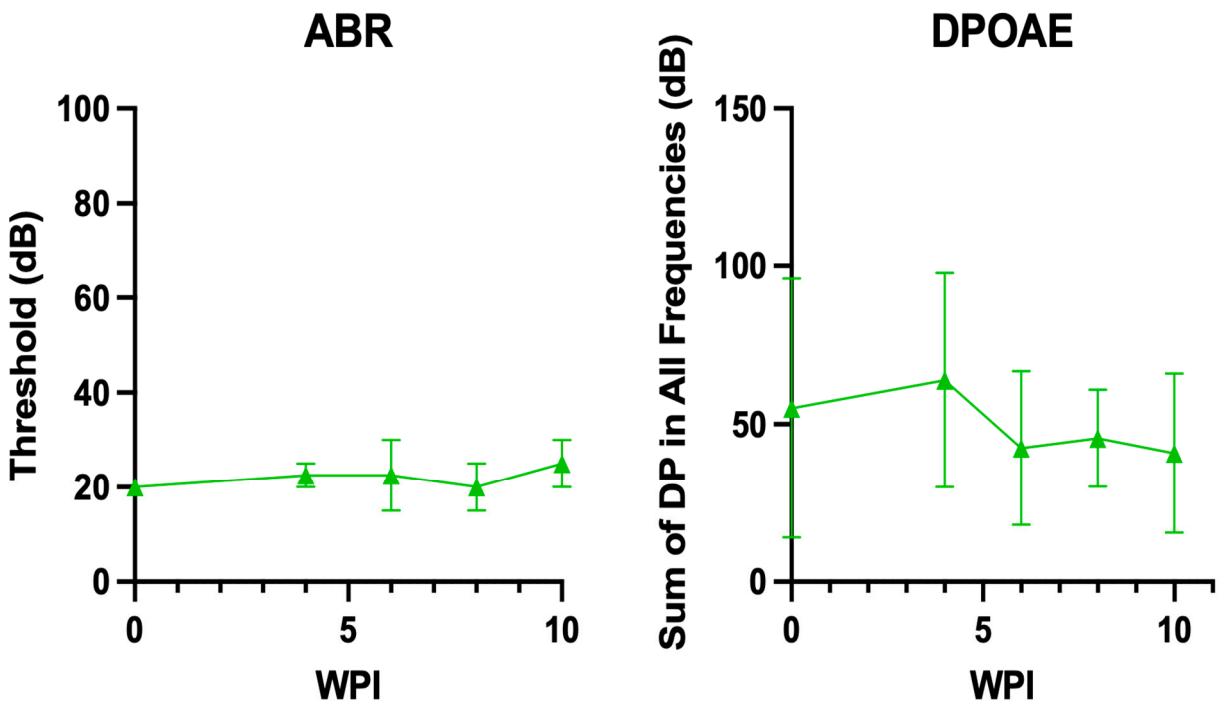


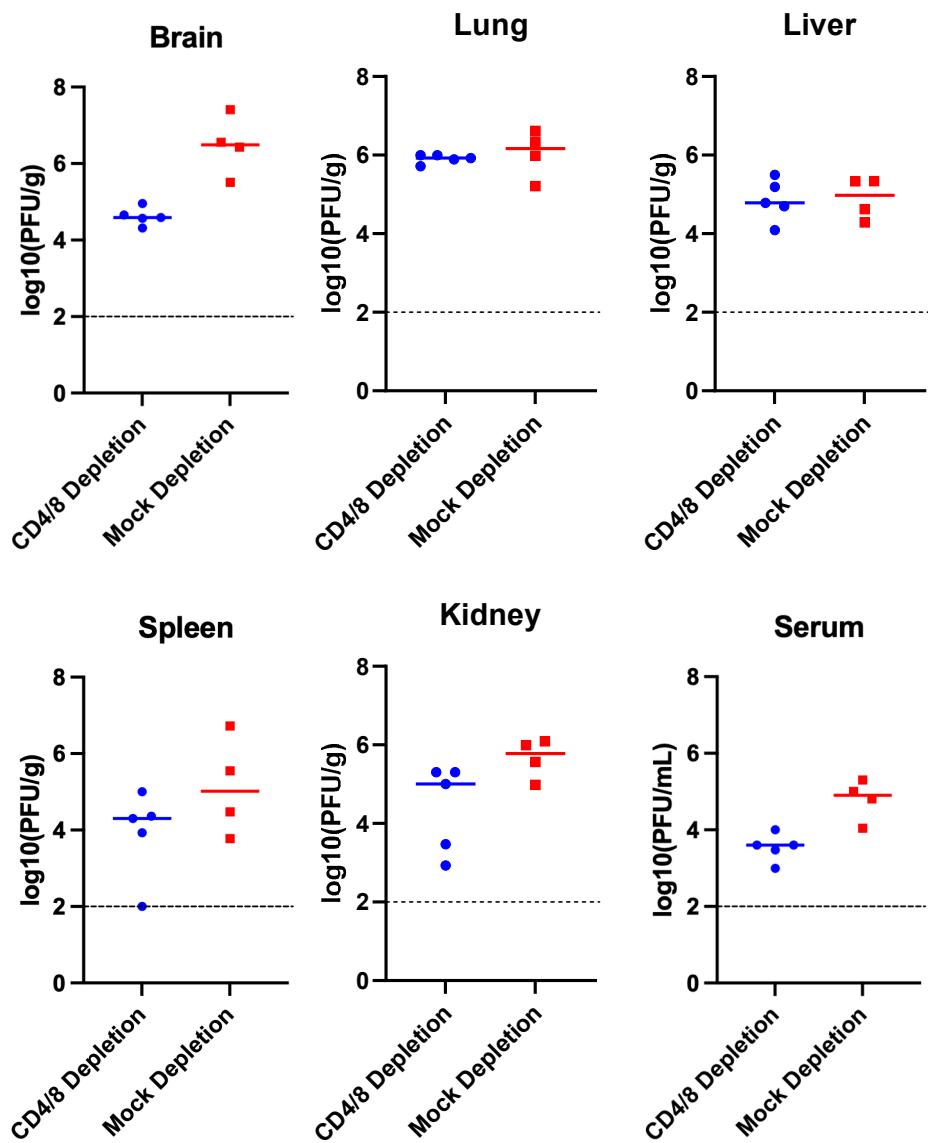
## SUPPLEMENTAL FIGURES AND TABLES

**Table S1. Viral dissemination of ML29 in STAT1<sup>-/-</sup> mice.** LD: lower than the limit of detection (<2.00). NT: not tested.

