A

AAVrh8R (PCL 5.1)
S value	%
66S	55%
79S	7%
88S	11%
102S	26%

AAVrh8R
S value	%
64S	56%
82S	6%
91S	12%
103S	26%

AAVrh8R (PCL 5.1)
S value	%
66S	51%
80S	9%
90S	11%
104S	30%

AAV8
S value	%
65S	63%
85S	15%
102S	22%

TXN 5.1 (AAVrh8R)
S value	%
63S	71%
77S	8%
85S	4%
91S	5%
101S	13%

S value	%
63S	76%
79S	6%
90S	6%
101S	12%

B

Capsid	AAVrh8R							AAV8
Production	PCL 5.1	PCL 5.1	PCL 5.1	TXN 5.1	TXN 5.1	PCL 5.4	TXN 5.4	PCL 5.1
% virus with VGs	44	44	49	30	24	25	23	37
% virus with ≥ 4.7 kb VGs	26	26	30	13	12	17	9	22

Supplementary Figure S3. rAAV/FVIII vector lot characterization by AUC analysis. (**A**) AUC analysis for the 5.1 kb FVIII vectors generated by the PCL and TXN methods. All three rAAVrh8R and one AAV8 lots produced by the PCL method and two lots produced by TXN method for the 5.1 kb FVIII vector are shown. The insert shows the vector sedimentation value (S) and percentage (%) for each peak. The empty virion (EV) peak has an S value of 63–64, while virions with 4.7 kb vector genomes are typically 100S–103S. (**B**) Summary of AUC analysis for all 5.1 and 5.4 kb vectors generated. The sum of VG containing particles and the portion of particles containing VGs with ≥4.7 genomes (capsids with ≥99S) are indicated as % of total.