

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pCAG-VSVG

RRID:Addgene_35616

Type: Plasmid

Proper Citation

RRID:Addgene_35616

Plasmid Information

URL: <http://www.addgene.org/35616>

Proper Citation: RRID:Addgene_35616

Insert Name: VSV G protein

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pCAG; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: There are some small discrepancies between Addgene's quality control sequence and the sequence provided by the depositor. These discrepancies should not affect the plasmid function.

Plasmid Name: pCAG-VSVG

Record Creation Time: 20220422T222152+0000

Record Last Update: 20260815T081402+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-VSVG.

No alerts have been found for pCAG-VSVG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Wimmer R, et al. (2026) Two translocation mechanisms drive neural stem cell dissemination into the human fetal cortex. *Neuron*, 114(12), 2165.

Tang S, et al. (2026) PTEN Loss Promotes PI3K γ Phosphorylation and EPHA2/SRC/p-PI3K γ Y962 Complex Assembly to Drive Tumorigenesis. *Cancer discovery*, 16(3), 521.

Kim N, et al. (2025) Scalable control of stem cell fate by riboswitch-regulated RNA viral vector without genomic integration. *Molecular therapy : the journal of the American Society of Gene Therapy*, 33(3), 1213.

Zhang J, et al. (2025) The transcription factor ZFP64 promotes activity-dependent synapse elimination during postnatal cerebellar development. *iScience*, 28(6), 112746.

Lin Y, et al. (2025) Inhibition of LDHB triggers DNA damage and increases cisplatin sensitivity in pleural mesothelioma. *Oncogenesis*, 14(1), 28.

Moreno CL, et al. (2025) P selectin promotes SARS-CoV-2 interactions with platelets and the endothelium. *The Journal of clinical investigation*, 135(22).

Deng H, et al. (2025) Ubiquinol-mediated suppression of mitochondria-associated ferroptosis is a targetable function of lactate dehydrogenase B in cancer. *Nature communications*, 16(1), 2597.

Fullstone TL, et al. (2025) Identification of FLYWCH1 as a regulator of platinum-resistance in epithelial ovarian cancer. *NAR cancer*, 7(2), zcaf012.

Simonin JA, et al. (2025) Early to Late VSV-G Expression in AcMNPV BV Enhances Transduction in Mammalian Cells but Does Not Affect Virion Yield in Insect Cells. *Vaccines*, 13(7).

Wang J, et al. (2024) A platform of functional studies of ESCC-associated gene mutations identifies the roles of TGFBR2 in ESCC progression and metastasis. *Cell reports*, 43(11), 114952.

Sidibé A, et al. (2024) Acetyl-NPKY of integrin- α 1 binds KINDLIN2 to control endothelial cell proliferation and junctional integrity. *iScience*, 27(6), 110129.

Ren Z, et al. (2024) Transient hydroxycholesterol treatment restrains TCR signaling to promote long-term immunity. *Cell chemical biology*, 31(5), 920.

Loo L, et al. (2023) Fibroblast-expressed LRRC15 is a receptor for SARS-CoV-2 spike and controls antiviral and antifibrotic transcriptional programs. *PLoS biology*, 21(2), e3001967.

Needham EJ, et al. (2022) Personalized phosphoproteomics identifies functional signaling. *Nature biotechnology*, 40(4), 576.

Umansky C, et al. (2022) Endogenous formaldehyde scavenges cellular glutathione resulting in redox disruption and cytotoxicity. *Nature communications*, 13(1), 745.

Eltahir MK, et al. (2022) Pharmacotherapy alleviates pathological changes in human direct reprogrammed neuronal cell model of myotonic dystrophy type 1. *PloS one*, 17(7), e0269683.

Wang Z, et al. (2022) ACE2 can act as the secondary receptor in the Fc γ R-dependent ADE of SARS-CoV-2 infection. *iScience*, 25(1), 103720.

Millul J, et al. (2021) An ultra-high-affinity small organic ligand of fibroblast activation protein for tumor-targeting applications. *Proceedings of the National Academy of Sciences of the United States of America*, 118(16).

Mock J, et al. (2020) A universal reporter cell line for bioactivity evaluation of engineered cytokine products. *Scientific reports*, 10(1), 3234.

Lau MT, et al. (2020) Systematic functional identification of cancer multi-drug resistance genes. *Genome biology*, 21(1), 27.