

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pC0040-LwaCas13a crRNA backbone

RRID:Addgene_103851

Type: Plasmid

Proper Citation

RRID:Addgene_103851

Plasmid Information

URL: <http://www.addgene.org/103851>

Proper Citation: RRID:Addgene_103851

Insert Name: U6-LwaCas13aDR-BbsI-BbsI-polyT

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29070703](https://pubmed.ncbi.nlm.nih.gov/29070703/)

Vector Backbone Description: Backbone Size:2686; Vector Backbone:pUC19; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: Benchling link: <https://benchling.com/s/seq-0SqKieU2CWyd3RRawuKp>

Plasmid Name: pC0040-LwaCas13a crRNA backbone

Record Creation Time: 20220422T221503+0000

Record Last Update: 20260725T073402+0000

Ratings and Alerts

No rating or validation information has been found for pC0040-LwaCas13a crRNA backbone.

No alerts have been found for pC0040-LwaCas13a crRNA backbone.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Liu X, et al. (2023) Hierarchically tumor-activated nanoCRISPR-Cas13a facilitates efficient microRNA disruption for multi-pathway-mediated tumor suppression. *Theranostics*, 13(9), 2774.

Sun W, et al. (2021) A New Method for Studying RNA-binding Proteins on Specific RNAs. *Bio-protocol*, 11(10), e4022.

Challagulla A, et al. (2021) In Vitro Inhibition of Influenza Virus Using CRISPR/Cas13a in Chicken Cells. *Methods and protocols*, 4(2).