

Supplementary table 1: Concentrations (pg/mg total protein) of cytokines in the lungs and spleen of male and female hamsters at different days post infection (dpi). Mock-infected animal samples from 2, 4, or 7 dpi were pooled and used as 0 dpi. Data are presented as the mean \pm the standard error of the mean from one or two independent experiments (n=6-12/group) with no significant differences observed between the groups based on two-way ANOVA (mixed-effects analysis) followed by Bonferroni's multiple comparison test.

DPI	Groups	IL-10 Lungs	TNF- α Spleen	IL-6 Spleen	IL- β Spleen	IL-10 Spleen	IFN- α Spleen	IFN- β Spleen	IFN- γ Spleen
0	Male	28.3 \pm 4.4	8.5 \pm 2.5	30.7 \pm 6.8	26.0 \pm 10.0	23.2 \pm 5.0	3.9 \pm 0.6	8.4 \pm 3.1	126.3 \pm 30.1
	Female	35.9 \pm 6.7	6.9 \pm 2.5	16.2 \pm 4.0	13.6 \pm 5.0	12.6 \pm 3.3	2.9 \pm 0.6	7.4 \pm 2.7	106.7 \pm 24.6
	Combined	31.8 \pm 3.9	7.8 \pm 1.7	24.1 \pm 4.5	20.4 \pm 6.0	18.4 \pm 3.4	3.5 \pm 0.4	8.0 \pm 2.0	117.4 \pm 19.1
2	Male	48.6 \pm 11.3	13.0 \pm 2.7	78.2 \pm 50.2	10.1 \pm 5.2	65.4 \pm 41.2	8.0 \pm 1.2	17.3 \pm 6.5	277.3 \pm 78.2
	Female	43.2 \pm 7.2	28.7 \pm 8.8	38.6 \pm 8.6	10.5 \pm 3.0	30.6 \pm 7.6	7.1 \pm 1.1	27.3 \pm 6.7	177.2 \pm 42.0
	Combined	45.9 \pm 6.3	20.9 \pm 5.2	58.4 \pm 24.7	10.3 \pm 2.8	48 \pm 20.5	7.6 \pm 0.8	22.3 \pm 4.7	227.2 \pm 45.2
4	Male	38.5 \pm 7.4	31.5 \pm 19.1	18.9 \pm 1.8	11.2 \pm 5.0	862.7 \pm 847.7	9.5 \pm 5.6	37.5 \pm 23.6	222.8 \pm 156.3
	Female	34.7 \pm 6.9	3.4 \pm 1.1	775.5 \pm 756.7	6.7 \pm 2.7	74.4 \pm 61.1	3.8 \pm 1.4	3.6 \pm 3.2	197.0 \pm 110.9
	Combined	36.6 \pm 4.7	17.5 \pm 10.3	397.2 \pm 378.4	8.9 \pm 2.8	468.6 \pm 420.7	6.6 \pm 2.9	20.5 \pm 12.7	209.9 \pm 88.9
7	Male	25.0 \pm 4.6	13.0 \pm 9.5	54.6 \pm 41.6	5.1 \pm 2.1	37.4 \pm 27.8	4.3 \pm 1.6	14.0 \pm 6.4	189.8 \pm 95.6
	Female	22.2 \pm 6.2	20.5 \pm 8.4	38.5 \pm 4.8	7.2 \pm 1.9	29.9 \pm 3.0	6.3 \pm 1.2	20.9 \pm 5.1	168.4 \pm 21.6
	Combined	23.1 \pm 4.1	17.3 \pm 6.0	45.4 \pm 16.3	6.3 \pm 1.4	33.1 \pm 10.7	5.5 \pm 1.0	18.0 \pm 3.9	177.6 \pm 38.2