

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

Lenti-Cas9-gRNA-GFP

RRID:Addgene_124770

Type: Plasmid

Proper Citation

RRID:Addgene_124770

Plasmid Information

URL: <http://www.addgene.org/124770>

Proper Citation: RRID:Addgene_124770

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31503414](#)

Vector Backbone Description: Vector Backbone:LRG2.1 (Addgene #108098); Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: Lenti-Cas9-gRNA-GFP

Record Creation Time: 20220422T221654+0000

Record Last Update: 20260808T080648+0000

Ratings and Alerts

No rating or validation information has been found for Lenti-Cas9-gRNA-GFP.

No alerts have been found for Lenti-Cas9-gRNA-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Schukken KM, et al. (2026) Paired CRISPR screens identify mitochondrial metabolism and UBE2H as aneuploid-specific dependencies in human cancer cell lines. *bioRxiv* : the preprint server for biology.

Woo MS, et al. (2025) The immunoproteasome disturbs neuronal metabolism and drives neurodegeneration in multiple sclerosis. *Cell*, 188(17), 4567.

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

Julian L, et al. (2025) On-target toxicity limits the efficacy of CDK11 inhibition against cancers with 1p36 deletions. *bioRxiv* : the preprint server for biology.

Bhattarai S, et al. (2025) H3F3A K27M mutations drive a repressive transcriptome by modulating chromatin accessibility independent of H3K27me3 in Diffuse Midline Glioma. *Epigenetics & chromatin*, 18(1), 23.

Wang F, et al. (2025) A ROR1 targeted bispecific T cell engager shows high potency in the pre-clinical model of triple negative breast cancer. *Breast cancer research : BCR*, 27(1), 47.

Woo MS, et al. (2024) STING orchestrates the neuronal inflammatory stress response in multiple sclerosis. *Cell*, 187(15), 4043.

Ke C, et al. (2024) GTP binding protein 2 maintains the quiescence, self-renewal, and chemoresistance of mouse colorectal cancer stem cells via promoting Wnt signaling activation. *Heliyon*, 10(5), e27159.

Day CA, et al. (2024) The histone H3.3 K27M mutation suppresses Ser31phosphorylation and mitotic fidelity, which can directly drive gliomagenesis. *Current biology : CB*.

Winschel I, et al. (2024) Sex- and species-specific contribution of CD99 to T cell costimulation during multiple sclerosis. *Biology of sex differences*, 15(1), 41.

Juras PK, et al. (2023) Increased CaMKK2 Expression Is an Adaptive Response That Maintains the Fitness of Tumor-Infiltrating Natural Killer Cells. *Cancer immunology research*, 11(1), 109.

Girish V, et al. (2023) Oncogene-like addiction to aneuploidy in human cancers. *Science (New York, N.Y.)*, 381(6660), eadg4521.

Roy IM, et al. (2022) Inhibition of SRC-mediated integrin signaling in bone marrow niche enhances hematopoietic stem cell function. *iScience*, 25(10), 105171.

Lukow DA, et al. (2021) Chromosomal instability accelerates the evolution of resistance to anti-cancer therapies. *Developmental cell*, 56(17), 2427.