VIROVEK

CERTIFICATE OF ANALYSIS

Purified AAV2-CMV-GFP (Lot 17-603)
(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

5 years when stored at -80°C.

Shipping Conditions

Ice Packs

Description

AAV2-CMV-GFP was produced in insect Sf9 cells by infection with rBV-inCap2-inRepOpt-Kan-hr2 (V449) and rBV-CMV-GFP(V445).

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+100mM sodium citrate+0.001% pluronic F-68 buffer.

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

QPCR Titer

Lot 17-603: 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 analysis determined the titers of the AAV samples.

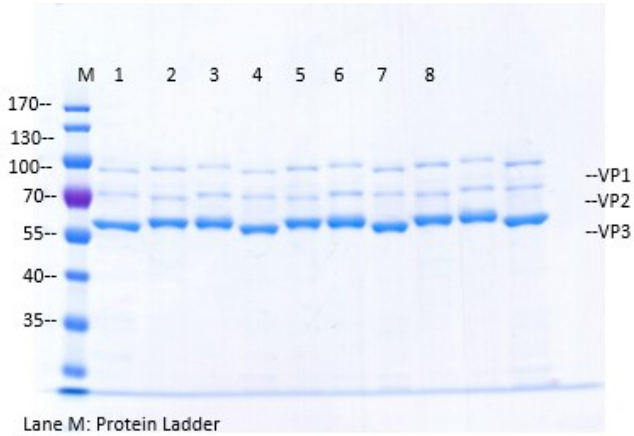

Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV2-CMV-GFP (Lot: 17-603).

