VIROVEK

CERTIFICATE OF ANALYSIS

Purified AAV4-CMV-GFP (Lot 20-047)
Purified AAV8-CMV-GFP (Lot 21-113)

(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

AAV4-CMV-GFP was produced in insect Sf9 cells by dual infection with rBV-inCap4-inRepCap-kozak-hr2 (V476) (Fig 3) and rBV-CMV-GFP (V445) (Fig 4).

AAV8-CMV-GFP was produced in insect Sf9 cells by dual infection with rBV-inCap8-inRepCap-kozak-hr2 (V288) (Fig 5) and rBV-CMV-GFP (V445) (Fig 4).

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.

Package Contents

Lot 21-113: 1 x 1 mL (Shipped on Jun 12th, 2021)
Lot 20-047: 1 x 1 mL (Shipped on Jun 12th, 2021)

QPCR Titer

Lot 21-113: 2E+13 vg/ mL (final diluted)
Lot 20-047: 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. 1-2). Real-time PCR analysis determined the titers of the AAV samples.

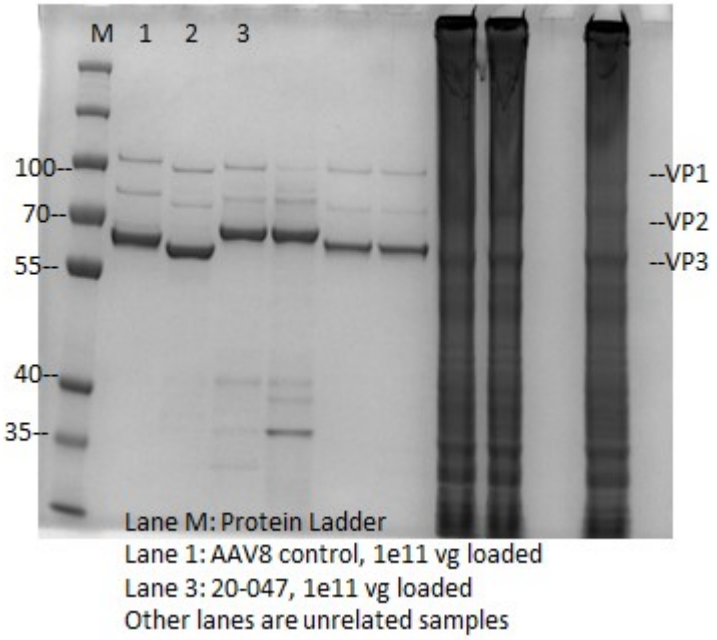

Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV4-CMV-GFP (Lot: 20-047).

