

Resource Summary Report

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

pLEX_307

RRID:Addgene_41392

Type: Plasmid

Proper Citation

RRID:Addgene_41392

Plasmid Information

URL: <http://www.addgene.org/41392>

Proper Citation: RRID:Addgene_41392

Bacterial Resistance: Chloramphenicol and Ampicillin

Vector Backbone Description: Backbone Size:10065; Vector Backbone:pLKO; Vector Types:Mammalian Expression, Lentiviral, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Plasmid for constitutive lentiviral expression. There is a C-terminal V5 tag followed by a stop codon directly after the Gateway sequence. Alternate plasmid names: pLX307, SV40-puro; EF1a-gateway-V5 tag

Plasmid Name: pLEX_307

Record Creation Time: 20220422T222215+0000

Record Last Update: 20260815T081445+0000

Ratings and Alerts

No rating or validation information has been found for pLEX_307.

No alerts have been found for pLEX_307.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 117 mentions in open access literature.

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

Ibrahim KE, et al. (2026) In vivo CAR T cell generation using retargeted and functionalized lentiviral vectors with reduced immunogenicity. *Nature communications*, 17(1).

Bonilla G, et al. (2026) Multiomic analysis of clonal development reveals new regulators of leukemic cell growth. *Genes & development*, 40(7-8), 563.

Sato T, et al. (2026) Epigenomic profiling of neuroendocrine lung cancers identifies a classical-neuroendocrine ASCL1/NKX2-1 subtype and a SOX11-associated differentiation axis linked to reduced immunogenicity. *Lung cancer (Amsterdam, Netherlands)*, 217, 109464.

Cmarik EA, et al. (2026) Inhibition of USP7 Destabilizes the Noncanonical PRC1.1 Complex and Induces Neuroblastoma Differentiation. *Molecular cancer research : MCR*, 24(7), 555.

Languon S, et al. (2026) Proximity proteomics reveals a role for IFI16 during human coronavirus infection. *bioRxiv : the preprint server for biology*.

Savage RE, et al. (2026) Transcription factor collaboration enables precise T cell state engineering. *bioRxiv : the preprint server for biology*.

Chava S, et al. (2026) Loss of EHMT2 enhances NK cell-driven anti-tumor immunity through TGF- β 1 suppression. *EMBO molecular medicine*, 18(1), 232.

Kulkarni M, et al. (2026) Human non-canonical inflammasomes activate CASP3 to limit intracellular Salmonella replication in macrophages. *PLoS pathogens*, 22(4), e1014178.

Diamond B, et al. (2025) Biallelic antigen escape is a mechanism of resistance to anti-CD38 antibodies in multiple myeloma. *Blood*, 146(13), 1575.

Tietz KT, et al. (2025) CPSF1 inhibition promotes widespread use of intergenic polyadenylation sites and impairs glycolysis in prostate cancer cells. *Cell reports*, 44(1), 115211.

Liu H, et al. (2025) Development of small molecule non-covalent coronavirus 3CL protease inhibitors from DNA-encoded chemical library screening. *Nature communications*, 16(1), 152.

Baldacci S, et al. (2025) Eradicating Drug Tolerant Persister Cells in EGFR-Mutated Non-Small Cell Lung Cancer by Targeting TROP2 with CAR-T cellular therapy. *Cancer discovery*.

Moares N, et al. (2025) Dual targeting of BCMA and SLAMF7 with the CARtein system: chimeric antigen receptors with intein-mediated splicing elicit specific T cell activation against multiple myeloma. *Frontiers in immunology*, 16, 1613222.

Dunlap KN, et al. (2025) SLC7A5 is required for cancer cell growth under arginine-limited conditions. *Cell reports*, 44(1), 115130.

Granda Farias A, et al. (2025) Phenotypic screens for SIRPA expression reveal RAB21 as a general regulator of macrophage surface identity. *Cell reports*, 44(7), 115921.

Zhou Z, et al. (2025) Stromal Cell Subsets Show Model-Dependent Changes in Experimental Colitis and Affect Epithelial Tissue Repair and Immune Cell Activation. *Inflammatory bowel diseases*, 31(4), 1051.

Gonzalez-Garcia P, et al. (2025) Intein-based modular chimeric antigen receptor platform for specific CD19/CD20 co-targeting. *Molecular oncology*.

Resnick SJ, et al. (2025) Multiplex neurodegeneration proteotoxicity platform reveals DNAJB6 promotes non-toxic FUS condensate gelation and inhibits neurotoxicity. *Nature communications*, 16(1), 10285.

Duan S, et al. (2025) WNK1 signalling regulates amino acid transport and mTORC1 activity to sustain acute myeloid leukaemia growth. *Nature communications*, 16(1), 4920.

Gui L, et al. (2025) Targeting the mevalonate pathway potentiates NUAK1 inhibition-induced immunogenic cell death and antitumor immunity. *Cell reports. Medicine*, 6(2), 101913.