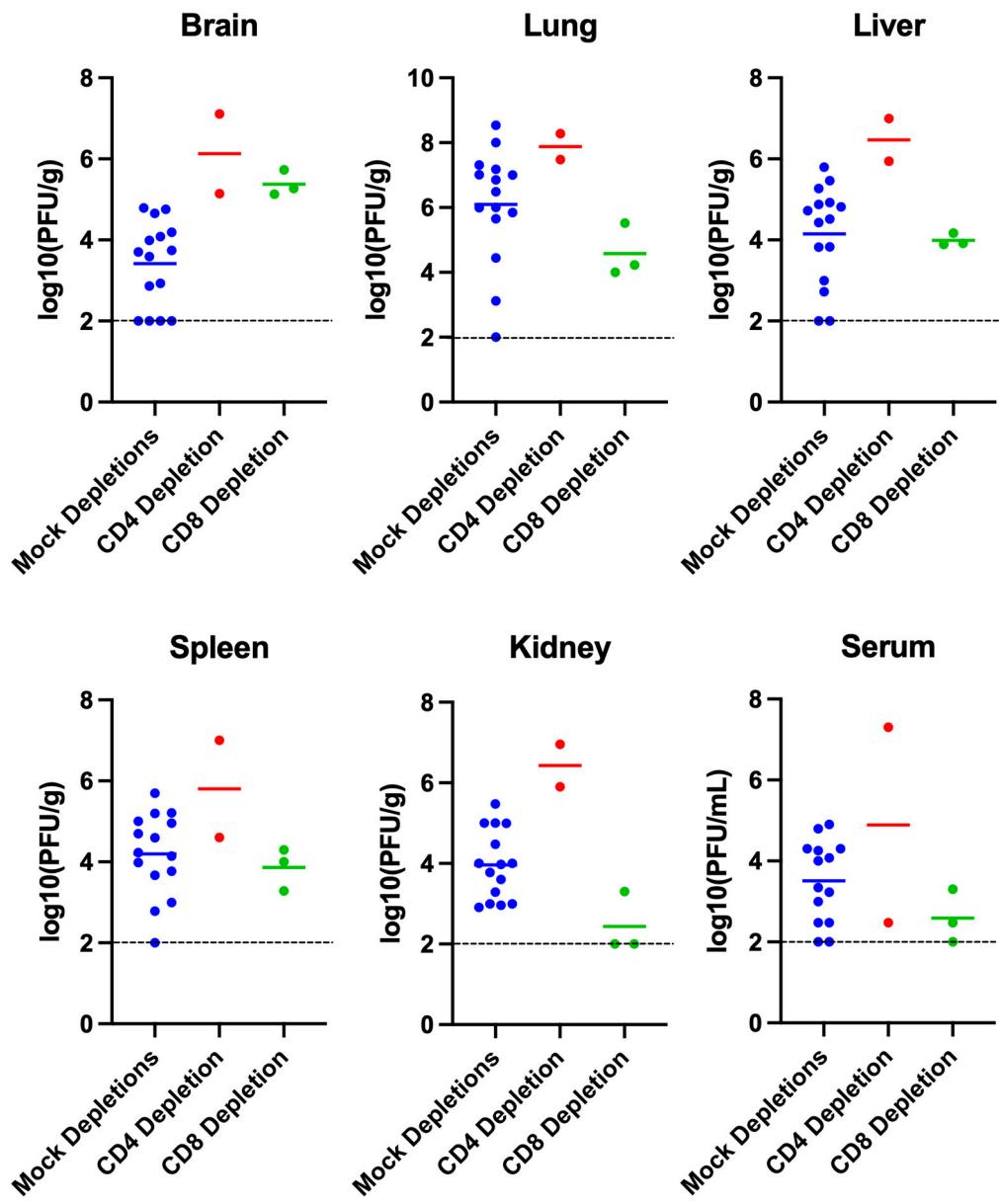
Animal ID	Inoculation dose	Sampling day (DPI)	Virus titer				
			Brain	Lung	Liver	Spleen	(log <sub>10</sub> PFU/ml)
M01	$10^5$ PFU	14	6.38	6.41	5.70	5.01	5.96
M02		16	6.69	6.32	5.48	6.00	6.00
M04		15	5.03	3.00	LD	LD	3.60
M05		16	5.94	LD	3.30	LD	LD
M06		10	LD	4.00	LD	2.88	LD
M07	$10^4$ PFU	10	LD	6.93	3.40	3.40	3.67
M08		15	5.91	5.67	4.96	3.78	5.48
M09		10	LD	5.00	2.91	LD	LD
M10		19	LD	LD	LD	LD	LD
M11		70	LD	LD	LD	LD	LD
M12	$10^3$ PFU	11	5.51	7.99	4.98	5.44	5.00
M13		11	LD	4.30	4.21	3.89	3.00
M14		13	3.00	6.12	3.41	LD	LD
M15		19	5.24	LD	LD	LD	LD
M16		13	2.81	6.20	LD	LD	3.00
M17	$10^2$ PFU	15	4.85	LD	LD	LD	2.30
M18		13	2.76	6.72	4.49	LD	5.67
M19		14	LD	LD	LD	2.93	LD
M21		14	4.45	6.68	3.13	3.83	4.48
M22		13	LD	5.60	LD	LD	4.34
M23	$10^1$ PFU	13	2.62	6.00	LD	3.22	LD
M24		13	4.61	4.00	LD	LD	3.00
M25		21	6.80	3.78	LD	3.60	6.08
M26		13	2.64	6.11	3.00	2.85	3.00
M27		12	5.99	8.70	6.00	6.23	5.85
M28	$10^0$ PFU	10	3.65	7.30	5.15	7.00	3.60
M29		11	4.19	8.60	6.10	5.34	5.48
M30		11	5.69	7.28	5.90	6.30	6.00



