

Resource Summary Report

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

[pCW57.1](#)

RRID:Addgene_41393

Type: Plasmid

Proper Citation

RRID:Addgene_41393

Plasmid Information

URL: <http://www.addgene.org/41393>

Proper Citation: RRID:Addgene_41393

Bacterial Resistance: Chloramphenicol and Ampicillin

Vector Backbone Description: Backbone Size:9354; Vector Backbone:pCW57.1; Vector Types:Mammalian Expression, Lentiviral, Gateway Destination vector, Doxycycline inducible; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: The plasmid expresses rtTA-VP16-2A-puro from the PGK promoter, so it can be used as an 'all-in-one' dox on system. Alternate plasmid names: pLIX_401 TRE-gateway; PGK-rtTA-2A-puro

Plasmid Name: pCW57.1

Record Creation Time: 20220422T222215+0000

Record Last Update: 20260815T081445+0000

Ratings and Alerts

No rating or validation information has been found for pCW57.1.

No alerts have been found for pCW57.1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 251 mentions in open access literature.

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

Pachano T, et al. (2026) Systematic discovery of pathogen effector functions across human pathogens and pathways. *Cell*.

Mezzell AT, et al. (2026) Oculopharyngeal muscular dystrophy (OPMD) associated alanine expansion impairs the function of the nuclear polyadenosine RNA binding protein PABPN1 as revealed by proximity labeling and comparative proteomics. *PLoS genetics*, 22(1), e1011743.

van Dinther M, et al. (2026) Decoding the Mechanism of Action of a Parasite TGF β antagonist Inspires the Creation of Cell-type-specific TGF β Modulators. *bioRxiv : the preprint server for biology*.

Marmolejo CO, et al. (2026) Precise control of transcription condensates across S phase balances linker histone expression with DNA replication, ensuring genome stability. *Molecular cell*, 86(4), 640.

Odonkor I, et al. (2026) Stress-specific NONO interactomes reveal a key role of Hsp70 chaperone activity in regulation of paraspeckle formation. *Journal of cell science*, 139(2).

Liu S, et al. (2026) SLC33A1 exports oxidized glutathione to maintain endoplasmic reticulum redox homeostasis. *bioRxiv : the preprint server for biology*.

Örd M, et al. (2026) Uncovering cancer dependencies in peptide-interacting protein pockets. *bioRxiv : the preprint server for biology*.

Rodriguez Gama A, et al. (2026) Adaptor protein supersaturation drives innate immune signaling and cell fate. *eLife*, 14.

Polizzese D, et al. (2026) Sequence-specific RNA recognition drives Restrictor-mediated termination of extragenic transcription. *Molecular cell*, 86(6), 1046.

Bevilacqua R, et al. (2026) Therapeutic vulnerabilities exposed by the 9p21 loss identified through multiparametric drug screening inform rational combination strategies. *NPJ precision oncology*, 10(1).

Wang L, et al. (2026) DUSP22 dephosphorylates LGALS1 to enhance T cell-driven antitumor immunity. *Journal for immunotherapy of cancer*, 14(1).

Ferguson N, et al. (2026) The Copper Chaperone ATOX1 Exhibits Differential Protein-Protein Interactions and Contributes to Skeletal Myoblast Differentiation. *Molecular and cellular biology*, 46(4), 391.

Zhang JZ, et al. (2026) De novo design of Ras isoform selective binders. *Cell chemical biology*, 33(3), 396.

Tsuchiya M, et al. (2026) GPLD1 is a scavenger carrier mediating lysosomal degradation of extracellular aberrant proteins. *Life science alliance*, 9(8).

López-Fuentes E, et al. (2026) Epigenetic and Transcriptional Programs Define Osteosarcoma Subtypes and Establish Targetable Vulnerabilities. *Cancer discovery*, 16(2), 296.

Carlson HL, et al. (2026) MYST acetyltransferases are a targetable therapeutic vulnerability in SETBP1-mutant leukemia. *bioRxiv : the preprint server for biology*.

van Dinther M, et al. (2026) Decoding the Mechanism of Action of a Parasite TGF β Antagonist Inspires the Creation of Cell-Type-Specific TGF β Modulators. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(38), e75322.

Powers J, et al. (2026) eIF4G2-Dependent Translation Restrains Pancreatic Cancer Progression. *Cancer research*.

Gentile C, et al. (2026) mSWI/SNF complex inhibition sensitizes KRAS-mutant lung cancers to targeted therapies via epithelial-mesenchymal subversion. *bioRxiv : the preprint server for biology*.

Meesilpavikkai K, et al. (2025) Novel STAT3 Y360C Gain-of-function Variant Underlies Immune Dysregulation and Aberrancy in Mitochondrial Dynamics. *Immune network*, 25(2), e18.