

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pLV-U6-gRNA-UbC-DsRed-P2A-Bsr

RRID:Addgene_83919

Type: Plasmid

Proper Citation

RRID:Addgene_83919

Plasmid Information

URL: <http://www.addgene.org/83919>

Proper Citation: RRID:Addgene_83919

Insert Name: DsRed-Express2

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28369033](#)

Vector Backbone Description: Vector Backbone:FUGW; Vector Types:Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: Digest with BsmBI to remove ~1.9 kb stuffer for cloning in protospacer sequences.

Plasmid Name: pLV-U6-gRNA-UbC-DsRed-P2A-Bsr

Record Creation Time: 20220422T222542+0000

Record Last Update: 20260815T082109+0000

Ratings and Alerts

No rating or validation information has been found for pLV-U6-gRNA-UbC-DsRed-P2A-Bsr.

No alerts have been found for pLV-U6-gRNA-UbC-DsRed-P2A-Bsr.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Matoba N, et al. (2025) Massively parallel assessment of gene regulatory activity at human cortical structure associated variants. bioRxiv : the preprint server for biology.

Weston JD, et al. (2025) CRISPRa genome-wide screen identifies novel gene targets for osteogenic cell engineering. Journal of tissue engineering, 16, 20417314251390038.

Lewis C, et al. (2025) ZNF865 (BLST) Regulates Human Cell Senescence and DNA Damage. bioRxiv : the preprint server for biology.

Levis H, et al. (2023) Multiplex gene editing to promote cell survival using low-pH clustered regularly interspaced short palindromic repeats activation (CRISPRa) gene perturbation. Cytotherapy, 25(10), 1069.

Pontius WD, et al. (2023) Temporal chromatin accessibility changes define transcriptional states essential for osteosarcoma metastasis. Nature communications, 14(1), 7209.

Lancho O, et al. (2023) A Therapeutically Targetable NOTCH1-SIRT1-KAT7 Axis in T-cell Leukemia. Blood cancer discovery, 4(1), 12.

Cerda-Smith CG, et al. (2023) Integrative PTEN Enhancer Discovery Reveals a New Model of Enhancer Organization. bioRxiv : the preprint server for biology.

Bohnsack JP, et al. (2022) Targeted epigenomic editing ameliorates adult anxiety and excessive drinking after adolescent alcohol exposure. Science advances, 8(18), eabn2748.

Maybury-Lewis SY, et al. (2021) Changing and stable chromatin accessibility supports transcriptional overhaul during neural stem cell activation and is altered with age. Aging cell, 20(11), e13499.

Sakashita A, et al. (2020) Endogenous retroviruses drive species-specific germline transcriptomes in mammals. Nature structural & molecular biology, 27(10), 967.

Farhang N, et al. (2020) Synergistic CRISPRa-Regulated Chondrogenic Extracellular Matrix Deposition Without Exogenous Growth Factors. Tissue engineering. Part A, 26(21-22), 1169.

Bayles I, et al. (2019) Ex vivo screen identifies CDK12 as a metastatic vulnerability in osteosarcoma. The Journal of clinical investigation, 129(10), 4377.

Klann TS, et al. (2018) Screening Regulatory Element Function with CRISPR/Cas9-based Epigenome Editing. Methods in molecular biology (Clifton, N.J.), 1767, 447.