Resource Summary Report

Generated by RRID on Aug 26, 2026

pLentiRNAGuide_001 - hU6-RfxCas13d-DR1-BsmBI-EFS-Puro-WPRE

RRID:Addgene_138150
Type: Plasmid

Proper Citation

RRID:Addgene_138150

Plasmid Information

URL: http://www.addgene.org/138150

Proper Citation: RRID:Addgene_138150

Insert Name: hU6_Rfxcas13d-DR1_BsmBI

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: pLentiRNAGuide_001 - hU6-RfxCas13d-DR1-BsmBI-EFS-Puro-WPRE

Relevant Mutation: DR1 A>T

Record Creation Time: 20220422T221759+0000

Record Last Update: 20260815T080620+0000

Ratings and Alerts

No rating or validation information has been found for pLentiRNAGuide_001 - hU6-RfxCas13d-DR1-BsmBI-EFS-Puro-WPRE.

No alerts have been found for pLentiRNAGuide_001 - hU6-RfxCas13d-DR1-BsmBI-EFS-Puro-WPRE.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Wang D, et al. (2026) PRMT5 is Frequently Upregulated and a Potential Therapeutic Target in MTAP-deficient Malignant Peripheral Nerve Sheath Tumors. bioRxiv : the preprint server for biology.

Asada S, et al. (2026) Disruption of microhomology-mediated end joining in Ewing sarcoma. Molecular cell.

Dupas SJ, et al. (2026) Splice isoform-perturbation coupled to single cell transcriptome profiling reveals functions of microexons in neurogenesis and autism-linked pathways. Nature communications, 17(1), 1217.

Caragine CM, et al. (2025) Comprehensive dissection of cis-regulatory elements in a 2.8???Mb topologically associated domain in six human cancers. Nature communications, 16(1), 1611.

Song X, et al. (2025) A single-cell atlas of RNA alternative splicing in the glioma-immune ecosystem. Genome biology, 26(1), 426.

Esposito F, et al. (2025) DROSHA, DICER, and damage-induced long ncRNA control BMI1-dependent transcriptional repression at DNA double-strand break. Cell reports, 44(12), 116605.

Teng M, et al. (2025) Circular RMST cooperates with lineage-driving transcription factors to govern neuroendocrine transdifferentiation. Cancer cell, 43(5), 891.

Umemori M, et al. (2025) Impact of circPVT1 Expression on Prostate Cancer Malignancy and Tumor Growth. Acta histochemica et cytochemica, 58(3), 133.

Recinos Y, et al. (2024) CRISPR-dCas13d-based deep screening of proximal and distal splicing-regulatory elements. Nature communications, 15(1), 3839.

Recinos Y, et al. (2024) Lineage-specific splicing regulation of MAPT gene in the primate brain. Cell genomics, 4(6), 100563.

Shembrey C, et al. (2024) Principles of CRISPR-Cas13 mismatch intolerance enable selective silencing of point-mutated oncogenic RNA with single-base precision. Science advances, 10(51), eadl0731.

Montero JJ, et al. (2024) Genome-scale pan-cancer interrogation of lncRNA dependencies using CasRx. Nature methods, 21(4), 584.

Li JD, et al. (2024) Efficient, specific, and combinatorial control of endogenous exon splicing with dCasRx-RBM25. Molecular cell, 84(13), 2573.

Ren S, et al. (2024) PAPAS promotes differentiation of mammary epithelial cells and suppresses breast carcinogenesis. Cell reports, 43(1), 113644.

Noviello G, et al. (2023) CasTuner is a degron and CRISPR/Cas-based toolkit for analog tuning of endogenous gene expression. Nature communications, 14(1), 3225.

Piras R, et al. (2022) circCsnk1g3- and circAnkib1-regulated interferon responses in sarcoma promote tumorigenesis by shaping the immune microenvironment. Nature communications, 13(1), 7243.

Witkowski MT, et al. (2022) NUDT21 limits CD19 levels through alternative mRNA polyadenylation in B cell acute lymphoblastic leukemia. Nature immunology, 23(10), 1424.