

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

mRuby-Mito-7

RRID:Addgene_55874

Type: Plasmid

Proper Citation

RRID:Addgene_55874

Plasmid Information

URL: <http://www.addgene.org/55874>

Proper Citation: RRID:Addgene_55874

Insert Name: Mito

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mRuby; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 558; Emission = 605

Plasmid Name: mRuby-Mito-7

Record Creation Time: 20220422T222326+0000

Record Last Update: 20260829T080724+0000

Ratings and Alerts

No rating or validation information has been found for mRuby-Mito-7.

No alerts have been found for mRuby-Mito-7.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Lee S, et al. (2024) Amphipathic helices sense the inner nuclear membrane environment through lipid packing defects. bioRxiv : the preprint server for biology.

Calvo-Rodriguez M, et al. (2024) Real-time imaging of mitochondrial redox reveals increased mitochondrial oxidative stress associated with amyloid β aggregates in vivo in a mouse model of Alzheimer's disease. Molecular neurodegeneration, 19(1), 6.

Guo X, et al. (2020) Mitochondrial stress is relayed to the cytosol by an OMA1-DELE1-HRI pathway. Nature, 579(7799), 427.

Martínez-Montemayor MM, et al. (2019) Identification of Biologically Active Ganoderma lucidum Compounds and Synthesis of Improved Derivatives That Confer Anti-cancer Activities in vitro. Frontiers in pharmacology, 10, 115.