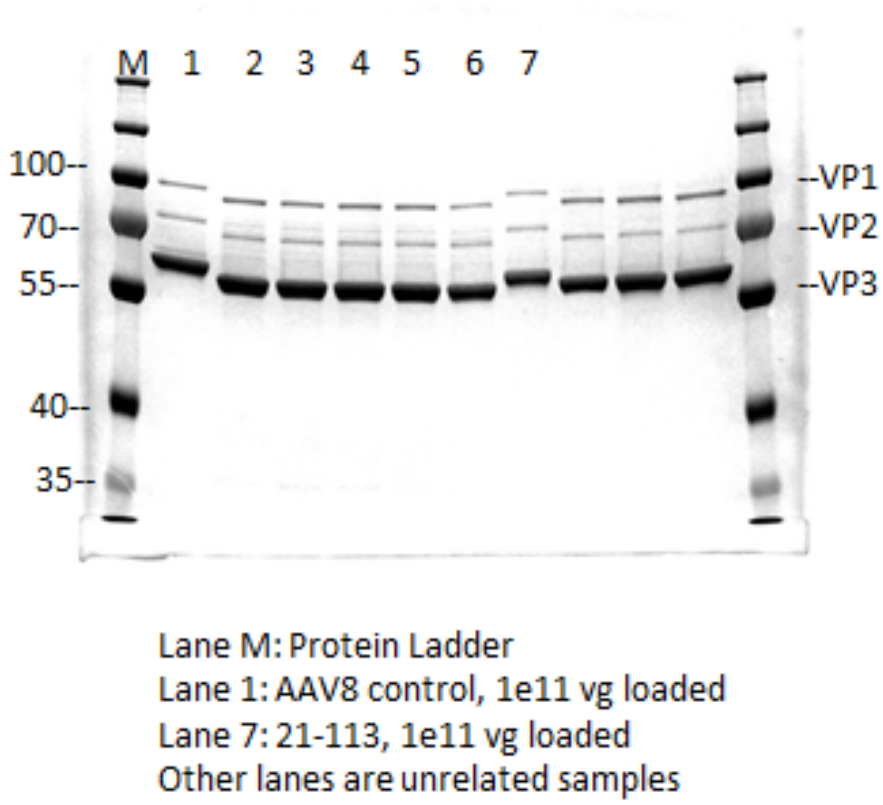

Fig. 2. SDS-PAGE and InstantBlue Staining of purified AAV8-CMV-GFP (Lot: 21-113).

