



## **CERTIFICATE OF ANALYSIS**

### **Purified AAV2-CMV-GFP (Lot 16-017)**

(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**

2 years when stored at -80°C.

### **Shipping Conditions**

Ice Packs

### **Description**

AAV2-CMV-GFP was produced in insect Sf9 cells by dual infection with rBV-inCap2-inRepCap-Kan (V104) (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+100mM sodium citrate+0.001% pluronic F-68.

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

### **QPCR Titer**

Lot 16-017: 2E+13 vg/ mL (final diluted)



### Quality Control Data

The vectors were sterilized with 0.22 $\mu$ m 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.

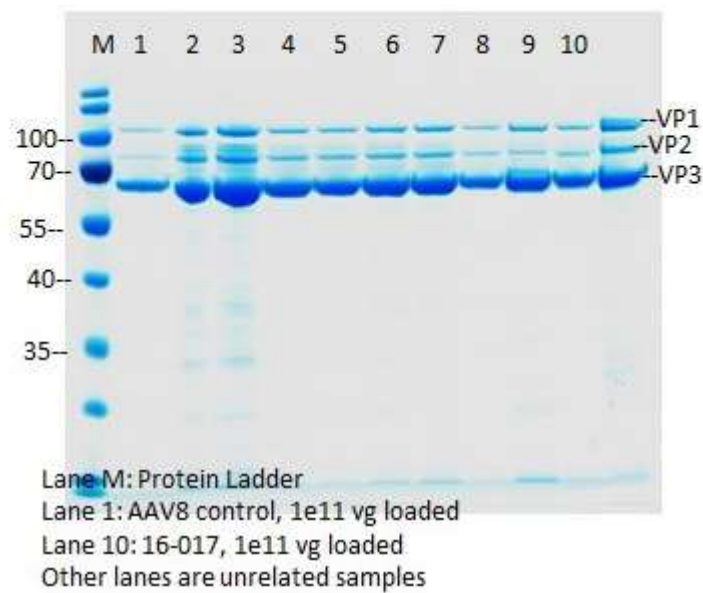


Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV2-CMV-GFP (Lot: 16-017).

