

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pHR-UCOE-SFFV-dCas9-mCherry-ZIM3-KRAB

RRID:Addgene_154473

Type: Plasmid

Proper Citation

RRID:Addgene_154473

Plasmid Information

URL: <http://www.addgene.org/154473>

Proper Citation: RRID:Addgene_154473

Insert Name: ZIM3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33020655](#)

Vector Backbone Description: Backbone Marker:Jonathan Weissman lab (Addgene plasmid #46911); Vector Backbone:pHR-SFFV-dCas9-BFP-KRAB; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pHR-UCOE-SFFV-dCas9-mCherry-ZIM3-KRAB

Relevant Mutation: Includes ZIM3 aa 1-100

Record Creation Time: 20220422T221846+0000

Record Last Update: 20260725T074038+0000

Ratings and Alerts

No rating or validation information has been found for pHR-UCOE-SFFV-dCas9-mCherry-ZIM3-KRAB.

No alerts have been found for pHR-UCOE-SFFV-dCas9-mCherry-ZIM3-KRAB.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Ho CH, et al. (2025) Genetic and epigenetic screens in primary human T cells link candidate causal autoimmune variants to T cell networks. *Nature genetics*, 57(10), 2536.

Mukhi D, et al. (2025) The actin and microtubule network regulator WHAMM is identified as a key kidney disease risk gene. *Cell reports*, 44(4), 115462.

Lindenhofer D, et al. (2025) Functional phenotyping of genomic variants using joint multiomic single-cell DNA-RNA sequencing. *Nature methods*, 22(10), 2032.

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

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

Heinson YW, et al. (2023) OptoDyCE-plate as an affordable high throughput imager for all optical cardiac electrophysiology. *Journal of molecular and cellular cardiology plus*, 6.

Han JL, et al. (2023) CRISPRi Gene Modulation and All-Optical Electrophysiology in Post-Differentiated Human iPSC-Cardiomyocytes. *bioRxiv : the preprint server for biology*.

Han JL, et al. (2023) CRISPRi gene modulation and all-optical electrophysiology in post-differentiated human iPSC-cardiomyocytes. *Communications biology*, 6(1), 1236.

Ramakrishnan AB, et al. (2021) Wnt target enhancer regulation by a CDX/TCF transcription factor collective and a novel DNA motif. *Nucleic acids research*, 49(15), 8625.