

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

pRSET a sfGCaMP6s-T78H

RRID:Addgene_100023

Type: Plasmid

Proper Citation

RRID:Addgene_100023

Plasmid Information

URL: <http://www.addgene.org/100023>

Proper Citation: RRID:Addgene_100023

Insert Name: sfGCaMP6s-T78H

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28874729](#)

Vector Backbone Description: Backbone Marker:Thermo Fisher Scientific; Backbone Size:2973; Vector Backbone:pRSET A; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pRSET a sfGCaMP6s-T78H

Relevant Mutation: cpEGFP replaced with superfolder cpGFP and T78H mutation reintroduced

Record Creation Time: 20220422T221446+0000

Record Last Update: 20260912T091334+0000

Ratings and Alerts

No rating or validation information has been found for pRSET a sfGCaMP6s-T78H.

No alerts have been found for pRSET a sfGCaMP6s-T78H.

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 [NIF](#) .

Jones EM, et al. (2024) LanTERN: A Fluorescent Sensor That Specifically Responds to Lanthanides. ACS synthetic biology, 13(3), 958.