

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

[pMito-mCherry-FRB](#)

RRID:Addgene_59352

Type: Plasmid

Proper Citation

RRID:Addgene_59352

Plasmid Information

URL: <http://www.addgene.org/59352>

Proper Citation: RRID:Addgene_59352

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:23532825](#)

Vector Backbone Description: Backbone Size:5132; Vector Backbone:pMito; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pMito-mCherry-FRB

Record Creation Time: 20220422T222342+0000

Record Last Update: 20260815T081722+0000

Ratings and Alerts

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

No alerts have been found for pMito-mCherry-FRB.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Downie L, et al. (2025) Nondisruptive inducible labeling of ER-membrane contact sites using the Lamin B receptor. *PLoS biology*, 23(7), e3003249.

Sanzà P, et al. (2025) VPS41 recruits biosynthetic LAMP-positive vesicles through interaction with Arl8b. *The Journal of cell biology*, 224(4).

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

Hernandez-Gonzalez M, et al. (2024) Palisade structure in intact vaccinia virions. *mBio*, 15(2), e0313423.

Kumar R, et al. (2024) DENND6A links Arl8b to a Rab34/RILP/dynein complex, regulating lysosomal positioning and autophagy. *Nature communications*, 15(1), 919.

Kumar R, et al. (2022) A cell-based GEF assay reveals new substrates for DENN domains and a role for DENND2B in primary ciliogenesis. *Science advances*, 8(8), eabk3088.

Ferrandiz N, et al. (2022) Endomembranes promote chromosome missegregation by ensheathing misaligned chromosomes. *The Journal of cell biology*, 221(6).

Huguet F, et al. (2022) Repo-Man/protein phosphatase 1 SUMOylation mediates binding to lamin A and serine 22 dephosphorylation. *Open biology*, 12(4), 220017.

Küey C, et al. (2022) Recruitment of clathrin to intracellular membranes is sufficient for vesicle formation. *eLife*, 11.

Enshoji M, et al. (2022) Eps15/Pan1p is a master regulator of the late stages of the endocytic pathway. *The Journal of cell biology*, 221(10).

Gemperle J, et al. (2022) On demand expression control of endogenous genes with DExCon, DExogron and LUXon reveals differential dynamics of Rab11 family members. *eLife*, 11.

Larocque G, et al. (2020) Tumor protein D54 defines a new class of intracellular transport vesicles. *The Journal of cell biology*, 219(1).

Miyamoto T, et al. (2020) Insufficiency of ciliary cholesterol in hereditary Zellweger syndrome. *The EMBO journal*, 39(12), e103499.