VIROVEK

CERTIFICATE OF ANALYSIS

Purified AAV6-CMV-GFP (Lot 19-718)

(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

Description

AAV6-CMV-GFP was produced in insect Sf9 cells by dual infection with rBV-inCap6-inRepCap-kozak-hr2 (V290) (Fig 2) and rBV-CMV-GFP (Fig 3).

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 19-718: 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.

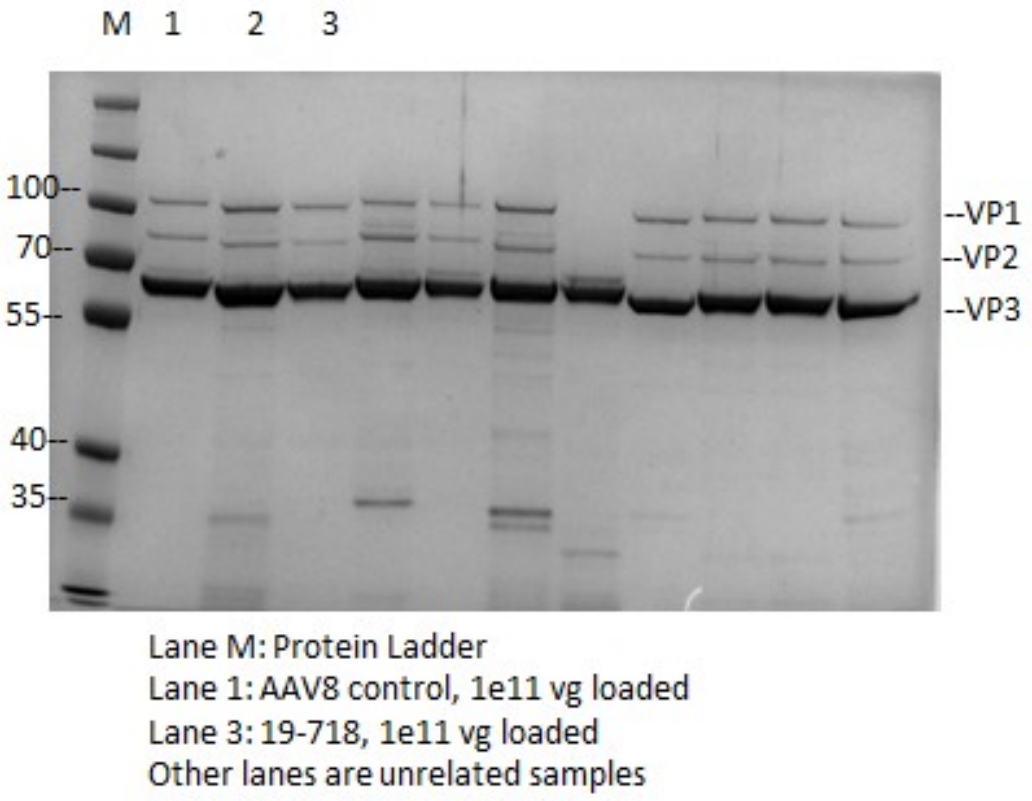

Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV6-CMV-GFP (Lot: 19-718).

