Resource Summary Report

Generated by SPARC SAWG on Sep 23, 2026

pAAV-CAG-NLS-GFP

RRID:Addgene_104061
Type: Plasmid

Proper Citation

RRID:Addgene_104061

Plasmid Information

URL: http://www.addgene.org/104061

Proper Citation: RRID:Addgene_104061

Insert Name: GFP

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: PMID:30626963

Vector Backbone Description: Vector Backbone:pAAV; Vector Types:AAV; Bacterial Resistance:Ampicillin

Comments: Please visit https://www.biorxiv.org/content/early/2018/01/19/246405 for bioRxiv preprint.

Plasmid Name: pAAV-CAG-NLS-GFP

Record Creation Time: 20220422T221505+0000

Record Last Update: 20260919T090419+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-CAG-NLS-GFP.

No alerts have been found for pAAV-CAG-NLS-GFP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Nagao K, et al. (2026) CHARIOT-AAV: Conjugation of diverse vectors to adeno-associated viruses for delivery of large genes. bioRxiv : the preprint server for biology.

Ramani B, et al. (2025) CRISPR screening by AAV episome-sequencing (CrAAVe-seq): a scalable cell-type-specific in vivo platform uncovers neuronal essential genes. Nature neuroscience.

Nagao K, et al. (2025) Adeno-associated viruses escort nanomaterials to specific cells and tissues. bioRxiv : the preprint server for biology.

Nouraein S, et al. (2024) Acoustically targeted noninvasive gene therapy in large brain volumes. Gene therapy, 31(3-4), 85.

Vorri SC, et al. (2024) Activation of Cell-Intrinsic Signaling in CAR-T Cells via a Chimeric IL7R Domain. Cancer research communications, 4(9), 2359.

Li HR, et al. (2024) Engineering viral vectors for acoustically targeted gene delivery. Nature communications, 15(1), 4924.

Szelenyi ER, et al. (2023) An arginine-rich nuclear localization signal (ArgiNLS) strategy for streamlined image segmentation of single-cells. bioRxiv : the preprint server for biology.

Padgett CA, et al. (2023) Galectin-3 Mediates Vascular Dysfunction in Obesity by Regulating NADPH Oxidase 1. Arteriosclerosis, thrombosis, and vascular biology, 43(10), e381.

Padgett CA, et al. (2023) Galectin-3 Mediates Vascular Dysfunction in Obesity by Regulating NADPH Oxidase 1. bioRxiv : the preprint server for biology.

Chen M, et al. (2023) Immune profiling of adeno-associated virus response identifies B cell-specific targets that enable vector re-administration in mice. Gene therapy, 30(5), 429.

Gutierrez-Mecinas M, et al. (2023) Antibodies Against the Gastrin-releasing Peptide Precursor Pro-Gastrin-releasing Peptide Reveal Its Expression in the Mouse Spinal Dorsal Horn. Neuroscience, 510, 60.

Goertsen D, et al. (2022) AAV capsid variants with brain-wide transgene expression and decreased liver targeting after intravenous delivery in mouse and marmoset. Nature neuroscience, 25(1), 106.

Goertsen D, et al. (2022) Targeting the lung epithelium after intravenous delivery by directed evolution of underexplored sites on the AAV capsid. Molecular therapy. Methods & clinical development, 26, 331.

Chen X, et al. (2022) Engineered AAVs for non-invasive gene delivery to rodent and non-human primate nervous systems. Neuron, 110(14), 2242.

Ravindra Kumar S, et al. (2020) Multiplexed Cre-dependent selection yields systemic AAVs for targeting distinct brain cell types. Nature methods, 17(5), 541.