

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pLenti CMV Neo DEST (705-1)

RRID:Addgene_17392

Type: Plasmid

Proper Citation

RRID:Addgene_17392

Plasmid Information

URL: <http://www.addgene.org/17392>

Proper Citation: RRID:Addgene_17392

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:19657394](#)

Vector Backbone Description: Backbone Size:9796; 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 Addgene's quality control sequence shows several gaps with depositor's reference sequence. These gaps are in vector region only and should not affect function.

Plasmid Name: pLenti CMV Neo DEST (705-1)

Record Creation Time: 20220422T222006+0000

Record Last Update: 20260815T081035+0000

Ratings and Alerts

No rating or validation information has been found for pLenti CMV Neo DEST (705-1).

No alerts have been found for pLenti CMV Neo DEST (705-1).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Lin C, et al. (2025) Cholesterol metabolism regulated by CAMKK2-CREB signaling promotes castration-resistant prostate cancer. *Cell reports*, 44(6), 115792.

Wu JW, et al. (2025) Robust calibration and quantification of FRET signals using multiplexed biosensor barcoding. *iScience*, 28(11), 113743.

Khakurel A, et al. (2025) Acute GARP Depletion Disrupts Vesicle Transport, Leading to Severe Defects in Sorting, Secretion and O-Glycosylation. *Traffic (Copenhagen, Denmark)*, 26(1-3), e70003.

Parolek J, et al. (2024) Bridge-like lipid transfer protein family member 2 suppresses ciliogenesis. *Molecular biology of the cell*, 35(5), br11.

Ling H, et al. (2024) HDAC10 inhibition represses melanoma cell growth and BRAF inhibitor resistance via upregulating SPARC expression. *NAR cancer*, 6(2), zcae018.

Tanaka T, et al. (2024) Fluorescent Solvatochromic Probes for Long-Term Imaging of Lipid Order in Living Cells. *Advanced science (Weinheim, Baden-Wurtemberg, Germany)*, 11(17), e2309721.

Jiang D, et al. (2024) IRE1?? determines ferroptosis sensitivity through regulation of glutathione synthesis. *Nature communications*, 15(1), 4114.

Nie L, et al. (2024) DePARylation is critical for S phase progression and cell survival. *eLife*, 12.

Tosi G, et al. (2024) Cancer cell stiffening via CoQ10 and UBIAD1 regulates ECM signaling and ferroptosis in breast cancer. *Nature communications*, 15(1), 8214.

Diep CH, et al. (2024) Progesterone Receptor Signaling Promotes Cancer Associated Fibroblast Mediated Tumorigenicity in ER+ Breast Cancer. *Endocrinology*, 165(9).

Francis CR, et al. (2023) Arf6 is required for endocytosis and filamentous actin assembly during angiogenesis in vitro. *Microcirculation (New York, N.Y. : 1994)*, 30(8), e12831.

Francis CR, et al. (2023) Arf6 Regulates Endocytosis and Angiogenesis by Promoting Filamentous Actin Assembly. *bioRxiv : the preprint server for biology*.

Nie L, et al. (2023) DePARylation is critical for S phase progression and cell survival. *bioRxiv : the preprint server for biology*.

Walentynowicz KA, et al. (2023) Single-cell heterogeneity of EGFR and CDK4 co-amplification is linked to immune infiltration in glioblastoma. *Cell reports*, 42(3), 112235.

Conger KO, et al. (2023) ASCT2 is the primary serine transporter in cancer cells. *bioRxiv : the preprint server for biology*.

Ling H, et al. (2023) HDAC10 blockade upregulates SPARC expression thereby repressing melanoma cell growth and BRAF inhibitor resistance. *bioRxiv : the preprint server for biology*.

Choi BH, et al. (2022) Lineage-specific silencing of PSAT1 induces serine auxotrophy and sensitivity to dietary serine starvation in luminal breast tumors. *Cell reports*, 38(3), 110278.

Francis CR, et al. (2022) Capturing membrane trafficking events during 3D angiogenic development in vitro. *Microcirculation (New York, N.Y. : 1994)*, 29(6-7), e12726.

Francis CR, et al. (2022) Rab35 governs apicobasal polarity through regulation of actin dynamics during sprouting angiogenesis. *Nature communications*, 13(1), 5276.

Ono Y, et al. (2022) mTORC2 suppresses cell death induced by hypo-osmotic stress by promoting sphingomyelin transport. *The Journal of cell biology*, 221(4).