

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

pHRdSV40-dCas9-10xGCN4_v4-P2A-BFP

RRID:Addgene_60903

Type: Plasmid

Proper Citation

RRID:Addgene_60903

Plasmid Information

URL: <http://www.addgene.org/60903>

Proper Citation: RRID:Addgene_60903

Insert Name: Cas9 dead

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25307933](#)

Vector Backbone Description: Vector Backbone:pHR; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: For more information, visit <https://valelab4.ucsf.edu/external/research/suntag.html> Note this plasmid was used with the CRISPRa library, as described in Gilbert et al. Cell 2014 PubMed ID: 25307932.

Plasmid Name: pHRdSV40-dCas9-10xGCN4_v4-P2A-BFP

Record Creation Time: 20220422T222350+0000

Record Last Update: 20260815T081737+0000

Ratings and Alerts

No rating or validation information has been found for pHRdSV40-dCas9-10xGCN4_v4-P2A-BFP.

No alerts have been found for pHRdSV40-dCas9-10xGCN4_v4-P2A-BFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

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

Maurais EG, et al. (2026) Genome instability triggers intercellular DNA transfer between human cells. *Cell*, 189(15), 4548.

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

Lavi I, et al. (2026) CRISPR-PITA: An Imaging-Based CRISPR/dCas9 Assay to Determine Recruitment Directionality of Nuclear Proteins. *Bio-protocol*, 16(13), e5742.

Roy Chowdhury N, et al. (2025) Discovering the complete enhancer map of human herpesviruses using a natural language processing model. *Nature communications*, 17(1), 186.

Lavi I, et al. (2025) Unidirectional recruitment between MeCP2 and KSHV-encoded LANA revealed by CRISPR/Cas9 recruitment assay. *PLoS pathogens*, 21(3), e1012972.

Zhao T, et al. (2025) Derepressing nuclear pyruvate dehydrogenase induces therapeutic cancer cell reprogramming. *Cell metabolism*, 37(8), 1667.

Nicolas-Martinez EC, et al. (2024) RNA variant assessment using transactivation and transdifferentiation. *American journal of human genetics*, 111(8), 1673.

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

McFaline-Figueroa JL, et al. (2024) Multiplex single-cell chemical genomics reveals the kinase dependence of the response to targeted therapy. *Cell genomics*, 4(2), 100487.

Arriaga JM, et al. (2024) In vivo genome-wide CRISPR screening identifies CITED2 as a driver of prostate cancer bone metastasis. *Oncogene*, 43(17), 1303.

Mu S, et al. (2024) Enhancing prime editor flexibility with coiled-coil heterodimers. *Genome biology*, 25(1), 108.

Lin YF, et al. (2023) Mitotic clustering of pulverized chromosomes from micronuclei. *Nature*, 618(7967), 1041.

Conger KO, et al. (2023) ASCT2 is the primary serine transporter in cancer cells. *bioRxiv : the preprint server for biology*.

McFaline-Figueroa JL, et al. (2023) Multiplex single-cell chemical genomics reveals the kinase dependence of the response to targeted therapy. *bioRxiv : the preprint server for biology*.

Liu X, et al. (2023) IMPDH inhibition activates TLR-VCAM1 pathway and suppresses the development of MLL-fusion leukemia. *EMBO molecular medicine*, 15(1), e15631.

Yabushita T, et al. (2023) Mitotic perturbation is a key mechanism of action of decitabine in myeloid tumor treatment. *Cell reports*, 42(9), 113098.

Wood RK, et al. (2022) Secretory defects in pediatric osteosarcoma result from downregulation of selective COPII coatomer proteins. *iScience*, 25(4), 104100.

Danziger O, et al. (2022) Inducible CRISPR activation screen for interferon-stimulated genes identifies OAS1 as a SARS-CoV-2 restriction factor. *PLoS pathogens*, 18(4), e1010464.

Liao CG, et al. (2022) Active demethylation upregulates CD147 expression promoting non-small cell lung cancer invasion and metastasis. *Oncogene*, 41(12), 1780.

Liu X, et al. (2022) G-quadruplex-guided RNA engineering to modulate CRISPR-based genomic regulation. *Nucleic acids research*, 50(19), 11387.