

SUPPLEMENTARY MATERIAL: Table S1. Summary of IFN- γ responses monitored by antigen-specific ELISpot

Experimental group and vector dose	Dog ID	IFN- γ response to the AAV capsid				IFN- γ response to cFIX
		2 Weeks	4 Weeks	8 Weeks	12 Weeks	Multiple time points
A - Low dose IS: 1 x 10 ¹² vg/kg	I04	-	-	Negative	-	Negative
	I05	-	-	Negative	-	Negative
	J04	-	-	Negative	-	Negative
B - Mid dose IS: 3 x 10 ¹² vg/kg	I07	-	-	Negative	-	Negative
	H34	Negative	-	Negative	Negative	Negative
	H48	-	-	Negative	-	Negative
C - High dose IS: 8.5 x 10 ¹² vg/kg	H24	-	-	Negative	-	Negative
	M25	-	-	Negative	-	Negative
D - Mid dose no IS: 3 x 10 ¹² vg/kg	J03	Negative	Negative	Negative	-	Negative
	J62	Negative	-	Negative	Negative	Negative
E - Mid dose IM no IS: 3 x 10 ¹² vg/kg	M14	-	Negative	Negative	-	Negative
	M24	Negative	Negative	Negative	-	Negative
F - Mid dose AAV-6 IS: 3 x 10 ¹² vg/kg	M13	-	-	Negative	Negative	Negative
	M20	-	-	Negative	Negative	Negative
AAV-1-null IM no IS: 2 x 10 ¹² vg/kg	J53	Negative	Negative	Negative	Negative	n/a