



CERTIFICATE OF ANALYSIS

Purified **AAV8-CMV-CRE (V217)** vectors (Lot 19-617)

(for research use only)

Storage Conditions

The AAV8 vectors should be kept at -80°C for long term storage. When storing for frequent use, 4°C is recommended. Avoid storing at -20°C.

Shelf Life

5 years from MFG date when stored at -80°C.

Shipping Conditions

Dry Ice

Description

- The **AAV8-CMV-CRE** vectors were produced in insect Sf9 cells by dual infection with rBV-inCap8-inRep and rBV- CMV-CRE. The vectors were purified through 2 rounds of CsCl ultracentrifugations. The CsCl was removed through buffer exchange with 2 PD-10 desalting columns.

AAV8-CMV-CRE vectors are for research use only, not for any human purposes.

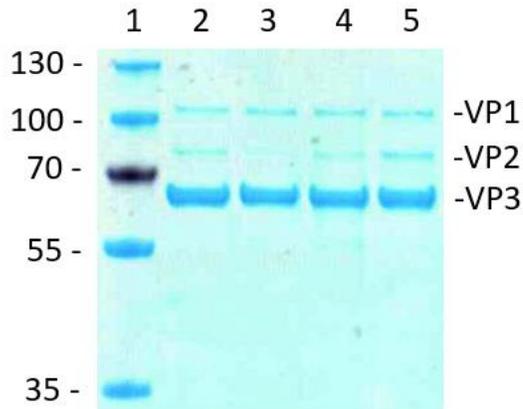
Quality Control Data

The vectors were treated through 0.2um sterilized filters. SDS-PAGE and SimplyBlue Staining (Invitrogen) verified the purity of the vectors. Real-time PCR analysis determines the titer of the AAV sample (Lot 19-617).

QPCR Titer

Lot 19-617: 2.00E+13 vg/mL

Confirmed by NanoDrop spectrophotometer measurements.



Lane 1: Protein Ladder
Lane 2: AAV8 Standard Control 1E+11vg Loaded
Lane 3: 19-617 AAV8-CMV-CRE 1E+11vg Loaded
Lane 4: 19-617 AAV8-CMV-CRE 1E+11vg Loaded
Lane 5: 19-617 AAV8-CMV-CRE 1E+11vg Loaded

SDS-PAGE and Simply Blue Staining of purified AAV (Lot 19-617).

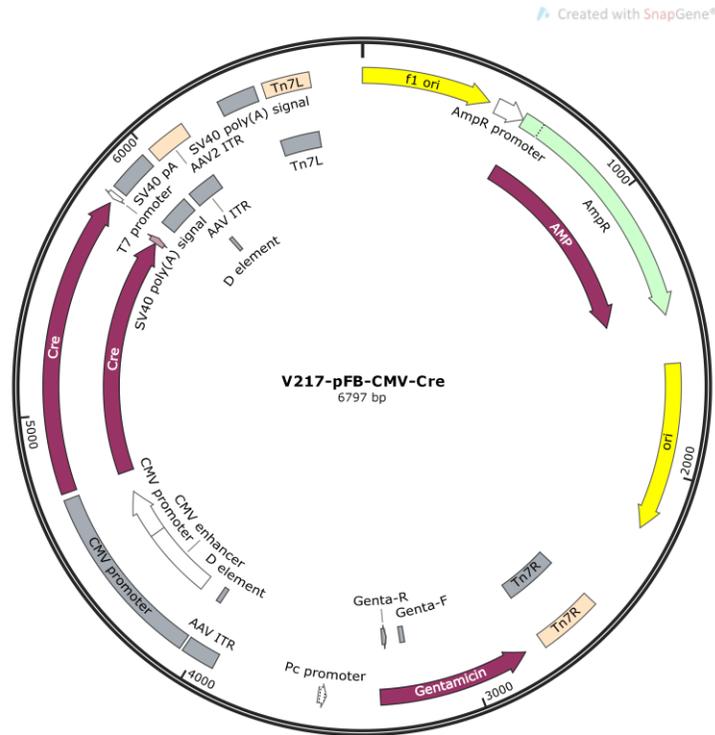


Fig. 1. Diagram of plasmid used to generate rBV-pFB-CMV-CRE (V217).

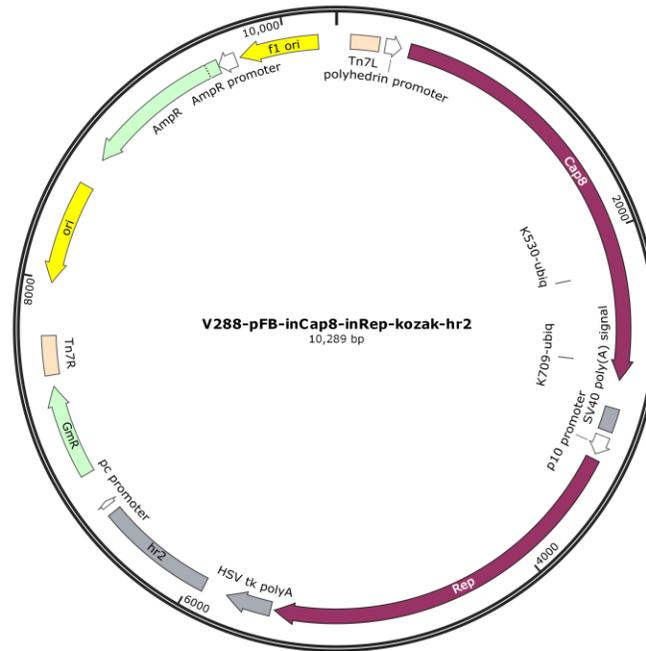


Fig. 2. Diagram of plasmid used to generate rBV- inCap8-inRepCap-kozak-hr2 (V288).

Approved by: Haifeng Chen

Date: January 5, 2020