

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

pcDNA3-ER-GCaMP3

RRID:Addgene_64854

Type: Plasmid

Proper Citation

RRID:Addgene_64854

Plasmid Information

URL: <http://www.addgene.org/64854>

Proper Citation: RRID:Addgene_64854

Insert Name: CYP450-GCaMP3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25056880](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446;
Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial
Resistance:Ampicillin

Plasmid Name: pcDNA3-ER-GCaMP3

Record Creation Time: 20220422T222410+0000

Record Last Update: 20260912T093018+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-ER-GCaMP3.

No alerts have been found for pcDNA3-ER-GCaMP3.

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 [NIF](#) .

Smith JJ, et al. (2025) A genetically encoded fluorescent biosensor for visualization of acetyl-CoA in live cells. Cell chemical biology, 32(2), 325.

Konno T, et al. (2024) Endoplasmic reticulum morphology regulation by RTN4 modulates neuronal regeneration by curbing luminal transport. Cell reports, 43(7), 114357.