



CERTIFICATE OF ANALYSIS

Purified AAV5-empty (Lot 19-407E)
(for research use only)

Storage Conditions

The AAV vectors should be stored at -80°C for long term usage. When storing for frequent use, 4°C is recommended. Avoid storing at -20°C.

Shelf Life

4 years when stored at -80°C.

Shipping Conditions

Ice packs overnight

Description

AAV5-empty was produced in insect Sf9 cells by infection with rBV-inCap5-inRep-hr2 (V295) (Fig. 2).

The vectors were purified through 2 rounds of CsCl ultracentrifugations. The CsCl was removed through buffer exchange with 2 PD-10 desalting columns. The final AAVs are in 1xPBS+0.001% pluronic F-68 buffer.

The vectors are for research use only, not for any human use.

Capsid Titer

Lot 19-407E: 2E+13 vg/ mL (final diluted)



Quality Control Data

The vectors were sterilized with 0.22µm filter. SDS-PAGE and InstantBlue Staining (Expedeon) verified the purity of the vectors (Fig. 1). OD analysis determined the capsid titers of the AAV samples.

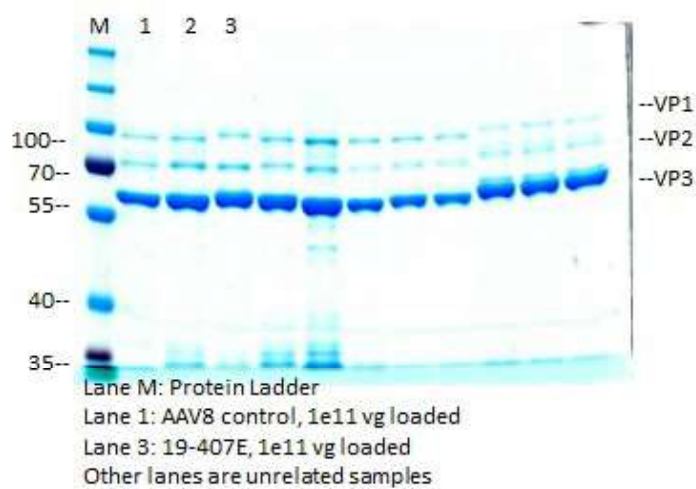


Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV5-empty (Lot: 19-407E).

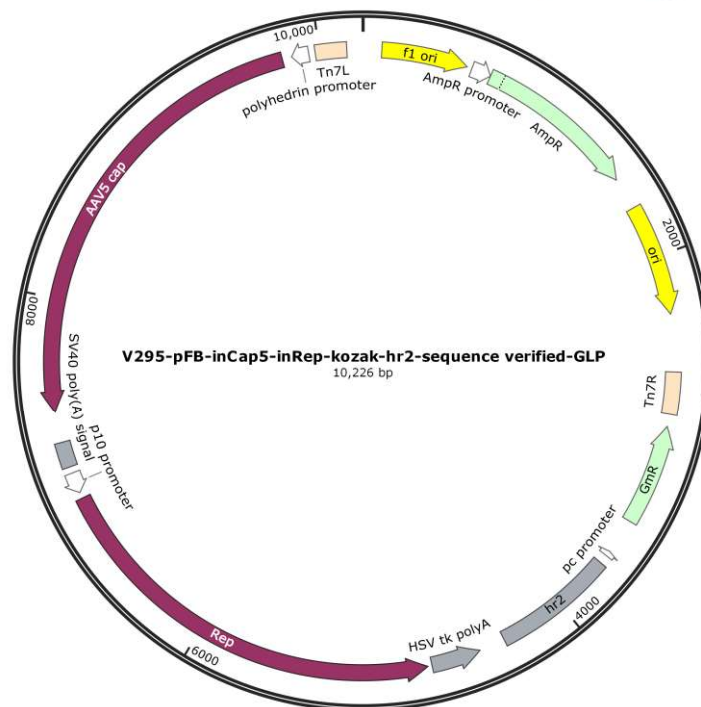


Fig. 2. Diagram of plasmid used to generate rBV- inCap5-inRep-hr2 (V295).

Approved by: *nicky zhou* Friday, November 19, 2021