Plasmids map

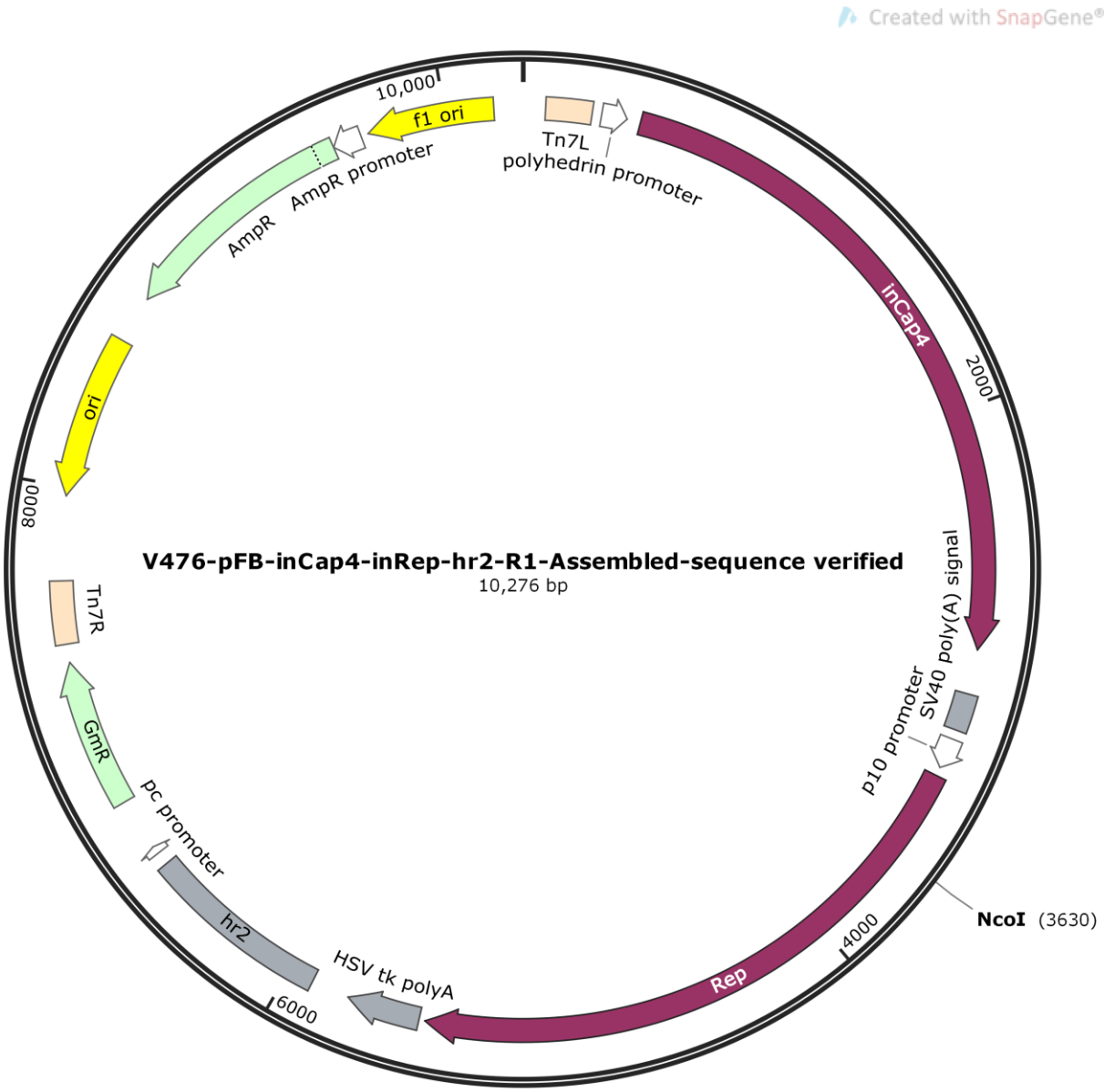

Fig. 3. Diagram of plasmid used to generate rBV- inCap4-inRepCap-kozak-hr2 (V476).

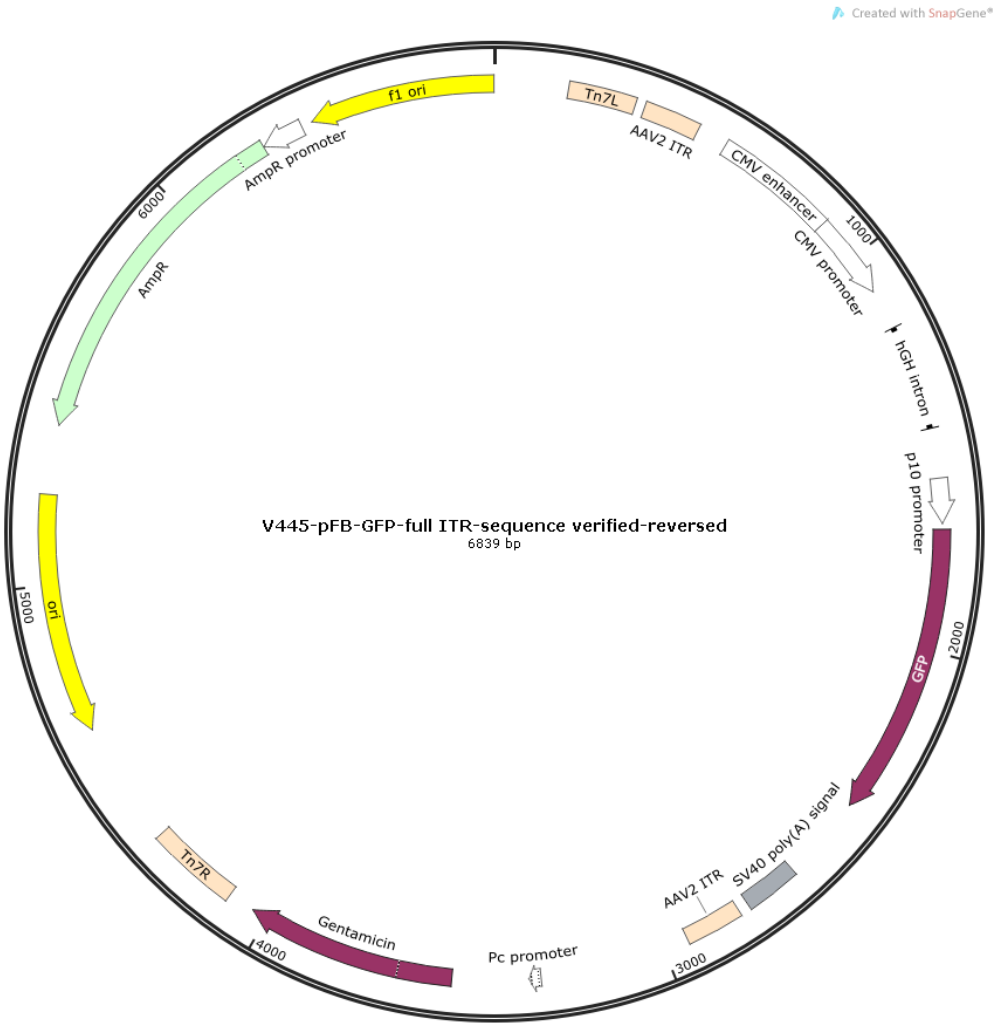

Fig. 4. Diagram of plasmid used to generate rBV- CMV-GFP (V445).

