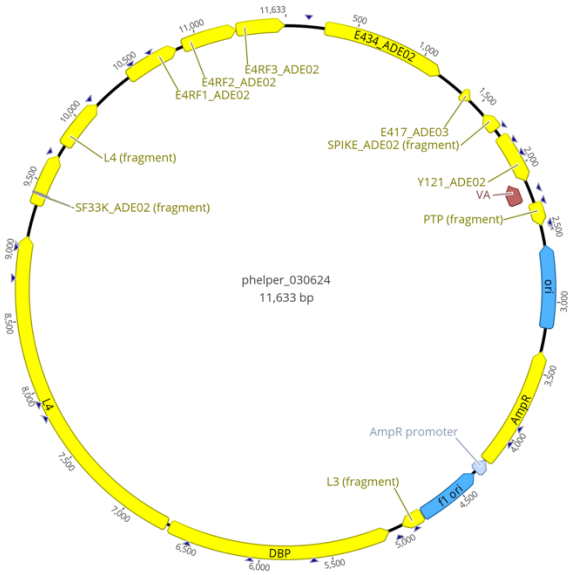
AAV Batch #: ATX001-20241115-scCAG-GFP
Serotype: ATX001
AAV construct: pAAV-scCAG-GFP

Plasmid map:

ATX001(rep/cap):

pHelper:



scCAG-GFP-BC226:

scCAG-GFP-BC234:

scCAG-GFP-BC247:

scCAG-GFP-BC231:

scCAG-GFP-BC227:

scCAG-GFP-BC228:

scCAG-GFP-BC232:

Packaging protocol and Titering:
Barcoded AAVs were purchased commercially from Packgene and diluted in-house. The titers were measured using qPCR AAV titer kit (ABM, catalog# G931), following the manufacturer's protocol.

