

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pLenti CMV Blast DEST (706-1)

RRID:Addgene_17451

Type: Plasmid

Proper Citation

RRID:Addgene_17451

Plasmid Information

URL: <http://www.addgene.org/17451>

Proper Citation: RRID:Addgene_17451

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:19657394](#)

Vector Backbone Description: Backbone Size:9331; Vector Backbone:p156RRL-sinPPT-CMV-GFP-PRE/Nhe I; Vector Types:Mammalian Expression, Lentiviral, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: There are 2 gaps between depositor's reference sequence and Addgene's quality control sequence. The gaps are in vector regions only and do not affect any of the features.

Plasmid Name: pLenti CMV Blast DEST (706-1)

Record Creation Time: 20220422T222009+0000

Record Last Update: 20260815T081041+0000

Ratings and Alerts

No rating or validation information has been found for pLenti CMV Blast DEST (706-1).

No alerts have been found for pLenti CMV Blast DEST (706-1).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 79 mentions in open access literature.

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

Wrenn ED, et al. (2026) Autocrine TGF β 2 enforces a transcriptionally hybrid cell state in Ewing sarcoma. *Science advances*, 12(4), eady0550.

Sun C, et al. (2026) Microvillus inclusion disease-associated MYO5B deficiency impairs endosome-to-mitochondrion iron transfer. *Gastroenterology report*, 14, goag016.

Truong T, et al. (2026) The ubiquitin ligase CBL and Fas-associated factor 2 cooperate to regulate the innate immune response to *M. tuberculosis*. *PLoS pathogens*, 22(3), e1013974.

ChallaSivaKanaka S, et al. (2026) DGAT1 Drives Racially Divergent Fibroblast Activation via ERK1/2-Dependent Tumorigenic Signaling in Prostate Cancer. *Cancer research communications*, 6(6), 1305.

Biancur DE, et al. (2026) Iron overload suppresses LKB1 and induces IL36G anti-tumor immunity in PDAC metastasis. *Science advances*, 12(29), eadz8681.

Cantu Gutierrez ME, et al. (2025) Mapping the transcriptional and epigenetic landscape of organotypic endothelial diversity in the developing and adult mouse. *Nature cardiovascular research*, 4(4), 473.

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.

Shigeta K, et al. (2025) MUC1-C dependence in treatment-resistant prostate cancer uncovers a target for antibody-drug conjugate therapy. *JCI insight*, 10(14).

Samson GPB, et al. (2025) NUPA10hd-immortalized and genetically engineered progenitors allow studying dendritic cell immune functions. *Frontiers in immunology*, 16, 1658429.

Gui L, et al. (2025) Targeting the mevalonate pathway potentiates NUA1 inhibition-induced immunogenic cell death and antitumor immunity. *Cell reports. Medicine*, 6(2), 101913.

Wrenn ED, et al. (2025) Autocrine TGF β 2 enforces a transcriptionally hybrid cell state in Ewing sarcoma. *bioRxiv : the preprint server for biology*.

Koe JC, et al. (2025) Metabolomics analysis of SNAT2-deficient cells: Implications for the discovery of selective small-molecule inhibitors of an amino acid transporter. *The Journal of biological chemistry*, 301(9), 110525.

Cipolla R, et al. (2025) PROCA11 early activation fuels prostate cancer neuroendocrine traits by regulating cell survival and migration. *iScience*, 28(12), 113931.

Haratake N, et al. (2025) Activation of APOBEC3 cytidine deaminases and endogenous retroviruses is integrated by MUC1-C in NSCLC cells. *Cell death discovery*, 11(1), 372.

ChallaSivaKanaka S, et al. (2025) DGAT1 as a Racially Divergent Driver of Carcinoma-Associated Fibroblast Activation Drives Tumorigenic Pathways via ERK1/2 Signaling in Prostate Cancer. *bioRxiv : the preprint server for biology*.

Haratake N, et al. (2024) MUC1-C Is a Common Driver of Acquired Osimertinib Resistance in NSCLC. *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*, 19(3), 434.

Truong T, et al. (2024) The balance between antiviral and antibacterial responses during M. tuberculosis infection is regulated by the ubiquitin ligase CBL. *bioRxiv : the preprint server for biology*.

Ramakrishnan GS, et al. (2024) SHIP inhibition mediates select TREM2-induced microglial functions. *Molecular immunology*, 170, 35.

Lee AH, et al. (2024) A comprehensive measure of Golgi sphingolipid flux using NBD C6-ceramide: evaluation of sphingolipid inhibitors. *Journal of lipid research*, 65(8), 100584.

Stillinovic M, et al. (2024) Ribonuclease inhibitor and angiogenin system regulates cell type-specific global translation. *Science advances*, 10(22), eadl0320.