

Resource Summary Report

Generated by [kravitz2](#) on Jul 28, 2026

mito-gTEMP_pcDNA3

RRID:Addgene_109117

Type: Plasmid

Proper Citation

RRID:Addgene_109117

Plasmid Information

URL: <http://www.addgene.org/109117>

Proper Citation: RRID:Addgene_109117

Insert Name: mito-gTEMP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28212432](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: mito-gTEMP_pcDNA3

Record Creation Time: 20220422T221529+0000

Record Last Update: 20260725T073447+0000

Ratings and Alerts

No rating or validation information has been found for mito-gTEMP_pcDNA3.

No alerts have been found for mito-gTEMP_pcDNA3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Sharma AK, et al. (2026) DGAT-driven futile lipid cycling has a pronounced, yet concealed, thermogenic function. Cell metabolism.

Terzioglu M, et al. (2023) Mitochondrial temperature homeostasis resists external metabolic stresses. eLife, 12.