

Resource Summary Report

Generated by [kravitz2](#) on Aug 9, 2026

pGLOW79

RRID:Addgene_177339

Type: Plasmid

Proper Citation

RRID:Addgene_177339

Plasmid Information

URL: <http://www.addgene.org/177339>

Proper Citation: RRID:Addgene_177339

Insert Name: Pmyo-3::mNeonGreen

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:37396790](#)

Vector Backbone Description: Backbone Size:2445; Vector Backbone:N/A; Vector Types:Worm Expression; Bacterial Resistance:Ampicillin

Comments: C. elegans codon-optimized mNeonGreen. Use as an array marker for CRISPR or as a general co-injection marker. Very bright mNG fluorescence in body wall muscle. Inject at 5 ng/uL. Made by George Huang (Glow Worms '20). pGLOW79 has 10 random mutations relative to the pCFJ104 backbone that do not affect plasmid function.

Plasmid Name: pGLOW79

Record Creation Time: 20220422T222023+0000

Record Last Update: 20260808T081312+0000

Ratings and Alerts

No rating or validation information has been found for pGLOW79.

No alerts have been found for pGLOW79.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.