

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Apr 24, 2025

## pCMV-dR8.2 dvpr

RRID:Addgene\_8455

Type: Plasmid

### Proper Citation

RRID:Addgene\_8455

### Plasmid Information

**URL:** <http://www.addgene.org/8455>

**Proper Citation:** RRID:Addgene\_8455

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:12649500](https://pubmed.ncbi.nlm.nih.gov/12649500/)

**Vector Backbone Description:** Backbone Size:0; Vector Backbone:na; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

**Comments:** Packaging plasmid for Lentiviral constructs (vpr is removed). The 293T cell line can be obtained from the Weinberg lab or GenHunter <http://genhunter.com/products/aptag-3/index.html> \*Addgene Comment: This plasmid contains some HIV accessory genes. Please reach out to your biosafety officer for guidance. The definition of "2nd generation" for this plasmid differs from the standard definition.

**Plasmid Name:** pCMV-dR8.2 dvpr

**Record Creation Time:** 20220422T222545+0000

**Record Last Update:** 20250223T091242+0000

### Ratings and Alerts

No rating or validation information has been found for pCMV-dR8.2 dvpr.

No alerts have been found for pCMV-dR8.2 dvpr.

## Data and Source Information

**Source:** [Addgene](#)

---

## Usage and Citation Metrics

We found 140 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Caggiano R, et al. (2025) Suppression of ADP-ribosylation reversal triggers cell vulnerability to alkylating agents. *Neoplasia (New York, N.Y.)*, 59, 101092.

Moreno-Aguilera M, et al. (2024) KIS counteracts PTBP2 and regulates alternative exon usage in neurons. *eLife*, 13.

Singh S, et al. (2024) PLD3 and PLD4 synthesize S,S-BMP, a key phospholipid enabling lipid degradation in lysosomes. *bioRxiv : the preprint server for biology*.

Kim U, et al. (2024) ?Np63 regulates MDSC survival and metabolism in triple-negative breast cancer. *iScience*, 27(4), 109366.

Puccinelli RR, et al. (2024) Open-source milligram-scale, four channel, automated protein purification system. *PloS one*, 19(2), e0297879.

Blawski R, et al. (2024) Methylation of the chromatin modifier KMT2D by SMYD2 contributes to therapeutic response in hormone-dependent breast cancer. *Cell reports*, 43(5), 114174.

Nag JK, et al. (2024) Involvement of Protease-Activated Receptor2 Pleckstrin Homology Binding Domain in Ovarian Cancer: Expression in Fallopian Tubes and Drug Design. *Biomedicines*, 12(1).

Park C, et al. (2024) Murine alveolar macrophages rapidly accumulate intranasally administered SARS-CoV-2 Spike protein leading to neutrophil recruitment and damage. *eLife*, 12.

Francis JW, et al. (2024) FAM86A methylation of eEF2 links mRNA translation elongation to tumorigenesis. *Molecular cell*.

López Malizia A, et al. (2024) Clusterin protects mature dendritic cells from reactive oxygen species mediated cell death. *Oncoimmunology*, 13(1), 2294564.

Geller E, et al. (2024) Massively parallel disruption of enhancers active in human neural stem cells. *Cell reports*, 43(2), 113693.

Viushkov VS, et al. (2024) A Comparison of Two Versions of the CRISPR-Sirius System for the Live-Cell Visualization of the Borders of Topologically Associating Domains. *Cells*, 13(17).

Huang X, et al. (2024) Neddylation signaling inactivation by tetracaine hydrochloride suppresses cell proliferation and alleviates vemurafenib-resistance of melanoma. *Cell biology and toxicology*, 40(1), 81.

Root J, et al. (2024) Granulins rescue inflammation, lysosome dysfunction, lipofuscin, and neuropathology in a mouse model of progranulin deficiency. *Cell reports*, 43(12), 114985.

Bannister M, et al. (2024) An ADPRS variant disrupts ARH3 stability and subcellular localization in children with neurodegeneration and respiratory failure. *HGG advances*, 6(1), 100386.

Yang H, et al. (2024) Identification and characterization of TM4SF1+ tumor self-seeded cells. *Cell reports*, 43(7), 114512.

Luanpitpong S, et al. (2024) OGT and OGA gene-edited human induced pluripotent stem cells for dissecting the functional roles of O-GlcNAcylation in hematopoiesis. *Frontiers in cell and developmental biology*, 12, 1361943.

Pujadas Liwag EM, et al. (2024) Depletion of lamins B1 and B2 promotes chromatin mobility and induces differential gene expression by a mesoscale-motion-dependent mechanism. *Genome biology*, 25(1), 77.

Ward NP, et al. (2024) Mitochondrial respiratory function is preserved under cysteine starvation via glutathione catabolism in NSCLC. *Nature communications*, 15(1), 4244.

Chi LH, et al. (2024) Loss of tumor-derived SMAD4 enhances primary tumor growth but not metastasis following BMP4 signalling. *Cell communication and signaling : CCS*, 22(1), 248.