

Resource Summary Report

Generated by [dkNET](#) on Aug 30, 2026

kiCAP-AAV-BI30

RRID:Addgene_183749

Type: Plasmid

Proper Citation

RRID:Addgene_183749

Plasmid Information

URL: <http://www.addgene.org/183749>

Proper Citation: RRID:Addgene_183749

Insert Name: AAV9 modified with 7mer insertion between amino acids 588 and 589 of VP1

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:35571675](#)

Vector Backbone Description: Backbone Size:3000; Vector Backbone:pUC57-Kan; Vector Types:AAV; Bacterial Resistance:Kanamycin

Plasmid Name: kiCAP-AAV-BI30

Relevant Mutation: K449R, and NNSTRGG inserted between 588 and 589 of AAV9 VP1

Record Creation Time: 20220422T222039+0000

Record Last Update: 20260829T080131+0000

Ratings and Alerts

No rating or validation information has been found for kiCAP-AAV-BI30.

No alerts have been found for kiCAP-AAV-BI30.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Radukic MT, et al. (2026) Engineering of High-Yield Recombinant Adeno-Associated Virus Producer Plasmids. *Biotechnology journal*, 21(1), e70179.

Kita-Shirakura A, et al. (2026) Chronic glucocorticoid exposure disrupts lactate homeostasis and hippocampal neurogenesis by reducing cerebrovascular monocarboxylate transporter 1, leading to behavioral abnormalities in mice. *Journal of pharmacological sciences*, 162(1), 80.

Liu L, et al. (2026) Engineered Small Extracellular Vesicles Targeting Tumor-Associated Endothelial Cells to Effectively Remodel the Glioma Microenvironment. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(18), e18490.

Fang C, et al. (2026) TGF- β 1-induced endothelial transcytosis drives blood-brain barrier leakage during aging. *Neuron*.

Xiao D, et al. (2025) AAV-mediated inhibition of endothelial IL-1 β /IL-1R1 signaling alleviates the development of sepsis-associated encephalopathy. *Archives of biochemistry and biophysics*, 772, 110535.