Resource Summary Report

Generated by RRID on Aug 22, 2026

LentiV_Cas9_puro

RRID:Addgene_108100
Type: Plasmid

Proper Citation

RRID:Addgene_108100

Plasmid Information

URL: http://www.addgene.org/108100

Proper Citation: RRID:Addgene_108100

Insert Name: Cas9

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:29526696

Vector Backbone Description: Backbone Size:7000; Vector Backbone:LentiV_puro; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: LentiV_Cas9_puro

Record Creation Time: 20220422T221524+0000

Record Last Update: 20260815T080116+0000

Ratings and Alerts

No rating or validation information has been found for LentiV_Cas9_puro.

No alerts have been found for LentiV_Cas9_puro.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 60 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Shi L, et al. (2026) Mapping kinase-dependent tumor immune adaptation with multiplexed single-cell CRISPR screens. bioRxiv : the preprint server for biology.

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

Clayfield L, et al. (2026) Retinal determination network reactivation drives chemoresistance and blocks myeloid differentiation in acute myeloid leukemia. Cell reports, 45(2), 116875.

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

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

Li C, et al. (2025) Liver-breast communication of adipocyte-oriented exosomes drives primary mammary cancer progression. Cell metabolism.

Zheng S, et al. (2025) Phosphorylation of plectin by Akt3 promotes triple-negative breast cancer cell invasive migration. iScience, 28(10), 113552.

Johnson CS, et al. (2025) Targeted Deletion of Cxcl1 in MSCs Regulates Osteogenesis and Suppresses Bone-Metastatic Prostate Cancer. Molecular cancer research : MCR, 23(8), 739.

Todorov TZ, et al. (2025) Phosphoproteomics Reveals L1CAM-Associated Signaling Networks in High-Grade Serous Ovarian Carcinoma: Implications for Radioresistance and Tumorigenesis. International journal of molecular sciences, 26(10).

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.

Alpsoy A, et al. (2025) Structural basis of DNA-dependent coactivator recruitment by the tuft cell master regulator POU2F3. Cell reports, 44(11), 116572.

Zhang P, et al. (2025) Systematic evaluation of GAPs and GEFs identifies a targetable dependency for hematopoietic malignancies. Cancer discovery.

Xie M, et al. (2025) Tumor-resident probiotic Clostridium butyricum improves aPD-1 efficacy in colorectal cancer models by inhibiting IL-6-mediated immunosuppression. Cancer cell.

Tonelli C, et al. (2025) FGFR2 Abrogation Intercepts Pancreatic Ductal Adenocarcinoma Development. Cancer research, 85(11), 1960.

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

Liao Y, et al. (2024) Differential network analysis of ROS1 inhibitors reveals lorlatinib polypharmacology through co-targeting PYK2. Cell chemical biology, 31(2), 284.

He T, et al. (2024) Targeting the mSWI/SNF Complex in POU2F-POU2AF Transcription Factor-Driven Malignancies. bioRxiv : the preprint server for biology.

He T, et al. (2024) Targeting the mSWI/SNF complex in POU2F-POU2AF transcription factor-driven malignancies. Cancer cell, 42(8), 1336.

Zhao J, et al. (2024) Oncogenic transcription factors instruct promoter-enhancer hubs in individual triple negative breast cancer cells. Science advances, 10(32), eadl4043.

Alpsoy A, et al. (2024) I?B? is a dual-use coactivator of NF-?B and POU transcription factors. Molecular cell, 84(6), 1149.