Resource Summary Report

Generated by RRID on Aug 17, 2026

pMD2.G

RRID:Addgene_12259
Type: Plasmid

Proper Citation

RRID:Addgene_12259

Plasmid Information

URL: http://www.addgene.org/12259

Proper Citation: RRID:Addgene_12259

Insert Name: VSV G

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pMD2.G; Vector Types:Mammalian Expression, Lentiviral, Envelope; Bacterial Resistance:Ampicillin

Comments: Please note that this plasmid runs as a dimer (>11kb). While this may reduce DNA yield, the plasmid still functions as expected for lentivirus packaging. Envelope plasmid. Known to work with most Aebischer and Trono lab lentiviral vectors, as well as the pLKO system. Please visit the Trono lab http://tronolab.epfl.ch for cloning strategies, protocols, publications, and more.

Plasmid Name: pMD2.G

Record Creation Time: 20220422T221641+0000

Record Last Update: 20260815T080346+0000

Ratings and Alerts

- Used for DNA packaging by the Human Islet Research Network community. Contact(s): Seung Kim, Patrick MacDonald - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for pMD2.G.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 8105 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Dupas SJ, et al. (2026) Splice isoform-perturbation coupled to single cell transcriptome profiling reveals functions of microexons in neurogenesis and autism-linked pathways. Nature communications, 17(1), 1217.

Jain SU, et al. (2026) A SWI/SNF-specific Ig-like domain, SWIFT, is a transcription factor binding platform. Science (New York, N.Y.), 392(6793), eaeb3627.

Yi Z, et al. (2026) SNORA49 negatively regulates self-renewal of liver cancer stem cells and hepatocarcinogenesis via suppressing SOX9 transcription. Nature communications, 17(1), 766.

Mateus-Tique J, et al. (2026) Armored macrophage-targeted CAR-T cells reset and reprogram the tumor microenvironment and control metastatic cancer growth. Cancer cell, 44(3), 534.

Daly J, et al. (2026) CRISPR activation screens map the genomic landscape of cancer glycome remodeling. Cell genomics, 6(4), 101139.

Xiao L, et al. (2026) TWEAK modulates the characteristics of periodontal ligament stem cells via the Fn14/NF??B pathway. International journal of molecular medicine, 57(1).

Pan R, et al. (2026) Basement membrane-associated gene P3H2 regulates osteosarcoma progression and epithelial-mesenchymal transition through AKT/mTOR signaling axis. Translational oncology, 63, 102569.

Srivastava S, et al. (2026) Adgrg6/Gpr126 is required for compact wall integrity and establishing trabecular identity during cardiac trabeculation. Nature communications, 17(1), 1484.

Karlsson O, et al. (2026) Loss of SETDB1-mediated H3K9me3 in human neural progenitor cells leads to transcriptional activation of L1 retrotransposons. Nucleic acids research, 54(4).

Marmolejo CO, et al. (2026) Precise control of transcription condensates across S phase balances linker histone expression with DNA replication, ensuring genome stability. Molecular cell, 86(4), 640.

Utgaard ME, et al. (2026) Mechanically-induced Septin Networks Protect Nuclear Integrity. bioRxiv : the preprint server for biology.

Zhang H, et al. (2026) Programmable iPSC-derived CAR-NK vesicles remodel the immune microenvironment and eradicate tumors. Cell reports. Medicine, 7(2), 102545.

Uenaka T, et al. (2026) Prevention of transgene silencing during human pluripotent stem cell differentiation. Cell stem cell, 33(3), 517.

Sabatier M, et al. (2026) GPX4 Inhibitor Resistance and Metastatic Features in Triple-Negative Breast Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(23), e23198.

Lønskov J, et al. (2026) Viral infection and brain inflammation with seizures in PARK7 deficiency. Journal of human immunity, 2(2), e20250044.

Kim AS, et al. (2026) Integrated phenotypic screening and chemical proteomics identifies ETF1 ligands that modulate viral translation and replication. Proceedings of the National Academy of Sciences of the United States of America, 123(5), e2524108123.

Al-Mesitef S, et al. (2026) Context-specific Angiogenin-mediated tRNA fragments (tDRs) biogenesis shapes the mitochondrial stress response. Redox biology, 90, 104038.

Rainwater RR, et al. (2026) DNA-PKcs controls the cytotoxic T cell response to cancer and transplant allograft through regulating LAT-dependent signaling. Cell reports, 45(1), 116796.

Liparulo I, et al. (2026) A clickable CoQ imaging probe reveals that cellular uptake and lysosomal trafficking depend on CD36 and NPC1. Redox biology, 89, 103936.

Uible EE, et al. (2026) Scaffolding-dependent CASP1 constrains excessive cell-intrinsic inflammatory signaling in leukemia. Cell chemical biology, 33(1), 59.