

Resource Summary Report

Generated by [NIF](#) on Jul 31, 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: 20260725T074958+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 [NIF](#) .

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.