

Resource Summary Report

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[Nematode.net](#)

RRID:SCR_007816

Type: Tool

Proper Citation

Nematode.net (RRID:SCR_007816)

Resource Information

URL: <http://nematode.net/>

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Description: The home page of the parasitic nematode EST project at Washington University's Genome Sequencing Center, St. Louis. It was established in 2000 as a component of the NIH-NIAID grant "A Genomic Approach to Parasites from the Phylum Nematoda."

Synonyms: Nematode.net

Resource Type: data or information resource, database

Keywords: FASEB list

Resource Name: Nematode.net

Resource ID: SCR_007816

Alternate IDs: nif-0000-03186

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260905T133146+0000

Ratings and Alerts

No rating or validation information has been found for Nematode.net.

No alerts have been found for Nematode.net.

Data and Source Information

Usage and Citation Metrics

We found 87 mentions in open access literature.

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

Bharti S, et al. (2025) Single-cell transcriptome atlas of adult male and female human hookworm *Ancylostoma ceylanicum*. *iScience*, 28(11), 113846.

Uzoechi SC, et al. (2023) Excretory/Secretory Proteome of Females and Males of the Hookworm *Ancylostoma ceylanicum*. *Pathogens* (Basel, Switzerland), 12(1).

Lu CJ, et al. (2022) Survival and infectivity of second-stage root-knot nematode *Meloidogyne incognita* juveniles depend on lysosome-mediated lipolysis. *The Journal of biological chemistry*, 298(3), 101637.

Song H, et al. (2021) The *Meloidogyne javanica* effector Mj2G02 interferes with jasmonic acid signalling to suppress cell death and promote parasitism in *Arabidopsis*. *Molecular plant pathology*, 22(10), 1288.

Demkowska-Kutrzepa M, et al. (2021) The first case of *Spiroxys contortus* in European pond turtle (*Emys orbicularis*) in the wild in Poland. *International journal for parasitology. Parasites and wildlife*, 16, 26.

Logan J, et al. (2020) Comprehensive analysis of the secreted proteome of adult *Necator americanus* hookworms. *PLoS neglected tropical diseases*, 14(5), e0008237.

Fauver JR, et al. (2019) De novo Assembly of the *Brugia malayi* Genome Using Long Reads from a Single MinION Flowcell. *Scientific reports*, 9(1), 19521.

Vicente CSL, et al. (2019) Identification and characterization of the first pectin methylesterase gene discovered in the root lesion nematode *Pratylenchus penetrans*. *PloS one*, 14(2), e0212540.

Wilbers RHP, et al. (2018) Secreted venom allergen-like proteins of helminths: Conserved modulators of host responses in animals and plants. *PLoS pathogens*, 14(10), e1007300.

Rosa BA, et al. (2018) Differential human gut microbiome assemblages during soil-transmitted helminth infections in Indonesia and Liberia. *Microbiome*, 6(1), 33.

Magrini V, et al. (2018) Improving eukaryotic genome annotation using single molecule mRNA sequencing. *BMC genomics*, 19(1), 172.

Roderick H, et al. (2018) Rational design of biosafe crop resistance to a range of nematodes using RNA interference. *Plant biotechnology journal*, 16(2), 520.

Ditgen D, et al. (2018) Comparative characterization of two galectins excreted-secreted from intestine-dwelling parasitic versus free-living females of the soil-transmitted nematode *Strongyloides*. *Molecular and biochemical parasitology*, 225, 73.

Midha A, et al. (2018) The Intestinal Roundworm *Ascaris suum* Releases Antimicrobial Factors Which Interfere With Bacterial Growth and Biofilm Formation. *Frontiers in cellular and infection microbiology*, 8, 271.

Stoltzfus JD, et al. (2017) Perusal of parasitic nematode 'omics in the post-genomic era. *Molecular and biochemical parasitology*, 215, 11.

Bauters L, et al. (2017) The Distribution of Lectins across the Phylum Nematoda: A Genome-Wide Search. *International journal of molecular sciences*, 18(1).

O'Neill M, et al. (2016) Profiling the macrofilaricidal effects of flubendazole on adult female *Brugia malayi* using RNAseq. *International journal for parasitology. Drugs and drug resistance*, 6(3), 288.

Erkut C, et al. (2016) The glyoxylate shunt is essential for desiccation tolerance in *C. elegans* and budding yeast. *eLife*, 5.

McNulty SN, et al. (2016) *Dictyocaulus viviparus* genome, variome and transcriptome elucidate lungworm biology and support future intervention. *Scientific reports*, 6, 20316.

Ballesteros C, et al. (2016) The Effects of Ivermectin on *Brugia malayi* Females In Vitro: A Transcriptomic Approach. *PLoS neglected tropical diseases*, 10(8), e0004929.