

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

pcDNA4TO-mito-mCherry-10xGCN4_v4

RRID:Addgene_60914

Type: Plasmid

Proper Citation

RRID:Addgene_60914

Plasmid Information

URL: <http://www.addgene.org/60914>

Proper Citation: RRID:Addgene_60914

Insert Name: mito-mCherry

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25307933](#)

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

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

Plasmid Name: pcDNA4TO-mito-mCherry-10xGCN4_v4

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-10xGCN4_v4.

No alerts have been found for pcDNA4TO-mito-mCherry-10xGCN4_v4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Minami Y, et al. (2023) Liver lipophagy ameliorates nonalcoholic steatohepatitis through extracellular lipid secretion. *Nature communications*, 14(1), 4084.

Lores S, et al. (2023) Effectiveness of a novel gene nanotherapy based on putrescine for cancer treatment. *Biomaterials science*.

Guo Y, et al. (2022) Long-term imaging of individual mRNA molecules in living cells. *Cell reports methods*, 2(6), 100226.

Xu J, et al. (2022) Protein visualization and manipulation in *Drosophila* through the use of epitope tags recognized by nanobodies. *eLife*, 11.

Cascallar M, et al. (2022) Zebrafish as a platform to evaluate the potential of lipidic nanoemulsions for gene therapy in cancer. *Frontiers in pharmacology*, 13, 1007018.

Hoshino A, et al. (2019) The ADP/ATP translocase drives mitophagy independent of nucleotide exchange. *Nature*, 575(7782), 375.

Vigano MA, et al. (2018) DARPins recognizing mTFP1 as novel reagents for in vitro and in vivo protein manipulations. *Biology open*, 7(11).