

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pAAV-CAG-mNeonGreen

RRID:Addgene_99134

Type: Plasmid

Proper Citation

RRID:Addgene_99134

Plasmid Information

URL: <http://www.addgene.org/99134>

Proper Citation: RRID:Addgene_99134

Insert Name: mNeonGreen

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28671695](#)

Vector Backbone Description: Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-CAG-mNeonGreen

Record Creation Time: 20220422T222633+0000

Record Last Update: 20260815T082243+0000

Ratings and Alerts

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

No alerts have been found for pAAV-CAG-mNeonGreen.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Ono H, et al. (2026) Computationally guided discovery of Ly6e/LY6E-dependent AAV capsid variants. *iScience*, 29(5), 115554.

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

Li H, et al. (2025) Loss of FMRP in microglia promotes degeneration of parvalbumin neurons and audiogenic seizures via progranulin insufficiency. *bioRxiv* : the preprint server for biology.

Hamada T, et al. (2025) Electroporation Induces Unexpected Alterations in Gene Expression: A Tip for Selection of Optimal Transfection Method. *Current issues in molecular biology*, 47(2).

Chakrabarty A, et al. (2024) sUPRa is a dual-color reporter for unbiased quantification of the unfolded protein response with cellular resolution. *Scientific reports*, 14(1), 14990.

Griffiths JA, et al. (2024) Peripheral neuronal activation shapes the microbiome and alters gut physiology. *Cell reports*, 43(4), 113953.

Niu C, et al. (2024) Genetic Dissection of BDNF and TrkB Expression in Glial Cells. *Biomolecules*, 14(1).

Jang MJ, et al. (2023) Spatial transcriptomics for profiling the tropism of viral vectors in tissues. *Nature biotechnology*, 41(9), 1272.

Gr??dem S, et al. (2023) An updated suite of viral vectors for in vivo calcium imaging using intracerebral and retro-orbital injections in male mice. *Nature communications*, 14(1), 608.

Shay TF, et al. (2023) Primate-conserved carbonic anhydrase IV and murine-restricted LY6C1 enable blood-brain barrier crossing by engineered viral vectors. *Science advances*, 9(16), eadg6618.

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.