

Supplementary Table S2. Summary of the relative production screen results for the four vectors

<i>Number of MWs in producer class^a</i>	<i>AAV8/FVIII-5.1</i>	<i>AAVrh8R/FVIII-5.1</i>	<i>AAVrh8R/FVIII-5.4</i>	<i>AAV8/SEAP-4.3^b</i>
High ($>1 \times 10^{10}$)	4	1	1	7
Medium (1×10^9 to 1×10^{10})	6	7	15	29
Low (1×10^8 to 1×10^9)	21	10	23	34
Very low (1×10^7 to 1×10^8)	27	32	40	74
% High	1.2	0.3	0.2	3.3
% Positive ($>1 \times 10^7$)	17.6	13.5	19.1	68.1
% Negative ($<1 \times 10^7$)	82.4	86.5	80.8	31.9
Total screened	329	371	412	213

^aClassification based on productivity (vg/mL) measured by qPCR using FVIII-A2 primer/probe set.

^bStandard-sized vector (4.3 kb) with SEAP and packaged into AAV8 capsids shown for comparison.