

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pLentiRNACRISPR_005 - hU6-DR_BsmBI-EFS-RfxCas13d-NLS-2A-Puro-WPRE

RRID:Addgene_138147

Type: Plasmid

Proper Citation

RRID:Addgene_138147

Plasmid Information

URL: <http://www.addgene.org/138147>

Proper Citation: RRID:Addgene_138147

Insert Name: CasRx

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32518401](#)

Vector Backbone Description: Vector Backbone:lentiCRISPRv2; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please visit <https://doi.org/10.1101/2019.12.27.889089> for bioRxiv preprint.

Plasmid Name: pLentiRNACRISPR_005 - hU6-DR_BsmBI-EFS-RfxCas13d-NLS-2A-Puro-WPRE

Record Creation Time: 20220422T221759+0000

Record Last Update: 20260815T080620+0000

Ratings and Alerts

No rating or validation information has been found for pLentiRNACRISPR_005 - hU6-DR_BsmBI-EFS-RfxCas13d-NLS-2A-Puro-WPRE.

No alerts have been found for pLentiRNACRISPR_005 - hU6-DR_BsmBI-EFS-RfxCas13d-NLS-2A-Puro-WPRE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Kiriakopoulos K, et al. (2025) LncRNA CISTR-ACT regulates cell size in human and mouse by guiding FOSL2. Nature communications, 17(1), 872.

Hussein M, et al. (2024) Evaluation of the effect of RNA secondary structure on Cas13d-mediated target RNA cleavage. Molecular therapy. Nucleic acids, 35(3), 102278.

Fang Z, et al. (2023) Downregulation of hepatic lncRNA Gm19619 improves gluconeogenesis and lipogenesis following vertical sleeve gastrectomy in mice. Communications biology, 6(1), 105.

Hussein M, et al. (2023) Efficient CRISPR-Cas13d-Based Antiviral Strategy to Combat SARS-CoV-2. Viruses, 15(3).

Li C, et al. (2023) Characterization of the circRNA Landscape in Interleukin-4 Induced Anti-Inflammatory Microglia. Biomedicines, 11(12).

Lewis MW, et al. (2022) Enhancer RNA Transcription Is Essential for a Novel CSF1 Enhancer in Triple-Negative Breast Cancer. Cancers, 14(7).

Li M, et al. (2022) Dissecting super-enhancer driven transcriptional dependencies reveals novel therapeutic strategies and targets for group 3 subtype medulloblastoma. Journal of experimental & clinical cancer research : CR, 41(1), 311.

Han Y, et al. (2022) Long noncoding RNA LINC00239 inhibits ferroptosis in colorectal cancer by binding to Keap1 to stabilize Nrf2. Cell death & disease, 13(8), 742.

Chang Y, et al. (2022) Chemically-defined generation of human hemogenic endothelium and definitive hematopoietic progenitor cells. Biomaterials, 285, 121569.

Yang B, et al. (2022) Macrophages and neutrophils are necessary for ER stress-induced ?? cell loss. Cell reports, 40(8), 111255.