VIROVEK

CERTIFICATE OF ANALYSIS

Purified **AAV6-CMV-Luciferase** vectors (18-036)

(for research use only)

Lot No. 18-036

Storage Conditions
The AAV6 vectors should be stored at -80°C. (long term) The AAV6 vectors should be stored at 4°C. (short term)

Shelf Life
3 years when stored at -80°C.

Shipping Conditions
ICE PACK

Description

- The AAV6-CMV-Luciferase vectors were produced in insect Sf9 cells by dual infection with rBV – inCap6-inRep-kozak-hr2 (V290) (Fig 2) and rBV- CMV-Luciferase (AVA13) (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 were buffer-exchanged to PBS plus 0.001% pluronic F68.

AAV6-CMV-GFP and AAV6-CMV-Luciferase vectors are for research use only, not for any human purposes.

QPCR Titer
Lot 18-036: 2E+13 vg/mL (final diluted)

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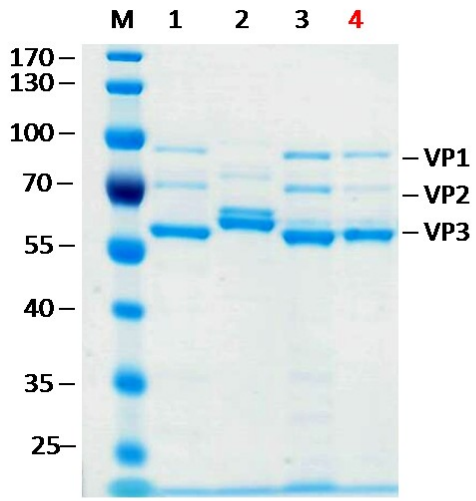
Quality Control Data

The vectors were treated through 0.2um sterilized filters. SDS-PAGE and SimplyBlue Staining (Invitrogen) verified the purity of the vectors (Fig 1). Real-time PCR analysis determines the titers of the AAV samples.



Lane M: Protein ladder
Lane 1: Control AAV9, 1e+11vg loaded
Lane 4: 18-036, AAV6-CMV-Luciferase, 1e+11vg loaded
Other lanes are unrelated samples.

Fig. 1. SDS-PAGE and Simply Blue Staining of purified AAV6-CMV-Luciferase (Lot: 18-036)

