

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

pGLOW39

RRID:Addgene_173068

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/173068>

Proper Citation: RRID:Addgene_173068

Insert Name: mScarlet-I-C1^SEC^3xMyc

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:37396790](#)

Vector Backbone Description: Backbone Size:2661; Vector Backbone:pUC19 (modified); Vector Types:Worm Expression, Cre/Lox, CRISPR; Bacterial Resistance:Ampicillin

Comments: C. elegans codon-optimized mScarlet. pGLOW39 is a derivative of published TagRFP-SEC vectors (Dickinson et al. Genetics 2015). It has a 3xMyc tag in place of 3xFlag and Lox2272 sites in place of LoxP. These features allow pGLOW39 to be used in a genetic background that has already been modified using a green FP-SEC vector, without conflicts between epitope tags and Lox sites. Made by George Huang (Glow Worms '20).

Plasmid Name: pGLOW39

Record Creation Time: 20220422T222003+0000

Record Last Update: 20260808T081237+0000

Ratings and Alerts

No rating or validation information has been found for pGLOW39.

No alerts have been found for pGLOW39.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.