

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

[pLEX_306](#)

RRID:Addgene_41391

Type: Plasmid

Proper Citation

RRID:Addgene_41391

Plasmid Information

URL: <http://www.addgene.org/41391>

Proper Citation: RRID:Addgene_41391

Bacterial Resistance: Chloramphenicol and Ampicillin

Vector Backbone Description: Backbone Size:9308; 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: pLX306, SV40-puro; PGK-gateway-V5 tag

Plasmid Name: pLEX_306

Record Creation Time: 20220422T222215+0000

Record Last Update: 20260725T074652+0000

Ratings and Alerts

No rating or validation information has been found for pLEX_306.

No alerts have been found for pLEX_306.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Tlili M, et al. (2025) Creatine kinase B promotes non-small cell lung cancer survival and metastasis. *The Journal of biological chemistry*, 301(11), 110805.

Damhofer H, et al. (2024) TAK1 inhibition leads to RIPK1-dependent apoptosis in immune-activated cancers. *Cell death & disease*, 15(4), 273.

Lü Y, et al. (2024) Genome-wide CRISPR screens identify novel regulators of wild-type and mutant p53 stability. *Molecular systems biology*, 20(6), 719.

Bishop TR, et al. (2023) Acetyl-CoA biosynthesis drives resistance to histone acetyltransferase inhibition. *Nature chemical biology*, 19(10), 1215.

Kong R, et al. (2022) Transcriptional Circuitry of NKX2-1 and SOX1 Defines an Unrecognized Lineage Subtype of Small-Cell Lung Cancer. *American journal of respiratory and critical care medicine*, 206(12), 1480.

Nicosia L, et al. (2022) Pharmacological inhibition of LSD1 triggers myeloid differentiation by targeting GSE1 oncogenic functions in AML. *Oncogene*, 41(6), 878.

Mukherjee S, et al. (2022) Cross-talk between mutant p53 and p62/SQSTM1 augments cancer cell migration by promoting the degradation of cell adhesion proteins. *Proceedings of the National Academy of Sciences of the United States of America*, 119(17), e2119644119.

Langille E, et al. (2022) Loss of Epigenetic Regulation Disrupts Lineage Integrity, Induces Aberrant Alveogenesis, and Promotes Breast Cancer. *Cancer discovery*, 12(12), 2930.

Leistico JR, et al. (2021) Epigenomic tensor predicts disease subtypes and reveals constrained tumor evolution. *Cell reports*, 34(13), 108927.

Brett JO, et al. (2020) Exercise rejuvenates quiescent skeletal muscle stem cells in old mice through restoration of Cyclin D1. *Nature metabolism*, 2(4), 307.

Fortin J, et al. (2020) Mutant ACVR1 Arrests Glial Cell Differentiation to Drive Tumorigenesis in Pediatric Gliomas. *Cancer cell*, 37(3), 308.

Asiaban JN, et al. (2020) Cell-Based Ligand Discovery for the ENL YEATS Domain. *ACS chemical biology*, 15(4), 895.

Sato T, et al. (2019) Epigenomic Profiling Discovers Trans-lineage SOX2 Partnerships Driving Tumor Heterogeneity in Lung Squamous Cell Carcinoma. *Cancer research*, 79(24), 6084.

Zheng Y, et al. (2019) Regulation of folate and methionine metabolism by multisite phosphorylation of human methylenetetrahydrofolate reductase. *Scientific reports*, 9(1), 4190.

Fontán L, et al. (2018) Specific covalent inhibition of MALT1 paracaspase suppresses B cell lymphoma growth. *The Journal of clinical investigation*, 128(10), 4397.