

Resource Summary Report

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

pEM1 = flp-21::LoxPStopLoxP::npr-1 SL2 GFP

RRID:Addgene_24033

Type: Plasmid

Proper Citation

RRID:Addgene_24033

Plasmid Information

URL: <http://www.addgene.org/24033>

Proper Citation: RRID:Addgene_24033

Insert Name: Npr1

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19349961](#)

Vector Backbone Description: Backbone Size:10000; Vector Backbone:flp21::loxPStopLoxP; Vector Types:Worm Expression, Cre/Lox; Bacterial Resistance:Ampicillin

Plasmid Name: pEM1 = flp-21::LoxPStopLoxP::npr-1 SL2 GFP

Record Creation Time: 20220422T222107+0000

Record Last Update: 20260815T081227+0000

Ratings and Alerts

No rating or validation information has been found for pEM1 = flp-21::LoxPStopLoxP::npr-1 SL2 GFP.

No alerts have been found for pEM1 = flp-21::LoxPStopLoxP::npr-1 SL2 GFP.

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 [RRID](#) .

Koyanagi M, et al. (2022) High-performance optical control of GPCR signaling by bistable animal opsins MosOpn3 and LamPP in a molecular property-dependent manner. Proceedings of the National Academy of Sciences of the United States of America, 119(48), e2204341119.