

Resource Summary Report

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

[pLIX_403](#)

RRID:Addgene_41395

Type: Plasmid

Proper Citation

RRID:Addgene_41395

Plasmid Information

URL: <http://www.addgene.org/41395>

Proper Citation: RRID:Addgene_41395

Bacterial Resistance: Chloramphenicol and Ampicillin

Vector Backbone Description: Backbone Marker:Addgene plasmid 41393; Backbone Size:9396; Vector Backbone:pCW57.1; Vector Types:Mammalian Expression, Lentiviral, Gateway Destination vector, Doxycycline inducible; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: The plasmid expresses puro-2A-rtTA-VP16 from the PGK promoter, so it can be used as an 'all-in-one' dox on system. Alternate plasmid name: TRE-gateway-V5; PGK-puro-2A-rtTA

Plasmid Name: pLIX_403

Record Creation Time: 20220422T222215+0000

Record Last Update: 20260725T074652+0000

Ratings and Alerts

No rating or validation information has been found for pLIX_403.

No alerts have been found for pLIX_403.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 69 mentions in open access literature.

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

Amiri M, et al. (2026) Distinct Roles of SLC26A3 and CFTR in Surface pH Regulation and Bicarbonate Secretion in Human Intestinal Epithelium. *Acta physiologica (Oxford, England)*, 242(2), e70157.

Verdu Schlie A, et al. (2025) CDK4 loss-of-function mutations cause microcephaly and short stature. *Genes & development*, 39(9-10), 634.

Striebel J, et al. (2025) Reproducible Human Neural Circuits Printed with Single-Cell Precision Reveal the Functional Roles of Ephaptic Coupling. *ACS nano*, 19(44), 38457.

Williams JK, et al. (2025) Calpains orchestrate secretion of annexin-containing microvesicles during membrane repair. *The Journal of cell biology*, 224(7).

Fan C, et al. (2025) Identification of a SNAIL1 enhancer RNA that drives cancer cell plasticity. *Nature communications*, 16(1), 2890.

Tiwari A, et al. (2025) Synergistic RAS-MAPK and AKT Activation in MYC-Driven Tumors via Adjacent PVT1 Rearrangements. *bioRxiv : the preprint server for biology*.

Abu-Remaileh M, et al. (2025) HIF2-driven PTHrP Causes Cachexia and Hypercalcemia in Kidney Cancer: Treatment with HIF2 Inhibitors. *bioRxiv : the preprint server for biology*.

Yang J, et al. (2025) Integrative analysis reveals therapeutic potential of pyrvinium pamoate in Merkel cell carcinoma. *The Journal of clinical investigation*, 135(7).

Lavi I, et al. (2025) Unidirectional recruitment between MeCP2 and KSHV-encoded LANA revealed by CRISPR/Cas9 recruitment assay. *PLoS pathogens*, 21(3), e1012972.

Merold V, et al. (2025) Structural basis for OAS2 regulation and its antiviral function. *Molecular cell*, 85(11), 2176.

Li S, et al. (2025) Integrative characterization of MYC RNA-binding function. *Cell genomics*, 5(7), 100878.

Cunanan CJ, et al. (2025) BAP1 Loss Affords Lipotoxicity Resistance in Uveal Melanoma. *Pigment cell & melanoma research*, 38(3), e70021.

Liu Y, et al. (2025) Reversible proliferative arrest induced by rapid depletion of RNase MRP. *Nature communications*, 16(1), 5342.

DeAngelo JD, et al. (2025) Productive mRNA chromatin escape is promoted by PRMT5 activity. *Molecular cell*, 85(21), 4016.

Shah K, et al. (2024) Regulation by the RNA-binding protein Unkempt at its effector interface. *Nature communications*, 15(1), 3159.

Boddu PC, et al. (2024) Transcription elongation defects link oncogenic SF3B1 mutations to targetable alterations in chromatin landscape. *Molecular cell*, 84(8), 1475.

Fang M, et al. (2024) EZH2 inhibition reactivates epigenetically silenced FMR1 and normalizes molecular and electrophysiological abnormalities in fragile X syndrome neurons. *Frontiers in neuroscience*, 18, 1348478.

Naha R, et al. (2024) SLP2 and MIC13 synergistically coordinate MICOS assembly and crista junction formation. *iScience*, 27(12), 111467.

Li J, et al. (2024) TFE3 fusions direct an oncogenic transcriptional program that drives OXPHOS and unveils vulnerabilities in translocation renal cell carcinoma. *bioRxiv : the preprint server for biology*.

DeAngelo JD, et al. (2024) Productive mRNA Chromatin Escape is Promoted by PRMT5 Methylation of SNRPB. *bioRxiv : the preprint server for biology*.