

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

[pHIV-Zsgreen](#)

RRID:Addgene_18121

Type: Plasmid

Proper Citation

RRID:Addgene_18121

Plasmid Information

URL: <http://www.addgene.org/18121>

Proper Citation: RRID:Addgene_18121

Insert Name: Zsgreen

Organism: Anthozoa

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18371425](#)

Vector Backbone Description: Backbone Size:6900; Vector Backbone:pSICO; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: HIV-Zsgreen was cloned by removing the U6-TATALox-CMVie-EGFP-TATALox- WPRE content of pSICO (Ventura et al., 2004), and adding the EF1-alpha promoter, a multiple cloning site (MCS), an internal ribosome entry site (IRES) and Zsgreen. cDNA can be cloned into the MCS (NotI, EcoRI, HpaI, XbaI, SmaI, and BamHI sites) to enable bicistronic expression with Zsgreen.

Plasmid Name: pHIV-Zsgreen

Record Creation Time: 20220422T222035+0000

Record Last Update: 20260815T081128+0000

Ratings and Alerts

No rating or validation information has been found for pHIV-Zsgreen.

No alerts have been found for pHIV-Zsgreen.

Data and Source Information

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Zhang Y, et al. (2026) CXCL14 Inhibits Colon Cancer Progression by Modulating Tumor Cell Invasion and Immune Microenvironment. *Cells*, 15(10).

López-Hernández L, et al. (2026) BCLAF1 links RNA splicing to ATF4-dependent metabolic adaptation in acute myeloid leukemia. *bioRxiv : the preprint server for biology*.

Acosta VH, et al. (2026) LMO2 Regulates Epithelial-Mesenchymal Plasticity of Mammary Epithelial Cells. *Journal of mammary gland biology and neoplasia*, 31(1).

Kalyoncu M, et al. (2025) Escape from TGF- β -induced senescence promotes aggressive hallmarks in epithelial hepatocellular carcinoma cells. *Molecular oncology*, 19(9), 2594.

Zong H, et al. (2025) Enhance therapeutic efficacy of BiTE (HER2/CD3) for HER2-positive tumors through in vivo expression. *International journal of pharmaceutics: X*, 10, 100375.

Cakiroglu E, et al. (2025) Genome-wide CRISPR screen identifies BUB1 kinase as a druggable vulnerability in malignant pleural mesothelioma. *Cell death & disease*, 16(1), 241.

Ma F, et al. (2025) Interplay between CTCF-binding and CTCF-lacking regulatory elements in generating an architectural stripe at the *Igh* locus. *Nature communications*, 16(1), 2148.

Hänggi K, et al. (2024) Interleukin-1 β release during necrotic-like cell death generates myeloid-driven immunosuppression that restricts anti-tumor immunity. *Cancer cell*, 42(12), 2015.

Shrestha H, et al. (2024) The Janus kinase 1 is critical for pancreatic cancer initiation and progression. *Cell reports*, 43(5), 114202.

Ma F, et al. (2024) Three-dimensional chromatin reorganization regulates B cell development during ageing. *Nature cell biology*, 26(6), 991.

Twentyman J, et al. (2023) Primate TRIM34 is a broadly-acting, TRIM5-dependent lentiviral restriction factor. *bioRxiv : the preprint server for biology*.

Guo C, et al. (2023) SLC38A2 and glutamine signalling in cDC1s dictate anti-tumour immunity. *Nature*, 620(7972), 200.

Kurden-Pekmezci A, et al. (2023) MALT1 paracaspase is overexpressed in hepatocellular carcinoma and promotes cancer cell survival and growth. *Life sciences*, 323, 121690.

Montoya VR, et al. (2023) A Virus-Packable CRISPR System Identifies Host Dependency Factors Co-Opted by Multiple HIV-1 Strains. *mBio*, 14(1), e0000923.

Hermansen JU, et al. (2023) A tumor microenvironment model of chronic lymphocytic leukemia enables drug sensitivity testing to guide precision medicine. *Cell death discovery*, 9(1), 125.

Twentyman J, et al. (2023) Primate TRIM34 is a broadly-acting, TRIM5-dependent lentiviral restriction factor. *Retrovirology*, 20(1), 15.

Reinitz F, et al. (2022) Inhibiting USP16 rescues stem cell aging and memory in an Alzheimer's model. *eLife*, 11.

Keridani D, et al. (2022) Lung tumor MHCII immunity depends on in situ antigen presentation by fibroblasts. *The Journal of experimental medicine*, 219(2).

Picarda E, et al. (2022) The immune checkpoint B7-H3 (CD276) regulates adipocyte progenitor metabolism and obesity development. *Science advances*, 8(17), eabm7012.

Colbert JD, et al. (2022) Tetraspanin-5-mediated MHC class I clustering is required for optimal CD8 T cell activation. *Proceedings of the National Academy of Sciences of the United States of America*, 119(42), e2122188119.