VIROVEK

CERTIFICATE OF ANALYSIS

Purified AAV3-CMV-GFP (Lot 20-189)

(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. (AAV)

Shipping Conditions

Ice packs overnight

Description

AAV3-CMV-GFP was produced in insect Sf9 cells by dual infection with rBV-inCap3-inRepCap-kozak (V304) (Fig 1) and rBV-CMV-GFP (V445) (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 vectors are for research use only, not for any human use.

qPCR Titer

Lot 20-189: 2E+13 vg/ mL (final diluted)

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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). Real-time PCR determined the titers of the AAV samples.

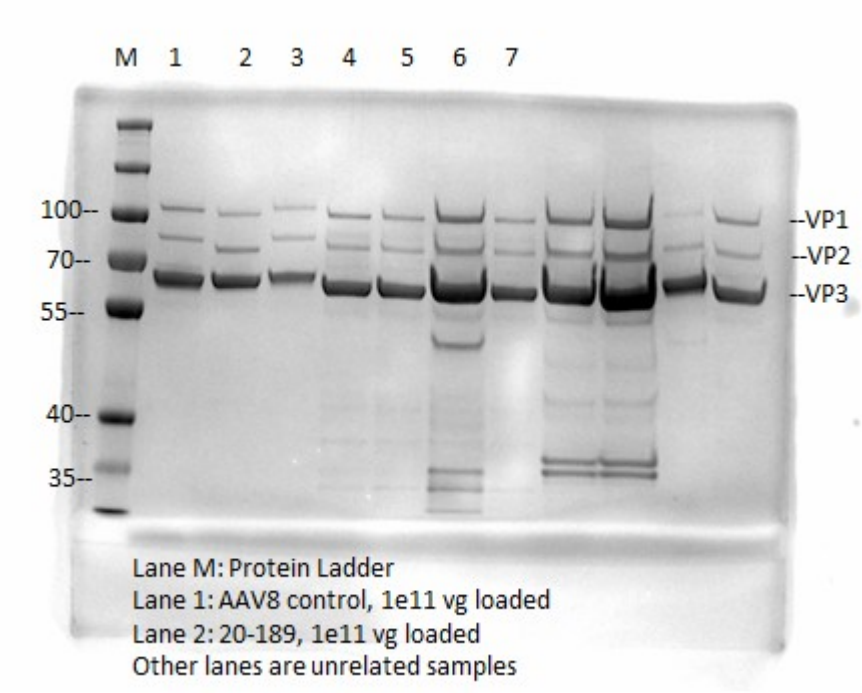

Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV3-CMV-GFP (Lot: 20-189).

Plasmids map

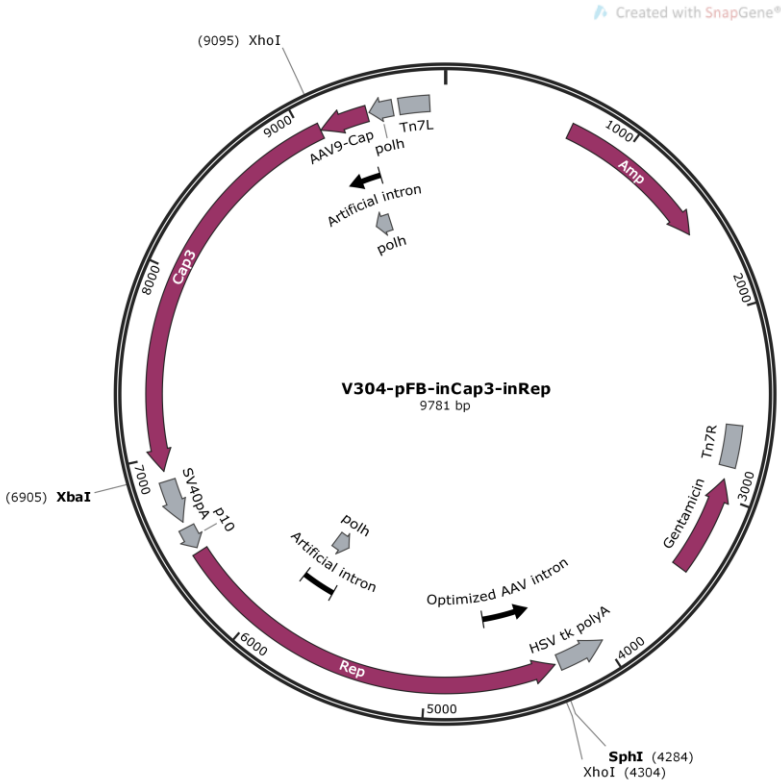

Fig. 1. Diagram of plasmid used to generate rBV- inCap3-inRepCap-kozak (V304).

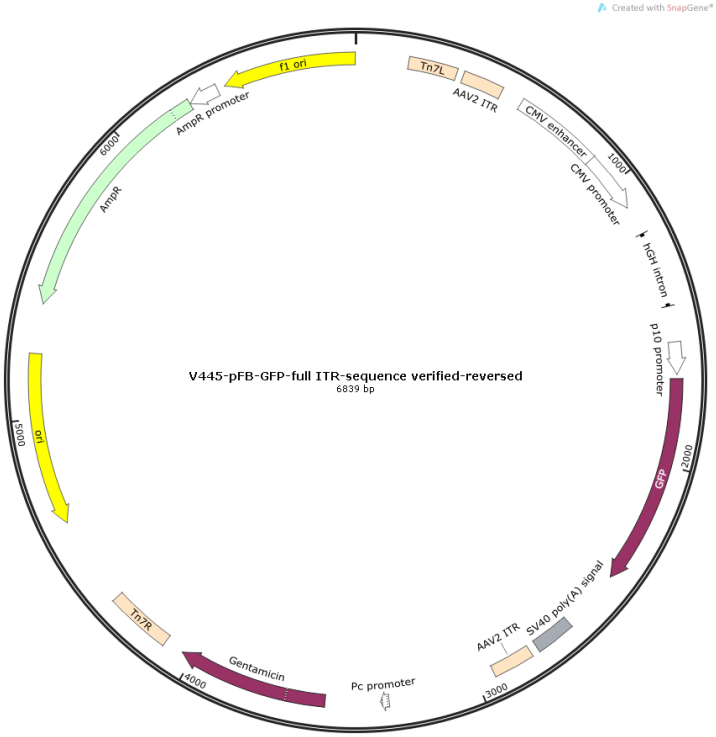

Fig. 2. Diagram of plasmid used to generate rBV- CMV-GFP (V445).

Approved by: _____ Thursday, October 21, 2021