

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pRSET-GCaMP6f

RRID:Addgene_67564

Type: Plasmid

Proper Citation

RRID:Addgene_67564

Plasmid Information

URL: <http://www.addgene.org/67564>

Proper Citation: RRID:Addgene_67564

Insert Name: GCaMP6f

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26167640](#)

Vector Backbone Description: Backbone Marker:invitrogen; Backbone Size:2897; Vector Backbone:pRSET-B; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pRSET-GCaMP6f

Record Creation Time: 20220422T222422+0000

Record Last Update: 20260725T075028+0000

Ratings and Alerts

No rating or validation information has been found for pRSET-GCaMP6f.

No alerts have been found for pRSET-GCaMP6f.

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](#) .

Kong L, et al. (2024) Trimethylamine N-oxide impairs β -cell function and glucose tolerance. Nature communications, 15(1), 2526.

Jiang Q, et al. (2024) Galectin-3 impairs calcium transients and β -cell function. Nature communications, 15(1), 3682.