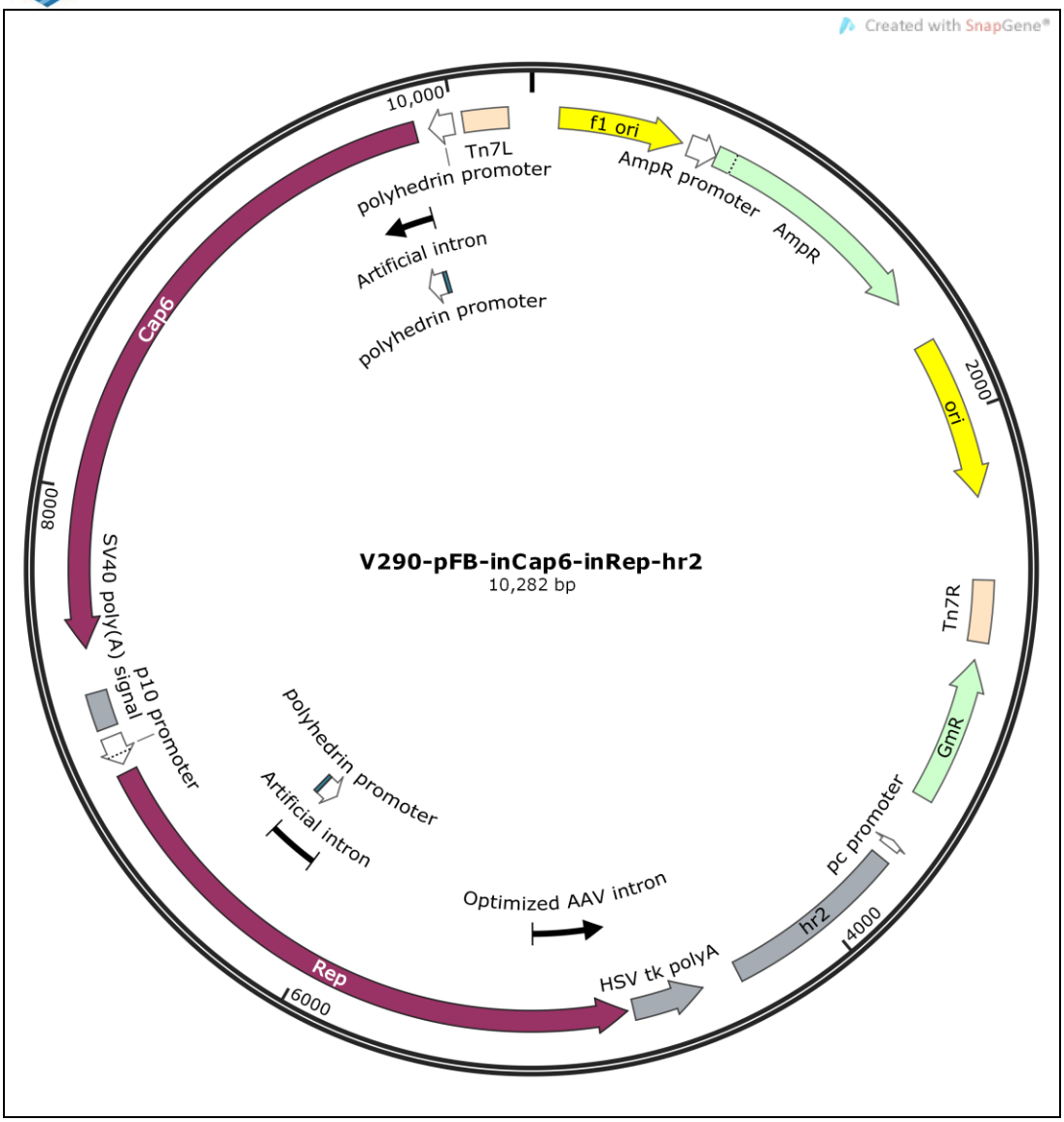


Fig. 2. Diagram of plasmid used to generate rBV-inCap6-inRep-kozak-hr2

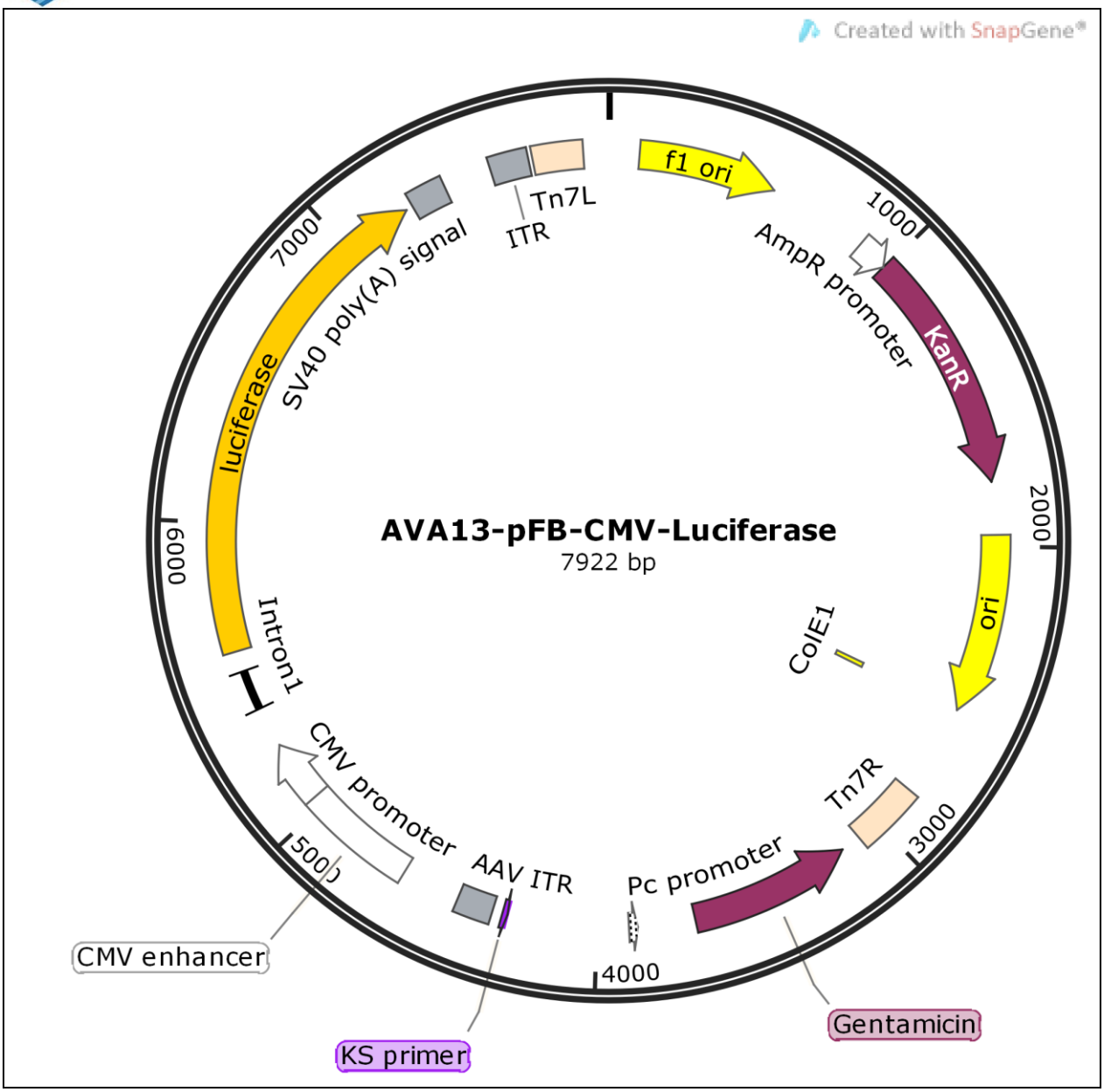


Fig. 3. Diagram of plasmid used to generate rBV-CMV-Luciferase.

Approved by:_____ Monday, September 13, 2021.