Resource Summary Report

Generated by SPARC SAWG on Sep 2, 2026

pCW57-MCS1-2A-MCS2

RRID:Addgene_71782
Type: Plasmid

Proper Citation

RRID:Addgene_71782

Plasmid Information

URL: http://www.addgene.org/71782

Proper Citation: RRID:Addgene_71782

Bacterial Resistance: Ampicillin

Defining Citation: PMID:30795624

Vector Backbone Description: Backbone Marker:Broad Insitute; Backbone Size:7709; Vector Backbone:pCW57.1; Vector Types:Mammalian Expression, Lentiviral, Doxycycline inducible; P2A Self Cleaving Peptide; Bacterial Resistance:Ampicillin

Plasmid Name: pCW57-MCS1-2A-MCS2

Record Creation Time: 20220422T222442+0000

Record Last Update: 20260902T050052+0000

Ratings and Alerts

No rating or validation information has been found for pCW57-MCS1-2A-MCS2.

No alerts have been found for pCW57-MCS1-2A-MCS2.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 36 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Horvat NK, et al. (2026) Loss of miR-29a/b1 Cluster Reprograms the Tumor Microenvironment and Contributes to Immunosuppression in Lung Cancer. Cancer immunology research, 14(6), 974.

Gagnon KA, et al. (2026) Oncogenic Alterations in PI3K Signaling Emulated Optogenetically Recapitulate Some Phenotypic Changes in Mammary Epithelia. ACS synthetic biology, 15(2), 561.

Berico P, et al. (2026) A Targetable Developmental Program Coregulates Angiogenesis and Immune Evasion in Melanoma. Cancer discovery, 16(6), 1200.

Nano M, et al. (2026) A kinome inhibitor screen implicates adhesion and growth factor signaling in cellular recovery after caspase activation. bioRxiv : the preprint server for biology.

Wu T, et al. (2026) Regulation of sodium/calcium homeostasis by BacNav gene therapy rescues cardiac dysfunction in chronic heart failure. Science advances, 12(12), eady4551.

Vaeyens F, et al. (2026) Variant-Specific Landscape of Mutual Exclusivity Among BRAF, EGFR, and KRAS Oncogenes Reveals Overlap With Functionally Antagonistic Mutant Pairs. International journal of cancer, 159(7), 1715.

Nix MN, et al. (2026) A bivalent molecular glue linking lysine acetyltransferases to oncogene-induced cell death. Cell.

Galindo-Moreno M, et al. (2025) Aurora B and INCENP co-overexpression severely disrupts mitosis and distinctly modifies the global transcriptional landscape. iScience, 28(6), 112731.

Rohlfes N, et al. (2025) The nuclear localization signal of CPSF6 governs post-nuclear import steps of HIV-1 infection. PLoS pathogens, 21(1), e1012354.

Nix MN, et al. (2025) A Bivalent Molecular Glue Linking Lysine Acetyltransferases to Oncogene-induced Cell Death. bioRxiv : the preprint server for biology.

Rollins K, et al. (2025) Target cell adhesion limits macrophage phagocytosis and promotes trogocytosis. bioRxiv : the preprint server for biology.

Zielinski JM, et al. (2025) Thyroid Hormone Receptor ? Suppresses Cancer Cell Activity by Differential Regulation of Glycogen Metabolism. Endocrinology, 166(12).

Mallon SD, et al. (2025) Polyalanine Expansion in PABPN1 Alters the Structure and Dynamics of Its Nuclear Aggregates in Differentiated Muscle Cells. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(12), e70748.

Aoi Y, et al. (2025) SPT5 regulates RNA polymerase II stability via Cullin 3-ARMC5 recognition. Science advances, 11(4), eadt5885.

Liang F, et al. (2024) DOT1L/H3K79me2 represses HIV-1 reactivation via recruiting DCAF1. Cell reports, 43(7), 114368.

Guo X, et al. (2024) The Zn2+ transporter ZIP7 enhances endoplasmic-reticulum-associated protein degradation and prevents neurodegeneration in Drosophila. Developmental cell, 59(13), 1655.

Nguyen CDK, et al. (2024) PRMT1 promotes epigenetic reprogramming associated with acquired chemoresistance in pancreatic cancer. Cell reports, 43(5), 114176.

Iyer-Bierhoff A, et al. (2024) Acetylation-induced proteasomal degradation of the activated glucocorticoid receptor limits hormonal signaling. iScience, 27(2), 108943.

Ren S, et al. (2024) PAPAS promotes differentiation of mammary epithelial cells and suppresses breast carcinogenesis. Cell reports, 43(1), 113644.

Carreras Mascaro A, et al. (2024) LRP10 and ?-synuclein transmission in Lewy body diseases. Cellular and molecular life sciences : CMLS, 81(1), 75.