Resource Summary Report

Generated by RRID on Aug 27, 2026

pLV-dCas9-KRAB-PGK-HygR

RRID:Addgene_83890
Type: Plasmid

Proper Citation

RRID:Addgene_83890

Plasmid Information

URL: http://www.addgene.org/83890

Proper Citation: RRID:Addgene_83890

Insert Name: humanized dead Cas9 KRAB

Organism: S. Pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: PMID:28369033

Vector Backbone Description: Vector Backbone:FUGW; Vector Types:Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pLV-dCas9-KRAB-PGK-HygR

Relevant Mutation: D10A and H840A

Record Creation Time: 20220422T222541+0000

Record Last Update: 20260815T082112+0000

Ratings and Alerts

No rating or validation information has been found for pLV-dCas9-KRAB-PGK-HygR.

No alerts have been found for pLV-dCas9-KRAB-PGK-HygR.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Fang J, et al. (2026) Genome-wide CRISPR screen identifies a cytokine-enhancer circuit driving HIF-2?? activation in renal cancer. The Journal of clinical investigation, 136(10).

Zhou J, et al. (2025) SWI/SNF ATPase silenced HLF potentiates lung metastasis in solid cancers. Nature communications, 16(1), 5226.

Zhu T, et al. (2024) Integrated enhancer regulatory network by enhancer-promoter looping in gastric cancer. NAR cancer, 6(2), zcae020.

Bohnsack JP, et al. (2022) Targeted epigenomic editing ameliorates adult anxiety and excessive drinking after adolescent alcohol exposure. Science advances, 8(18), eabn2748.

Maybury-Lewis SY, et al. (2021) Changing and stable chromatin accessibility supports transcriptional overhaul during neural stem cell activation and is altered with age. Aging cell, 20(11), e13499.

Duy C, et al. (2019) Rational Targeting of Cooperating Layers of the Epigenome Yields Enhanced Therapeutic Efficacy against AML. Cancer discovery, 9(7), 872.

Klann TS, et al. (2018) Screening Regulatory Element Function with CRISPR/Cas9-based Epigenome Editing. Methods in molecular biology (Clifton, N.J.), 1767, 447.

Zhong X, et al. (2018) HoxA9 transforms murine myeloid cells by a feedback loop driving expression of key oncogenes and cell cycle control genes. Blood advances, 2(22), 3137.