

Resource Summary Report

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

lentiCRISPRv2 hygro

RRID:Addgene_98291

Type: Plasmid

Proper Citation

RRID:Addgene_98291

Plasmid Information

URL: <http://www.addgene.org/98291>

Proper Citation: RRID:Addgene_98291

Insert Name: P2A-hygro

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30894629](#)

Vector Backbone Description: Backbone Marker:Feng Zhang (Addgene #52961); Backbone Size:15261; 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 hygro

Record Creation Time: 20220422T222629+0000

Record Last Update: 20260902T050538+0000

Ratings and Alerts

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

No alerts have been found for lentiCRISPRv2 hygro.

Data and Source Information

Usage and Citation Metrics

We found 84 mentions in open access literature.

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

Zimmerman SP, et al. (2026) Fusion-positive rhabdomyosarcoma oncofusions share a common interactome. Nature communications, 17(1).

Kuroda S, et al. (2026) The Cyclin C-CDK8/19 Mediator kinase module controls PRCC-TFE3 driven senescence in renal epithelium and tumorigenesis in TFE3-RCC. Neoplasia (New York, N.Y.), 75, 101296.

Onimus A, et al. (2026) Taxane chemotherapy promotes response to TIM-3 checkpoint blockade via STING-mediated ER stress and HMGB1 secretion. Cell reports. Medicine, 7(5), 102788.

Douglas T, et al. (2026) The atypical E3 ligase HOIL-1 safeguards the ribosome during cellular stress. Nature cell biology, 28(5), 930.

Fernandez Garcia M, et al. (2026) Transcriptomic and phenotypic convergence of neurodevelopmental disorder risk genes in vitro and in vivo. Nature neuroscience, 29(5), 1079.

Chua J, et al. (2026) A tumor-intrinsic WNT-inhibitory NOTUM program drives immune resistance in microsatellite stable colorectal cancer. Cell reports. Medicine, 7(5), 102776.

Xie Y, et al. (2026) nsP3-FXR co-condensation enables alphavirus replication and reveals a targetable alphavirus vulnerability. Cell reports, 45(6), 117495.

Kawamura K, et al. (2026) Cellular Mg²⁺ decrease causes a distinctive NF- κ B-dependent form of cell death. Cell reports, 45(2), 116964.

Deol KK, et al. (2026) Vitamin B2 metabolism promotes FSP1 stability to prevent ferroptosis. Nature structural & molecular biology, 33(3), 525.

Tsuchiya M, et al. (2026) GPLD1 is a scavenger carrier mediating lysosomal degradation of extracellular aberrant proteins. Life science alliance, 9(8).

Yassin O, et al. (2026) Deficiency of PTEN Confers Hypersensitivity to Fatty Acid-Mediated ER Stress in Transformed Hepatocytes. International journal of molecular sciences, 27(6).

Assi M, et al. (2026) Extracellular matrix sensing regulates intratumoral heterogeneity of autophagic flux. Cell, 189(6), 1731.

Fowler CE, et al. (2025) The PRMT5-splicing axis is a critical oncogenic vulnerability that regulates detained intron splicing. iScience, 28(7), 112965.

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

Dam N, et al. (2025) ZEB1, a novel junctional adhesion molecule A regulator, impacts sensitivity of pancreatic cancer-associated fibroblasts to reovirus. *Molecular therapy. Oncology*, 33(4), 201071.

Molina P, et al. (2025) Non-canonical EGFR signaling promotes MAPK-dependent extrusion of epithelial cells. *Journal of cell science*, 138(23).

Terraza-Silvestre E, et al. (2025) An unconventional autophagic pathway that inhibits ATP secretion during apoptotic cell death. *Nature communications*, 16(1), 3409.

Zhou X, et al. (2025) Potentiating anti-tumor immunity by re-engaging immune synapse molecules. *Cell reports. Medicine*, 6(3), 101975.

Li T, et al. (2025) Translation suppresses exogenous target RNA-mediated microRNA decay. *Nature communications*, 16(1), 5257.

Basu M, et al. (2025) Genes driving three-dimensional growth of immortalized cells and cancer. *Cell death & disease*, 16(1), 442.