

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 12, 2026

[mCherry](#)

RRID:Addgene_176016

Type: Plasmid

Proper Citation

RRID:Addgene_176016

Plasmid Information

URL: <http://www.addgene.org/176016>

Proper Citation: RRID:Addgene_176016

Insert Name: mCherry

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34633413](#)

Vector Backbone Description: Vector Backbone:pCSDest2 (Addgene 22424); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: mCherry

Record Creation Time: 20220422T222016+0000

Record Last Update: 20260808T081301+0000

Ratings and Alerts

No rating or validation information has been found for mCherry.

No alerts have been found for mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Zheng YH, et al. (2026) A pH-driven receptor switch from ACE2 to NPC1 enables endosomal entry of SARS-CoV-2. Research square.

Guo X, et al. (2025) A phosphoinositide switch from PI(4,5)P₂ to PI4P triggers endocytosis by inducing dynamin-mediated fission in secretory cells. Science advances, 11(42), eady8065.

Goldman C, et al. (2025) Genetically encoded and modular subcellular organelle probes reveal dysfunction in lysosomes and mitochondria driven by PRKN knockout. iScience, 28(7), 112816.

Mann N, et al. (2025) Identification of actin mutants with neurodegenerative disease-like phenotypes via mutagenesis of the actin-ATP interface. Frontiers in cellular neuroscience, 19, 1543199.

Choi GE, et al. (2025) Restoration of Miro1's N-terminal GTPase function alleviates prenatal stress-induced mitochondrial fission via Drp1 modulation. Cell communication and signaling : CCS, 23(1), 166.