Resource Summary Report

Generated by dkNET on Aug 20, 2026

pMitoLOC

RRID:Addgene_58980
Type: Plasmid

Proper Citation

RRID:Addgene_58980

Plasmid Information

URL: http://www.addgene.org/58980

Proper Citation: RRID:Addgene_58980

Insert Name: mCherry

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:26184437

Vector Backbone Description: Backbone Size:4872; Vector Backbone:pUG35; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pMitoLOC

Record Creation Time: 20220422T222340+0000

Record Last Update: 20260815T081720+0000

Ratings and Alerts

No rating or validation information has been found for pMitoLOC.

No alerts have been found for pMitoLOC.

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 dkNET .

Wong W, et al. (2025) Oxygen-binding proteins aid oxygen diffusion to enhance fitness of a yeast model of multicellularity. PLoS biology, 23(1), e3002975.

Wong W, et al. (2023) Examining the role of oxygen-binding proteins on the early evolution of multicellularity. bioRxiv : the preprint server for biology.

Bozdag GO, et al. (2021) Oxygen suppression of macroscopic multicellularity. Nature communications, 12(1), 2838.

Mormino M, et al. (2021) Development of an Haa1-based biosensor for acetic acid sensing in Saccharomyces cerevisiae. FEMS yeast research, 21(6).

Campbell K, et al. (2016) Cell-to-cell heterogeneity emerges as consequence of metabolic cooperation in a synthetic yeast community. Biotechnology journal, 11(9), 1169.