

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

## pLenti X1 Puro DEST (694-6)

RRID:Addgene\_17297

Type: Plasmid

### Proper Citation

RRID:Addgene\_17297

### Plasmid Information

**URL:** <http://www.addgene.org/17297>

**Proper Citation:** RRID:Addgene\_17297

**Bacterial Resistance:** Chloramphenicol and Ampicillin

**Defining Citation:** [PMID:19657394](#)

**Vector Backbone Description:** Backbone Size:9014; Vector Backbone:p156RRL-sinPPT-CMV-GFP-PRE/Nhe I; Vector Types:Mammalian Expression, Lentiviral, RNAi, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

**Comments:** Please note that there are several mismatches in sequence between depositor's sequence and Addgene's quality control sequence for this plasmid. These mismatches are in backbone regions and should not affect function.

**Plasmid Name:** pLenti X1 Puro DEST (694-6)

**Record Creation Time:** 20220422T222003+0000

**Record Last Update:** 20260808T081237+0000

### Ratings and Alerts

No rating or validation information has been found for pLenti X1 Puro DEST (694-6).

No alerts have been found for pLenti X1 Puro DEST (694-6).

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 26 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Love KS, et al. (2025) Model-guided design of microRNA-based gene circuits supports precise dosage of transgenic cargoes into diverse primary cells. *Cell systems*, 16(6), 101269.

Finnigan JP, et al. (2024) Structural basis for self-discrimination by neoantigen-specific TCRs. *Nature communications*, 15(1), 2140.

Choi EJ, et al. (2024) Metabolic stress induces a double-positive feedback loop between AMPK and SQSTM1/p62 conferring dual activation of AMPK and NFE2L2/NRF2 to synergize antioxidant defense. *Autophagy*, 1.

Lampson BL, et al. (2024) Positive selection CRISPR screens reveal a druggable pocket in an oligosaccharyltransferase required for inflammatory signaling to NF- $\kappa$ B. *Cell*, 187(9), 2209.

van Wouw SAE, et al. (2023) Sterol-regulated transmembrane protein TMEM86a couples LXR signaling to regulation of lysoplasmalogens in macrophages. *Journal of lipid research*, 64(2), 100325.

Hong JM, et al. (2023) LPA1-mediated inhibition of CXCR4 attenuates CXCL12-induced signaling and cell migration. *Cell communication and signaling : CCS*, 21(1), 257.

Tan JME, et al. (2020) The MARCH6-SQLE Axis Controls Endothelial Cholesterol Homeostasis and Angiogenic Sprouting. *Cell reports*, 32(5), 107944.

Dorafshan E, et al. (2019) Ash1 counteracts Polycomb repression independent of histone H3 lysine 36 methylation. *EMBO reports*, 20(4).

Santo EE, et al. (2018) A splice junction-targeted CRISPR approach (spJCRISPR) reveals human FOXO3B to be a protein-coding gene. *Gene*, 673, 95.

Zingg D, et al. (2018) EZH2-Mediated Primary Cilium Deconstruction Drives Metastatic Melanoma Formation. *Cancer cell*, 34(1), 69.

Choi EJ, et al. (2017) A clinical drug library screen identifies clobetasol propionate as an NRF2 inhibitor with potential therapeutic efficacy in KEAP1 mutant lung cancer. *Oncogene*, 36(37), 5285.

Kim M, et al. (2017) UVB-induced nuclear translocation of TC-PTP by AKT/14-3-3 $\sigma$  axis inhibits keratinocyte survival and proliferation. *Oncotarget*, 8(53), 90674.

van den Berg DLC, et al. (2017) Nipbl Interacts with Zfp609 and the Integrator Complex to Regulate Cortical Neuron Migration. *Neuron*, 93(2), 348.

Shiwarski DJ, et al. (2017) PI3K class II  $\beta$  regulates  $\mu$ -opioid receptor export from the trans-Golgi network. *Molecular biology of the cell*, 28(16), 2202.

Guan R, et al. (2017) Crystal structure of Zen4 in the apo state reveals a missing conformation of kinesin. *Nature communications*, 8, 14951.

Breindel JL, et al. (2017) Epigenetic Reprogramming of Lineage-Committed Human Mammary Epithelial Cells Requires DNMT3A and Loss of DOT1L. *Stem cell reports*, 9(3), 943.

McGourty CA, et al. (2016) Regulation of the CUL3 Ubiquitin Ligase by a Calcium-Dependent Co-adaptor. *Cell*, 167(2), 525.

Hayer A, et al. (2016) Engulfed cadherin fingers are polarized junctional structures between collectively migrating endothelial cells. *Nature cell biology*, 18(12), 1311.

Kohnz RA, et al. (2016) Protein Sialylation Regulates a Gene Expression Signature that Promotes Breast Cancer Cell Pathogenicity. *ACS chemical biology*, 11(8), 2131.

Maresch R, et al. (2016) Multiplexed pancreatic genome engineering and cancer induction by transfection-based CRISPR/Cas9 delivery in mice. *Nature communications*, 7, 10770.