Plasmids map

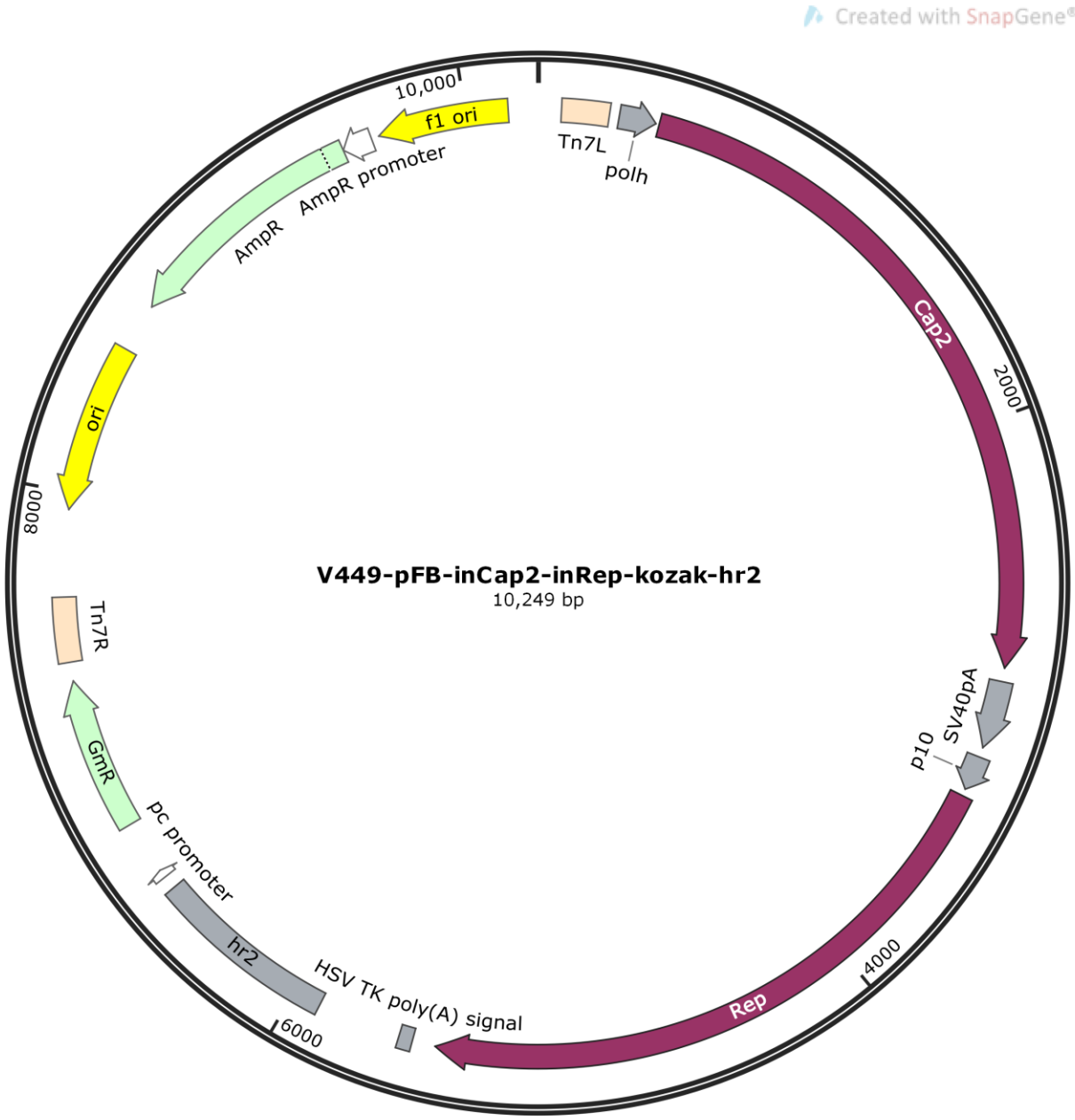

Fig. 2. Diagram of plasmid used to generate rBV- inCap2-inRepCap-kozak-hr2 (V449).

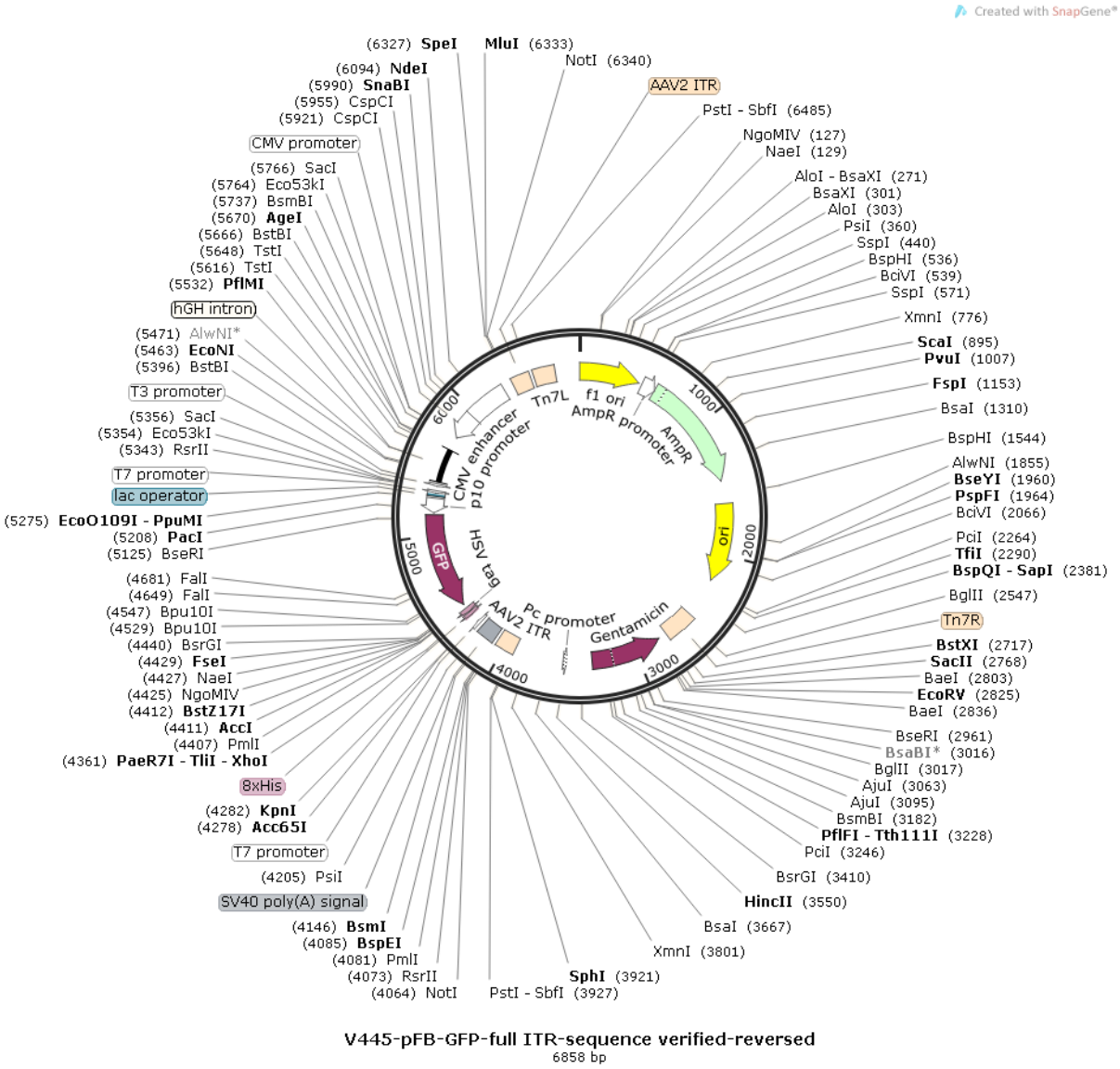

Fig. 3. Diagram of plasmid used to generate rBV- CMV-GFP (V445).

Approved by: Thursday, November 04, 2021