



## **CERTIFICATE OF ANALYSIS**

### **Purified AAV9-empty (Lot 21-355)**

(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**

5 years when stored at -80°C. (AAV)

### **Shipping Conditions**

Dry Ice

### **Description**

AAV9-empty was produced in insect Sf9 cells by infection with rBV-inCap9-inRepCap-kozak-hr2 (V289) (Fig 2).

The vectors were purified through 2 rounds of CsCl ultracentrifugations. The CsCl was removed through buffer exchange with 2 PD-10 desalting columns in 1 x PBS + 0.001% pluronic F-68.

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

### **Capsid Titer**

Lot 21-355: 2E+13 vg/ mL (final diluted)



### 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). OD analysis determined the titers of the empty AAV samples.

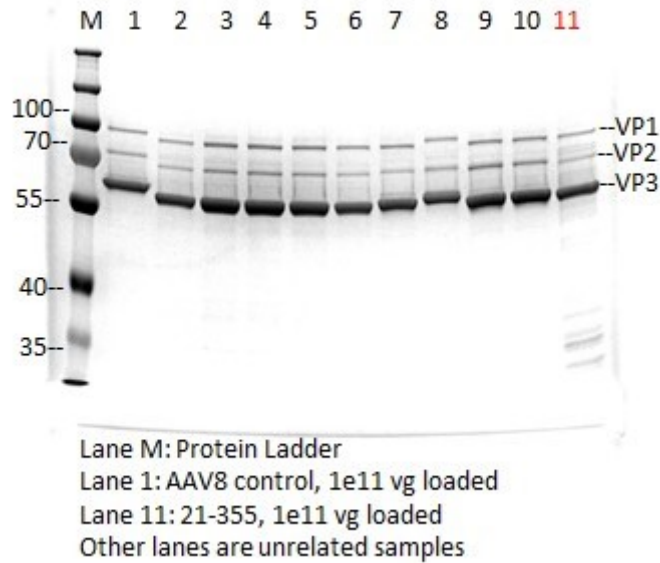


Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV9-empty (Lot: 21-355)



Plasmids map

Created with SnapGene®

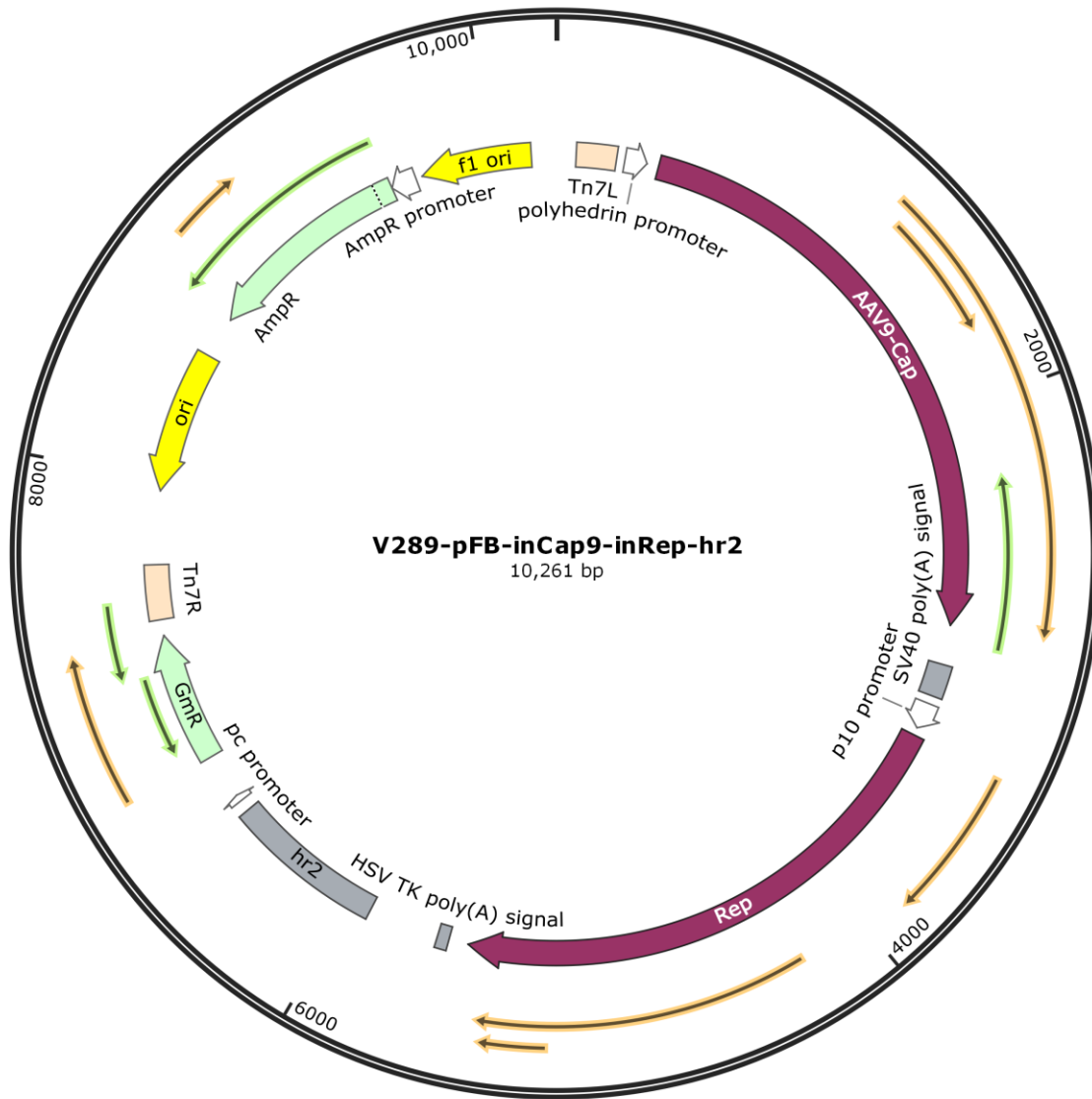


Fig. 2. Diagram of plasmid used to generate rBV- inCap9-inRepCap-kozak-hr2 (V289).

Approved by: \_

QA/QC TEAM

Monday, June 20, 2022