

Resource Summary Report

Generated by SPARC SAWG on Sep 4, 2026

pGLOW63

RRID:Addgene_178877

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/178877>

Proper Citation: RRID:Addgene_178877

Insert Name: wrmScarlet11^SEC^3xMyc

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:3881; Vector Backbone:pUC19 (modified); Vector Types:Worm Expression, Cre/Lox, CRISPR; Bacterial Resistance:Ampicillin

Comments: The split-wrmScarlet system was developed and published by Goudeau et al. Genetics 2021. pGLOW63 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 pGLOW63 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. pGLOW63 must also be used in a genetic background that has wrmScarlet1-10. Made by Amelie Perez (Glow Worms '21).

Plasmid Name: pGLOW63

Relevant Mutation: Added ATG start codon to wrmScarlet11 sequence for N-terminal tags

Record Creation Time: 20220422T222030+0000

Record Last Update: 20260829T080110+0000

Ratings and Alerts

No rating or validation information has been found for pGLOW63.

No alerts have been found for pGLOW63.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.