

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

pDD282

RRID:Addgene_66823

Type: Plasmid

Proper Citation

RRID:Addgene_66823

Plasmid Information

URL: <http://www.addgene.org/66823>

Proper Citation: RRID:Addgene_66823

Insert Name: GFP-C1^SEC^3xFlag

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26044593](#)

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

Comments: IMPORTANT NOTE: The repeat regions in this plasmid make it susceptible to recombination. The depositing lab grows the plasmid at 30°C. You may also want to prep and digest multiple single colonies to verify that you have a clone that has not recombined. Sequence note: The full sequence is based on Addgene NGS of our stock. There may be some slight but innocuous inconsistencies with the depositor's GenBank files. One discrepancy affects the sequence of the 3' arm reverse primer (Table P1 and Figure P1) from the associated publication. The first g from the 3' end is missing:[tcacacaggaaacagctatgacctgttat] -> [tcacacaggaaacagctatgaccatttat]

Plasmid Name: pDD282

Record Creation Time: 20220422T222419+0000

Record Last Update: 20260905T075952+0000

Ratings and Alerts

No rating or validation information has been found for pDD282.

No alerts have been found for pDD282.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 51 mentions in open access literature.

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

Ahsan FM, et al. (2026) Reductive death is averted by a conserved de novo lipogenic switch. *Molecular cell*, 86(13), 2539.

Pereirinha J, et al. (2026) SLBP-independent control of maternal histone mRNA. *bioRxiv* : the preprint server for biology.

Zhao JM, et al. (2026) The ubiquitin-proteasome pathway mediates selective degradation of unloaded Argonaute proteins in *C. elegans*. *Genetics*, 232(3).

Noblett N, et al. (2025) Nuclear hormone receptor regulation of PAL-1/Caudal mediates ventral nerve cord assembly in *C. elegans*. *Developmental biology*, 528, 13.

Sorensen Turpin CG, et al. (2025) Securin regulates the spatiotemporal dynamics of separase. *The Journal of cell biology*, 224(2).

Schreier J, et al. (2025) A genetic framework for RNAi inheritance in *Caenorhabditis elegans*. *EMBO reports*, 26(16), 4072.

Wang X, et al. (2024) Tissue-specific profiling of age-dependent miRNAomic changes in *Caenorhabditis elegans*. *Nature communications*, 15(1), 955.

Mathies LD, et al. (2024) PBRM-1/PBAF-regulated genes in a multipotent progenitor in *Caenorhabditis elegans*. *G3 (Bethesda, Md.)*, 14(3).

Sandhu A, et al. (2024) The microtubule regulator EFA-6 forms spatially restricted cortical foci dependent on its intrinsically disordered region and interactions with tubulins. *bioRxiv* : the preprint server for biology.

Knop F, et al. (2024) *Caenorhabditis elegans* SEL-5/AAK1 regulates cell migration and cell outgrowth independently of its kinase activity. *eLife*, 13.

Guo A, et al. (2024) Differential roles of lysosomal cholesterol transporters in the development of *C. elegans* NMJs. *Life science alliance*, 7(10).

Tran MV, et al. (2024) MAP9/MAPH-9 supports axonemal microtubule doublets and modulates motor movement. *Developmental cell*, 59(2), 199.

Huayta J, et al. (2023) Endogenous DAF-16 spatiotemporal activity quantitatively predicts lifespan extension induced by dietary restriction. *Communications biology*, 6(1), 203.

Townley R, et al. (2023) The E3/E4 ubiquitin ligase UFD-2 suppresses normal and oncogenic signaling mediated by a Raf ortholog in *Caenorhabditis elegans*. *Science signaling*, 16(800), eabq4355.

Wang Z, et al. (2023) ACS-20/FATP4 mediates the anti-ageing effect of dietary restriction in *C. elegans*. *Nature communications*, 14(1), 7683.

Sun Y, et al. (2023) An intraflagellar transport dependent negative feedback regulates the MAPKKK DLK-1 to protect cilia from degeneration. *Proceedings of the National Academy of Sciences of the United States of America*, 120(39), e2302801120.

Zhang R, et al. (2023) Maternal aging increases offspring adult body size via transmission of donut-shaped mitochondria. *Cell research*, 33(11), 821.

Haruta N, et al. (2023) A germline-specific role for unconventional components of the γ -tubulin complex in *Caenorhabditis elegans*. *Journal of cell science*, 136(13).

Lewis M, et al. (2023) The γ -arrestin SUP-13/ARRD-15 promotes isoform turnover of actin-interacting protein 1 in *Caenorhabditis elegans* striated muscle. *PNAS nexus*, 2(10), pgad330.

Sepers JJ, et al. (2022) ERM-1 Phosphorylation and NRFL-1 Redundantly Control Lumen Formation in the *C. elegans* Intestine. *Frontiers in cell and developmental biology*, 10, 769862.