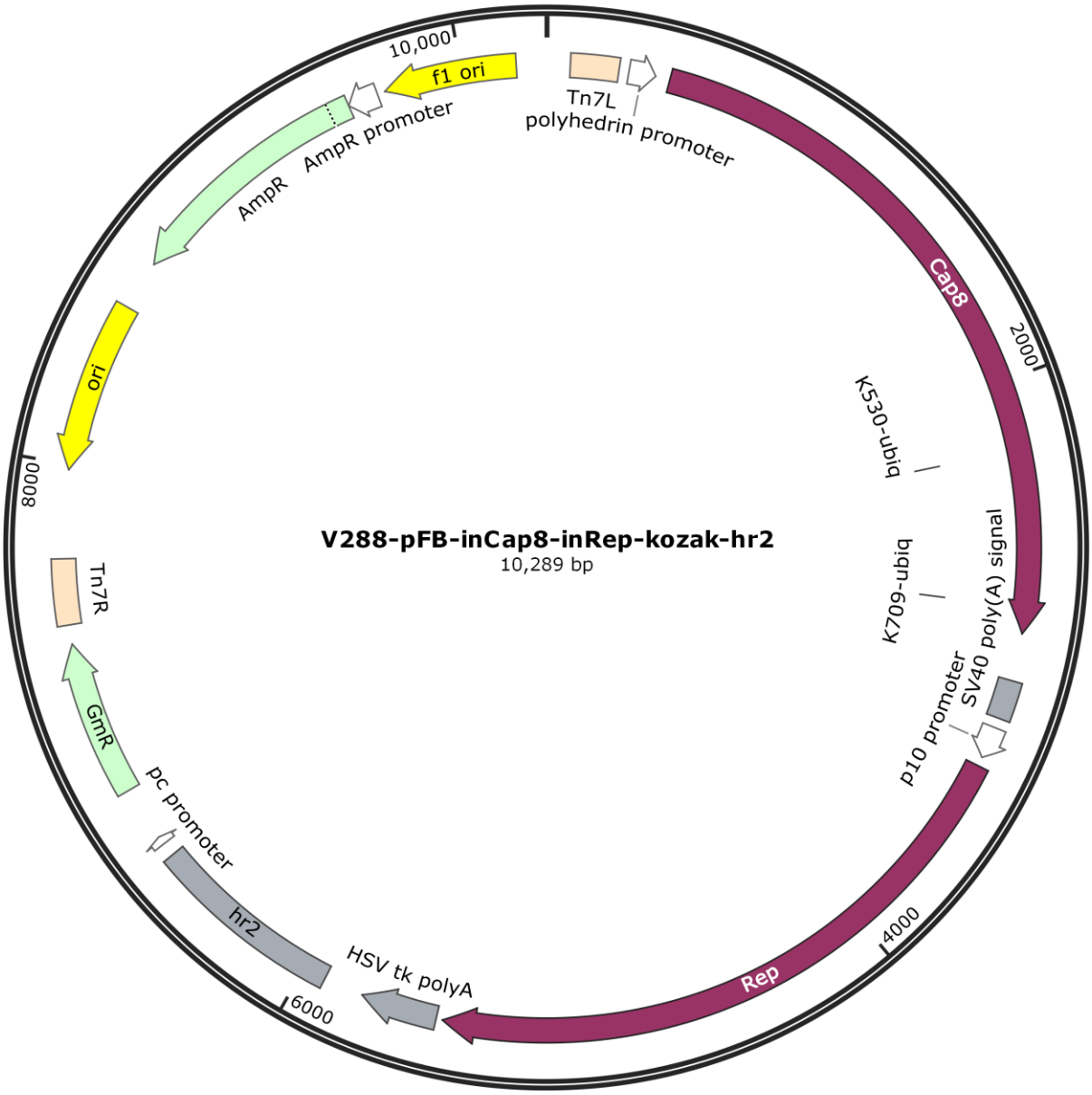

Fig. 5. Diagram of plasmid used to generate rBV- inCap8-inRepCap-kozak-hr2 (V288).

Approved by: Friday, July 16, 2021