

Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

lentiCRISPRv2 neo

RRID:Addgene_98292

Type: Plasmid

Proper Citation

RRID:Addgene_98292

Plasmid Information

URL: <http://www.addgene.org/98292>

Proper Citation: RRID:Addgene_98292

Insert Name: P2a-neo

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30894629](#)

Vector Backbone Description: Backbone Marker:Feng Zhang (Addgene #52961); Backbone Size:15072; Vector Backbone:lentiCRISPRv2; Vector Types:Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: Double stranded oligonucleotides encoding sgRNA sequences can be cloned between the BsmBI restriction sites as for lentiCRISPRv2. The second MluI site in the original lentiCRISPRv2 plasmid was destroyed by Klenow end-filling and religation after MluI digestion. For target guide (sgRNA) sequence cloning instructions, please see <https://www.addgene.org/52961> for the Zhang's lab lentiCRISPR v2 guide.

Plasmid Name: lentiCRISPRv2 neo

Record Creation Time: 20220422T222629+0000

Record Last Update: 20260902T050538+0000

Ratings and Alerts

No rating or validation information has been found for lentiCRISPRv2 neo.

No alerts have been found for lentiCRISPRv2 neo.

Data and Source Information

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Xie A, et al. (2026) Citrate clearance is a major function of aconitase 2 in the canonical TCA cycle. *Cell*, 189(9), 2684.

Ramesh PS, et al. (2026) Inactivation of the RB1 and PTPN14 tumor suppressors cooperatively enables the carcinogenic activity of the human papillomavirus E7 oncoprotein. *bioRxiv : the preprint server for biology*.

Weixler L, et al. (2026) DHX36 is a regulatory switch in the interferon-mediated antiviral response. *Science advances*, 12(22), eaef5520.

Oyama T, et al. (2025) PHGDH inhibition and FOXO3 modulation drives PUMA-dependent apoptosis in osteosarcoma. *Cell death & disease*, 16(1), 89.

Guzelsoy G, et al. (2025) Cooperative nutrient scavenging is an evolutionary advantage in cancer. *Nature*, 640(8058), 534.

Huang T, et al. (2025) STING-induced noncanonical autophagy regulates endolysosomal homeostasis. *Proceedings of the National Academy of Sciences of the United States of America*, 122(8), e2415422122.

Zheng YH, et al. (2025) ADAM17 is an HIV-1 Restriction Factor Antagonized by Nef. *Research square*.

Shin S, et al. (2025) mTOR inhibition reprograms cellular lipid homeostasis by inducing alternative lipid uptake and promoting cholesterol transport. *Molecular cell*, 85(18), 3486.

Losier TT, et al. (2025) Identification of organelle-specific autophagy regulators from tandem CRISPR screens. *The Journal of cell biology*, 224(10).

Watt K, et al. (2025) Epigenetic alterations facilitate transcriptional and translational programs in hypoxia. *Nature cell biology*, 27(11), 1965.

Wu CJ, et al. (2024) The histone methyltransferase KMT2D maintains cellular glucocorticoid responsiveness by shielding the glucocorticoid receptor from degradation. *The Journal of biological chemistry*, 300(8), 107581.

Otsuka S, et al. (2024) Calcineurin is an adaptor required for assembly of the TCR signaling complex. *Cell reports*, 43(8), 114568.

Jiao M, et al. (2024) VHL loss enhances antitumor immunity by activating the anti-viral DNA-sensing pathway. *iScience*, 27(7), 110285.

Dietsche L, et al. (2024) Loss of SMAD1 in acute myeloid leukemia with KMT2A::AFF1 and KMT2A::MLLT3 fusion genes. *Frontiers in oncology*, 14, 1481713.

Chiba Y, et al. (2024) Caspase-4 promotes metastasis and interferon- γ -induced pyroptosis in lung adenocarcinoma. *Communications biology*, 7(1), 699.

Zhao L, et al. (2024) CPNE7 promotes colorectal tumorigenesis by interacting with NONO to initiate ZFP42 transcription. *Cell death & disease*, 15(12), 896.

Zhai X, et al. (2024) LDLR is used as a cell entry receptor by multiple alphaviruses. *Nature communications*, 15(1), 622.

Deleuze V, et al. (2024) Protocol for efficient CRISPR-Cas9-mediated fluorescent tag knockin in hard-to-transfect erythroid cell lines. *STAR protocols*, 5(2), 103016.

Miyakawa Y, et al. (2024) Gut Bacteria-derived Membrane Vesicles Induce Colonic Dysplasia by Inducing DNA Damage in Colon Epithelial Cells. *Cellular and molecular gastroenterology and hepatology*, 17(5), 745.

Mishima E, et al. (2023) DHODH inhibitors sensitize to ferroptosis by FSP1 inhibition. *Nature*, 619(7968), E9.