

Resource Summary Report

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

[pLEX_305](#)

RRID:Addgene_41390

Type: Plasmid

Proper Citation

RRID:Addgene_41390

Plasmid Information

URL: <http://www.addgene.org/41390>

Proper Citation: RRID:Addgene_41390

Bacterial Resistance: Chloramphenicol and Ampicillin

Vector Backbone Description: Backbone Size:9260; Vector Backbone:pLKO; Vector Types:Mammalian Expression, Lentiviral, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Plasmid for constitutive lentiviral expression. Alternate plasmid names: pLX305, SV40-puro; PGK-gateway-no tag

Plasmid Name: pLEX_305

Record Creation Time: 20220422T222215+0000

Record Last Update: 20260815T081445+0000

Ratings and Alerts

No rating or validation information has been found for pLEX_305.

No alerts have been found for pLEX_305.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Jochem M, et al. (2025) Degradome analysis to identify direct protein substrates of small-molecule degraders. *Cell chemical biology*, 32(1), 192.

Bartosch AMW, et al. (2024) ZCCHC17 Modulates Neuronal RNA Splicing and Supports Cognitive Resilience in Alzheimer's Disease. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(3).

Fitzsimmons CM, et al. (2024) Rewiring of RNA methylation by the oncometabolite fumarate in renal cell carcinoma. *NAR cancer*, 6(1), zcae004.

Enders L, et al. (2023) Pharmacological perturbation of the phase-separating protein SMNDC1. *Nature communications*, 14(1), 4504.

Bartosch AMW, et al. (2023) ZCCHC17 modulates neuronal RNA splicing and supports cognitive resilience in Alzheimer's disease. *bioRxiv : the preprint server for biology*.

Perez Verdaguer M, et al. (2022) Time-resolved proximity labeling of protein networks associated with ligand-activated EGFR. *Cell reports*, 39(11), 110950.

Nataraj NB, et al. (2022) Nucleoporin-93 reveals a common feature of aggressive breast cancers: robust nucleocytoplasmic transport of transcription factors. *Cell reports*, 38(8), 110418.

Ma Y, et al. (2022) CRISPR-mediated MECOM depletion retards tumor growth by reducing cancer stem cell properties in lung squamous cell carcinoma. *Molecular therapy : the journal of the American Society of Gene Therapy*, 30(11), 3341.

Zhang T, et al. (2022) Interrogating Kinase-Substrate Relationships with Proximity Labeling and Phosphorylation Enrichment. *Journal of proteome research*, 21(2), 494.

Kramme C, et al. (2021) MegaGate: A toxin-less gateway molecular cloning tool. *STAR protocols*, 2(4), 100907.

Mirza AN, et al. (2019) LAP2 Proteins Chaperone GLI1 Movement between the Lamina and Chromatin to Regulate Transcription. *Cell*, 176(1-2), 198.

Zhang P, et al. (2019) Genomic sequencing and editing revealed the GRM8 signaling pathway as potential therapeutic targets of squamous cell lung cancer. *Cancer letters*, 442, 53.

Zheng Y, et al. (2018) Mitochondrial One-Carbon Pathway Supports Cytosolic Folate Integrity in Cancer Cells. *Cell*, 175(6), 1546.

Brien GL, et al. (2018) Targeted degradation of BRD9 reverses oncogenic gene expression in synovial sarcoma. *eLife*, 7.

Locke C, et al. (2017) Optogenetic activation of EphB2 receptor in dendrites induced actin polymerization by activating Arg kinase. *Biology open*, 6(12), 1820.

Moser SC, et al. (2017) Acute Pharmacologic Degradation of a Stable Antigen Enhances Its Direct Presentation on MHC Class I Molecules. *Frontiers in immunology*, 8, 1920.

Huang HT, et al. (2017) MELK is not necessary for the proliferation of basal-like breast cancer cells. *eLife*, 6.