**Supplemental Figure S1. No hearing loss is detected in the STAT1<sup>-/-</sup> mouse surviving inoculation with  $10^3$  PFU of ML29 through 10wpi.** Data presented as average  $\pm$  SEM.  $n = 2$ .



**Supplemental Figure S2. ML29-inoculated STAT1<sup>-/-</sup> mice depleted of CD4 and CD8 T cells develop a systemic infection with persistent viremia through the end of the study, 82 dpi.** On the contrary, mock depleted mice inoculated with ML29 develop a systemic infection. Data are plotted as individual values with the mean.  $10^4$ ,  $10^3$ ,  $10^1$ , and  $10^0$  PFU  $n = 5$ ;  $10^5$  and  $10^2$  PFU  $n = 4$ . All samples were collected at time of euthanasia, at 82dpi for CD4/CD8 T cell-depleted mice and between 13 and 17 dpi. Dashed line indicates lower limit of detection.



**Supplemental Figure S3. STAT1<sup>-/-</sup> mice depleted of CD8 T cells succumbing to ML29 infection trend lower systemic viral titers than their CD4 T cell-depleted counterparts.** Individual values plotted with mean.  $n = 14$  (serum)  $n = 15$  (organ) Mock Depletions;  $n = 3$  CD8 Depletion;  $n = 2$  CD4 Depletion. Dashed line indicates lower limit of detection.