

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Mar 29, 2025

## pUMVC

RRID:Addgene\_8449

Type: Plasmid

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### Proper Citation

RRID:Addgene\_8449

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### Plasmid Information

**URL:** <http://www.addgene.org/8449>

**Proper Citation:** RRID:Addgene\_8449

**Bacterial Resistance:** Kanamycin

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

**Vector Backbone Description:** Backbone Size:0; Vector Backbone:pUMVC; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Kanamycin

**Comments:** Packaging plasmid for MuLV constructs, MuLV gag and pol (no envelope). The 293T cell line can be obtained from the Weinberg lab or GenHunter <http://genhunter.com/products/aptag-3/index.html> See pUMVC3-gag-pol for a map/sequence.

**Plasmid Name:** pUMVC

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

**Record Last Update:** 20220422T225141+0000

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### Ratings and Alerts

No rating or validation information has been found for pUMVC.

No alerts have been found for pUMVC.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 44 mentions in open access literature.

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

Singh D, et al. (2024) PP2A B55 $\gamma$  inhibits epithelial-mesenchymal transition via regulation of Slug expression in non-small cell lung cancer. *Cancer letters*, 598, 217110.

Colson C, et al. (2024) SLC45A4 encodes a mitochondrial putrescine transporter that promotes GABA de novo synthesis. *bioRxiv : the preprint server for biology*.

Jin Y, et al. (2024) Tsyn-Seq: a T-cell Synapse-Based Antigen Identification Platform. *Cancer immunology research*, 12(5), 530.

Egli L, et al. (2024) CAR T cells outperform CAR NK cells in CAR-mediated effector functions in head-to-head comparison. *Experimental hematology & oncology*, 13(1), 51.

Shao X, et al. (2024) Generation of a conditional cellular senescence model using proximal tubule cells and fibroblasts from human kidneys. *Cell death discovery*, 10(1), 364.

Ahmed N, et al. (2024) TurboID-Based IRE1 Interactome Reveals Participants of the Endoplasmic Reticulum-Associated Protein Degradation Machinery in the Human Mast Cell Leukemia Cell Line HMC-1.2. *Cells*, 13(9).

Peeney D, et al. (2024) Extracellular Proximity Labeling Reveals an Expanded Interactome for the Matrisome Protein TIMP2. *Research square*.

Müller T, et al. (2024) The neuronal transcription factor MEIS2 is a calpain-2 protease target. *Journal of cell science*, 137(4).

Türegün Atasoy B, et al. (2024) Effect of  $\gamma$ -Np63 $\gamma$  on cell cycle and apoptosis in T98G cells. *Turkish journal of medical sciences*, 54(6), 1355.

O'Loughlin E, et al. (2024) Distinct phenotypic consequences of cholangiocarcinoma-associated FGFR2 alterations depend on biliary epithelial maturity. *bioRxiv : the preprint server for biology*.

Liebau RC, et al. (2024) Transcription-Coupled Repair of DNA Interstrand Crosslinks by UVSSA. *bioRxiv : the preprint server for biology*.

Topchu I, et al. (2024) NSD1 supports cell growth and regulates autophagy in HPV-negative head and neck squamous cell carcinoma. *Cell death discovery*, 10(1), 75.

Cho MG, et al. (2024) MRE11 liberates cGAS from nucleosome sequestration during tumorigenesis. *Nature*, 625(7995), 585.

Williams DM, et al. (2024) S-acylation of NLRP3 provides a nigericin sensitive gating mechanism that controls access to the Golgi. *eLife*, 13.

Sun Y, et al. (2023) AMPK Phosphorylates ZDHHC13 to Increase MC1R Activity and Suppress Melanomagenesis. *Cancer research*, 83(7), 1062.

Sumya FT, et al. (2023) Acute COG complex inactivation unveiled its immediate impact on Golgi and illuminated the nature of intra-Golgi recycling vesicles. *Traffic (Copenhagen, Denmark)*, 24(2), 52.

Hatterschide J, et al. (2023) Monitoring cell fate in 3D organotypic human squamous epithelial cultures. *STAR protocols*, 4(1), 102101.

Gilhaus K, et al. (2023) Activation of Hippo Pathway Damages Slit Diaphragm by Deprivation of Ajuba Proteins. *Journal of the American Society of Nephrology : JASN*, 34(6), 1039.

Sumya FT, et al. (2023) Rapid COG Depletion in Mammalian Cell by Auxin-Inducible Degradation System. *Methods in molecular biology (Clifton, N.J.)*, 2557, 365.

Ecker M, et al. (2022) SNX9-induced membrane tubulation regulates CD28 cluster stability and signalling. *eLife*, 11.