



CERTIFICATE OF ANALYSIS

Purified AAV9-CMV-GFP (Lot 16-495)

(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

2 years when stored at -80°C.

Shipping Conditions

Wet ice Overnight

Description

AAV9-CMV-GFP was produced in insect Sf9 cells by dual infection with rBV-inCap9-inRep-hr2 (V289) and rBV-CMV-GFP.

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.

QPCR Titer

Lot 16-495: 2E+13 vg/ mL (final diluted)



Quality Control Data

The vectors were sterilized with 0.22 μ m filter. SDS-PAGE and InstantBlue Staining (Expedeon) verified the purity of the vectors (Fig. 1). Real-time PCR analysis determined the titers of the AAV samples.

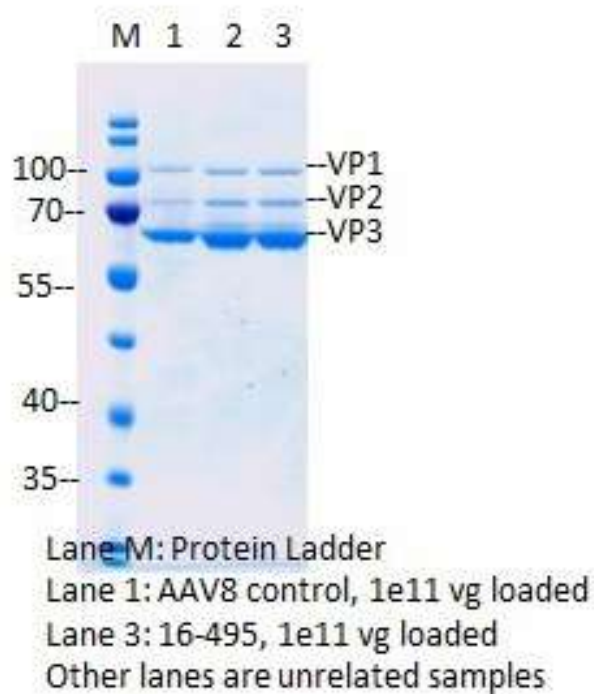


Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV9-CMV-GFP (Lot 16-495).

