

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

pcDNA4TO-mito-mCherry-24xGCN4_v1

RRID:Addgene_60913

Type: Plasmid

Proper Citation

RRID:Addgene_60913

Plasmid Information

URL: <http://www.addgene.org/60913>

Proper Citation: RRID:Addgene_60913

Insert Name: mito-mCherry

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25307933](#)

Vector Backbone Description: Vector Backbone:pcDNA4TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: For more information, visit <https://valelab4.ucsf.edu/external/research/suntag.html>

Plasmid Name: pcDNA4TO-mito-mCherry-24xGCN4_v1

Record Creation Time: 20220422T222350+0000

Record Last Update: 20260815T081737+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA4TO-mito-mCherry-24xGCN4_v1.

No alerts have been found for pcDNA4TO-mito-mCherry-24xGCN4_v1.

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 [dkNET](#) .

Leon-Diaz F, et al. (2025) Translation of unspliced retroviral genomic RNA in the host cell is regulated in both space and time. The Journal of cell biology, 224(4).

Tarasovetc EV, et al. (2024) Binding Site Maturation Modulated by Molecular Density Underlies Ndc80 Binding to Kinetochore Receptor CENP-T. bioRxiv : the preprint server for biology.

Yu D, et al. (2019) Optogenetic activation of intracellular antibodies for direct modulation of endogenous proteins. Nature methods, 16(11), 1095.

Valon L, et al. (2017) Optogenetic control of cellular forces and mechanotransduction. Nature communications, 8, 14396.