

Cytokine (pg/mL)	16C176		16C215		16C116	
	Day 0	Day 4	Day 0	Day 7	Day 0	Day 7
GM-CSF	0.32	7.005	0	67.61	0.63	1.575
IL-6	0.185	6489.895	0.08	0.935	0	0
IL-17A	0.145	2.525	0	0.29	0.09	0.29
MIP-1a	1.475	16.35	0	7.24	6.01	9.075
MIP-1B	0	21.31	0	8.16	0	0
MCP-1	172.05	2781.83	215.905	251.03	324.04	319.73
IL-5	1.02	3.89	0	0.79	1.02	5.07
VEGF	23.65	190.94	0	59.955	0	0
IFN-r	0	0	0	0	0	0
TNF- α	6.885	73.985	0	0	0	6.96
IL-4	0.645	62.75	0	0	7.865	30.315
IL-8	47.04	8665.465	27.635	36.695	26.9	30.1
TGF α	0	46.43	0	0.065	0	0.025
G-CSF	0	96.76	0	29.825	0	5.115
IL-2	24.055	102.42	23.22	35.215	26.515	27.05
IL-10	15.565	199.95	5.255	26.43	12.215	20.975
IL-15	4.37	57.94	6.85	8.385	4.93	6.71
IL-1ra	18.04	4234.035	14.725	36.205	19.54	19.84
IL-13	0	24.34	0	0	0	6.955
IL-1B	0.24	13.43	0	0.895	0.08	0.405
IL-12/23 p40	0	63.805	0	21.75	0	0
sCD40L	83.095	105.935	27.91	112.87	189.425	272.79
IL-18	72.485	781.91	31.9	34.955	34.39	5.77
TGF β 1	4371.71	11174.16	2014.92	4011.59	8135.14	10038.39
TGF β 2	1358.78	3831.6	723.86	1166.23	1692.82	2129.52
TGF β 3	0	33.53	0	0	0	0

Table S3. Serum cytokines in NHPs following AAV treatment. Cytokines were measured in samples collected at baseline and at necropsy (Study Day 4, 16C176) or Study Day 7 (16C116, 16C215).