

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

[pCMVR8.74](#)

RRID:Addgene_22036

Type: Plasmid

Proper Citation

RRID:Addgene_22036

Plasmid Information

URL: <http://www.addgene.org/22036>

Proper Citation: RRID:Addgene_22036

Insert Name: gag pol tat rev

Organism: HIV-1

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:4661; Vector Backbone:pCMV; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCMVR8.74

Record Creation Time: 20220422T222058+0000

Record Last Update: 20260829T080215+0000

Ratings and Alerts

No rating or validation information has been found for pCMVR8.74.

No alerts have been found for pCMVR8.74.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 252 mentions in open access literature.

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

Bonechi F, et al. (2026) ESR1-Activating Mutations Confer Metabolic Vulnerabilities in ER+ Breast Cancer. *Cancer research*, 86(3), 679.

Song D, et al. (2026) RNA structure programs endogenous ADAR for precise and efficient editing. *Cell*, 189(14), 4359.

Vuillefroy de Silly R, et al. (2026) High-titer modular retroviral vectors enabled by an antisense cassette design preventing dsRNA formation during virus production. *Molecular therapy. Advances*, 34(2), 201719.

Abdrakhmanov A, et al. (2026) A lineage-specific selective autophagy receptor module mediates P-body turnover. *Developmental cell*, 61(4), 744.

Gligorijevic B, et al. (2026) EMT and cell cycle control invadopodia and metastasis in breast cancer via Filip1L. *Research square*.

Herrmann E, et al. (2026) Structural Mechanism and Cellular Restriction of Tau Seeding from Endolysosomes. *bioRxiv : the preprint server for biology*.

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.

Assaf S, et al. (2026) Glioblastoma stem cell growth requires DOT1L-MED23 control of enhancer accessibility. *Cell reports*, 45(7), 117647.

Clayfield L, et al. (2026) Retinal determination network reactivation drives chemoresistance and blocks myeloid differentiation in acute myeloid leukemia. *Cell reports*, 45(2), 116875.

Ferreira R, et al. (2026) Enhancing the transduction efficiency of lentiviral vectors in CAR-T cell therapy through an optimization workflow. *Frontiers in medicine*, 13, 1727427.

Kooi R, et al. (2026) Controllable Dynamic Mechanical Cell Stimulation using Magnetically Actuated Artificial Cilia. *Advanced healthcare materials*, 15(18), e00001.

Grillo G, et al. (2026) Transposable elements shape stemness in normal and leukemic hematopoiesis. *Nature genetics*, 58(5), 1087.

Wang H, et al. (2025) The tandem CD33-CLL1 CAR-T as an approach to treat acute myeloid leukemia. *Blood transfusion = Trasfusione del sangue*, 23(4), 338.

Boutet M, et al. (2025) Mutations in MLL3 promote breast cancer progression via HIF1?-dependent intratumoral recruitment and differentiation of regulatory T cells. *Immunity*, 58(8), 2035.

Fullstone TL, et al. (2025) Identification of FLYWCH1 as a regulator of platinum-resistance in epithelial ovarian cancer. *NAR cancer*, 7(2), zcaf012.

Sánchez-Álvarez M, et al. (2025) PERK-dependent reciprocal crosstalk between ER and non-centrosomal microtubules coordinates ER architecture and cell shape. *Cell reports*, 44(5), 115590.

Alemaný C, et al. (2025) Influenza A virus induces PI4P production at the endoplasmic reticulum in an ATG16L1-dependent manner to promote the egress of viral ribonucleoproteins. *PLoS biology*, 23(7), e3002958.

Lewis SM, et al. (2025) LeGO-3D: 3D imaging of lung metastases and vascularisation using light sheet fluorescence microscopy. *Npj imaging*, 3(1), 58.

Zoladek J, et al. (2025) MITD1 is a brain-specific interferon-inducible factor that inhibits flavivirus replication. *Proceedings of the National Academy of Sciences of the United States of America*, 122(12), e2502064122.

Xia JB, et al. (2025) FoxO3 controls cardiomyocyte proliferation and heart regeneration by regulating Sfrp2 expression in postnatal mice. *Nature communications*, 16(1), 2532.