

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pMOS003: GCaMP_{er} calcium sensor (endoplasmic reticulum)

RRID:Addgene_163047

Type: Plasmid

Proper Citation

RRID:Addgene_163047

Plasmid Information

URL: <http://www.addgene.org/163047>

Proper Citation: RRID:Addgene_163047

Insert Name: GCaMP_{er}

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32753572](#)

Vector Backbone Description: Backbone Size:9377; Vector Backbone:FUGW; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please see PMID: 26451944 for original reporter gene characterization.

Plasmid Name: pMOS003: GCaMP_{er} calcium sensor (endoplasmic reticulum)

Record Creation Time: 20220422T221922+0000

Record Last Update: 20260725T074141+0000

Ratings and Alerts

No rating or validation information has been found for pMOS003: GCaMP_{er} calcium sensor (endoplasmic reticulum).

No alerts have been found for pMOS003: GCaMP_{er} calcium sensor (endoplasmic reticulum).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.