

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

pCMV delta R8.2

RRID:Addgene_12263

Type: Plasmid

Proper Citation

RRID:Addgene_12263

Plasmid Information

URL: <http://www.addgene.org/12263>

Proper Citation: RRID:Addgene_12263

Insert Name: HIV-1 GAG/POL, Tat and Rev

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:8128; Vector Backbone:pCMVR8.2; Vector Types:Mammalian Expression, Lentiviral, Packaging; Bacterial Resistance:Ampicillin

Comments: Packaging plasmid. Please note that the full sequence for this plasmid is approximated and not fully verified. Please visit the Trono lab <http://tronolab.epfl.ch> for cloning strategies, protocols, publications, and more. Addgene Note: This is a lentiviral packaging plasmid that may contain regulatory and accessory HIV genes. Please see Naldini, et al., PNAS 1996 for more details on this construct.

Plasmid Name: pCMV delta R8.2

Record Creation Time: 20220422T221641+0000

Record Last Update: 20260829T075338+0000

Ratings and Alerts

No rating or validation information has been found for pCMV delta R8.2.

No alerts have been found for pCMV delta R8.2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 236 mentions in open access literature.

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

Vu L, et al. (2026) ULK1 drives NDP52-mediated selective autophagic degradation of MHC-I to promote immune evasion in HPV-positive head and neck cancer. *bioRxiv : the preprint server for biology*.

Bolli E, et al. (2026) CCL3 is produced by aged neutrophils across cancers and promotes tumor growth. *Cancer cell*, 44(3), 624.

Kim MJ, et al. (2026) Excessive epithelial mechanosensation drives nociceptive innervation and chronic bladder pain via the PIEZO1-SLC7A11-glutamate axis. *Cell*.

Huang JX, et al. (2026) Indocyanine Green-Labeled Antibodies Cotargeting CDCP1 and Mesothelin for Fluorescence-Guided Imaging of Pancreatic Cancer. *Molecular pharmaceutics*, 23(2), 1059.

Prahl LS, et al. (2026) Synthetic budding morphogenesis by optogenetic receptor tyrosine kinase signaling. *bioRxiv : the preprint server for biology*.

Kettner NM, et al. (2025) IL-6 predicts CDK4/6 inhibitor resistance, identifying STAT3 as a target in HR + /HER2-negative metastatic breast cancer. *NPJ precision oncology*, 9(1), 260.

Bosch-Calvet M, et al. (2025) Nuclear stiffness through lamin A/C overexpression differentially modulates chromosomal instability biomarkers. *Biology of the cell*, 117(2), e12001.

Benman W, et al. (2025) Multiplexed dynamic control of temperature to probe and observe mammalian cells. *Cell systems*, 16(3), 101234.

Yasukawa K, et al. (2025) ACVR2A attenuation impacts lactate production and hyperglycolytic conditions attracting regulatory T cells in hepatocellular carcinoma. *Cell reports. Medicine*, 6(4), 102038.

Gu S, et al. (2025) Elucidating the genetic mechanisms governing cytosine base editing outcomes through CRISPRi screens. *Nature communications*, 16(1), 4685.

Bou Antoun N, et al. (2025) Development and Characterization of Three Novel FGFR Inhibitor Resistant Cervical Cancer Cell Lines to Help Drive Cervical Cancer Research. *International journal of molecular sciences*, 26(5).

Handler JS, et al. (2025) A cell-state axis underlying colonization in carcinomas with implications for metastasis risk prediction and interception. *Cell reports*, 44(12), 116701.

McLean IC, et al. (2025) Oncostatin M orchestrates collective epithelial migration via HIF1A activation. *bioRxiv : the preprint server for biology*.

Bontempo A, et al. (2025) Yoda1, a Piezo1 agonist, induced latent HIV reactivation associated with upregulation of CD3/TCR complex and HLA genes. Research square.

Ismail SD, et al. (2025) The role of Nef in the long-term persistence of the replication-competent HIV reservoir in South African women. Journal of virology, 99(7), e0021725.

Pei B, et al. (2025) Transcription factor TFAP2A drives the growth and metastasis and blocks ferroptosis of triple-negative breast cancer by activating PRAME transcription. Naunyn-Schmiedeberg's archives of pharmacology.

Kane MA, et al. (2025) Adhesion strength of tumor cells predicts metastatic disease in vivo. Cell reports, 44(3), 115359.

Datar GK, et al. (2025) Disparate leukemia mutations converge on nuclear phase-separated condensates. Cell, 188(25), 7118.

Stacey JCV, et al. (2025) The conserved HIV-1 spacer peptide 2 triggers matrix lattice maturation. Nature, 640(8057), 258.

Natale CA, et al. (2025) LNS8801: An Enantiomerically Pure Agonist of the G Protein-Coupled Estrogen Receptor Suitable for Clinical Development. Cancer research communications, 5(4), 556.