

# Resource Summary Report

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

## pGP-CMV-jGCaMP8f F366H

RRID:Addgene\_204141

Type: Plasmid

### Proper Citation

RRID:Addgene\_204141

### Plasmid Information

**URL:** <http://www.addgene.org/204141>

**Proper Citation:** RRID:Addgene\_204141

**Insert Name:** jGCaMP8f F366H

**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 F366H mutation by site-directed mutagenesis

**Plasmid Name:** pGP-CMV-jGCaMP8f F366H

**Relevant Mutation:** Phenylalanine 366 changed to histidine

**Record Creation Time:** 20231210T080502+0000

**Record Last Update:** 20260725T075930+0000

### Ratings and Alerts

No rating or validation information has been found for pGP-CMV-jGCaMP8f F366H.

No alerts have been found for pGP-CMV-jGCaMP8f F366H.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.