10	0.16	One-way	F(2, 26) = 1.99
		IL-17F+	2.01 $\pm$ 0.14	0.93 $\pm$ 0.11	0.84 $\pm$ 0.11	0.001	One-way	F(2, 26) = 29.5
		IFN- γ +	5.60 $\pm$ 0.78	4.59 $\pm$ 0.58	4.66 $\pm$ 0.77	0.48	K-W	H(2) = 1.48
		Tbet+	1.45 $\pm$ 0.31	1.78 $\pm$ 0.33	1.59 $\pm$ 0.24	0.73	One-way	F(2, 26) = 0.32
		ROR γ t+IL-17A+	14.2 $\pm$ 1.35	12.2 $\pm$ 1.11	9.50 $\pm$ 1.09	0.03	One-way	F(2, 26) = 4.02
		ROR γ t+IL-17F+	1.68 $\pm$ 0.13	0.78 $\pm$ 0.11	0.55 $\pm$ 0.12	0.001	One-way	F(2, 26) = 24.99
		RORgt+IFN- γ +	2.32 $\pm$ 0.33	1.46 $\pm$ 0.24	1.50 $\pm$ 0.22	0.03	K-W	H(2) = 6.73
		Tbet+ROR γ t+	0.40 $\pm$ 0.09	0.54 $\pm$ 0.18	0.43 $\pm$ 0.09	0.96	K-W	H(2) = 0.09
		Tbet+IFN- γ +	0.32 $\pm$ 0.11	0.24 $\pm$ 0.07	0.13 $\pm$ 0.05	0.33	K-W	H(2) = 2.22
		Tbet+	0.77 $\pm$ 0.16	0.51 $\pm$ 0.10	0.88 $\pm$ 0.19	0.30	K-W	H(2) = 2.42
		IL-17A+	23.2 $\pm$ 2.17	21.2 $\pm$ 2.04	20.5 $\pm$ 3.03	0.71	One-way	F(2, 26) = 0.34

	CD45+CD4+ROR γ t+	IL-17F+	2.91 $\pm$ 0.16	1.43 $\pm$ 0.19	1.27 $\pm$ 0.27	0.001	One-way	F(2, 26) = 18.55
		IFN- γ +	3.13 $\pm$ 0.21	2.50 $\pm$ 0.45	3.04 $\pm$ 0.50	0.21	K-W	H(2) = 3.09
		IL-17A+ IFN- γ +	1.69 $\pm$ 0.15	1.37 $\pm$ 0.28	1.69 $\pm$ 0.29	0.60	One-way	F(2, 25) = 0.52
	CD45+CD4+Tbet+	ROR γ t+	35.5 $\pm$ 4.55	27.8 $\pm$ 4.84	25.9 $\pm$ 4.88	0.33	One-way	F(2, 26) = 1.17
		IL-17A+	9.33 $\pm$ 2.84	3.55 $\pm$ 1.59	4.22 $\pm$ 1.85	0.22	K-W	H(2) = 2.30
		IL-17F+	1.97 $\pm$ 0.86	1.33 $\pm$ 0.61	0.00 $\pm$ 0.00	0.05	K-W	H(2) = 5.89
		IFN- γ +	21.4 $\pm$ 3.82	15.3 $\pm$ 3.73	9.39 $\pm$ 3.18	0.07	One-way	F(2, 26) = 2.90
2 dpi (absolute counts)	CD45+CD4+	ROR γ t+	43.1 $\pm$ 1.55	36.5 $\pm$ 4.03	50.7 $\pm$ 8.17	0.22	B-F + W	F*(2, 9.25) = 1.77
		IL-17A+	10.3 $\pm$ 0.71	8.66 $\pm$ 1.46	9.52 $\pm$ 1.47	0.67	One-way	F(2, 18) = 0.40
		IL-17F+	2.35 $\pm$ 0.21	1.72 $\pm$ 0.28	1.68 $\pm$ 0.42	0.27	One-way	F(2, 18) = 1.40
		IFN- γ +	6.46 $\pm$ 0.67	4.33 $\pm$ 0.78	5.31 $\pm$ 1.19	0.28	One-way	F(2, 18) = 1.38
