

Resource Summary Report

Generated by T1D on Aug 9, 2026

WormBase

RRID:SCR_003098

Type: Tool

Proper Citation

WormBase (RRID:SCR_003098)

Resource Information

URL: <http://www.wormbase.org>

Proper Citation: WormBase (RRID:SCR_003098)

Description: Central data repository for nematode biology including complete genomic sequence, gene predictions and orthology assignments from range of related nematodes. Data concerning genetics, genomics and biology of *C. elegans* and related nematodes. Derived from initial ACeDB database of *C. elegans* genetic and sequence information, WormBase includes genomic, anatomical and functional information of *C. elegans*, other *Caenorhabditis* species and other nematodes. Maintains public FTP site where researchers can find many commonly requested files and datasets, WormBase software and prepackaged databases.

Abbreviations: WB, WB REF, WP

Synonyms: , WB, Worm Base, WB REF, WP

Resource Type: data or information resource, database, service resource, storage service resource, data repository

Defining Citation: [PMID:24194605](#), [PMID:19910365](#), [PMID:17991679](#), [PMID:15608221](#)

Keywords: RIN, Resource Information Network, catalog, database, blast, genomic sequence, gene prediction, orthology assignment, gene function, ortholog, roundworm, geneotype, phenotype, gene mapping, genomics, gene expression, transposon family, *c elegans*, wormmart, FASEB list, RRID Community Authority

Funding: NHGRI ;
NIH Blueprint for Neuroscience Research ;
MRC ;
BBSRC ;
NHGRI U41 HG002223;
NIHGRI P41 HG02223

Resource Name: WormBase

Resource ID: SCR_003098

Alternate IDs: nif-0000-00053, OMICS_01664, r3d100010424

Alternate URLs: <http://www.wormbase.org/#01-23-6>, <https://doi.org/10.17616/R3089Z>

License: CC0, CC BY 4.0

License URLs: <https://wormbase.org/about/policies#23--10>

Record Creation Time: 20220129T080217+0000

Record Last Update: 20260808T185759+0000

Ratings and Alerts

No rating or validation information has been found for WormBase.

No alerts have been found for WormBase.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1911 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Qu X, et al. (2026) Investigation of epilepsy-related genes in a Drosophila model. Neural regeneration research, 21(1), 195.

Panagiotidis K, et al. (2026) Mapping molluscan endocrinology: a systematic and critical appraisal. Biological reviews of the Cambridge Philosophical Society, 101(2), 970.

Schaveling AS, et al. (2026) The potato cyst nematode *Globodera pallida* overcomes major potato resistance through selection on standing variation at a single locus. The New phytologist, 249(6), 3039.

Ajmera S, et al. (2026) Curation of the *Fasciola hepatica* kinome as a resource for drug target discovery. BMC genomics, 27(1), 98.

Huynh L, et al. (2026) Canonical and noncanonical Hippo signaling in *C. elegans*. Genetics, 233(1).

Klapproth C, et al. (2026) Computational Analysis of Telomerase RNA Evolution in *Caenorhabditis* Species. Non-coding RNA, 12(1).

Chawla B, et al. (2026) Condensin IDC has a functional ATPase that is required for X-Chromosome dosage compensation in *C. elegans*. *Genetics*, 233(1).

Collington EL, et al. (2026) Widespread gene fusion artifacts in helminth genome annotations. *BMC genomics*, 27(1).

DiNardo AL, et al. (2026) *Caenorhabditis elegans* form sexually dimorphic and dynamic germ granules throughout meiotic prophase I progression. *bioRxiv : the preprint server for biology*.

Lou A, et al. (2026) Cell atlases and the developmental foundations of the phenotype. *PLoS computational biology*, 22(2), e1013944.

Freire CF, et al. (2026) Comprehensive *Schistosoma mansoni* Hierarchical Transcriptome Assembly Points to Novel lncRNAs Associated with Sexual Dimorphism. *Non-coding RNA*, 12(2).

Niu L, et al. (2026) A scaffold attachment factor PHM-2 regulates synaptic transmission through SLO-2 potassium channel in *C. elegans*. *PLoS genetics*, 22(3), e1011962.

Huang R, et al. (2026) p38 MAPK orchestrates cross-tissue potassium homeostasis for survival. *Nature communications*, 17(1).

Elaswad MT, et al. (2026) Targeted RNAi screen reveals novel regulators of RNA-binding protein phase transitions in *Caenorhabditis elegans* oocytes. *G3 (Bethesda, Md.)*, 16(1).

Vajs V, et al. (2026) Integrated transcriptomic and proteomic analysis of cancer-suppressive *Mesocostoides corti* larvae. *Parasites & vectors*, 19(1).

Roca M, et al. (2026) Evolution of sensory systems underlies the emergence of predatory feeding behaviors in nematodes. *Proceedings of the National Academy of Sciences of the United States of America*, 123(5), e2514172123.

Gürhanl? A, et al. (2026) rbpCNN: a biophysics-informed deep learning model for predicting piRNA and mRNA interactions. *Scientific reports*, 16(1).

Bell AD, et al. (2026) Allelic Variation at tRNA Genes in Three Nematode Species Indicates Mutation Load Despite Strong Purifying Selection. *Genome biology and evolution*, 18(3).

Li DZ, et al. (2026) An antifungal effector from a plant-parasitic nematode modulates host fungal community composition and supports ecological fitness. *NPJ biofilms and microbiomes*, 12(1).

Langleib M, et al. (2026) Transcriptome profiling of intra-snail stages of the liver fluke *Fasciola hepatica* reveals key mediators underlying parasite development and interaction with the host. *BMC genomics*, 27(1).