

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 24, 2025

pMH0001

RRID:Addgene_85969

Type: Plasmid

Proper Citation

RRID:Addgene_85969

Plasmid Information

URL: <http://www.addgene.org/85969>

Proper Citation: RRID:Addgene_85969

Insert Name: dCas9

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27984733](https://pubmed.ncbi.nlm.nih.gov/27984733/)

Vector Backbone Description: Vector Backbone:pHR-SFFV-dCas9-BFP-KRAB; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pMH0001

Relevant Mutation: D10A, H840A

Record Creation Time: 20220422T222553+0000

Record Last Update: 20231115T081055+0000

Ratings and Alerts

No rating or validation information has been found for pMH0001.

No alerts have been found for pMH0001.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Yan J, et al. (2024) Improving prime editing with an endogenous small RNA-binding protein. *Nature*, 628(8008), 639.

Do BT, et al. (2024) Nucleotide depletion promotes cell fate transitions by inducing DNA replication stress. *Developmental cell*, 59(16), 2203.

Choi S, et al. (2024) The Role of IRF9 Upregulation in Modulating Sensitivity to Olaparib and Platinum-Based Chemotherapies in Breast Cancer. *Genes*, 15(7).

Conger KO, et al. (2024) ASCT2 is a major contributor to serine uptake in cancer cells. *Cell reports*, 43(8), 114552.

Chidley C, et al. (2024) A CRISPRi/a screening platform to study cellular nutrient transport in diverse microenvironments. *Nature cell biology*, 26(5), 825.

Vasudevan HN, et al. (2024) Functional interactions between neurofibromatosis tumor suppressors underlie Schwann cell tumor de-differentiation and treatment resistance. *Nature communications*, 15(1), 477.

Chen PB, et al. (2022) Systematic discovery and functional dissection of enhancers needed for cancer cell fitness and proliferation. *Cell reports*, 41(6), 111630.

Brooks R, et al. (2022) Circadian lncRNA ADIRF-AS1 binds PBAF and regulates renal clear cell tumorigenesis. *Cell reports*, 41(3), 111514.

Replogle JM, et al. (2022) Maximizing CRISPRi efficacy and accessibility with dual-sgRNA libraries and optimal effectors. *eLife*, 11.

Landry LG, et al. (2021) Multiplex T-cell Stimulation Assay Utilizing a T-cell Activation Reporter-based Detection System. *Bio-protocol*, 11(2), e3883.

Mann SE, et al. (2020) Multiplex T Cell Stimulation Assay Utilizing a T Cell Activation Reporter-Based Detection System. *Frontiers in immunology*, 11, 633.

Gerosa L, et al. (2020) Receptor-Driven ERK Pulses Reconfigure MAPK Signaling and Enable Persistence of Drug-Adapted BRAF-Mutant Melanoma Cells. *Cell systems*, 11(5), 478.

Palmer AC, et al. (2019) A curative combination cancer therapy achieves high fractional cell

killing through low cross-resistance and drug additivity. *eLife*, 8.