

Resource Summary Report

Generated by [RRID](#) on Aug 19, 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: 20260815T081813+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 [RRID](#) .

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.