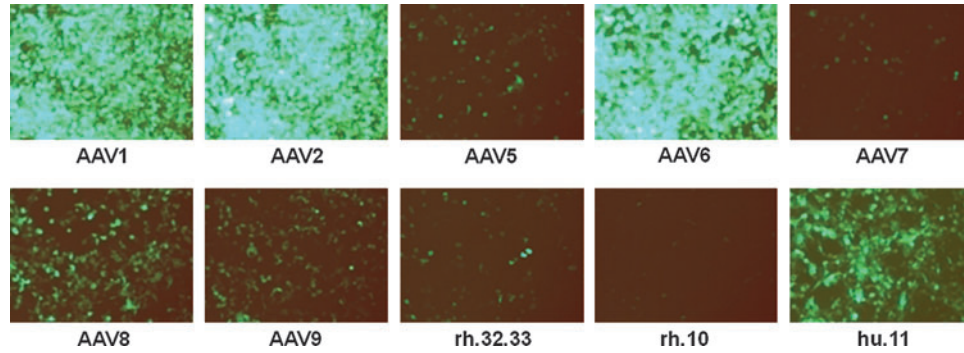


Supplementary Data



SUPPLEMENTARY FIG. S1. *In vitro* transduction efficiency by different AAV serotypes and isolates. AAV vectors expressing CMV.EGFP.WPRE were inoculated on confluent HEK293 cells at an MOI of 10^4 GC for 48 hr, after which micrographs under direct fluorescence were taken at identical exposure settings for all vectors.

SUPPLEMENTARY TABLE 1. ANTI-AAV8 TOTAL IGG IN THE MACAQUES BEFORE VECTOR ADMINISTRATION

<i>Species</i>	<i>Animal no.</i>	<i>AAV8 NAb (1: dilution)</i>	<i>Anti-AAV8 IgG (1: dilution)</i>	
Cynomolgus (adult)	02-07	<1:5	1:100	
	086-356	<1:5	1:200	
	086-367	<1:5	1:1600	
	C13991	<1:5	1:100	
	C13992	<1:5	1:100	
	C11722	1:5	1:400	
	054-1040	1:10	1:800	
	04-01	1:10	1:400	
Rhesus (adult)	02C068	<1:5	1:200	
	03D099	<1:5	<1:100	
	03D233	<1:5	1:400	
	03D352	1:5	1:400	
	02D276	1:20	1:3200	
	03C041	1:40	1:3200	
	21537	1:80	1:6400	
	03C113	1:80	1:6400	
	Rhesus (juvenile)	RQ8082	<1:5	1:400
		RQ8086	<1:5	1:200
RQ8083		<1:5	1:400	
RQ8085		1:10	1:400	
RQ8124		1:20	1:3200	