

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

## [Nematode.net](#)

RRID:SCR\_007816

Type: Tool

### Proper Citation

Nematode.net (RRID:SCR\_007816)

### Resource Information

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

**Proper Citation:** Nematode.net (RRID:SCR\_007816)

**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:** 20260729T044213+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 86 mentions in open access literature.

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

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.

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.

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.

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.

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.

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.

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.

Kulkarni AP, et al. (2016) Sequence data mining in search of hookworm (*Necator americanus*) microRNAs. Gene, 590(2), 317.