

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.