

Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

pCFJ421 - Pmyo-2::GFP::H2B (pharynx)

RRID:Addgene_34876

Type: Plasmid

Proper Citation

RRID:Addgene_34876

Plasmid Information

URL: <http://www.addgene.org/34876>

Proper Citation: RRID:Addgene_34876

Insert Name: Pmyo-2 GFP H2B tbb-2 UTR

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22290181](#)

Vector Backbone Description: Vector Backbone:pDESTR4-R3; Vector Types:Worm targeting; Bacterial Resistance:Ampicillin

Plasmid Name: pCFJ421 - Pmyo-2::GFP::H2B (pharynx)

Relevant Mutation: S65C

Record Creation Time: 20220422T222148+0000

Record Last Update: 20260815T081355+0000

Ratings and Alerts

No rating or validation information has been found for pCFJ421 - Pmyo-2::GFP::H2B (pharynx).

No alerts have been found for pCFJ421 - Pmyo-2::GFP::H2B (pharynx).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Zhao LW, et al. (2025) An RNA Splicing System that Excises Transposons from Animal mRNAs. bioRxiv : the preprint server for biology.

Moerdyk-Schauwecker MJ, et al. (2024) Expansion of the split hygromycin toolkit for transgene insertion in *Caenorhabditis elegans*. microPublication biology, 2024.

Kasimatis KR, et al. (2022) Post-insemination selection dominates pre-insemination selection in driving rapid evolution of male competitive ability. PLoS genetics, 18(2), e1010063.

Kasimatis KR, et al. (2018) Auxin-Mediated Sterility Induction System for Longevity and Mating Studies in *Caenorhabditis elegans*. G3 (Bethesda, Md.), 8(8), 2655.

Fernández-Cárdenas LP, et al. (2017) *Caenorhabditis elegans* ATPase inhibitor factor 1 (IF1) MAI-2 preserves the mitochondrial membrane potential ($\Delta\psi$) and is important to induce germ cell apoptosis. PLoS one, 12(8), e0181984.