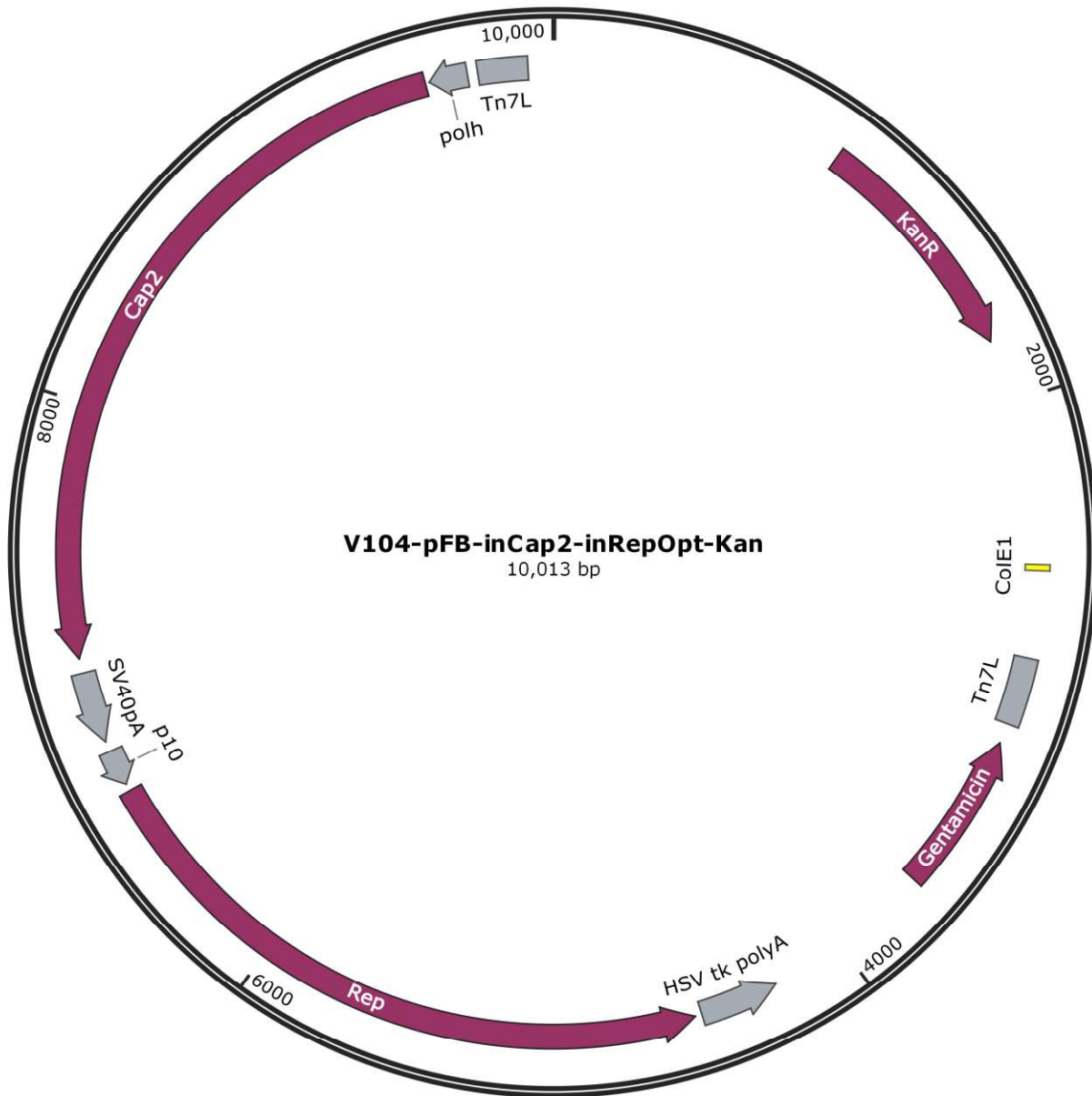


Fig. 2. Diagram of plasmid used to generate rBV- inCap2-inRepOpt-Kan (V104).

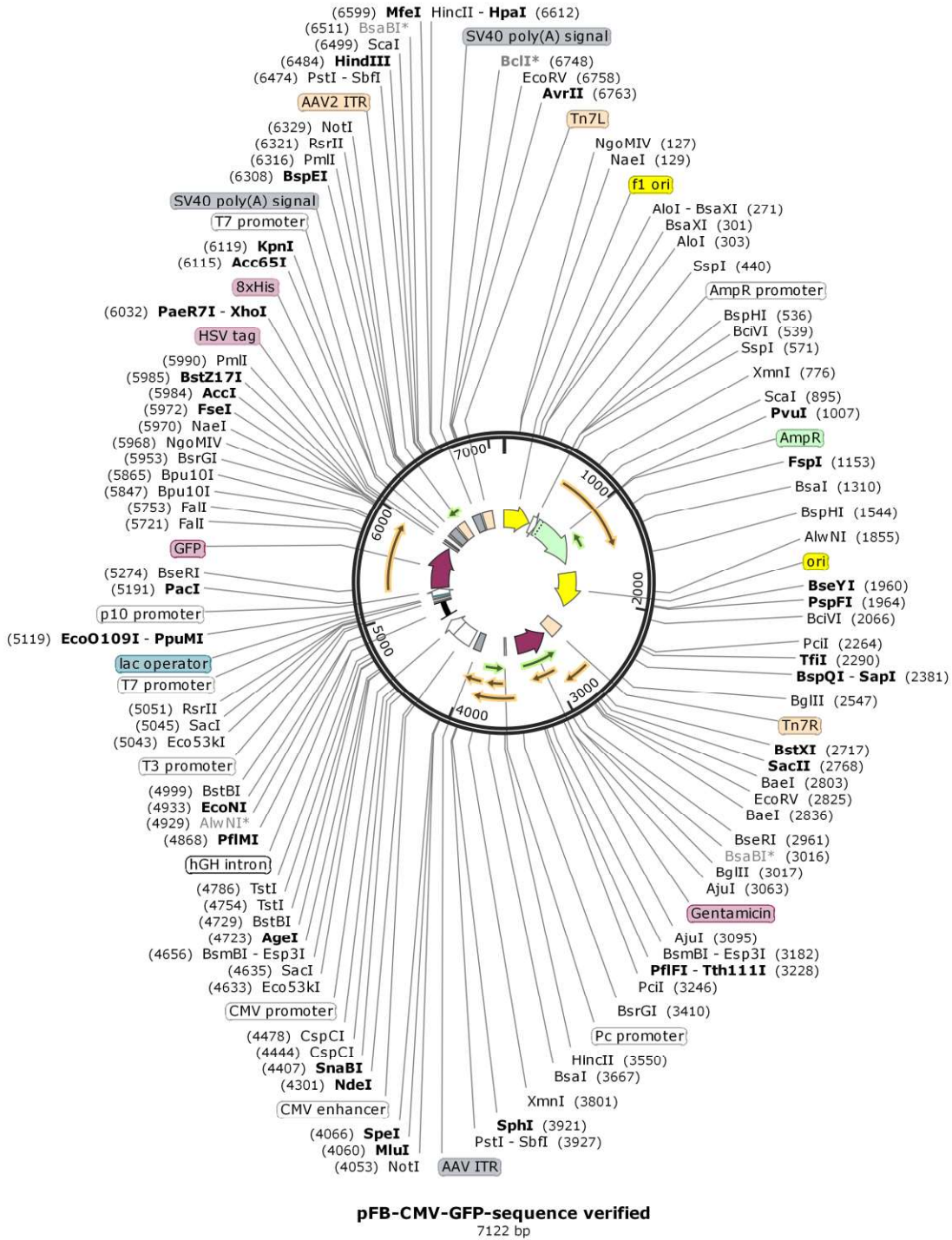


Fig. 3. Diagram of plasmid used to generate rBV- CMV-GFP.

Approved by: *nicky zhou* Wednesday, November 24, 2021