



## **CERTIFICATE OF ANALYSIS**

Purified **AAV9-CMV-Luciferase** vectors (19-433)

(for research use only)

**Lot No.** 19-433

### **Storage Conditions**

The AAV9 vectors should be stored at -80°C. (long term)

### **Shelf Life**

4 years when stored at -80°C.

### **Shipping Conditions**

ICE PACK

### **Description**

- The AAV9-CMV-Luciferase vectors were produced in insect Sf9 cells by dual infection with rBV – inCap9-inRep-kozak-hr2 (V289) and rBV- CMV-Luciferase (AVA13).

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.

**AAV9-CMV-Luciferase** vectors are for research use only, not for any human purposes.

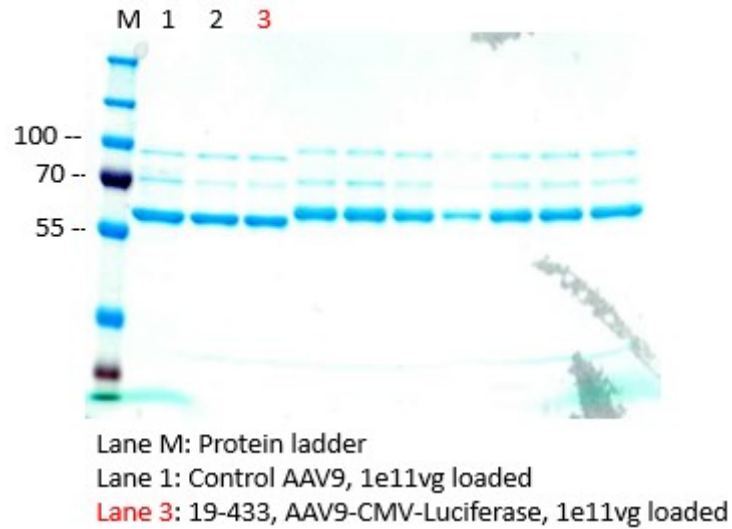
### **QPCR Titer**

Lot 19-433: 2E+13 vg/mL (final diluted)



### 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 titers of the AAV samples.



**Fig. 1: SDS-PAGE and Simply Blue Staining of purified AAV9-CMV-Luciferase (19-433).**



Plasmids map

Created with SnapGene®

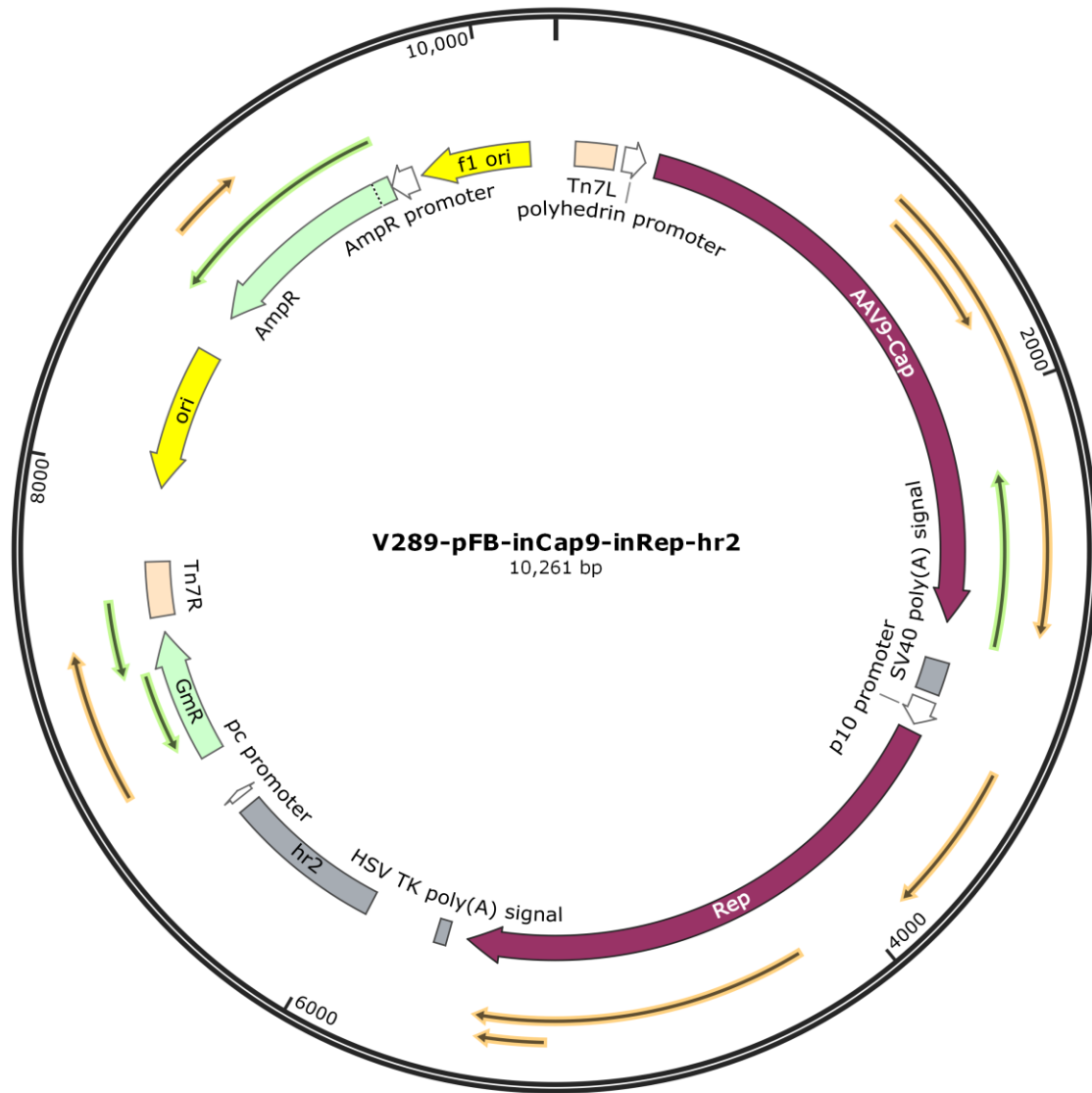


Fig. 2. Diagram of plasmid used to generate rBV- inCap9-inRepCap-kozak-hr2 (V289).

