

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pLenti CMVie-IRES-BlastR

RRID:Addgene_119863

Type: Plasmid

Proper Citation

RRID:Addgene_119863

Plasmid Information

URL: <http://www.addgene.org/119863>

Proper Citation: RRID:Addgene_119863

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31594807](#)

Vector Backbone Description: Backbone Size:7298; Vector Backbone:pCIG3; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please note that though there are some discrepancies between the backbone sequence from the depositing lab and Addgene's quality control sequence, this plasmid should function as described.

Plasmid Name: pLenti CMVie-IRES-BlastR

Record Creation Time: 20220422T221626+0000

Record Last Update: 20260808T080557+0000

Ratings and Alerts

No rating or validation information has been found for pLenti CMVie-IRES-BlastR.

No alerts have been found for pLenti CMVie-IRES-BlastR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Sun S, et al. (2025) KSHV reprograms host RNA splicing via FAM50A to activate STAT3 and drive oncogenic cellular transformation. *mBio*, 16(7), e0129325.

Sun S, et al. (2025) KSHV Reprograms Host RNA Splicing via FAM50A to Activate STAT3 and Drive Oncogenic Cellular Transformation. *bioRxiv* : the preprint server for biology.

Chen R, et al. (2025) Lysosomal TMEM165 controls cellular ion homeostasis and survival by mediating lysosomal Ca²⁺ import and H⁺ efflux. *Nature communications*, 16(1), 5209.

Hornsteiner F, et al. (2024) Tumor-targeted therapy with BRAF-inhibitor recruits activated dendritic cells to promote tumor immunity in melanoma. *Journal for immunotherapy of cancer*, 12(4).

Krismer L, et al. (2024) Study of key residues in MERS-CoV and SARS-CoV-2 main proteases for resistance against clinically applied inhibitors nirmatrelvir and ensitrelvir. *Npj viruses*, 2(1), 23.

van Schie JJM, et al. (2023) CRISPR screens in sister chromatid cohesion defective cells reveal PAXIP1-PAGR1 as regulator of chromatin association of cohesin. *Nucleic acids research*, 51(18), 9594.

Streitfeld WS, et al. (2023) PCBP1 regulates LIFR through FAM3C to maintain breast cancer stem cell self-renewal and invasiveness. *Cancer biology & therapy*, 24(1), 2271638.

Heilmann E, et al. (2023) SARS-CoV-2 3CLpro mutations selected in a VSV-based system confer resistance to nirmatrelvir, ensitrelvir, and GC376. *Science translational medicine*, 15(678), eabq7360.

Kaba M, et al. (2023) The lipid transfer proteins Nir2 and Nir3 sustain phosphoinositide signaling and actin dynamics during phagocytosis. *Journal of cell science*, 136(14).

Liu B, et al. (2023) Cationic amphiphilic antihistamines inhibit STAT3 via Ca²⁺-dependent lysosomal H⁺ efflux. *Cell reports*, 42(2), 112137.

Parker SS, et al. (2023) EVL and MIM/MTSS1 regulate actin cytoskeletal remodeling to promote dendritic filopodia in neurons. *The Journal of cell biology*, 222(5).

Glykofridis IE, et al. (2022) Phosphoproteomic Analysis of FLCN Inactivation Highlights Differential Kinase Pathways and Regulatory TFEB Phosphoserines. *Molecular & cellular proteomics* : MCP, 21(9), 100263.

Heilmann E, et al. (2022) A VSV-based assay quantifies coronavirus Mpro/3CLpro/NSp5 main protease activity and chemical inhibition. *Communications biology*, 5(1), 391.

Volland A, et al. (2021) Heparan sulfate proteoglycans serve as alternative receptors for low affinity LCMV variants. *PLoS pathogens*, 17(10), e1009996.

Glykofridis IE, et al. (2021) Loss of FLCN-FNIP1/2 induces a non-canonical interferon response in human renal tubular epithelial cells. *eLife*, 10.

Watson AW, et al. (2021) Breast tumor stiffness instructs bone metastasis via maintenance of mechanical conditioning. *Cell reports*, 35(13), 109293.

Andreeva L, et al. (2021) NLRP3 cages revealed by full-length mouse NLRP3 structure control pathway activation. *Cell*, 184(26), 6299.

Riepler L, et al. (2020) Comparison of Four SARS-CoV-2 Neutralization Assays. *Vaccines*, 9(1).

van Schie JJM, et al. (2020) Warsaw Breakage Syndrome associated DDX11 helicase resolves G-quadruplex structures to support sister chromatid cohesion. *Nature communications*, 11(1), 4287.