

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

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: 20260815T082116+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 488 mentions in open access literature.

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

Tuerxunyiming M, et al. (2026) A targeting lentiviral vector for generation of CAR-T cells in vivo. Scientific reports, 16(1).

Murdaugh RL, et al. (2026) H3 dopaminylation and CaMKII modulate diffuse midline glioma response to CDK9 inhibition. bioRxiv : the preprint server for biology.

Wang D, et al. (2026) PRMT5 is Frequently Upregulated and a Potential Therapeutic Target in MTAP-deficient Malignant Peripheral Nerve Sheath Tumors. bioRxiv : the preprint server for biology.

Vendramin R, et al. (2026) Nonsense-mediated mRNA decay inhibition reshapes the cancer immunopeptidome. Immunity, 59(5), 1398.

Sorrenti E, et al. (2026) Intratumoral microbiota and host genotype cooperatively shape neutrophil cytotoxic functions in colorectal cancer. Cell host & microbe, 34(3), 425.

Kranrod JW, et al. (2026) Establishing a direct interaction between the 19,20-EDP analog SA-22 and SIRT3: impact on cardiac mitochondrial homeostasis. Frontiers in pharmacology, 17, 1805965.

Diaz-Jimenez A, et al. (2026) EML4-ALK Variant-Specific Genetic Interactions Shape Lung Tumorigenesis. Cancer discovery, 16(1), 46.

Wang Y, et al. (2026) Tuning the sensitivity of mechanosensory receptors through histidine scanning. Cell, 189(6), 1680.

Garczyk M, et al. (2026) Targeting PI3K?? suppresses pancreatic cancer by dual disruption of fibrosis and immune evasion. Cell reports, 45(4), 117188.

Becker AP, et al. (2026) Photosensitizer proximity labeling captures the lipid and protein interactomes. Nature chemical biology.

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.

Avinery L, et al. (2026) Hypoxic conditions confer chemoresistance to crizotinib but not to imatinib in chronic myeloid leukemia cells. Hematology, transfusion and cell therapy, 48(2), 106240.

Aarts MT, et al. (2026) Mechanistic dissection of GRHL2 and PR transcriptional co-regulation in breast cells. PLoS genetics, 22(3), e1012088.

Lu Y, et al. (2026) Characterization of HER2-Positive Murine Breast Cancer Models for Investigating HER2-Targeted Therapy and Immunotherapy. Cancers, 18(6).

Lee H, et al. (2026) RB loss modulates chromatin organization by regulating cohesin-dependent loops and enhancer-promoter interactions. *Nature communications*, 17(1).

Yang J, et al. (2026) HSPA6 maintains IMPDH2 phosphorylation to regulate GTP synthesis for driving radioresistance of glioblastoma stem cells. *Cell reports*, 45(6), 117490.

Wang Y, et al. (2026) Metabolic reinvigoration of NK cells by IL-21 enhances immunotherapy against MHC class I-deficient solid tumors. *Cell reports*, 45(3), 117035.

Mou H, et al. (2026) MYC-ATF4-ASS1 axis governs intracellular arginine synthesis and dictates the immune microenvironment in melanoma. *bioRxiv : the preprint server for biology*.

Gu Y, et al. (2026) UHRF1 drives subtype-independent aggressiveness and immune evasion in small cell lung cancer through PRC2 interactions. *iScience*, 29(4), 115475.

Yassin O, et al. (2026) Deficiency of PTEN Confers Hypersensitivity to Fatty Acid-Mediated ER Stress in Transformed Hepatocytes. *International journal of molecular sciences*, 27(6).