		Tbet+	3.69 $\pm$ 0.97	2.87 $\pm$ 0.89	3.14 $\pm$ 0.79	0.79	K-W	H(2) = 0.50
		ROR γ t+IL-17A+	9.25 $\pm$ 0.64	7.92 $\pm$ 1.50	8.07 $\pm$ 1.86	0.77	One-way	F(2, 18) = 0.26
		ROR γ t+IL-17F+	2.04 $\pm$ 0.18	1.46 $\pm$ 0.25	1.43 $\pm$ 0.33	0.21	One-way	F(2, 18) = 1.69
		ROR γ t+IFN- γ +	2.43 $\pm$ 0.34	1.76 $\pm$ 0.28	2.10 $\pm$ 0.47	0.46	One-way	F(2, 18) = 0.81
		Tbet+ROR γ t+	1.10 $\pm$ 0.29	0.89 $\pm$ 0.29	1.02 $\pm$ 0.29	0.88	One-way	F(2, 18) = 0.13
		Tbet+IFN- γ +	0.93 $\pm$ 0.34	0.43 $\pm$ 0.08	0.49 $\pm$ 0.13	0.74	K-W	H(2) = 0.63
7 dpi (absolute counts)	CD45+CD4+	ROR γ t+	68.0 $\pm$ 6.32	58.3 $\pm$ 4.55	41.9 $\pm$ 7.99	0.04	K-W	H(2) = 6.39
		IL-17A+	17.2 $\pm$ 2.20	13.4 $\pm$ 1.67	9.64 $\pm$ 1.74	0.03	One-way	F(2, 26) = 4.03
		IL-17F+	2.28 $\pm$ 0.64	0.96 $\pm$ 0.14	0.77 $\pm$ 0.17	0.0001	One-way	F(2, 26) = 22.1
		IFN- γ +	6.23 $\pm$ 0.79	4.53 $\pm$ 0.55	3.66 $\pm$ 0.57	0.03	One-way	F(2, 26) = 4.17
		Tbet+	1.68 $\pm$ 0.43	1.79 $\pm$ 0.32	1.30 $\pm$ 0.23	0.66	K-W	H(2) = 0.84
		ROR γ t+IL-17A+	16.0 $\pm$ 2.08	12.3 $\pm$ 1.47	8.16 $\pm$ 1.53	0.01	One-way	F(2, 26) = 5.23
		ROR γ t+IL-17F+	1.86 $\pm$ 0.17	0.80 $\pm$ 0.13	0.55 $\pm$ 0.14	0.0001	One-way	F(2, 26) = 23.0
		ROR γ t+IFN- γ +	2.27 $\pm$ 0.26	1.40 $\pm$ 0.19	1.19 $\pm$ 0.22	0.006	One-way	F(2, 25) = 6.37
		Tbet+ROR γ t+	0.48 $\pm$ 0.12	0.54 $\pm$ 0.17	0.35 $\pm$ 0.07	0.85	K-W	H(2) = 0.33
		Tbet+IFN- γ +	0.34 $\pm$ 0.11	0.24 $\pm$ 0.07	0.14 $\pm$ 0.05	0.22	One-way	F(2, 26) = 1.58

Flow cytometric analysis of colonic lamina propria lymphocytes (LPLs) at 2 and 7 dpi. IAV = influenza A virus, dpi = days post-inoculation, X31_{mod} = IAV-X31 10³ TCID₅₀, X31_{hi} = IAV-X31 10⁴ TCID₅₀. One-way ANOVA is the default statistical test unless residuals fail to meet normality (use K-W = Kruskal-Wallis) or homogeneity of variance (use B-F + W = Brown-Forsythe + Welch). Data are means $\pm$ SEM; bold font = p < 0.05, 2 dpi n = 7, 7 dpi n = 9-10 per treatment group.