

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

pLenti CMV V5-LUC Blast (w567-1)

RRID:Addgene_21474

Type: Plasmid

Proper Citation

RRID:Addgene_21474

Plasmid Information

URL: <http://www.addgene.org/21474>

Proper Citation: RRID:Addgene_21474

Insert Name: V5-LUC

Organism: Firefly

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19657394](#)

Vector Backbone Description: Backbone Size:7687; Vector Backbone:p156RRL-sinPPT-CMV-GFP-PRE/Nhe I; Vector Types:Mammalian Expression, Lentiviral, Luciferase; Bacterial Resistance:Ampicillin

Plasmid Name: pLenti CMV V5-LUC Blast (w567-1)

Record Creation Time: 20220422T222055+0000

Record Last Update: 20260808T081409+0000

Ratings and Alerts

No rating or validation information has been found for pLenti CMV V5-LUC Blast (w567-1).

No alerts have been found for pLenti CMV V5-LUC Blast (w567-1).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Sottnik JL, et al. (2026) Advanced models of lobular breast cancer metastasis capture clinical organ tropism, endocrine response, and bone remodeling. *bioRxiv : the preprint server for biology*.

Doh HM, et al. (2026) Interaction of NDRG1 and MRE11 Modulates DNA Replication and Repair. *Cancers*, 18(8).

Orabi D, et al. (2025) The Lipid Hydrolase ABHD6 is a Therapeutic Target in Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD)-Related Hepatocellular Carcinoma. *bioRxiv : the preprint server for biology*.

Zema S, et al. (2025) MAML1 drives Notch and Hedgehog oncogenic pathways by inhibiting Itch activity in triple-negative breast cancer. *Cell death and differentiation*.

Krishnamurthy M, et al. (2024) Metastatic organotropism in small cell lung cancer. *bioRxiv : the preprint server for biology*.

Akkoc Y, et al. (2023) Tumor-derived CTF1 (cardiotrophin 1) is a critical mediator of stroma-assisted and autophagy-dependent breast cancer cell migration, invasion and metastasis. *Autophagy*, 19(1), 306.

Miluzio A, et al. (2023) Mapping of functional SARS-CoV-2 receptors in human lungs establishes differences in variant binding and SLC1A5 as a viral entry modulator of hACE2. *EBioMedicine*, 87, 104390.

Filipponi D, et al. (2022) Inhibiting ALK2/ALK3 Signaling to Differentiate and Chemo-Sensitize Medulloblastoma. *Cancers*, 14(9).

Costa AJ, et al. (2022) Overexpression of estrogen receptor GPER1 and G1 treatment reduces SARS-CoV-2 infection in BEAS-2B bronchial cells. *Molecular and cellular endocrinology*, 558, 111775.

Jin Y, et al. (2022) Development of STEAP1 targeting chimeric antigen receptor for adoptive cell therapy against cancer. *Molecular therapy oncolytics*, 26, 189.

Francesconi O, et al. (2022) Synthetic carbohydrate-binding agents neutralize SARS-CoV-2 by inhibiting binding of the spike protein to ACE2. *iScience*, 25(5), 104239.

Sessions DT, et al. (2022) Opa1 and Drp1 reciprocally regulate cristae morphology, ETC function, and NAD⁺ regeneration in KRas-mutant lung adenocarcinoma. *Cell reports*, 41(11), 111818.

Nyati KK, et al. (2021) The novel long noncoding RNA AU021063, induced by IL-6/Arid5a signaling, exacerbates breast cancer invasion and metastasis by stabilizing Trib3 and activating the Mek/Erk pathway. *Cancer letters*, 520, 295.

Ianniciello A, et al. (2021) ULK1 inhibition promotes oxidative stress-induced differentiation and sensitizes leukemic stem cells to targeted therapy. *Science translational medicine*,

13(613), eabd5016.

Glennon KI, et al. (2021) Rational Development of Liquid Biopsy Analysis in Renal Cell Carcinoma. *Cancers*, 13(22).

Spentl C, et al. (2021) Impact of Tenascin-C on Radiotherapy in a Novel Syngeneic Oral Squamous Cell Carcinoma Model With Spontaneous Dissemination to the Lymph Nodes. *Frontiers in immunology*, 12, 636108.

Neises JZ, et al. (2021) Seroprevalence of SARS-CoV-2 antibodies among rural healthcare workers. *Journal of medical virology*, 93(12), 6611.

Tulotta C, et al. (2021) IL-1B drives opposing responses in primary tumours and bone metastases; harnessing combination therapies to improve outcome in breast cancer. *NPJ breast cancer*, 7(1), 95.

Zhang J, et al. (2020) Targeted inhibition of KDM6 histone demethylases eradicates tumor-initiating cells via enhancer reprogramming in colorectal cancer. *Theranostics*, 10(22), 10016.

Vermeer JAF, et al. (2020) A lineage-tracing tool to map the fate of hypoxic tumour cells. *Disease models & mechanisms*, 13(7).