

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 28, 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:** 20260826T040338+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 [PRECISE-TBI](#) .

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).