

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

pHRm-NLS-dCas9-GFP11x7-NLS

RRID:Addgene_70224

Type: Plasmid

Proper Citation

RRID:Addgene_70224

Plasmid Information

URL: <http://www.addgene.org/70224>

Proper Citation: RRID:Addgene_70224

Insert Name: NLS-dCas9-GFP11x7-NLS

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26988139](#)

Vector Backbone Description: Backbone Size:8500; Vector Backbone:pHRdSV40-NLS-dCas9-24xGCN4_v4-NLS-P2A-BFP-dWPRE (addgene #60910); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: There is a stop codon found between 7xGFP11 and BFP. BFP expression is not necessary for the imaging system described in the associated publication.

Plasmid Name: pHRm-NLS-dCas9-GFP11x7-NLS

Record Creation Time: 20220422T222434+0000

Record Last Update: 20260829T080931+0000

Ratings and Alerts

No rating or validation information has been found for pHRm-NLS-dCas9-GFP11x7-NLS.

No alerts have been found for pHRm-NLS-dCas9-GFP11x7-NLS.

Data and Source Information

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Chi JJ, et al. (2025) MGAT1-Guided complex N-Glycans on CD73 regulate immune evasion in triple-negative breast cancer. *Nature communications*, 16(1), 3552.

Chan CWF, et al. (2024) High-throughput screening of genetic and cellular drivers of syncytium formation induced by the spike protein of SARS-CoV-2. *Nature biomedical engineering*, 8(3), 291.

Muniesa-Vargas A, et al. (2024) Persistent TFIIH binding to non-excised DNA damage causes cell and developmental failure. *Nature communications*, 15(1), 3490.

Connor OM, et al. (2023) An intermembrane space protein facilitates completion of mitochondrial division in yeast. *bioRxiv : the preprint server for biology*.

Lee S, et al. (2023) A rationally designed optochemogenetic switch for activating canonical Wnt signaling. *iScience*, 26(3), 106233.

Ishida K, et al. (2023) Tracking of Human Parvovirus B19 Virus-Like Particles Using Short Peptide Tags Reveals a Membrane-Associated Extracellular Release of These Particles. *Journal of virology*, 97(2), e0163122.

Dumesnil C, et al. (2023) Cholesterol esters form supercooled lipid droplets whose nucleation is facilitated by triacylglycerols. *Nature communications*, 14(1), 915.

Cottier S, et al. (2022) Lipid droplets form a network interconnected by the endoplasmic reticulum through which their proteins equilibrate. *Journal of cell science*, 135(5).

Zhao T, et al. (2022) The cell cortex-localized protein CHDP-1 is required for dendritic development and transport in *C. elegans* neurons. *PLoS genetics*, 18(9), e1010381.

Prasanna X, et al. (2021) Seipin traps triacylglycerols to facilitate their nanoscale clustering in the endoplasmic reticulum membrane. *PLoS biology*, 19(1), e3000998.

He S, et al. (2019) NATF (Native and Tissue-Specific Fluorescence): A Strategy for Bright, Tissue-Specific GFP Labeling of Native Proteins in *Caenorhabditis elegans*. *Genetics*, 212(2), 387.

Salo VT, et al. (2019) Seipin Facilitates Triglyceride Flow to Lipid Droplet and Counteracts Droplet Ripening via Endoplasmic Reticulum Contact. *Developmental cell*, 50(4), 478.