

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

[AAV-CMVc-Cas9](#)

RRID:Addgene_106431

Type: Plasmid

Proper Citation

RRID:Addgene_106431

Plasmid Information

URL: <http://www.addgene.org/106431>

Proper Citation: RRID:Addgene_106431

Insert Name: Cas9

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29224783](#)

Vector Backbone Description: Backbone Marker:pX551; Vector Backbone:AAV; Vector Types:Mammalian Expression, AAV, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: AAV-CMVc-Cas9

Record Creation Time: 20220422T221516+0000

Record Last Update: 20260815T080106+0000

Ratings and Alerts

No rating or validation information has been found for AAV-CMVc-Cas9.

No alerts have been found for AAV-CMVc-Cas9.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Mokhtari T, et al. (2025) Enhanced epigenetic modulation via mRNA-encapsulated lipid nanoparticles enables targeted anti-inflammatory control. bioRxiv : the preprint server for biology.

Hatanaka F, et al. (2024) Therapeutic strategy for spinal muscular atrophy by combining gene supplementation and genome editing. Nature communications, 15(1), 6191.

Neumann B, et al. (2021) Myc determines the functional age state of oligodendrocyte progenitor cells. Nature aging, 1(9), 826.

Moghadam F, et al. (2020) Synthetic immunomodulation with a CRISPR super-repressor in vivo. Nature cell biology, 22(9), 1143.

Segel M, et al. (2019) Niche stiffness underlies the ageing of central nervous system progenitor cells. Nature, 573(7772), 130.

Neumann B, et al. (2019) Metformin Restores CNS Remyelination Capacity by Rejuvenating Aged Stem Cells. Cell stem cell, 25(4), 473.