

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

pNOC_dCas9_sgRNA NC

RRID:Addgene_176259

Type: Plasmid

Proper Citation

RRID:Addgene_176259

Plasmid Information

URL: <http://www.addgene.org/176259>

Proper Citation: RRID:Addgene_176259

Insert Name: dead spCas9

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34793143](#)

Vector Backbone Description: Vector Backbone:pUC19; Vector Types:CRISPR, Luciferase, Synthetic Biology, Expression in microalgae Nannochloropsis oceanica; Bacterial Resistance:Ampicillin

Plasmid Name: pNOC_dCas9_sgRNA NC

Relevant Mutation: H840A and D10A mutations on spCas9 to inactivate the endonuclease activity.

Record Creation Time: 20220422T222018+0000

Record Last Update: 20260808T081304+0000

Ratings and Alerts

No rating or validation information has been found for pNOC_dCas9_sgRNA NC.

No alerts have been found for pNOC_dCas9_sgRNA NC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.