

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pGP-CMV-jGCaMP8f L27A

RRID:Addgene_204140

Type: Plasmid

Proper Citation

RRID:Addgene_204140

Plasmid Information

URL: <http://www.addgene.org/204140>

Proper Citation: RRID:Addgene_204140

Insert Name: jGCaMP8f L27A

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:37275778](#)

Vector Backbone Description: Backbone Marker:ThermoFisher Invitrogen; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: pGP-CMV-jGCaMP8f was a gift from GENIE Project (Addgene plasmid # 162373 ; <http://n2t.net/addgene:162373> ; RRID:Addgene_162373) We introduced the L27A mutation by site-directed mutagenesis

Plasmid Name: pGP-CMV-jGCaMP8f L27A

Relevant Mutation: Leucine 27 changed to Alanine

Record Creation Time: 20231210T080502+0000

Record Last Update: 20260815T082824+0000

Ratings and Alerts

No rating or validation information has been found for pGP-CMV-jGCaMP8f L27A.

No alerts have been found for pGP-CMV-jGCaMP8f L27A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.