

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

pAAV-Neo_CAG

RRID:Addgene_220537

Type: Plasmid

Proper Citation

RRID:Addgene_220537

Plasmid Information

URL: <http://www.addgene.org/220537>

Proper Citation: RRID:Addgene_220537

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:41372705](#)

Vector Backbone Description: Vector Backbone:pAAV-Neo_CAG; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: pAAV-Neo_CAG is an empty AAVS1-targeting backbone used as a filler plasmid during genome editing. It carries a CAG-driven neomycin resistance cassette and is co-delivered with pAAV-Puro_siKD2.0 (Plasmid #220536) during nucleofection to enrich for biallelic AAVS1 integration. This plasmid does not express any shRNA or functional payload and serves only as a selection-compatible filler vector. Please visit <https://dx.doi.org/10.17504/protocols.io.e6nvw4q29lmk/v1> for a detailed protocol for use.

Plasmid Name: pAAV-Neo_CAG

Record Creation Time: 20251210T060414+0000

Record Last Update: 20260902T044145+0000

Ratings and Alerts

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

No alerts have been found for pAAV-Neo_CAG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Balmas E, et al. (2026) Single cell transcriptional perturbome in pluripotent stem cell models. Molecular systems biology, 22(2), 179.