

Resource Summary Report

Generated by [kravitz2](#) on Aug 27, 2026

pCaSpeR4 mito roGFP2-Grx1

RRID:Addgene_65000

Type: Plasmid

Proper Citation

RRID:Addgene_65000

Plasmid Information

URL: <http://www.addgene.org/65000>

Proper Citation: RRID:Addgene_65000

Insert Name: Glutaredoxin-1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22100409](#)

Vector Backbone Description: Vector Backbone:pCaSpeR4; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Comments: Sequence discrepancies found during QC should not affect function

Plasmid Name: pCaSpeR4 mito roGFP2-Grx1

Relevant Mutation: mitochondrial targeting sequence

Record Creation Time: 20220422T222411+0000

Record Last Update: 20260815T081815+0000

Ratings and Alerts

No rating or validation information has been found for pCaSpeR4 mito roGFP2-Grx1.

No alerts have been found for pCaSpeR4 mito roGFP2-Grx1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ebersoll S, et al. (2020) A tryparedoxin-coupled biosensor reveals a mitochondrial trypanothione metabolism in trypanosomes. eLife, 9.