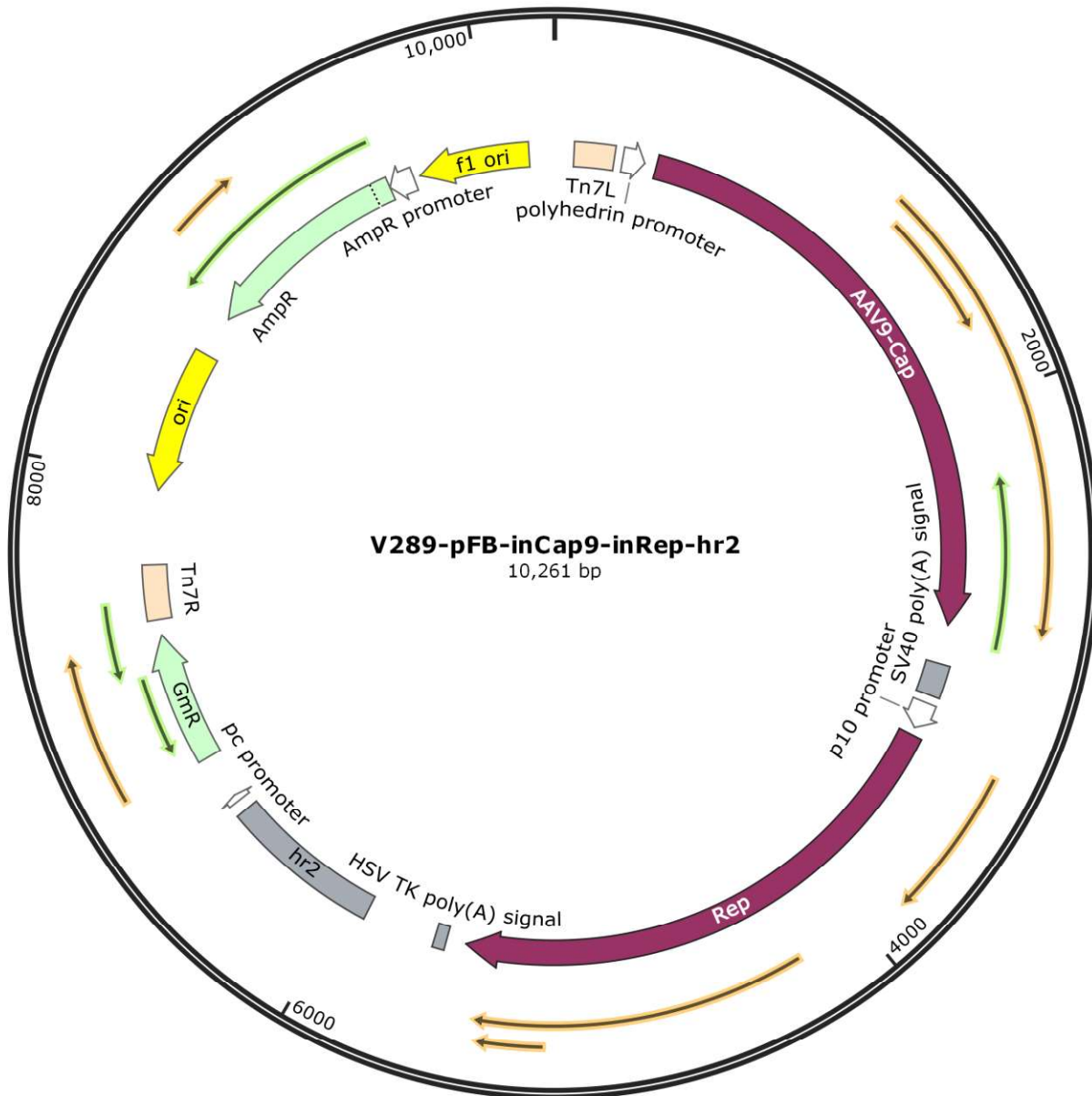


Fig. 2. Diagram of plasmid used to generate rBV- inCap2-inRepOpt-hr2 (V289).

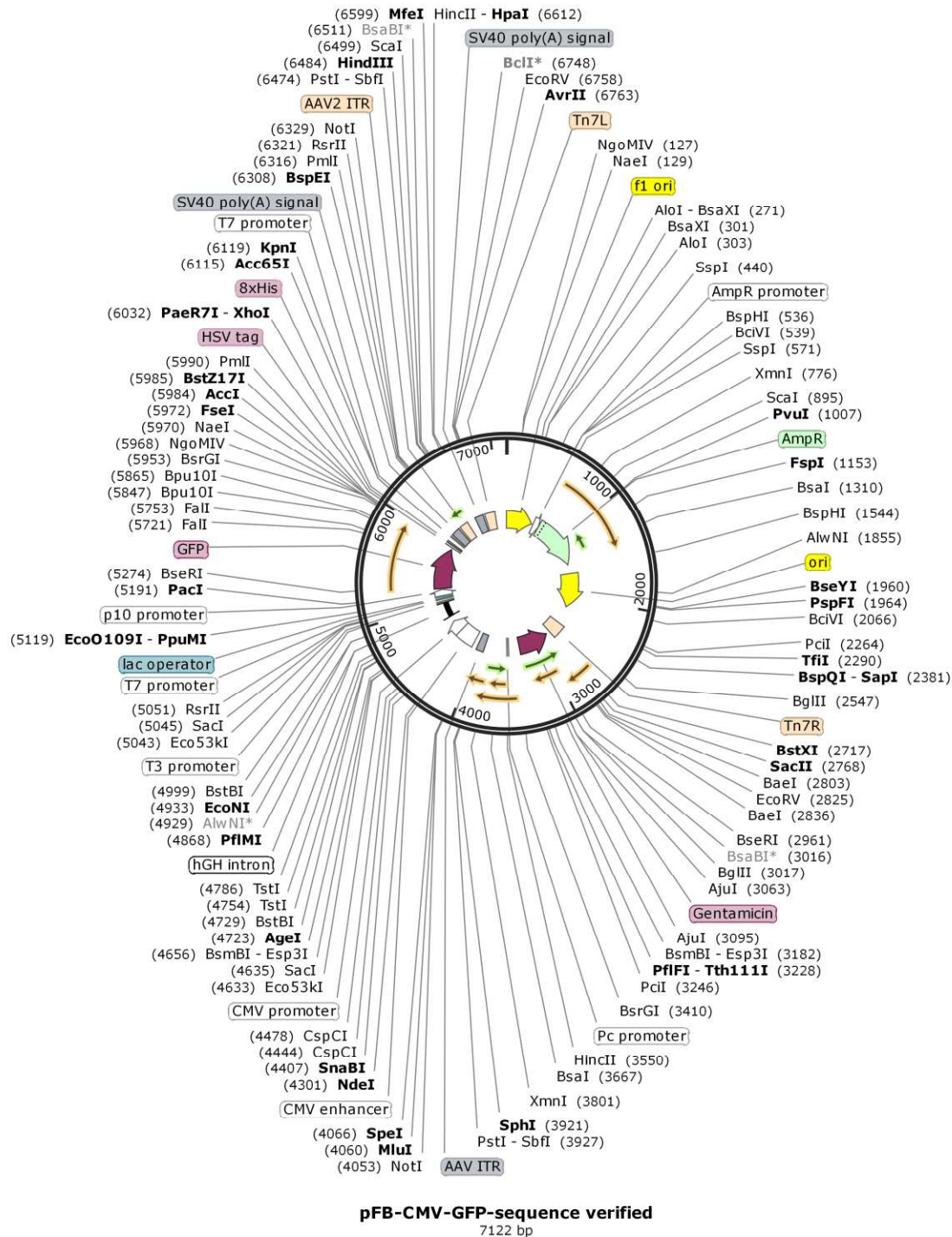


Fig. 3. Diagram of plasmid used to generate rBV- CMV-GFP.

Approved by: nicky zhou Wednesday, November 24, 2021.