Resource Summary Report

Generated by kravitz2 on Aug 12, 2026

NLS-dCas9-trCIB1

RRID:Addgene_64119
Type: Plasmid

Proper Citation

RRID:Addgene_64119

Plasmid Information

URL: http://www.addgene.org/64119

Proper Citation: RRID:Addgene_64119

Insert Name: dCas9-trCIB1 fusion

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:25619936

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5500; Vector Backbone:pcDNA3.1/V5-His A; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: NLS-dCas9-trCIB1

Relevant Mutation: dCas9 (D10A H840A, catalytically inactive), trCIB1 (C terminally truncated CIB1, delta 308-334)

Record Creation Time: 20220422T222407+0000

Record Last Update: 20260808T081953+0000

Ratings and Alerts

No rating or validation information has been found for NLS-dCas9-trCIB1.

No alerts have been found for NLS-dCas9-trCIB1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Putri RR, et al. (2018) Spatiotemporal control of zebrafish (Danio rerio) gene expression using a light-activated CRISPR activation system. Gene, 677, 273.

Nihongaki Y, et al. (2017) CRISPR-Cas9-based photoactivatable transcription systems to induce neuronal differentiation. Nature methods, 14(10), 963.

Lin F, et al. (2016) An Efficient Light-Inducible P53 Expression System for Inhibiting Proliferation of Bladder Cancer Cell. International journal of biological sciences, 12(10), 1273.

Jusiak B, et al. (2016) Engineering Synthetic Gene Circuits in Living Cells with CRISPR Technology. Trends in biotechnology, 34(7), 535.