Resource Summary Report

Generated by RRID on Aug 18, 2026

pCFJ90 - Pmyo-2::mCherry::unc-54utr

RRID:Addgene_19327
Type: Plasmid

Proper Citation

RRID:Addgene_19327

Plasmid Information

URL: http://www.addgene.org/19327

Proper Citation: RRID:Addgene_19327

Insert Name: Pmyo-2::mCherry

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: PMID:18953339

Vector Backbone Description: Backbone Size:2446; Vector Backbone:N/A; Vector Types:Worm Expression; Bacterial Resistance:Ampicillin

Comments: Use as co-injection marker. Red mCherry fluorescence in the pharynx. Do not use at high concentration (above 5 ng/ul) as it is toxic to animals.

Plasmid Name: pCFJ90 - Pmyo-2::mCherry::unc-54utr

Record Creation Time: 20220422T222045+0000

Record Last Update: 20260815T081144+0000

Ratings and Alerts

No rating or validation information has been found for pCFJ90 - Pmyo-2::mCherry::unc-54utr.

No alerts have been found for pCFJ90 - Pmyo-2::mCherry::unc-54utr.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 95 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

van Schendel R, et al. (2026) TONSL suppresses polymerase theta-dependent tandem duplications through chromatin-guided repair. Nature communications, 17(1).

Kimmich M, et al. (2026) Generation of a functional fluorescently-tagged PFN-3 profilin transgene in Caenorhabditis elegans. microPublication biology, 2026.

Boström AH, et al. (2026) Auxin-inducible degradation of UNC-116 in C. elegans inhibits bidirectional dense core vesicle transport and worm locomotion on different timescales. Journal of cell science, 139(6).

Post WB, et al. (2025) Notch activity is modulated by the aGPCR Latrophilin binding the DSL ligand in C. elegans. Nature communications, 16(1), 6461.

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

Garcia-Sanchez JA, et al. (2025) Evolutionary conserved regulation of TFEB stability by the E3 ubiquitin ligase WWP2 modulates response to stress in vivo. iScience, 28(2), 111838.

Jhaveri N, et al. (2025) Heat tolerance and genetic adaptations in Caenorhabditis briggsae: insights from comparative studies with Caenorhabditis elegans. Genetics, 230(2).

Gao Y, et al. (2025) A dataset of expression profile of certain microRNAs in Caenorhabditis elegans. Scientific data, 12(1), 1143.

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.

He Y, et al. (2025) The shutdown of food digestion due to endoplasmic reticulum homeostasis disruption acts as a protective mechanism in C. elegans. Nature communications, 16(1), 8417.

Kimmich MJ, et al. (2025) The Sole Essential Low Molecular Weight Tropomyosin Isoform of Caenorhabditis elegans Is Essential for Pharyngeal Muscle Function. Cytoskeleton (Hoboken, N.J.), 82(12), 815.

Park KH, et al. (2025) Optogenetic induction of TDP-43 aggregation impairs neuronal integrity and behavior in Caenorhabditis elegans. Translational neurodegeneration, 14(1), 20.

Liew SW, et al. (2025) A novel L-RNA aptamer to regulate the pUG fold RNA-induced gene expression in vivo. Nucleic acids research, 53(5).

Toraason E, et al. (2024) In vivo neuron-specific expression of C. elegans reprogramming factor orthologs does not alleviate age-related cognitive decline. microPublication biology, 2024.

Tamagawa K, et al. (2024) Evolutionary changes of noncoding elements associated with transition of sexual mode in Caenorhabditis nematodes. Science advances, 10(37), eadn9913.

Lyu H, et al. (2024) Functional distinction in oncogenic Ras variant activity in Caenorhabditis elegans. Disease models & mechanisms, 17(8).

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.

Kiontke K, et al. (2024) Tissue-specific RNA-seq defines genes governing male tail tip morphogenesis in C. elegans. bioRxiv : the preprint server for biology.

Fang J, et al. (2024) Endocytosis restricts dendrite branching via removing ectopically localized branching ligands. Nature communications, 15(1), 9651.

Xu W, et al. (2024) A lineage-resolved cartography of microRNA promoter activity in C. elegans empowers multidimensional developmental analysis. Nature communications, 15(1), 2783.