

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org/) on May 11, 2025

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

Defining Citation: [PMID:](#)

Vector Backbone Description: Backbone Size:10065; Vector Backbone:pLKO; Vector Types:Mammalian Expression, Lentiviral, Other, Gateway Destination vector; 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: 20231115T080748+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 31 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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

Short SP, et al. (2024) MTGR1 is required to maintain small intestinal stem cell populations. *Cell death and differentiation*, 31(9), 1170.

Tsamouri LP, et al. (2024) The hydrophobicity of the CARD8 N-terminus tunes inflammasome activation. *Cell chemical biology*, 31(9), 1699.

Li Z, et al. (2024) RNA m6A modification regulates L1 retrotransposons in human spermatogonial stem cell differentiation in vitro and in vivo. *Cellular and molecular life sciences : CMLS*, 81(1), 92.

Bayraktar C, et al. (2024) ACE2-Decorated Virus-Like Particles Effectively Block SARS-CoV-2 Infection. *International journal of nanomedicine*, 19, 6931.

Takihira S, et al. (2024) PRRX1-TOP2A interaction is a malignancy-promoting factor in human malignant peripheral nerve sheath tumours. *British journal of cancer*, 130(9), 1493.

Zou T, et al. (2024) XRN1 deletion induces PKR-dependent cell lethality in interferon-activated cancer cells. *Cell reports*, 43(2), 113600.

Sweeney KM, et al. (2024) CRISPR screen for protein inclusion formation uncovers a role for SRRD in the regulation of intermediate filament dynamics and aggresome assembly. *PLoS genetics*, 20(2), e1011138.

Hayes TK, et al. (2024) Comprehensive mutational scanning of EGFR reveals TKI sensitivities of extracellular domain mutants. *Nature communications*, 15(1), 2742.

Saavedra-Sanchez L, et al. (2024) The *Shigella flexneri* effector IpaH1.4 facilitates RNF213 degradation and protects cytosolic bacteria against interferon-induced ubiquitylation. *bioRxiv : the preprint server for biology*.

Orth-He EL, et al. (2023) Protein folding stress potentiates NLRP1 and CARD8 inflammasome activation. *Cell reports*, 42(1), 111965.

Wang Q, et al. (2023) The NLRP1 and CARD8 inflammasomes detect reductive stress. *Cell reports*, 42(1), 111966.

Schmidt N, et al. (2023) SND1 binds SARS-CoV-2 negative-sense RNA and promotes viral

RNA synthesis through NSP9. *Cell*, 186(22), 4834.

Sabatier M, et al. (2023) C/EBP β Confers Dependence to Fatty Acid Anabolic Pathways and Vulnerability to Lipid Oxidative Stress-Induced Ferroptosis in FLT3-Mutant Leukemia. *Cancer discovery*, 13(7), 1720.

Hunihan L, et al. (2022) RASGRF1 Fusions Activate Oncogenic RAS Signaling and Confer Sensitivity to MEK Inhibition. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 28(14), 3091.

Campbell MR, et al. (2022) Extensive conformational and physical plasticity protects HER2-HER3 tumorigenic signaling. *Cell reports*, 38(5), 110285.

Campbell MR, et al. (2022) Targetable HER3 functions driving tumorigenic signaling in HER2-amplified cancers. *Cell reports*, 38(5), 110291.

Saha B, et al. (2022) Interactomic analysis reveals a homeostatic role for the HIV restriction factor TRIM5 α in mitophagy. *Cell reports*, 39(6), 110797.

Afzal J, et al. (2022) Cardiac ultrastructure inspired matrix induces advanced metabolic and functional maturation of differentiated human cardiomyocytes. *Cell reports*, 40(4), 111146.

Pan J, et al. (2022) Sparse dictionary learning recovers pleiotropy from human cell fitness screens. *Cell systems*, 13(4), 286.