

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

[pLV-mCherry](#)

RRID:Addgene_36084

Type: Plasmid

Proper Citation

RRID:Addgene_36084

Plasmid Information

URL: <http://www.addgene.org/36084>

Proper Citation: RRID:Addgene_36084

Insert Name: mCherry

Organism: Synthetic

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:6782; Vector Backbone:pLenti-MP2; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: The backbone is described the Naldini group in Dull et al., 1998 (JVI) and was modified by Anthony Oliva and Jia Pingping at the Miami project.

Plasmid Name: pLV-mCherry

Record Creation Time: 20220422T222153+0000

Record Last Update: 20260815T081405+0000

Ratings and Alerts

No rating or validation information has been found for pLV-mCherry.

No alerts have been found for pLV-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 91 mentions in open access literature.

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

Guldner IH, et al. (2026) Ageing promotes microglial accumulation of slow-degrading synaptic proteins. *Nature*, 650(8103), 930.

Ristori T, et al. (2026) Bmp9 regulates Notch signaling and the temporal dynamics of angiogenesis via Lunatic Fringe. *Developmental cell*, 61(4), 837.

Heymann CJF, et al. (2026) Integrated in vitro and multi-cohort cross-omics analysis of HTLV-1-associated lung pathology reveals a RelA-dependent mechanism for monocyte recruitment and differentiation. *Molecular medicine (Cambridge, Mass.)*, 32(1).

Müller M, et al. (2025) Ena/VASP-EVH1 inhibition prevents chemotaxis and metastasis by blocking the EVH1-WAVE2 interaction. *Proceedings of the National Academy of Sciences of the United States of America*, 122(26), e2423512122.

Gandu SR, et al. (2025) Cypin regulates K63-linked polyubiquitination to shape synaptic content. *Science advances*, 11(28), eads5467.

Mei W, et al. (2025) A commonly inherited human PCSK9 germline variant drives breast cancer metastasis via LRP1 receptor. *Cell*, 188(2), 371.

Kesharwani A, et al. (2025) Modeling vascular dynamics at the initial stage of endochondral ossification on a microfluidic chip using a human embryonic-stem-cell-derived organoid. *Regenerative therapy*, 28, 90.

Ibargüen-González L, et al. (2025) Host factor PLAC8 is required for pancreas infection by SARS-CoV-2. *Communications medicine*, 5(1), 34.

Buizza C, et al. (2025) Pericytes change function depending on glioblastoma vicinity: emphasis on immune regulation. *Molecular oncology*, 19(9), 2491.

Schrenk S, et al. (2025) Semaphorin 3A and 3F Promote Lumen Expansion in TIE2-Mutated Venous Malformation. *Arteriosclerosis, thrombosis, and vascular biology*, 45(12), 2243.

Palmer JE, et al. (2025) Coordination of autophagosome closure and release by the Alzheimer's disease-associated protein BIN1. *Cell reports*, 44(9), 116266.

Reinecke JB, et al. (2025) Metastasis-Initiating Osteosarcoma Subpopulations Establish Paracrine Interactions with Lung and Tumor Cells to Create a Metastatic Niche. *Cancer research*, 85(22), 4341.

Gong L, et al. (2025) Cancer immunology data engine reveals secreted AOA as a potential immunotherapy. *Cell*, 188(18), 5062.

Raimi A, et al. (2025) Evaluation of the Virulence and Plant Growth-Promoting Potential of Endophytic Bacteria for Improving Vegetable Production. *Current microbiology*, 82(8), 374.

Nater M, et al. (2025) Hepatic iNKT cells facilitate colorectal cancer metastasis by inducing a fibrotic niche in the liver. *iScience*, 28(5), 112364.

Soetomo SA, et al. (2025) Differential PARP inhibitor responses in BRCA1-deficient and resistant cells in competitive co-culture. *PloS one*, 20(9), e0332860.

Piombo S, et al. (2025) Development of a novel single channel arteriole microphysiological system for characterizing leukocyte-endothelial interactions. *Journal of clinical and translational science*, 9(1), e181.

Neo SY, et al. (2024) Natural killer cells drive 4-1BBL positive uveal melanoma towards EMT and metastatic disease. *Journal of experimental & clinical cancer research : CR*, 43(1), 13.

Wang S, et al. (2024) PTEN-restoration abrogates brain colonisation and perivascular niche invasion by melanoma cells. *British journal of cancer*, 130(4), 555.

Ambro?ek-Latecka M, et al. (2024) SARS-CoV-2 and its ORF3a, E and M viroporins activate inflammasome in human macrophages and induce of IL-1? in pulmonary epithelial and endothelial cells. *Cell death discovery*, 10(1), 191.