VIROVEK

CERTIFICATE OF ANALYSIS

Purified AAV5-CMV-GFP (Lot 19-665)

(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

AAV5-CMV-GFP was produced in insect Sf9 cells by dual infection with rBV-inCap5-inRepCap-kozak-hr2 (V295) (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+0.001% pluronic F-68 buffer.

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

QPCR Titer

Lot 19-665: 2E+13 vg/ mL (final diluted)

22429 Hesperian Blvd., Hayward, CA 94541 Tel: (510) 887-7121 Fax: (510) 887-7178 Email: info@virovek.com

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.

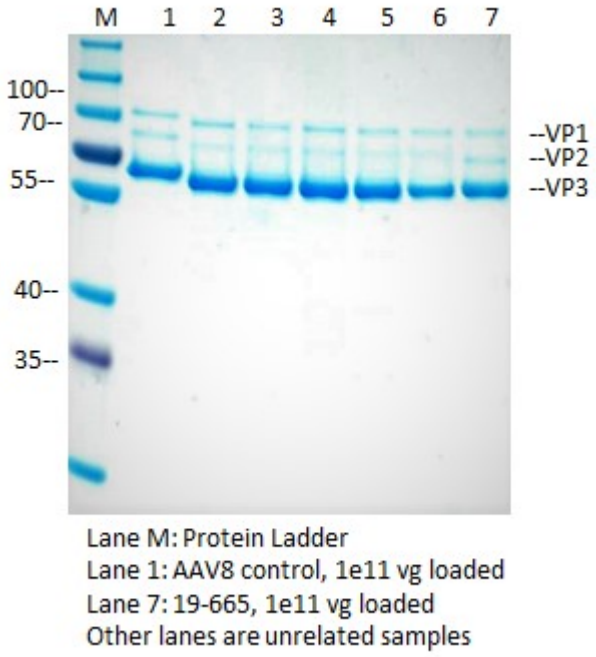

Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV5-CMV-GFP (Lot: 19-665).

