

# Resource Summary Report

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## Manatee

RRID:SCR\_005685

Type: Tool

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### Proper Citation

Manatee (RRID:SCR\_005685)

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### Resource Information

**URL:** <http://manatee.sourceforge.net/>

**Proper Citation:** Manatee (RRID:SCR\_005685)

**Description:** Manatee is a web-based gene evaluation and genome annotation tool; Manatee can store and view annotation for prokaryotic and eukaryotic genomes. The Manatee interface allows biologists to quickly identify genes and make high quality functional assignments, such as GO classifications, using search data, paralogous families, and annotation suggestions generated from automated analysis. Manatee can be downloaded and installed to run under the CGI area of a web server, such as Apache. Platform: Online tool, Linux compatible, Solaris

**Abbreviations:** Manatee

**Resource Type:** software resource

**Keywords:** gene, genome, annotation, ontology or annotation browser, ontology or annotation editor

**Funding:**

**Availability:** Open unspecified license - Free for academic use

**Resource Name:** Manatee

**Resource ID:** SCR\_005685

**Alternate IDs:** nlx\_149128

**Record Creation Time:** 20220129T080231+0000

**Record Last Update:** 20250410T065320+0000

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## Ratings and Alerts

No rating or validation information has been found for Manatee.

No alerts have been found for Manatee.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 58 mentions in open access literature.

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

Yang Y, et al. (2024) The manatee variational autoencoder model for predicting gene expression alterations caused by transcription factor perturbations. *Scientific reports*, 14(1), 11794.

Baker L, et al. (2024) Medicaid Managed Care and Pediatric Dental Emergency Department Visits. *JAMA health forum*, 5(6), e241472.

Rawlings NN, et al. (2024) Cutaneous leishmaniasis in British troops following jungle training in Belize: Cumulative incidence and potential risk practices. *Parasite epidemiology and control*, 27, e00385.

Black KL, et al. (2024) Evidence for gene flow from the Gulf of Mexico to the Atlantic Ocean in bonnethead sharks (*Sphyrna tiburo*). *Ecology and evolution*, 14(9), e70334.

Burtnick MN, et al. (2024) Identification of Burkholderia cepacia strains that express a Burkholderia pseudomallei-like capsular polysaccharide. *Microbiology spectrum*, 12(3), e0332123.

Kelani AA, et al. (2023) Disruption of the Aspergillus fumigatus RNA interference machinery alters the conidial transcriptome. *RNA (New York, N.Y.)*, 29(7), 1033.

Ayala AJ, et al. (2023) Meteorological associations of Vibrio vulnificus clinical infections in tropical settings: Correlations with air pressure, wind speed, and temperature. *PLoS neglected tropical diseases*, 17(7), e0011461.

Maqueda JJ, et al. (2023) Adapter dimer contamination in sRNA-sequencing datasets

predicts sequencing failure and batch effects and hampers extracellular vesicle-sRNA analysis. *Journal of extracellular biology*, 2(6), e91.

Wang Z, et al. (2023) Counting manatee aggregations using deep neural networks and Anisotropic Gaussian Kernel. *Scientific reports*, 13(1), 19793.

Soler-Camargo NC, et al. (2022) The rate and role of pseudogenes of the *Mycobacterium tuberculosis* complex. *Microbial genomics*, 8(10).

Stumpf RP, et al. (2022) Quantifying *Karenia brevis* bloom severity and respiratory irritation impact along the shoreline of Southwest Florida. *PloS one*, 17(1), e0260755.

Nowell HK, et al. (2022) Impacts of Sugarcane Fires on Air Quality and Public Health in South Florida. *Environmental health perspectives*, 130(8), 87004.

Britt K, et al. (2022) Analysis of Citrus Tristeza Virus Incidences within Asian Citrus Psyllid (*Diaphorina citri*) Populations in Florida via High-Throughput Sequencing. *Insects*, 13(3).

Anahtar M, et al. (2022) Host protease activity classifies pneumonia etiology. *Proceedings of the National Academy of Sciences of the United States of America*, 119(25), e2121778119.

Rao AM, et al. (2022) A robust host-response-based signature distinguishes bacterial and viral infections across diverse global populations. *Cell reports. Medicine*, 3(12), 100842.

Badylak S, et al. (2021) Polystyrene microplastic contamination versus microplankton abundances in two lagoons of the Florida Keys. *Scientific reports*, 11(1), 6029.

Giassa IC, et al. (2021) Bioinformatics and Machine Learning Approaches to Understand the Regulation of Mobile Genetic Elements. *Biology*, 10(9).

Santos Junior MN, et al. (2020) Immunoinformatics and analysis of antigen distribution of *Ureaplasma diversum* strains isolated from different Brazilian states. *BMC veterinary research*, 16(1), 379.

Handzlik JE, et al. (2020) Manatee: detection and quantification of small non-coding RNAs from next-generation sequencing data. *Scientific reports*, 10(1), 705.

Stockbridge EL, et al. (2020) Dental visits in Medicaid-enrolled youth with mental illness: an analysis of administrative claims data. *BMC health services research*, 20(1), 1138.