

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pHR-EF1a-dCas9-HA-BFP-KRAB-NLS

RRID:Addgene_102244

Type: Plasmid

Proper Citation

RRID:Addgene_102244

Plasmid Information

URL: <http://www.addgene.org/102244>

Proper Citation: RRID:Addgene_102244

Insert Name: dCas9-HA-BFP-KRAB-NLS

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:9651; Vector Backbone:pHR; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: Contains HA tag and TagBFP fusion. The plasmid is derived from Addgene Plasmid #46911. The promoter was changed to human EF1a and the NLS was moved to the C-terminus of the fusion protein.

Plasmid Name: pHR-EF1a-dCas9-HA-BFP-KRAB-NLS

Record Creation Time: 20220422T221455+0000

Record Last Update: 20260815T080023+0000

Ratings and Alerts

No rating or validation information has been found for pHR-EF1a-dCas9-HA-BFP-KRAB-NLS.

No alerts have been found for pHR-EF1a-dCas9-HA-BFP-KRAB-NLS.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Ren X, et al. (2026) CRISPR tiling deletion screens reveal functional enhancers and allelic compensation effects (ACE) on SIN3A transcription. Nature communications, 17(1).

Muhar MF, et al. (2025) C-terminal amides mark proteins for degradation via SCF-FBXO31. Nature, 638(8050), 519.

Luteijn RD, et al. (2024) The activation of the adaptor protein STING depends on its interactions with the phospholipid PI4P. Science signaling, 17(827), eade3643.

Liu SJ, et al. (2021) Genome-Scale Perturbation of Long Noncoding RNA Expression Using CRISPR Interference. Methods in molecular biology (Clifton, N.J.), 2254, 323.

Song L, et al. (2021) Extracellular vesicles from neurons promote neural induction of stem cells through cyclin D1. The Journal of cell biology, 220(9).

Liang JR, et al. (2020) A Genome-wide ER-phagy Screen Highlights Key Roles of Mitochondrial Metabolism and ER-Resident UFMylation. Cell, 180(6), 1160.

Boontanrart MY, et al. (2020) ATF4 Regulates MYB to Increase β -Globin in Response to Loss of β -Globin. Cell reports, 32(5), 107993.