

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 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: 20260808T081505+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 [nidm-terms](#) .

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 β -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.

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.

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

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- α -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.

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.

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.