

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

pNOC_dfnCas12a_crRNA NC

RRID:Addgene_176256

Type: Plasmid

Proper Citation

RRID:Addgene_176256

Plasmid Information

URL: <http://www.addgene.org/176256>

Proper Citation: RRID:Addgene_176256

Insert Name: humanized fnCas12a

Organism: Francisella novicida

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_dfnCas12a_crRNA NC

Relevant Mutation: D917A and E1006A mutations to inactivate the endonuclease activity of Cas12a

Record Creation Time: 20220422T222018+0000

Record Last Update: 20260808T081304+0000

Ratings and Alerts

No rating or validation information has been found for pNOC_dfnCas12a_crRNA NC.

No alerts have been found for pNOC_dfnCas12a_crRNA NC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.