# Resource Summary Report

Generated by NIF on Jul 30, 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

**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:** 20260725T073612+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 155 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF .


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.

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.

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.

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?. Life sciences, 364, 123429.

Appasamy P, et al. (2025) PAR2 Serves an Indispensable Role in Controlling PAR4 Oncogenicity: The ?-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.

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.

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.

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.

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.

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

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

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.

Wang X, et al. (2024) Cholesterol neutralized vemurafenib treatment by promoting melanoma stem-like cells via its metabolite 27-hydroxycholesterol. Cellular and molecular life sciences : CMLS, 81(1), 226.

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

Shin GJ, et al. (2024) Single-cell RNA sequencing of nc886, a non-coding RNA transcribed by RNA polymerase III, with a primer spike-in strategy. PloS one, 19(8), e0301562.

Chen Q, et al. (2024) High-fidelity CRISPR/Cas12a dual-crRNA screening reveals novel synergistic interactions in hepatocellular carcinoma. Clinical and translational medicine, 14(7), e1758.