Resource Summary Report

Generated by dkNET on Sep 16, 2026

pHR-SFFV-dCas9-BFP-KRAB

RRID:Addgene_46911
Type: Plasmid

Proper Citation

RRID:Addgene_46911

Plasmid Information

URL: http://www.addgene.org/46911

Proper Citation: RRID:Addgene_46911

Insert Name: dCas9-BFP-KRAB fusion

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:23849981

Vector Backbone Description: Backbone Marker:Addgene; Backbone Size:9000; Vector Backbone:pHR; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: This plasmid was used in the experiments requiring stable expression of KRAB-dCas9 fusion protein from Gilbert et al., 2014 "Genome-Scale CRISPR-Mediated Control of Gene Repression and Activation." Cell 159(3):647-61 PubMed ID: 25307932

Plasmid Name: pHR-SFFV-dCas9-BFP-KRAB

Record Creation Time: 20220422T222241+0000

Record Last Update: 20260912T092749+0000

Ratings and Alerts

No rating or validation information has been found for pHR-SFFV-dCas9-BFP-KRAB.

No alerts have been found for pHR-SFFV-dCas9-BFP-KRAB.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 121 mentions in open access literature.

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

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

Fan C, et al. (2025) Identification of a SNAI1 enhancer RNA that drives cancer cell plasticity. Nature communications, 16(1), 2890.

LaVigne CA, et al. (2025) Plagl1 and Lrrc58 control mammalian body size by triggering target-directed microRNA degradation of miR-322 and miR-503. bioRxiv : the preprint server for biology.

Mei W, et al. (2025) A commonly inherited human PCSK9 germline variant drives breast cancer metastasis via LRP1 receptor. Cell, 188(2), 371.

Hazan JM, et al. (2025) Protocol for simplified parallel perturbations using an abridged long non-coding RNA CRISPR library. STAR protocols, 6(4), 104110.

Kraft K, et al. (2025) Enhancer activation from transposable elements in extrachromosomal DNA. Nature cell biology, 27(11), 1914.

Chang K, et al. (2025) Modulating the PPAR?? pathway upregulates NECTIN4 and enhances chimeric antigen receptor (CAR) T cell therapy in bladder cancer. Nature communications, 16(1), 8215.

Tian X, et al. (2025) Single-cell multiomics reveals a gene regulatory circuit driving leukemia cell differentiation. Oncogene, 44(19), 1350.

Huang Y, et al. (2025) Two unrelated distal genes activated by a shared enhancer benefit from localizing inside the same small topological domain. Genes & development, 39(5-6), 348.

Ou KL, et al. (2025) Two waves of adipogenesis in developing avian skin and dermal plasticity. Developmental biology, 525, 58.

Turnham RE, et al. (2025) HBV Remodels PP2A Complexes to Rewire Kinase Signaling in Hepatocellular Carcinoma. Cancer research, 85(4), 660.

Hostetler JE, et al. (2025) The long noncoding RNA Peanut (Gm11454) promotes neurogenesis and rod photoreceptor differentiation during postnatal retinal development. bioRxiv : the preprint server for biology.

Love L, et al. (2025) PADI4-mediated citrullination of histone H3 stimulates HIV-1 transcription. Nature communications, 16(1), 5393.

Tjalsma SJD, et al. (2025) Long-range enhancer-controlled genes are hypersensitive to regulatory factor perturbations. Cell genomics, 5(3), 100778.

Li J, et al. (2024) Mechanosensitive super-enhancers regulate genes linked to atherosclerosis in endothelial cells. The Journal of cell biology, 223(3).

Xu Z, et al. (2024) Dissecting key regulators of transcriptome kinetics through scalable single-cell RNA profiling of pooled CRISPR screens. Nature biotechnology, 42(8), 1218.

Kraft K, et al. (2024) Enhancer activation from transposable elements in extrachromosomal DNA. bioRxiv : the preprint server for biology.

Hua X, et al. (2024) A Ctnnb1 enhancer transcriptionally regulates Wnt signaling dosage to balance homeostasis and tumorigenesis of intestinal epithelia. eLife, 13.

Hao JD, et al. (2024) DDX21 mediates co-transcriptional RNA m6A modification to promote transcription termination and genome stability. Molecular cell, 84(9), 1711.

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.