

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

LentiGuide-Neo

RRID:Addgene_139449

Type: Plasmid

Proper Citation

RRID:Addgene_139449

Plasmid Information

URL: <http://www.addgene.org/139449>

Proper Citation: RRID:Addgene_139449

Insert Name: no sgRNA inserted; resistance gene: neoR

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30478388](#)

Vector Backbone Description: Backbone Marker:Feng Zhang (Addgene plasmid # 52963); Vector Backbone:LentiGuide-Puro; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Generated by replacing PuroR gene with NeoR gene in LentiGuide-Puro from Feng Zhang (Addgene plasmid # 52963).

Plasmid Name: LentiGuide-Neo

Record Creation Time: 20220422T221806+0000

Record Last Update: 20260905T074845+0000

Ratings and Alerts

No rating or validation information has been found for LentiGuide-Neo.

No alerts have been found for LentiGuide-Neo.

Data and Source Information

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Konada RSR, et al. (2026) Hypofucosylation promotes pertussis toxin binding to cell surface glycoconjugates and pertussis toxin-induced intracellular ERK signaling. *Glycobiology*, 36(4).

Yang X, et al. (2026) Non-cognate CD8 Binding to MHC I Promotes Positive Selection of an MHC-E Restricted CD8 T Cell Population. *European journal of immunology*, 56(3), e70161.

Gao M, et al. (2025) SUCLG1 deficiency-induced histone succinylation impairs oncogene expression in acute myeloid leukemia. *Cell reports*, 44(8), 116147.

Hong D, et al. (2025) Loss of NOTCH2 creates a TRIM28-dependent vulnerability in small cell lung cancer. *Developmental cell*.

Skar?y?ska W, et al. (2025) The Hira complex regulates Gli3R-dependent transcription in Hedgehog signaling and medulloblastoma cell growth and migration. *Scientific reports*, 15(1), 324.

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

Althaus J, et al. (2023) Cytotoxicity of CD19-CAR-NK92 cells is primarily mediated via perforin/granzyme pathway. *Cancer immunology, immunotherapy : CII*, 72(8), 2573.

Nakamura T, et al. (2023) Phase separation of FSP1 promotes ferroptosis. *Nature*, 619(7969), 371.

Cortés-López M, et al. (2023) Single-cell multi-omics defines the cell-type-specific impact of splicing aberrations in human hematopoietic clonal outgrowths. *Cell stem cell*, 30(9), 1262.

Manoharan Valerio M, et al. (2023) The promiscuous development of an unconventional Qa1b-restricted T cell population. *Frontiers in immunology*, 14, 1250316.

Gunn K, et al. (2023) (R)-2-Hydroxyglutarate Inhibits KDM5 Histone Lysine Demethylases to Drive Transformation in IDH-Mutant Cancers. *Cancer discovery*, 13(6), 1478.

McKernan CM, et al. (2022) ABL kinases regulate translation in HER2+ cells through Y-box-binding protein 1 to facilitate colonization of the brain. *Cell reports*, 40(9), 111268.

Rebendenne A, et al. (2021) SARS-CoV-2 triggers an MDA-5-dependent interferon response which is unable to control replication in lung epithelial cells. *Journal of virology*, 95(8).