

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

pLenti CMV Hygro DEST (w117-1)

RRID:Addgene_17454

Type: Plasmid

Proper Citation

RRID:Addgene_17454

Plasmid Information

URL: <http://www.addgene.org/17454>

Proper Citation: RRID:Addgene_17454

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:19657394](#)

Vector Backbone Description: Backbone Size:10319; Vector Backbone:p156RRL-sinPPT-CMV-GFP-PRE/Nhe I; Vector Types:Mammalian Expression, Lentiviral, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Please note that there are several mismatches between depositor's sequence and Addgene's quality control sequence. These mismatches are in the backbone regions only and do not affect any of the features.

Plasmid Name: pLenti CMV Hygro DEST (w117-1)

Record Creation Time: 20220422T222009+0000

Record Last Update: 20260815T081041+0000

Ratings and Alerts

No rating or validation information has been found for pLenti CMV Hygro DEST (w117-1).

No alerts have been found for pLenti CMV Hygro DEST (w117-1).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 55 mentions in open access literature.

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

Kim S, et al. (2025) EphA2 and Ephrin-A1 Utilize the Same Interface for Both in cis and in trans Interactions That Differentially Regulate Cell Signaling and Function. *bioRxiv* : the preprint server for biology.

Saner N, et al. (2025) Proximity Labeling and SILAC-Based Proteomic Approach Identifies Proteins at the Interface of Homotypic and Heterotypic Cancer Cell Interactions. *Molecular & cellular proteomics* : MCP, 24(6), 100986.

Pires MJ, et al. (2025) Duplexed CeTEAM drug biosensors reveal determinants of PARP inhibitor selectivity in cells. *The Journal of biological chemistry*, 301(4), 108361.

Tinoco JC, et al. (2025) Progesterone receptor-dependent downregulation of MHC class I promotes tumor immune evasion and growth in breast cancer. *Journal for immunotherapy of cancer*, 13(3).

Yang Y, et al. (2025) SLC35A2 gene product modulates paramyxovirus fusion events during infection. *PLoS pathogens*, 21(1), e1012531.

Zhang S, et al. (2025) Cocystal structure reveals the mechanism of FSP1 inhibition by FSEN1. *Proceedings of the National Academy of Sciences of the United States of America*, 122(22), e2505197122.

Ju RJ, et al. (2024) Compression-dependent microtubule reinforcement enables cells to navigate confined environments. *Nature cell biology*, 26(9), 1520.

Yang Y, et al. (2024) SLC35A2 modulates paramyxovirus fusion events during infection. *bioRxiv* : the preprint server for biology.

Amiri M, et al. (2024) Reduced surface pH and upregulated AE2 anion exchange in SLC26A3-deleted polarized intestinal epithelial cells. *American journal of physiology. Cell physiology*, 326(3), C829.

Lin W, et al. (2024) Light-gated Integrator for Highlighting Kinase Activity in Living Cells. *bioRxiv* : the preprint server for biology.

Jin Y, et al. (2024) Tsyn-Seq: a T-cell Synapse-Based Antigen Identification Platform. *Cancer immunology research*, 12(5), 530.

Lin W, et al. (2024) Light-gated integrator for highlighting kinase activity in living cells. *Nature communications*, 15(1), 7804.

Rabino A, et al. (2024) The Scribble/SGEF/Dlg1 complex regulates the stability of apical junctions in epithelial cells. *bioRxiv* : the preprint server for biology.

Davidson K, et al. (2024) An engineered biosensor enables dynamic aspartate measurements in living cells. *eLife*, 12.

Yasuta Y, et al. (2024) Cooperative function of oncogenic MAPK signaling and the loss of Pten for melanoma migration through the formation of lamellipodia. *Scientific reports*, 14(1), 1525.

Amici DR, et al. (2023) The HAPSTR2 retrogene buffers stress signaling and resilience in mammals. *Nature communications*, 14(1), 152.

Hart ML, et al. (2023) Mitochondrial redox adaptations enable alternative aspartate synthesis in SDH-deficient cells. *eLife*, 12.

Li Z, et al. (2022) Ribosome stalling during selenoprotein translation exposes a ferroptosis vulnerability. *Nature chemical biology*, 18(7), 751.

Paniagua G, et al. (2022) KSR induces RAS-independent MAPK pathway activation and modulates the efficacy of KRAS inhibitors. *Molecular oncology*, 16(17), 3066.

Drews SJ, et al. (2022) SARS-CoV-2 Virus-Like Particle Neutralizing Capacity in Blood Donors Depends on Serological Profile and Donor-Declared SARS-CoV-2 Vaccination History. *Microbiology spectrum*, 10(1), e0226221.