

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

[pLenti-puro](#)

RRID:Addgene_39481

Type: Plasmid

Proper Citation

RRID:Addgene_39481

Plasmid Information

URL: <http://www.addgene.org/39481>

Proper Citation: RRID:Addgene_39481

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21900401](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pLenti4/TO/V5-DEST; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please note this plasmid appears to be unstable during growth in bacteria. We recommend screening 3-5 smaller colonies after streaking from the original stab. It may be necessary to cut the plasmid with a single-cutting enzyme, gel purify the high molecular weight band, and religate to restore the plasmid.

Plasmid Name: pLenti-puro

Record Creation Time: 20220422T222206+0000

Record Last Update: 20260801T081239+0000

Ratings and Alerts

No rating or validation information has been found for pLenti-puro.

No alerts have been found for pLenti-puro.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 97 mentions in open access literature.

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

Liu J, et al. (2025) TFAP4 exacerbates pathological cardiac fibrosis by modulating mechanotransduction. *Cell insight*, 4(4), 100256.

Crouch E, et al. (2025) Targeting peroxiredoxin 2 prevents hepatocarcinogenesis in metabolic liver disease models. *The Journal of clinical investigation*, 135(21).

Huang Y, et al. (2025) Wnt5a suppresses colorectal cancer progression via TGF- β /NOTUM/OLFM4 axis in patient-derived organoids. *Cell communication and signaling : CCS*, 23(1), 365.

Thorkelsson A, et al. (2025) Hypertrophic Cardiomyopathy-Associated CRYABR123W Activates Calcineurin, Reduces Calcium Sequestration, and Alters the CRYAB Interactome and the Proteomic Response to Pathological Hypertrophy. *International journal of molecular sciences*, 26(6).

Russo MN, et al. (2025) TurboID-Mediated Profiling of Glioblastoma-Derived Extracellular Vesicle Cargo Proteins. *Journal of extracellular vesicles*, 14(9), e70158.

Deichmann M, et al. (2025) A yeast surface display platform for characterizing CAR T cell responses to cancer antigens. *Nature communications*, 16(1), 10306.

Broadbent DG, et al. (2025) Ubiquitin-mediated recruitment of the ATG9A-ATG2 lipid transfer complex drives clearance of phosphorylated p62 aggregates. *Molecular biology of the cell*, 36(2), ar20.

Peng H, et al. (2025) Prion-induced ferroptosis is facilitated by RAC3. *Nature communications*, 16(1), 5385.

Simões-Sousa S, et al. (2025) ARID1A stabilizes non-homologous end joining factors at DNA breaks induced by the G4 ligand pyridostatin. *Cell reports*, 44(9), 116277.

Li J, et al. (2025) TMEM97 governs partial epithelial-mesenchymal transition of retinal pigment epithelial cells via the CTNND2-ADAM10 axis. *Molecular therapy. Nucleic acids*, 36(1), 102460.

Sayeed K, et al. (2025) Human cytomegalovirus infection coopts chromatin organization to diminish TEAD1 transcription factor activity. *eLife*, 13.

Asadullah , et al. (2025) MMP9 shapes cell mechanics to enable collective invasion in cancer. *NPJ systems biology and applications*, 11(1), 120.

Swain T, et al. (2024) A modular dCas9-based recruitment platform for combinatorial epigenome editing. *Nucleic acids research*, 52(1), 474.

Poirier A, et al. (2024) The induction of SHP-1 degradation by TAOK3 ensures the responsiveness of T cells to TCR stimulation. *Science signaling*, 17(817), eadg4422.

Lee J, et al. (2024) Stimulation Strength Determined by Superantigen Dose Controls Subcellular Localization of FOXP3 Isoforms and Suppressive Function of CD4⁺CD25⁺FOXP3⁺ T Cells. *Journal of immunology* (Baltimore, Md. : 1950), 212(3), 421.

Yang Y, et al. (2024) WW domains form a folded type of nuclear localization signal to guide YAP1 nuclear import. *The Journal of cell biology*, 223(6).

Fenton AD, et al. (2024) A novel high-throughput microwell outgrowth assay for HIV-infected cells. *Journal of virology*, 98(3), e0179823.

Zhao W, et al. (2024) SLC13A3 is a major effector downstream of activated β -catenin in liver cancer pathogenesis. *Nature communications*, 15(1), 7522.

Di Giorgio E, et al. (2024) HDAC4 influences the DNA damage response and counteracts senescence by assembling with HDAC1/HDAC2 to control H2BK120 acetylation and homology-directed repair. *Nucleic acids research*, 52(14), 8218.

Wanna-Udom S, et al. (2024) ARID1A overexpression inhibits colorectal cancer cell migration through the regulation of epithelial-mesenchymal transition. *Molecular medicine reports*, 30(5).