Resource Summary Report

Generated by NIF on Jul 30, 2026

pLM-CMV-R-Cre

RRID:Addgene_27546
Type: Plasmid

Proper Citation

RRID:Addgene_27546

Plasmid Information

URL: http://www.addgene.org/27546

Proper Citation: RRID:Addgene_27546

Insert Name: mCherry_P2A_Cre recombinase

Bacterial Resistance: Ampicillin

Defining Citation: PMID:21151124

Vector Backbone Description: Backbone Size:6711; Vector Backbone:pLM (Sadelain lab); Vector Types:Lentiviral, Cre/Lox; Bacterial Resistance:Ampicillin

Plasmid Name: pLM-CMV-R-Cre

Record Creation Time: 20220422T222124+0000

Record Last Update: 20260725T074519+0000

Ratings and Alerts

No rating or validation information has been found for pLM-CMV-R-Cre.

No alerts have been found for pLM-CMV-R-Cre.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Fernandez MM, et al. (2024) Engineering Oncogenic Hotspot Mutations on SF3B1 via CRISPR-Directed PRECIS Mutagenesis. Cancer research communications, 4(9), 2498.

Fernandez Garcia E, et al. (2023) The mitochondrial Ca2+ channel MCU is critical for tumor growth by supporting cell cycle progression and proliferation. Frontiers in cell and developmental biology, 11, 1082213.

McGoldrick P, et al. (2023) Loss of C9orf72 perturbs the Ran-GTPase gradient and nucleocytoplasmic transport, generating compositionally diverse Importin ?-1 granules. Cell reports, 42(3), 112134.

González-Martínez R, et al. (2022) CBP and p300 Jointly Maintain Neural Progenitor Viability but Play Unique Roles in the Differentiation of Neural Lineages. Cells, 11(24).

Kerdidani D, et al. (2022) Lung tumor MHCII immunity depends on in situ antigen presentation by fibroblasts. The Journal of experimental medicine, 219(2).

Adnani L, et al. (2022) Angiocrine extracellular vesicles impose mesenchymal reprogramming upon proneural glioma stem cells. Nature communications, 13(1), 5494.

Carola G, et al. (2021) Parkinson's disease patient-specific neuronal networks carrying the LRRK2 G2019S mutation unveil early functional alterations that predate neurodegeneration. NPJ Parkinson's disease, 7(1), 55.

Komuro H, et al. (2021) Engineering Extracellular Vesicles to Target Pancreatic Tissue In Vivo. Nanotheranostics, 5(4), 378.

Sapozhnikov DM, et al. (2021) Unraveling the functional role of DNA demethylation at specific promoters by targeted steric blockage of DNA methyltransferase with CRISPR/dCas9. Nature communications, 12(1), 5711.

Wang Z, et al. (2020) Retrieval-Driven Hippocampal NPTX2 Plasticity Facilitates the Extinction of Cocaine-Associated Context Memory. Biological psychiatry, 87(11), 979.

An JJ, et al. (2020) TrkB-expressing paraventricular hypothalamic neurons suppress appetite through multiple neurocircuits. Nature communications, 11(1), 1729.

Lipinski M, et al. (2020) KAT3-dependent acetylation of cell type-specific genes maintains neuronal identity in the adult mouse brain. Nature communications, 11(1), 2588.

Weiler J, et al. (2019) Minocycline impairs TNF-?-induced cell fusion of M13SV1-Cre cells with MDA-MB-435-pFDR1 cells by suppressing NF-?B transcriptional activity and its induction of target-gene expression of fusion-relevant factors. Cell communication and signaling : CCS, 17(1), 71.

Calatayud C, et al. (2019) CRISPR/Cas9-mediated generation of a tyrosine hydroxylase reporter iPSC line for live imaging and isolation of dopaminergic neurons. Scientific reports, 9(1), 6811.

Best B, et al. (2018) VEGF/PKD-1 signaling mediates arteriogenic gene expression and angiogenic responses in reversible human microvascular endothelial cells with extended lifespan. Molecular and cellular biochemistry, 446(1-2), 199.

Weiler J, et al. (2018) Matrix metalloproteinase-9 (MMP9) is involved in the TNF-?-induced fusion of human M13SV1-Cre breast epithelial cells and human MDA-MB-435-pFDR1 cancer cells. Cell communication and signaling : CCS, 16(1), 14.

López-Benito S, et al. (2018) Regulation of BDNF Release by ARMS/Kidins220 through Modulation of Synaptotagmin-IV Levels. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(23), 5415.

Gödecke N, et al. (2017) Controlled re-activation of epigenetically silenced Tet promoter-driven transgene expression by targeted demethylation. Nucleic acids research, 45(16), e147.

Krishnan V, et al. (2017) Autism gene Ube3a and seizures impair sociability by repressing VTA Cbln1. Nature, 543(7646), 507.

Ho ATV, et al. (2017) Prostaglandin E2 is essential for efficacious skeletal muscle stem-cell function, augmenting regeneration and strength. Proceedings of the National Academy of Sciences of the United States of America, 114(26), 6675.