

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 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: 20260801T081010+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 239 mentions in open access literature.

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

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.

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.

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.

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

Rose K, et al. (2025) In situ cryo-ET visualization of mitochondrial depolarization and mitophagic engulfment. *Proceedings of the National Academy of Sciences of the United States of America*, 122(31), e2511890122.

Chen Z, et al. (2025) YTHDF2 promotes ATP synthesis and immune evasion in B cell malignancies. *Cell*, 188(2), 331.

Yao B, et al. (2025) Insights into pegRNA design from editing of the cardiomyopathy-associated phospholamban R14del mutation. *FEBS letters*, 599(17), 2543.

Wu Z, et al. (2025) Glycan shielding enables TCR-sufficient allogeneic CAR-T therapy. *Cell*.

Stassen OMJA, et al. (2025) Mechanosensitive interactions between Jag1 and Myo1c control Jag1 trafficking in endothelial cells. *iScience*, 28(12), 113879.

Bribes I, et al. (2025) African strains of Zika virus resist ISG-mediated restriction. *PLoS neglected tropical diseases*, 19(7), e0013326.

Todorov TZ, et al. (2025) Phosphoproteomics Reveals L1CAM-Associated Signaling Networks in High-Grade Serous Ovarian Carcinoma: Implications for Radioresistance and Tumorigenesis. *International journal of molecular sciences*, 26(10).

Srinivasan S, et al. (2025) A Live Cell Imaging-Compatible Bioreactor for the Interrogation of Cellular Responses to Modulated Flow Conditions. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(22), e2417141.

Lodewijk GA, et al. (2025) Self-organization of mouse embryonic stem cells into reproducible pre-gastrulation embryo models via CRISPRa programming. *Cell stem cell*, 32(6), 895.

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.

Ishii Y, et al. (2025) Compound screening in human airway basal cells identifies Wnt pathway activators as potential pro-regenerative therapies. *Journal of cell science*, 138(7).

Rose K, et al. (2025) In situ cryo-ET visualization of mitochondrial depolarization and mitophagic engulfment. *bioRxiv : the preprint server for biology*.

Borgeaud AC, et al. (2025) Large transient assemblies of Apaf1 constitute the apoptosome in cells. *Nature communications*, 16(1), 9429.