VIROVEK

CERTIFICATE OF ANALYSIS

Purified **AAV9-CMV-GFP** vectors (Lot 23-045)

(for research use only)

Storage Conditions

The AAV9 vectors should be kept at -80℃ for long term storage. When storing for frequent use, 4℃ is recommended. Avoid storing at -20℃.

Shelf Life

5 years from MFG date when stored at -80℃.

Shipping Conditions

Dry Ice

Description

- The **AAV9-CMV-GFP** vectors were produced in insect Sf9 cells by dual infection with rBV-inCap9-inRep and rBV- CMV-GFP. 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-GFP vectors are for research use only, not for any human purposes.

Quality Control Data

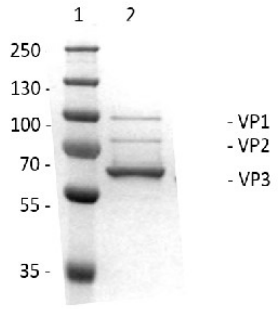
The vectors were treated through 0.2um sterilized filters. SDS-PAGE and SimplyBlue Staining (Invitrogen) verified the purity of the vectors. Real-time PCR analysis determines the titer of the AAV sample (23-045).

QPCR Titer

Lot 23-045: 1.00E+14 vg/mL

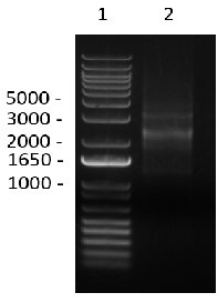
Confirmed by NanoDrop spectrophotometer measurements.

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



Lane 1: Protein Ladder
Lane 2: 23-045 AAV9-CMV-GFP 1E+11vg Loaded

SDS-PAGE and Simply Blue Staining of purified AAV (23-045)



Lane 1: DNA 1KB Ladder
Lane 2: 23-045 AAV9-CMV-GFP 1E+11vg Loaded

DNA Agarose gel of purified AAV (23-045).

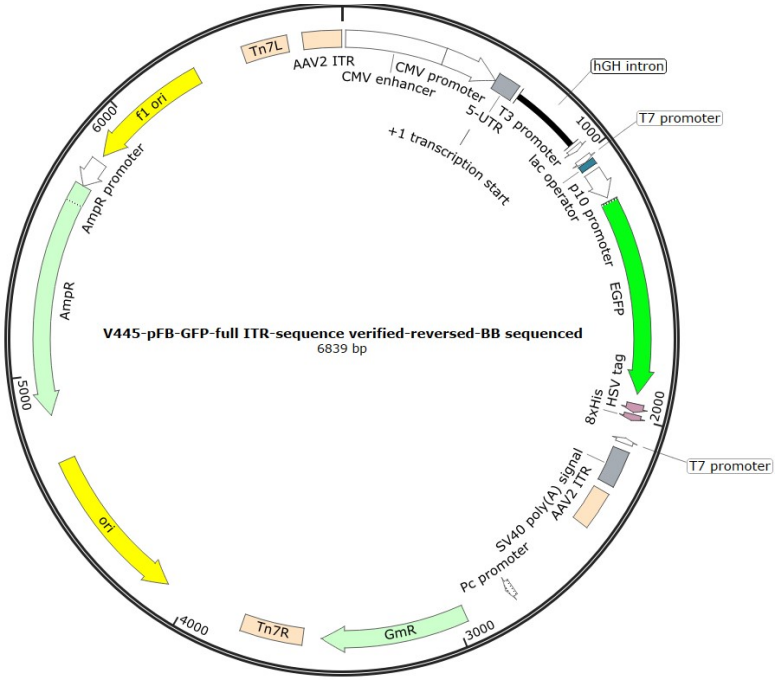


Fig. 1. Diagram of plasmid used to generate rBV-pFB-CMV-GFP (V445).

Approved by: *Haifeng Chen*

Date: March 1, 2023