

Resource Summary Report

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

pDD317 (Pmyo-2::GFP + SEC)

RRID:Addgene_73344

Type: Plasmid

Proper Citation

RRID:Addgene_73344

Plasmid Information

URL: <http://www.addgene.org/73344>

Proper Citation: RRID:Addgene_73344

Insert Name: Pmyo-2::GFP + SEC

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34903234](#)

Vector Backbone Description: Backbone Size:2600; Vector Backbone:pUC19 (modified); Vector Types:Worm Expression, Cre/Lox, CRISPR; Bacterial Resistance:Ampicillin

Comments: pDD317 is a derivative of our published vectors pDD282-285 (Dickinson et al. Genetics 2015) and is intended for making gene knockouts. It has a Pmyo-2::GFP expression cassette (bright pharyngeal fluorescence) in place of the simple fluorescent protein found in our other FP-SEC vectors. Pmyo-2::GFP + SEC is intended to be inserted in place of an entire ORF such that after insertion and SEC removal, the knockout is marked with Pmyo-2::GFP. The vector also has Lox511I sites in place of LoxP, allowing pDD315 to be used in a genetic background that has already been modified using a green or red FP-SEC vector, without conflicts between Lox sites.

Plasmid Name: pDD317 (Pmyo-2::GFP + SEC)

Record Creation Time: 20220422T222449+0000

Record Last Update: 20260815T081928+0000

Ratings and Alerts

No rating or validation information has been found for pDD317 (Pmyo-2::GFP + SEC).

No alerts have been found for pDD317 (Pmyo-2::GFP + SEC).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.