

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pHR-scFv-GCN4-sfGFP-GB1-dWPRE

RRID:Addgene_60907

Type: Plasmid

Proper Citation

RRID:Addgene_60907

Plasmid Information

URL: <http://www.addgene.org/60907>

Proper Citation: RRID:Addgene_60907

Insert Name: scFv-GCN4

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25307933](#)

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

Comments: For more information, visit <https://valelab4.ucsf.edu/external/research/suntag.html>

Plasmid Name: pHR-scFv-GCN4-sfGFP-GB1-dWPRE

Record Creation Time: 20220422T222350+0000

Record Last Update: 20260815T081737+0000

Ratings and Alerts

No rating or validation information has been found for pHR-scFv-GCN4-sfGFP-GB1-dWPRE.

No alerts have been found for pHR-scFv-GCN4-sfGFP-GB1-dWPRE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Feng L, et al. (2026) BRIGHT Enables High-SNR Live-Cell Imaging of Non-Repetitive Sequences via Bivalent Fluorescent Nanobody-Mediated Cascade-Dependent Illumination. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(2), e13014.

van den Ende J, et al. (2026) Development of a Live-Cell Imaging Assay to Elucidate Spatiotemporal Dynamics of Extracellular Vesicle Fusion with Target Cells. *Journal of extracellular vesicles*, 15(3), e70228.

Lavi I, et al. (2026) CRISPR-PITA: An Imaging-Based CRISPR/dCas9 Assay to Determine Recruitment Directionality of Nuclear Proteins. *Bio-protocol*, 16(13), e5742.

Dias M, et al. (2025) Beyond Trypanosoma cruzi: LINE-1 Activation as a Driver of Chronic Inflammation in Chagas Disease. *International journal of molecular sciences*, 26(10).

van der Salm E, et al. (2025) Measuring and manipulating localized translation of erm-1 in the C. elegans embryo. *Development* (Cambridge, England), 152(10).

Lavi I, et al. (2025) Unidirectional recruitment between MeCP2 and KSHV-encoded LANA revealed by CRISPR/Cas9 recruitment assay. *PLoS pathogens*, 21(3), e1012972.

Bruurs LJM, et al. (2025) Visualizing infection by single positive-sense RNA viruses using virus infection real-time imaging (VIRIM). *Nature protocols*.

Ryan VH, et al. (2025) Maintenance of neuronal TDP-43 expression requires axonal lysosome transport. *eLife*, 14.

Yao Y, et al. (2024) Optogenetic Strategies for Optimizing the Performance of Phospholipids Biosensors. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 11(36), e2403026.

Hu Y, et al. (2023) Enhanced single RNA imaging reveals dynamic gene expression in live animals. *eLife*, 12.

Das S, et al. (2023) Maintenance of a short-lived protein required for long-term memory involves cycles of transcription and local translation. *Neuron*, 111(13), 2051.

Horste EL, et al. (2023) Subcytoplasmic location of translation controls protein output. *Molecular cell*, 83(24), 4509.

Lin JQ, et al. (2022) Live Imaging of RNA Transport and Translation in Xenopus Retinal Axons. *Methods in molecular biology* (Clifton, N.J.), 2431, 49.

Pichon X, et al. (2020) New Generations of MS2 Variants and MCP Fusions to Detect Single mRNAs in Living Eukaryotic Cells. *Methods in molecular biology* (Clifton, N.J.), 2166, 121.

Zhao N, et al. (2019) A genetically encoded probe for imaging nascent and mature HA-tagged proteins in vivo. *Nature communications*, 10(1), 2947.

Cioni JM, et al. (2019) Late Endosomes Act as mRNA Translation Platforms and Sustain Mitochondria in Axons. *Cell*, 176(1-2), 56.

Ruijtenberg S, et al. (2018) Imaging Translation Dynamics of Single mRNA Molecules in Live Cells. *Methods in molecular biology* (Clifton, N.J.), 1649, 385.

Hong Y, et al. (2018) Comparison and optimization of CRISPR/dCas9/gRNA genome-labeling systems for live cell imaging. *Genome biology*, 19(1), 39.

Voigt F, et al. (2017) Single-Molecule Quantification of Translation-Dependent Association of mRNAs with the Endoplasmic Reticulum. *Cell reports*, 21(13), 3740.

Pichon X, et al. (2016) Visualization of single endogenous polysomes reveals the dynamics of translation in live human cells. *The Journal of cell biology*, 214(6), 769.