

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

pLenti CMV/TO SV40 small + Large T (w612-1)

RRID:Addgene_22298

Type: Plasmid

Proper Citation

RRID:Addgene_22298

Plasmid Information

URL: <http://www.addgene.org/22298>

Proper Citation: RRID:Addgene_22298

Insert Name: SV40 small + Large T antigen

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:6925; Vector Backbone:p156RRL-sinPPT-CMV-GFP-PRE/Nhe I; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: The small and large T antigen inactivates the TP53, RB1 and PP2A genes.

Plasmid Name: pLenti CMV/TO SV40 small + Large T (w612-1)

Record Creation Time: 20220422T222059+0000

Record Last Update: 20260725T074431+0000

Ratings and Alerts

No rating or validation information has been found for pLenti CMV/TO SV40 small + Large T (w612-1).

No alerts have been found for pLenti CMV/TO SV40 small + Large T (w612-1).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 42 mentions in open access literature.

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

Kudo S, et al. (2025) Collaborative orchestration of BH3-only proteins governs Bak/Bax-dependent hepatocyte apoptosis under antiapoptotic protein-deficiency in mice. *Cell death and differentiation*, 32(6), 1153.

Zou T, et al. (2025) A glucose kinase-independent HK2 activity prevents TNF-induced cell death by phosphorylating RIPK1. *Nature communications*, 16(1), 9979.

Yamaguchi T, et al. (2025) Cnot4 heterozygosity attenuates high fat diet-induced obesity in mice and impairs PPAR γ -mediated adipocyte differentiation. *PloS one*, 20(5), e0316417.

Clarke D, et al. (2025) A vascular-associated fibroblastic cell controls pancreatic islet immunity. *Cell reports*, 44(9), 116189.

Griewahn L, et al. (2023) SPATA2 restricts OTULIN-dependent LUBAC activity independently of CYLD. *Cell reports*, 42(1), 111961.

Ito F, et al. (2023) Matrigel-based organoid culture of malignant mesothelioma reproduces cisplatin sensitivity through CTR1. *BMC cancer*, 23(1), 487.

Bai J, et al. (2023) Autophagy loss impedes cancer-associated fibroblast activation via downregulating proline biosynthesis. *Autophagy*, 19(2), 632.

Shu Z, et al. (2023) The Lin28b/Wnt5a axis drives pancreas cancer through crosstalk between cancer associated fibroblasts and tumor epithelium. *Nature communications*, 14(1), 6885.

Zhang T, et al. (2023) Prolonged hypoxia alleviates prolyl hydroxylation-mediated suppression of RIPK1 to promote necroptosis and inflammation. *Nature cell biology*, 25(7), 950.

Kumar B, et al. (2023) Stromal heterogeneity may explain increased incidence of metaplastic breast cancer in women of African descent. *Nature communications*, 14(1), 5683.

Haase C, et al. (2022) Image-seq: spatially resolved single-cell sequencing guided by in situ and in vivo imaging. *Nature methods*, 19(12), 1622.

Yuan M, et al. (2022) Cancer-associated fibroblasts employ NUFIP1-dependent autophagy to secrete nucleosides and support pancreatic tumor growth. *Nature cancer*, 3(8), 945.

Dibus N, et al. (2022) FBXO38 Ubiquitin Ligase Controls Sertoli Cell Maturation. *Frontiers in cell and developmental biology*, 10, 914053.

Cai J, et al. (2021) ABIN-1 is a key regulator in RIPK1-dependent apoptosis (RDA) and necroptosis, and ABIN-1 deficiency potentiates necroptosis-based cancer therapy in colorectal cancer. *Cell death & disease*, 12(2), 140.

Kumar B, et al. (2021) Bidirectional Regulatory Cross-Talk between Cell Context and Genomic Aberrations Shapes Breast Tumorigenesis. *Molecular cancer research : MCR*, 19(11), 1802.

Wang H, et al. (2021) NEK1-mediated retromer trafficking promotes blood-brain barrier integrity by regulating glucose metabolism and RIPK1 activation. *Nature communications*, 12(1), 4826.

Lidak T, et al. (2021) CRL4-DCAF12 Ubiquitin Ligase Controls MOV10 RNA Helicase during Spermatogenesis and T Cell Activation. *International journal of molecular sciences*, 22(10).

Mariani M, et al. (2021) Higher-Order Chromatin Structures of Chromosomally Integrated HHV-6A Predict Integration Sites. *Frontiers in cellular and infection microbiology*, 11, 612656.

Sheikh AM, et al. (2021) Alteration of Neural Stem Cell Functions in Ataxia and Male Sterility Mice: A Possible Role of γ -Tubulin Glutamylation in Neurodegeneration. *Cells*, 10(1).

Li J, et al. (2021) IL-17B/RB Activation in Pancreatic Stellate Cells Promotes Pancreatic Cancer Metabolism and Growth. *Cancers*, 13(21).