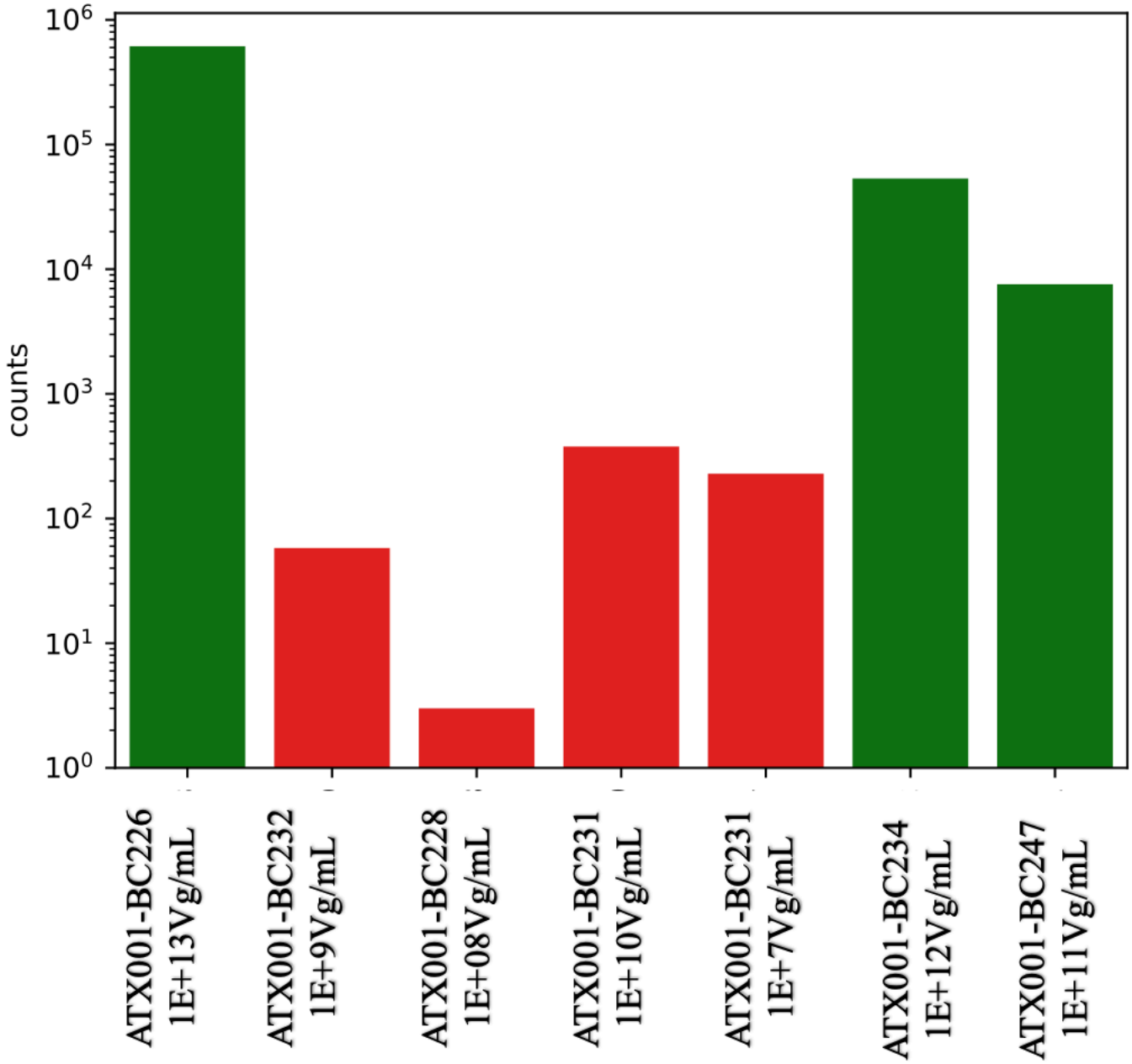
AAV construct	Titer (Vg/mL)
ATX001-CAG-BC226-**GFP**	1.00e+13
ATX001-CAG-BC234-**GFP**	1.59e+12
ATX001-CAG-BC247-**GFP**	2.83e+11
ATX001-CAG-BC231-**GFP**	1.34e+10
ATX001-CAG-BC227-**GFP**	2.10e+9
ATX001-CAG-BC228-**GFP**	1.34e+8
ATX001-CAG-BC232-**GFP**	1.60e+7
Final ATX001 library pool	4.08E+12

Endotoxing levels:
Bacterial endotoxin was detected by gel-clot method. The sample is diluted with water for BET to the maximum dilution factor. Take the sample dilution and mix it with an equal volume of LAL reagent (e.g., 0.1 ml aliquot). Continue incubating the reaction mixture (at 37 ± 1 °C for 60 ± 2 min) without vibration. To test the integrity of the gel, remove each tube directly from the incubator and invert it through approximately 180° in one smooth motion. If a firm gel is formed that remains in place upon inversion, record the result as positive. If no intact gel is formed, the result is negative.

AAV construct	Value (EU/mL)
ATX001-CAG-BC226-**GFP**	<0.2
ATX001-CAG-BC234-**GFP**	<0.2
ATX001-CAG-BC247-**GFP**	<0.2
ATX001-CAG-BC231-**GFP**	<0.2
ATX001-CAG-BC227-**GFP**	<0.2
ATX001-CAG-BC228-**GFP**	<0.2
ATX001-CAG-BC232-**GFP**	<0.2
F**inal ATX001 library pool**	<0.5

Dilution curve analysis:

Final titer of the pooled dilution curve was 4.08E+12 vg/mL. Barcodes from the pooled library were amplified by PCR and then subjected to sequencing on an Illumina iSeq100. Quantification of barcodes revealed the following library balance:


counts
10^6
10^5
10^4
10^3
10^2
10^1
10^0
ATX001-BC226 1E+13Vg/mL
ATX001-BC232 1E+9Vg/mL
ATX001-BC228 1E+08Vg/mL
ATX001-BC231 1E+10Vg/mL
ATX001-BC231 1E+7Vg/mL
ATX001-BC234 1E+12Vg/mL
ATX001-BC247 1E+11Vg/mL