

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

pZac2.1 SV40-CMV-SaCas9-3xNLS

RRID:Addgene_78601

Type: Plasmid

Proper Citation

RRID:Addgene_78601

Plasmid Information

URL: <http://www.addgene.org/78601>

Proper Citation: RRID:Addgene_78601

Insert Name: SV40-CMV-SaCas9-3xNLS

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26721686](#)

Vector Backbone Description: Vector Backbone:pZac2.1; Vector Types:Mammalian Expression, AAV, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pZac2.1 SV40-CMV-SaCas9-3xNLS

Record Creation Time: 20220422T222517+0000

Record Last Update: 20260815T082025+0000

Ratings and Alerts

No rating or validation information has been found for pZac2.1 SV40-CMV-SaCas9-3xNLS.

No alerts have been found for pZac2.1 SV40-CMV-SaCas9-3xNLS.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Kawanabe-Kobayashi R, et al. (2026) Descending locus coeruleus noradrenergic signaling to spinal astrocyte subset is required for stress-induced mechanical pain hypersensitivity. eLife, 14.

Koga K, et al. (2020) Intrinsic braking role of descending locus coeruleus noradrenergic neurons in acute and chronic itch in mice. Molecular brain, 13(1), 144.