

Resource Summary Report

Generated by [RRID](#) on Aug 17, 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 [RRID](#) .

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.

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.

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

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.

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.

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.

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

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.

Giddins M, et al. (2025) Combinatorial protein engineering identifies potent CRISPR activators with reduced toxicity. *Nature communications*, 16(1), 11114.

Saavedra-Sanchez L, et al. (2025) The *Shigella flexneri* effector IpaH1.4 facilitates RNF213 degradation and protects cytosolic bacteria against interferon-induced ubiquitylation. *eLife*, 13.