

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pLenti PGK Puro DEST (w529-2)

RRID:Addgene_19068

Type: Plasmid

Proper Citation

RRID:Addgene_19068

Plasmid Information

URL: <http://www.addgene.org/19068>

Proper Citation: RRID:Addgene_19068

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:19657394](#)

Vector Backbone Description: Backbone Size:9599; Vector Backbone:p156RRL-sinPPT-CMV-GFP-PRE/Nhe I; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Chloramphenicol and Ampicillin

Plasmid Name: pLenti PGK Puro DEST (w529-2)

Record Creation Time: 20220422T222044+0000

Record Last Update: 20260815T081141+0000

Ratings and Alerts

No rating or validation information has been found for pLenti PGK Puro DEST (w529-2).

No alerts have been found for pLenti PGK Puro DEST (w529-2).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Kooi R, et al. (2026) Controllable Dynamic Mechanical Cell Stimulation using Magnetically Actuated Artificial Cilia. *Advanced healthcare materials*, 15(18), e00001.

Kockler ZW, et al. (2026) APOBEC3A is the predominant global editor of cytosines in human mRNAs and in single-strand RNA viruses. *G3 (Bethesda, Md.)*, 16(6).

Monaci S, et al. (2025) PTH counteracts Hippo signaling via Src-dependent YAP stabilization to enhance bone marrow stromal cell differentiation. *JCI insight*, 10(16).

Stassen OMJA, et al. (2025) Mechanosensitive interactions between Jag1 and Myo1c control Jag1 trafficking in endothelial cells. *iScience*, 28(12), 113879.

Jouybar M, et al. (2025) Leveraging femtosecond laser machining for the fabrication of tubular-based Organ-on-Chip systems: modeling cancer metastasis from invasion to intravasation. *Materials today. Bio*, 33, 101926.

Schneider C, et al. (2024) A Novel AMPK Inhibitor Sensitizes Pancreatic Cancer Cells to Ferroptosis Induction. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 11(31), e2307695.

Sinha NK, et al. (2024) The ribotoxic stress response drives UV-mediated cell death. *Cell*, 187(14), 3652.

Renna FJ, et al. (2023) Ubiquitination Is a Novel Post-Translational Modification of VMP1 in Autophagy of Human Tumor Cells. *International journal of molecular sciences*, 24(16).

Kaur N, et al. (2023) TECPR1 is activated by damage-induced sphingomyelin exposure to mediate noncanonical autophagy. *The EMBO journal*, 42(17), e113105.

Levavasseur F, et al. (2023) FOXP1 regulates oxidative stress, SIRT1 expression, and resistance to chemotherapies in acute myeloid leukemia cells. *Blood advances*, 7(13), 3265.

Sabatier M, et al. (2023) C/EBP β Confers Dependence to Fatty Acid Anabolic Pathways and Vulnerability to Lipid Oxidative Stress-Induced Ferroptosis in FLT3-Mutant Leukemia. *Cancer discovery*, 13(7), 1720.

Mirman Z, et al. (2022) 53BP1-shieldin-dependent DSB processing in BRCA1-deficient cells requires CST-Pol δ -primase fill-in synthesis. *Nature cell biology*, 24(1), 51.

Decroocq J, et al. (2022) RAS activation induces synthetic lethality of MEK inhibition with mitochondrial oxidative metabolism in acute myeloid leukemia. *Leukemia*, 36(5), 1237.

Zhang JM, et al. (2022) Protocol to stimulate and delineate alternative lengthening of telomeres in human U2OS cells. *STAR protocols*, 3(3), 101594.

Schneeweis C, et al. (2022) AP1/Fra1 confers resistance to MAPK cascade inhibition in pancreatic cancer. *Cellular and molecular life sciences : CMLS*, 80(1), 12.

Hagerty B, et al. (2021) Novel Humanized Mesothelin-Expressing Genetically Engineered Mouse Models Underscore Challenges in Delivery of Complex Therapeutics to Pancreatic

Cancers. Molecular cancer therapeutics, 20(10), 2082.

Park J, et al. (2021) ZNF598 co-translationally titrates poly(GR) protein implicated in the pathogenesis of C9ORF72-associated ALS/FTD. Nucleic acids research, 49(19), 11294.

Ponsford AH, et al. (2021) Live imaging of intra-lysosome pH in cell lines and primary neuronal culture using a novel genetically encoded biosensor. Autophagy, 17(6), 1500.

Funato K, et al. (2021) Dissecting the impact of regional identity and the oncogenic role of human-specific NOTCH2NL in an hESC model of H3.3G34R-mutant glioma. Cell stem cell, 28(5), 894.

Aikin TJ, et al. (2020) MAPK activity dynamics regulate non-cell autonomous effects of oncogene expression. eLife, 9.