

Resource Summary Report

Generated by [kravitz2](#) on Aug 10, 2026

LRG (Lenti_sgRNA_EFS_GFP)

RRID:Addgene_65656

Type: Plasmid

Proper Citation

RRID:Addgene_65656

Plasmid Information

URL: <http://www.addgene.org/65656>

Proper Citation: RRID:Addgene_65656

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25961408](#)

Vector Backbone Description: Backbone Marker:Modified from lentiCRISPRv1 (Addgene Plasmid 49535); Backbone Size:9294; Vector Backbone:Lenti virus; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: LRG (Lenti_sgRNA_EFS_GFP)

Record Creation Time: 20220422T222413+0000

Record Last Update: 20260808T082006+0000

Ratings and Alerts

No rating or validation information has been found for LRG (Lenti_sgRNA_EFS_GFP).

No alerts have been found for LRG (Lenti_sgRNA_EFS_GFP).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 73 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Cao Z, et al. (2026) CRISPR-based functional genomics for dissecting therapeutic dependency in primary acute myeloid leukemia samples. *Molecular cell*, 86(5), 968.

Sreekumar A, et al. (2026) Residual Breast Cancer Cells Co-opt SOX5-Driven Endochondral Ossification to Maintain Dormancy. *Cancer discovery*, 16(4), 781.

Xu S, et al. (2026) Dual function of DOT1L suppresses tumor cell-intrinsic immunogenicity in hepatocellular carcinoma. *Oncogene*, 45(16), 1484.

Cramer Z, et al. (2026) APC coordinates GSK3 phosphorylation of SETD8 to suppress colorectal cancer. *Cell reports*, 45(3), 117045.

Hubbi ME, et al. (2026) The HIF-2 transcription factor mediates resistance to ferroptosis in pancreatic cancer. *Molecular cell*, 86(7), 1260.

Vargas C, et al. (2025) CD44 Marks Dormant Tumor Cells After HER2 Inhibition in Breast Cancer Cells. *International journal of molecular sciences*, 26(10).

Shamloo S, et al. (2025) RNA binding of GAPDH controls transcript stability and protein translation in acute myeloid leukemia. *RNA biology*, 22(1), 1.

Petroulia S, et al. (2025) Uncovering Novel lncRNAs Linked to Melanoma Growth and Migration with CRISPR Inhibition Screening. *Cancer research communications*, 5(7), 1102.

Dzama-Karels M, et al. (2025) Menin-MLL1 complex cooperates with NF-Y to promote HCC survival. *bioRxiv : the preprint server for biology*.

Xu S, et al. (2025) SWI/SNF complex-mediated ZNF410 cooperative binding maintains chromatin accessibility and enhancer activity. *Cell reports*, 44(4), 115476.

Long K, et al. (2025) A clinical-stage oncology compound selectively targets drug-resistant cancers. *bioRxiv : the preprint server for biology*.

Dzama-Karels M, et al. (2025) Menin-MLL1 complex cooperates with NF-Y to promote hepatocellular carcinoma survival. *Cell reports*, 44(12), 116619.

Verma N, et al. (2024) Genome scale CRISPR screens identify actin capping proteins as key modulators of therapeutic responses to radiation and immunotherapy. *bioRxiv : the preprint server for biology*.

Walton J, et al. (2024) PRMT1 inhibition perturbs RNA metabolism and induces DNA damage in clear cell renal cell carcinoma. *Nature communications*, 15(1), 8232.

Sreekumar A, et al. (2024) B3GALT6 promotes dormant breast cancer cell survival and recurrence by enabling heparan sulfate-mediated FGF signaling. *Cancer cell*, 42(1), 52.

Matsui S, et al. (2024) Pioneer and PRDM transcription factors coordinate bivalent epigenetic states to safeguard cell fate. *Molecular cell*, 84(3), 476.

Matsui S, et al. (2024) Protocol for establishing inducible CRISPRd system for blocking transcription factor-binding sites in human pluripotent stem cells. STAR protocols, 5(3), 103233.

Freeland J, et al. (2024) Genetic Screen in a Preclinical Model of Sarcoma Development Defines Drivers and Therapeutic Vulnerabilities. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(21), 4957.

Fischer S, et al. (2024) IRF2BP2 counteracts the ATF7/JDP2 AP-1 heterodimer to prevent inflammatory overactivation in acute myeloid leukemia (AML) cells. Nucleic acids research, 52(13), 7590.

Hayes BH, et al. (2023) Chromosomal instability can favor macrophage-mediated immune response and induce a broad, vaccination-like anti-tumor IgG response. bioRxiv : the preprint server for biology.