Resource Summary Report

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Caenorhabditis Genetics Center

RRID:SCR_007341
Type: Tool

Proper Citation

Caenorhabditis Genetics Center (RRID:SCR_007341)

Resource Information

URL: https://cgc.umn.edu

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Description: Center that acquires, maintains, and distributes genetic stocks and information about stocks of the small free-living nematode Caenorhabditis elegans for use by investigators initiating or continuing research on this genetic model organism. A searchable strain database, general information about C. elegans, and links to key Web sites of use to scientists, including WormBase, WormAtlas, and WormBook are available.

Abbreviations: CGC

Resource Type: biomaterial supply resource, cell repository, material resource, organism supplier

Keywords: non-human animal, caenorhabditis elegans, chromosome, database, model, mutant, nematode, nomenclature, model organism, protein, transgenic, web accessible database, genetic stock, germplasm, genotype, FASEB list

Funding: NIH OD010440

Resource Name: Caenorhabditis Genetics Center

Resource ID: SCR_007341

Alternate IDs: nif-0000-00240

Alternate URLs: https://orip.nih.gov/comparative-medicine/programs/invertebrate-models, http://www.cbs.umn.edu/research/resources/cgc

Old URLs: http://biosci.umn.edu/CGC/, http://www.cgc.cbs.umn.edu

Record Creation Time: 20220129T080241+0000

Record Last Update: 20260821T193814+0000

Ratings and Alerts

No rating or validation information has been found for Caenorhabditis Genetics Center.

No alerts have been found for Caenorhabditis Genetics Center.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3907 mentions in open access literature.

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

Zhao Q, et al. (2026) Cycloheximide-resistant ribosomes reveal adaptive translation dynamics in C. elegans. Genetics, 232(1).

Liontis T, et al. (2026) Mutual regulation of spermatogenesis-specific Argonaute proteins and Insulin/IGF-1 signaling in aging control. EMBO reports, 27(6), 1437.

Heath OC, et al. (2026) Novel tRNA Synthetase Inhibitors Increase Healthspan, Lifespan, and Autophagic Flux in C. elegans. Biomolecules, 16(1).

Wetzker C, et al. (2026) A fluorescence lifetime separation approach for FLIM live-cell imaging. Journal of microscopy, 301(1), 91.

Giaquinta R, et al. (2026) Synergistic Roles of FAHD-1 and PYC-1 in Mitochondrial Function, Behavior, and Longevity in C. elegans. Advanced biology, 10(1), e00410.

Poliezhaieva T, et al. (2026) Aging-associated decline of phosphatidylcholine synthesis is a malleable trigger of natural mitochondrial aging. Nature communications, 17(1).

Han F, et al. (2026) TAG-IN, a swappable strategy for endogenous gene tagging in Caenorhabditis elegans using cassette exchange. bioRxiv : the preprint server for biology.

Srinivasan J, et al. (2026) A sequence motif for DNA double-strand break and telomere healing during programmed DNA elimination. bioRxiv : the preprint server for biology.

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

Wang YH, et al. (2026) Dynamic RNA Polymerase compartments organize the transcription of gene clusters. bioRxiv : the preprint server for biology.

Kim JH, et al. (2026) Regulation of hlh-2 transcription during specification of the anchor cell of the C. elegans hermaphrodite gonad. G3 (Bethesda, Md.), 16(2).

Perhacs JM, et al. (2026) IGF-like growth factors that couple food sensing to developmental decisions employ different release mechanisms in a single pair of C.

elegans chemosensory neurons. bioRxiv : the preprint server for biology.

Lacour A, et al. (2026) Cytoplasmic TDP-43 leads to early behavioral impairments without neurodegeneration in a serotonergic neuron-specific C. elegans model. Scientific reports, 16(1), 6068.

Becker S, et al. (2026) The SynMuvA lin-15A licenses natural transdifferentiation by antagonizing identity safeguarding mechanisms. bioRxiv : the preprint server for biology.

Price IF, et al. (2026) LOTUS-domain proteins activate Vasa to drive germ granule assembly. bioRxiv : the preprint server for biology.

Reimann GR, et al. (2025) PIKI-1, a class II phosphatidylinositol 3-kinase, functions in endocytic trafficking. bioRxiv : the preprint server for biology.

Kaper D, et al. (2025) FORWARD GENETICS IN C. ELEGANS REVEALS GENETIC ADAPTATIONS TO POLYUNSATURATED FATTY ACID DEFICIENCY. bioRxiv : the preprint server for biology.

DiNardo AL, et al. (2025) WAGO-1 is a sexually dimorphic Argonaute protein required for proper germ granule structure and gametogenesis. bioRxiv : the preprint server for biology.

Rahman SS, et al. (2025) Methionine cycle in C. elegans serotonergic neurons regulates diet-dependent behaviour and longevity through neuron-gut signaling. Nature communications, 16(1), 5118.

Seira Curto J, et al. (2025) Exogenous prion-like proteins and their potential to trigger cognitive dysfunction. Molecular systems biology, 21(8), 1004.