

Resource Summary Report

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

mCherry-P4M-SidM

RRID:Addgene_51471

Type: Plasmid

Proper Citation

RRID:Addgene_51471

Plasmid Information

URL: <http://www.addgene.org/51471>

Proper Citation: RRID:Addgene_51471

Insert Name: P4M-SidM(546-647)

Organism: Legionella pneumophila

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24711504](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pmCherry-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: mCherry-P4M-SidM

Record Creation Time: 20220422T222303+0000

Record Last Update: 20260815T081617+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-P4M-SidM.

No alerts have been found for mCherry-P4M-SidM.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Hsieh CW, et al. (2026) Graded activation of the CLEAR network through mTORC1 suppression on cargo-harboring lysosomes. *Cell reports*, 45(4), 117228.

Waldmann AK, et al. (2025) Proximity labelling reveals VPS13C as a regulator of Salmonella-containing vacuole fission. *PLoS pathogens*, 21(9), e1013507.

Siegfried H, et al. (2024) The ER tether VAPA is required for proper cell motility and anchors ER-PM contact sites to focal adhesions. *eLife*, 13.

Yao Y, et al. (2024) Optogenetic Strategies for Optimizing the Performance of Phospholipids Biosensors. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 11(36), e2403026.

Williams DM, et al. (2024) S-acylation of NLRP3 provides a nigericin sensitive gating mechanism that controls access to the Golgi. *eLife*, 13.

Casler JC, et al. (2024) Mitochondria-ER-PM contacts regulate mitochondrial division and PI(4)P distribution. *The Journal of cell biology*, 223(9).

Ajiki M, et al. (2024) ORP9-PH domain-based fluorescent reporters for visualizing phosphatidylinositol 4-phosphate dynamics in living cells. *RSC chemical biology*, 5(6), 544.

Radulovic M, et al. (2022) Cholesterol transfer via endoplasmic reticulum contacts mediates lysosome damage repair. *The EMBO journal*, 41(24), e112677.

Liang D, et al. (2019) A real-time, click chemistry imaging approach reveals stimulus-specific subcellular locations of phospholipase D activity. *Proceedings of the National Academy of Sciences of the United States of America*, 116(31), 15453.