Plasmids map

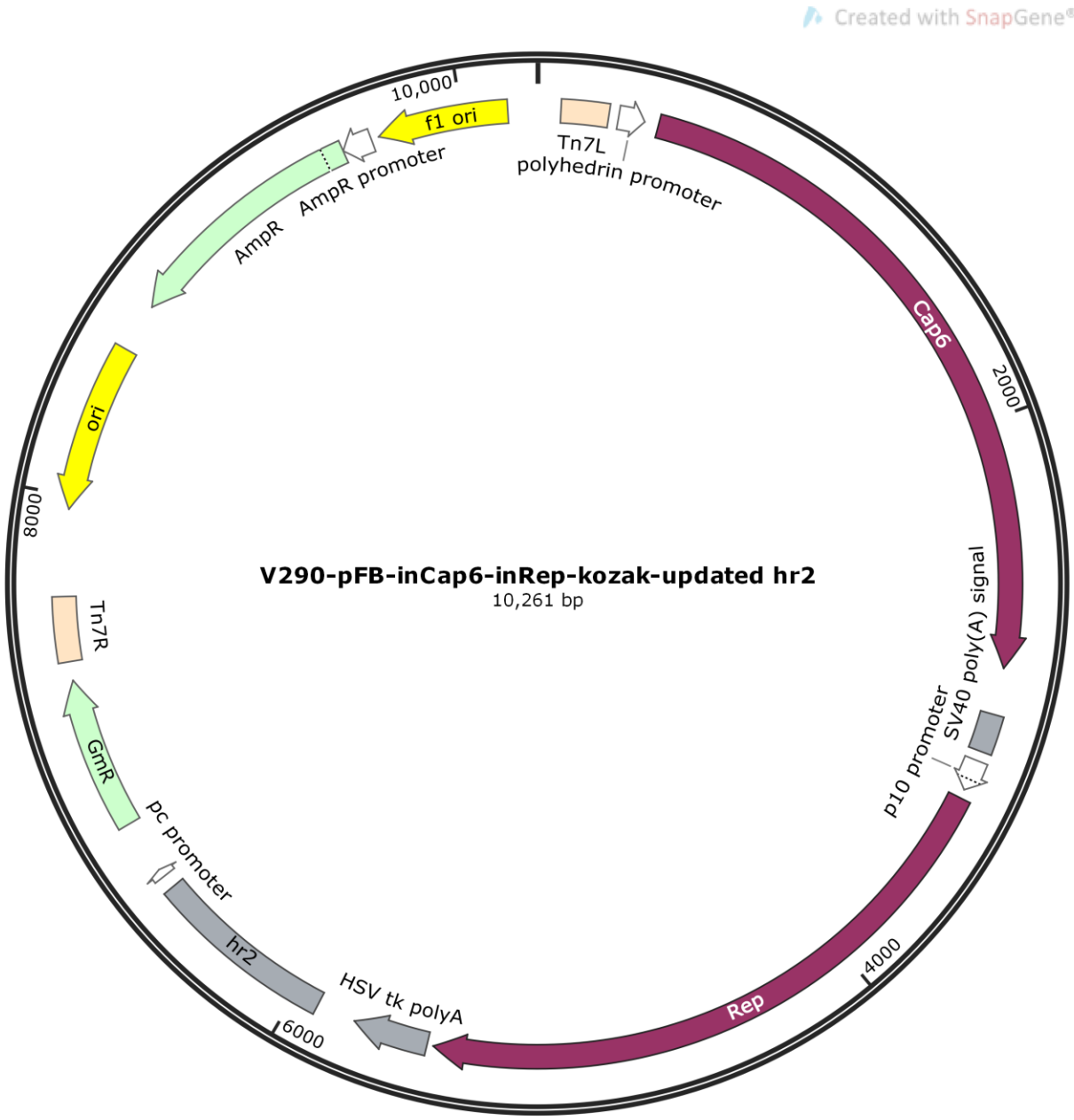

Fig. 2. Diagram of plasmid used to generate rBV- inCap6-inRepCap-kozak-hr2 (V290).

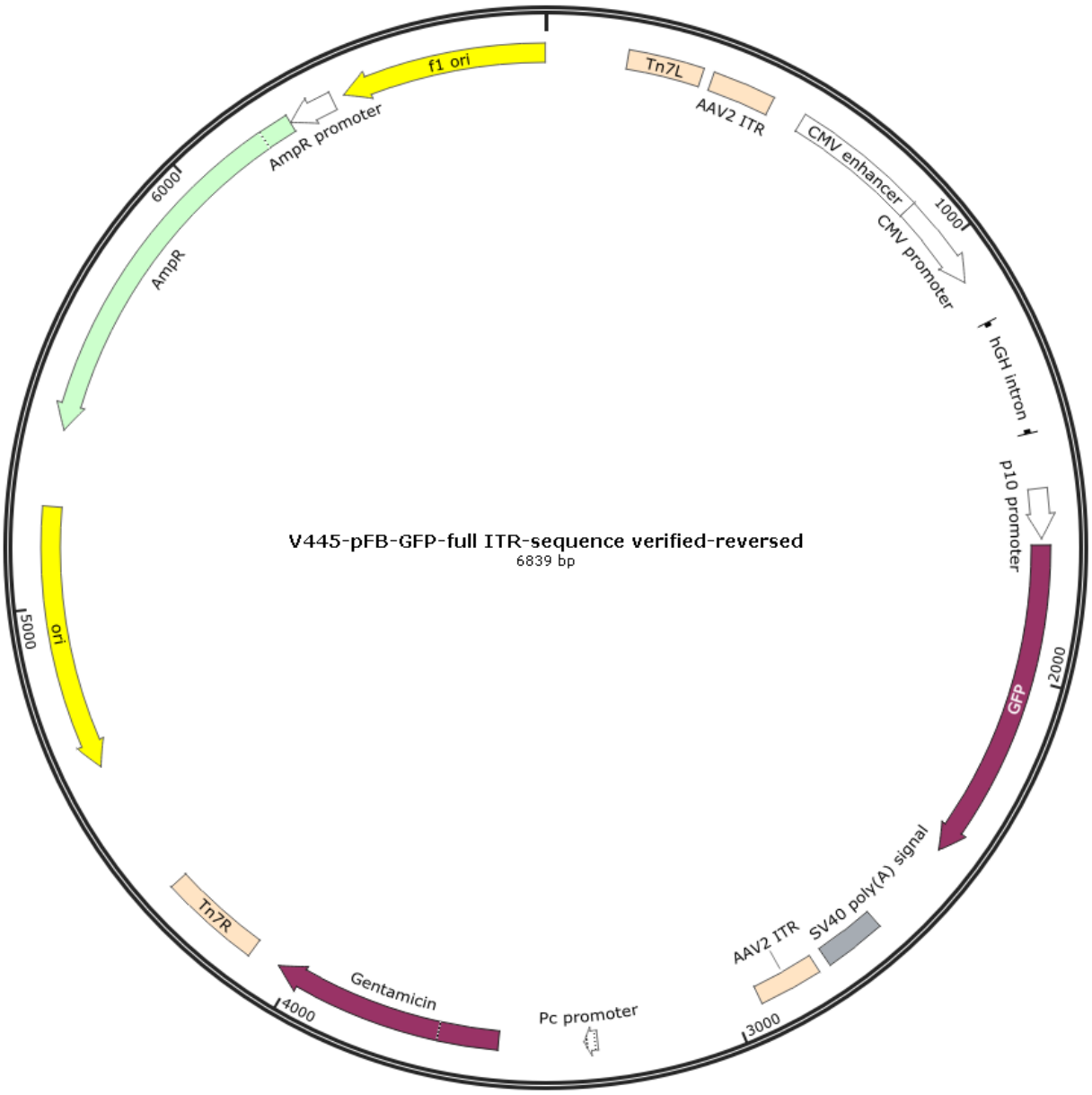

Fig. 3. Diagram of plasmid used to generate rBV- CMV- GFP.

Approved by: Thursday, November 04, 2021