

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

coel::**RFP**

RRID:Addgene_8938

Type: Plasmid

Proper Citation

RRID:Addgene_8938

Plasmid Information

URL: <http://www.addgene.org/8938>

Proper Citation: RRID:Addgene_8938

Insert Name: unc-122 promoter

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10545240](#)

Vector Backbone Description: Backbone Size:4300; Vector Backbone:MC10-RFP; Vector Types:Worm Expression; Bacterial Resistance:Ampicillin

Comments: Marker for expression of RFP in coelomocytes. 4kb unc-122 promoter+ 4aa of 1st exon (8911-12903 of cosmid F11C3, start is at 12892) in SphI-BamHI sites of MC10-RFP (dsRed in Agel-NotI).

Plasmid Name: coel::**RFP**

Record Creation Time: 20220422T222608+0000

Record Last Update: 20260815T082156+0000

Ratings and Alerts

No rating or validation information has been found for coel::**RFP**.

No alerts have been found for coel::**RFP**.

Data and Source Information

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Cardona EA, et al. (2025) APOE4-induced patterned behavioral decline and neurodegeneration requires endogenous tau in a *C. elegans* model of Alzheimer's disease. *bioRxiv : the preprint server for biology*.

Lamberti ML, et al. (2024) Clock gene homologs *lin-42* and *kin-20* regulate circadian rhythms in *C. elegans*. *Scientific reports*, 14(1), 12936.

Turmel-Couture S, et al. (2024) Bidirectional transfer of a small membrane-impermeable molecule between the *Caenorhabditis elegans* intestine and germline. *The Journal of biological chemistry*, 300(12), 107963.

Bhar S, et al. (2024) An acyl-CoA thioesterase is essential for the biosynthesis of a key dauer pheromone in *C. elegans*. *Cell chemical biology*.

Chaubey AH, et al. (2023) The *Caenorhabditis elegans* innexin *INX-20* regulates nociceptive behavioral sensitivity. *Genetics*, 223(4).

Lange KI, et al. (2022) Interpreting ciliopathy-associated missense variants of uncertain significance (VUS) in *Caenorhabditis elegans*. *Human molecular genetics*, 31(10), 1574.

Ippolito D, et al. (2021) Ca^{2+} /CaM binding to CaMKI promotes IMA-3 importin binding and nuclear translocation in sensory neurons to control behavioral adaptation. *eLife*, 10.

Suo S, et al. (2019) Sexually Dimorphic Regulation of Behavioral States by Dopamine in *Caenorhabditis elegans*. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(24), 4668.

Dimitriadi M, et al. (2016) Decreased function of survival motor neuron protein impairs endocytic pathways. *Proceedings of the National Academy of Sciences of the United States of America*, 113(30), E4377.

Billing O, et al. (2011) Mitochondrial function is required for secretion of DAF-28/insulin in *C. elegans*. *PloS one*, 6(1), e14507.

Bratic I, et al. (2009) Mitochondrial DNA level, but not active replicase, is essential for *Caenorhabditis elegans* development. *Nucleic acids research*, 37(6), 1817.