

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pLL3.7

RRID:Addgene_11795

Type: Plasmid

Proper Citation

RRID:Addgene_11795

Plasmid Information

URL: <http://www.addgene.org/11795>

Proper Citation: RRID:Addgene_11795

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12590264](https://pubmed.ncbi.nlm.nih.gov/12590264/)

Vector Backbone Description: Backbone Size:7650; Vector Backbone:pLL3.7; Vector Types:Mammalian Expression, Lentiviral, RNAi, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Lentiviral vector that expresses shRNA under the mouse U6 promoter. A CMV-EGFP reporter cassette is included in the vector to monitor expression. For protocols regarding the use of pLL3.7, visit: <http://web.mit.edu/jacks-lab/protocols/rnairesources.htm>
Note: A single base pair deletion at position 11 of the U6 promoter in this plasmid does not impair the efficacy of this reagent.

Plasmid Name: pLL3.7

Record Creation Time: 20220422T221617+0000

Record Last Update: 20260808T080541+0000

Ratings and Alerts

No rating or validation information has been found for pLL3.7.

No alerts have been found for pLL3.7.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 158 mentions in open access literature.

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

Liu X, et al. (2026) Claudins interact with LILRB immune inhibitory receptors to promote myeloid immunosuppression in cancer. *Science immunology*, 11(118), eadt7832.

Cheng L, et al. (2026) p53 safeguards chemical reprogramming of human somatic cells toward pluripotency. *Cell*, 189(12), 3541.

Chia S, et al. (2025) CAN-Scan: A multi-omic phenotype-driven precision oncology platform identifies prognostic biomarkers of therapy response for colorectal cancer. *Cell reports. Medicine*, 6(4), 102053.

Fatima K, et al. (2025) Ribosome-binding protein 1 maintains peroxisome biogenesis. *Journal of cell science*, 138(24).

Ozcan SC, et al. (2025) RESTRICT-seq enables time-gated CRISPR screens and uncovers novel epigenetic dependencies of SCC resistance. *bioRxiv : the preprint server for biology*.

Jang JJ, et al. (2025) The immune sensitivity caused by DUSP11, an RNA 5'-end maturation phosphatase, is adjusted by a human non-coding RNA, nc886. *Cellular and molecular life sciences : CMLS*, 82(1), 77.

Mincheva G, et al. (2025) Extracellular vesicles from mesenchymal stem cells improve liver injury in rats with mild liver damage. Underlying mechanisms and role of TGF β . *Life sciences*, 364, 123429.

Ehinger Y, et al. (2025) Paradoxical mTORC1-Dependent microRNA-mediated Translation Repression in the Nucleus Accumbens of Male Mice Consuming Alcohol Attenuates Glycolysis. *Nature communications*, 16(1), 6116.

Nagao M, et al. (2025) Chromatin remodeler Chd7 regulates reactive astrogliosis after ischemic stroke. *Cell reports*, 44(12), 116590.

Appasamy P, et al. (2025) PAR2 Serves an Indispensable Role in Controlling PAR4 Oncogenicity: The β -Catenin-p53 Axis. *International journal of molecular sciences*, 26(6).

Zhao L, et al. (2025) M6A Modified miR-31-5p Suppresses M1 Macrophage Polarization and Autoimmune Dry Eye by Targeting P2RX7. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(17), e2415341.

Matsuki T, et al. (2025) The MCPH7 Gene Product STIL Is Essential for Dendritic Spine Formation. *Cells*, 14(2).

Park JS, et al. (2025) L1CAM signaling through planar cell polarity generates SOX2 + metastatic progenitors in lung adenocarcinoma. *bioRxiv : the preprint server for biology*.

Afanaseva E, et al. (2025) TIMP1 secretion induced by Toxoplasma effector GRA24 via p38 MAPK signaling promotes non-disruptive parasite translocation across polarized brain endothelial monolayers. *mSphere*, 10(5), e0010225.

Yang M, et al. (2025) Dimer-Specific FokT-seq Reveals DNA-Binding Dimerization and Novel Genomic Targets of TDP-43. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(42), e08902.

Rybizcka-Tešulov M, et al. (2024) Circular RNAs regulate neuron size and migration of midbrain dopamine neurons during development. *Nature communications*, 15(1), 6773.

Luo R, et al. (2024) c-Rel is a Novel Oncogene in Lung Squamous Cell Carcinoma Regulating Cell Proliferation and Migration. *Journal of Cancer*, 15(8), 2329.

Hoops D, et al. (2024) The scheduling of adolescence with Netrin-1 and UNC5C. *eLife*, 12.

Lipka A, et al. (2024) The Impact of SLC2A8 RNA Interference on Glucose Uptake and the Transcriptome of Human Trophoblast Cells. *Cells*, 13(5).

Liu L, et al. (2024) FGF21 upregulation by hepatitis C virus via the eIF2 γ -ATF4 pathway: implications for interferon signaling suppression and TRIM31-mediated TSC degradation. *Frontiers in microbiology*, 15, 1456108.