Plasmids map

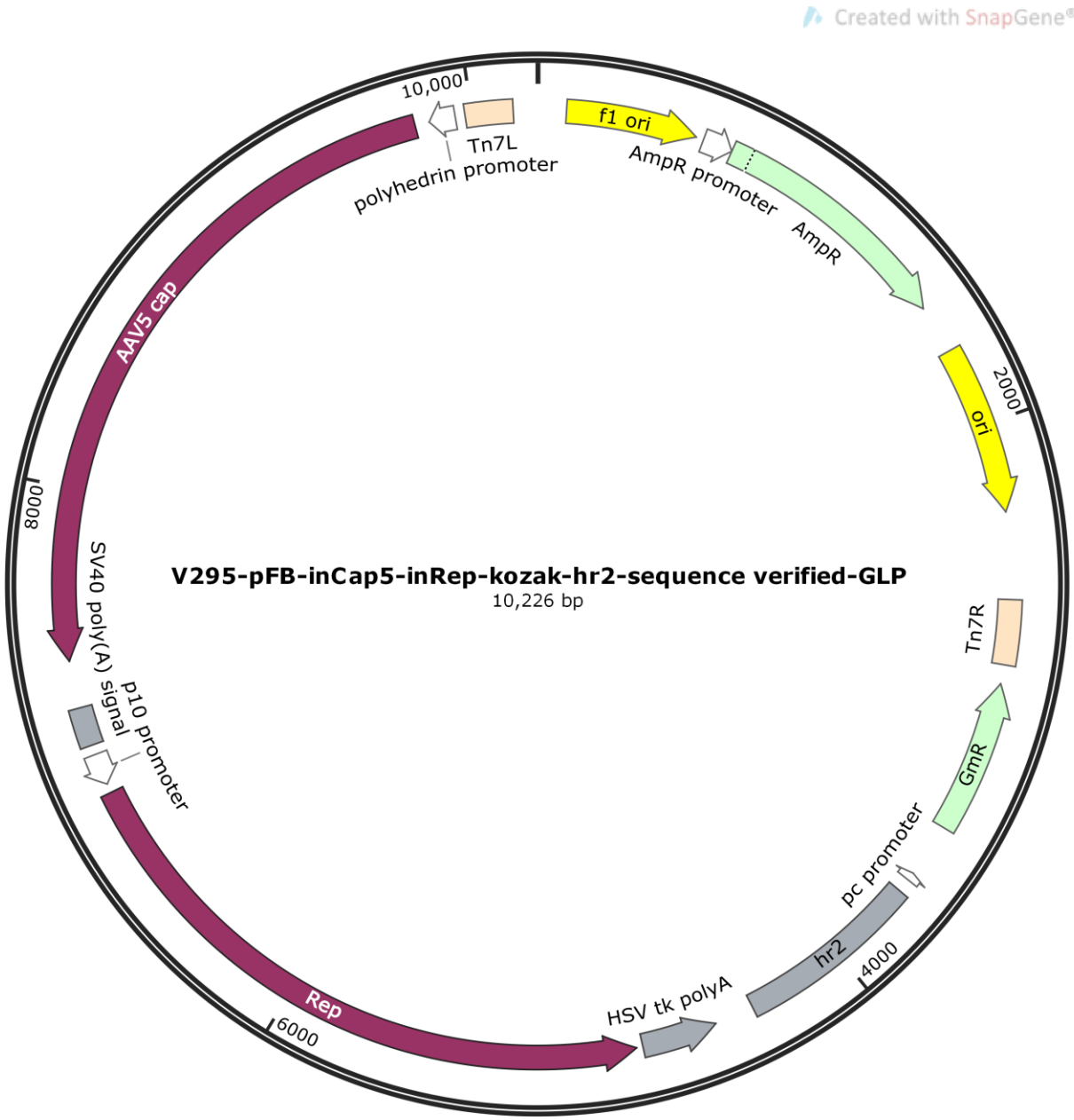

Fig. 2. Diagram of plasmid used to generate rBV- inCap5-inRepCap-kozak-hr2 (V295).

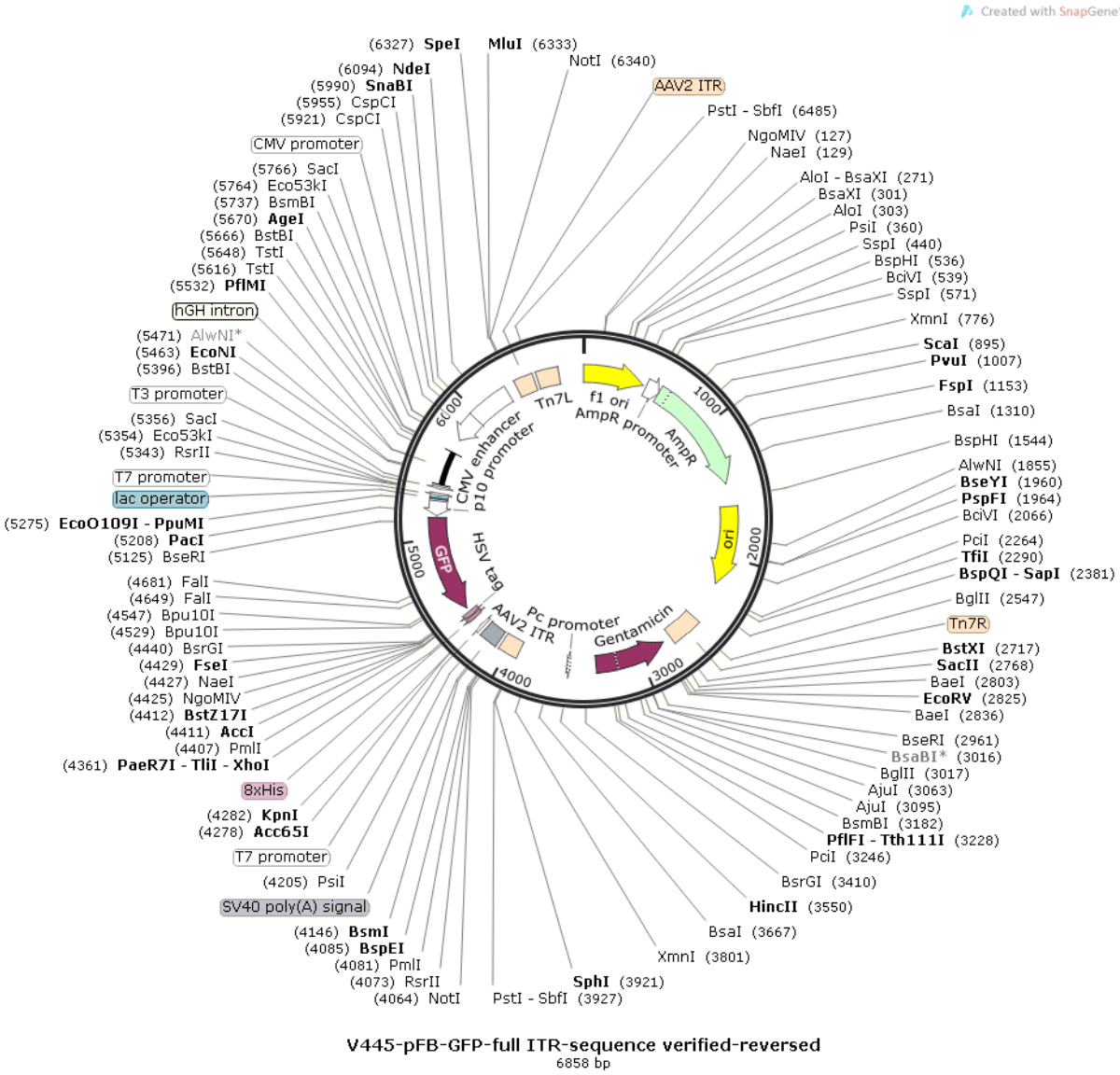

Fig. 3. Diagram of plasmid used to generate rBV- CMV- GFP.

Approved by: Tuesday, September 28, 2021