

Guidelines for Nematode Genome and Transcriptome Announcement Articles in the *Journal of Nematology*

Scope:

Journal of Nematology Nematode Genome Announcement (NGA) and Nematode Transcriptome Announcement (NTA) articles report on the complete or draft genome or transcriptome resources for nematodes. Submissions are encouraged from all nematode groups including free-living, entomopathogenic, plant-parasitic, animal-parasitic, and marine species. The primary purpose of these brief peer-reviewed articles is to quickly and simply announce the availability of such 'omic resources, and their submissions to public databases, to the scientific community. Announcements focusing on the genomes of mitochondria or symbionts associated with nematodes are also welcome.

Editorial Procedures:

A *Journal of Nematology* Associate Editor (AE), specifically designated to handle this article type, will manage NGA and NTA submissions. This AE will perform initial editorial evaluation of submitted announcements to ensure that they conform to basic formatting requirements. Announcement articles passing editorial review will move on to peer review. The AE will solicit two reviews per announcement, asking for rapid return of reviews (2 weeks) for these very short articles. Reviewers will evaluate NGA and NTA submissions based on technical validity, clarity of scientific writing, and verification of public sequence database submission. Announcement articles receiving positive evaluations and support from the AE will move on to publication. In the event that the AE responsible for handling these articles wants to submit NGA or NTA articles to the journal, a qualified guest AE will be invited to oversee the review process. The publication procedures will otherwise follow *Journal of Nematology* guidelines.

Components:

Title: Titles are limited to 12 words or fewer, and should provide a simple description of the genome or transcriptome being announced.

Example:

The Draft Genome Sequence of *Globodera ellingtonae*

Authors and Affiliations: Follow the basic JON guidelines.

Abstract: Limit the abstract to 50 words or fewer and concisely summarize the basic content of the article without presenting extensive experimental or analytical details. Avoid abbreviations and acronyms. Conclude with a summary statement. Key words will be required, following *Journal of Nematology* general guidelines.

Example:

Globodera ellingtonae is a newly described potato cyst nematode found in Idaho, Oregon, and Argentina. Here we present a draft nuclear genome assembly of *G. ellingtonae*, an evolutionary relative of the quarantine nematodes *G. pallida* and *G. rostochiensis*.

Announcement: The main body of the article is limited to 500 words. Announcements may not include figures, tables, or supplemental material used to present data or analysis. Short descriptions (1-3 sentences each) for the following information should be provided in this section:

- Relevance – why is this nematode species important?
- Nematode collection source, conditions, and methods.
- DNA/RNA extraction and sequencing methods.
- Genome/transcriptome assembly methods (required).
- Genome/transcriptome assembly quality evaluation methods (optional).
- Gene annotation methods (optional).

Database Submission: Sequences and assemblies must be made publicly available before an announcement will be considered for publication. The accession numbers must be provided in this section, following the lead-in format “Nucleotide accession numbers associated with this announcement are...” In the case that the article announces multiple genomes or transcriptomes, a table can be used to share database submission information (“Nucleotide accession numbers associated with this announcement are presented in Table 1).

Acknowledgements: Follow the basic *Journal of Nematology* guidelines.

References and Literature Cited: For references with ten or more authors, ‘*et al.*’ should be used after then name of the first author. Otherwise, follow the basic *Journal of Nematology* guidelines.