Resource Summary Report

Generated by NIF on Apr 21, 2025

Infernal

RRID:SCR_011809
Type: Tool

Proper Citation

Infernal (RRID:SCR_011809)

Resource Information

URL: http://infernal.janelia.org/

Proper Citation: Infernal (RRID:SCR_011809)

Description: Software for searching DNA sequence databases for RNA structure and sequence similarities.

Abbreviations: Infernal

Synonyms: Infernal: inference of RNA alignments, INFERence of RNA Alignment

Resource Type: software resource

Defining Citation: PMID:24008419, DOI:10.1093/bioinformatics/btp157

Keywords: FASEB list

Funding:

Availability: GNU General Public License, v3

Resource Name: Infernal

Resource ID: SCR_011809

Alternate IDs: OMICS_00977

Alternate URLs: https://sources.debian.org/src/infernal/

Record Creation Time: 20220129T080306+0000

Record Last Update: 20250420T014600+0000

Ratings and Alerts

No rating or validation information has been found for Infernal.

No alerts have been found for Infernal.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 565 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Wang X, et al. (2025) Chromosome-level haplotype-resolved genome of the tropical loach (Oreonectes platycephalus). Scientific data, 12(1), 29.

Liu C, et al. (2025) A chromosome-scale genome assembly of the pioneer plant Stylosanthes angustifolia: insights into genome evolution and drought adaptation. GigaScience, 14.

Chen Y, et al. (2025) An improved chromosome-level genome assembly and annotation of Hong Kong catfish (Clarias fuscus). Scientific data, 12(1), 193.

Gong X, et al. (2025) Chromosome-level genome assembly of Iodes seguinii and its metabonomic implications for rheumatoid arthritis treatment. The plant genome, 18(1), e20534.

Zhang L, et al. (2025) Chromosome-level genome assembly and annotation of the gynogenetic large-scale loach (Paramisgurnus dabryanus). Scientific data, 12(1), 155.

Liu S, et al. (2025) Chromosome-level genome assembly and annotation of Japanese anchovy (Engraulis japonicus). Scientific data, 12(1), 134.

Li L, et al. (2025) A Chromosomal-level genome assembly and annotation of fat greenling (Hexagrammos otakii). Scientific data, 12(1), 78.

Zou M, et al. (2024) The chromosome-level genome assembly of the giant dobsonfly Acanthacorydalis orientalis (McLachlan, 1899). Scientific data, 11(1), 351.

Jia L, et al. (2024) Chromosome-level genome of Thymus mandschuricus reveals molecular mechanism of aroma compounds biosynthesis. Frontiers in plant science, 15, 1368869.

Yao K, et al. (2024) Chromosome-level genome assembly of the cereal cyst nematode Heterodera flipjevi. Scientific data, 11(1), 637.

Yang Y, et al. (2024) A chromosome-level genome assembly of Chinese quince (Pseudocydonia sinensis). Frontiers in plant science, 15, 1368861.

Niu Y, et al. (2024) Haplotype-resolved assembly of a pig genome using single-sperm sequencing. Communications biology, 7(1), 738.

Zhang W, et al. (2024) Chromosome-level genome assembly and annotation of the yellow grouper, Epinephelus awoara. Scientific data, 11(1), 151.

Xiang X, et al. (2024) Populus cathayana genome and population resequencing provide insights into its evolution and adaptation. Horticulture research, 11(1), uhad255.

Saha B, et al. (2024) In-depth transcriptomic analysis of Anopheles gambiae hemocytes uncovers novel genes and the oenocytoid developmental lineage. BMC genomics, 25(1), 80.

Han H, et al. (2024) Chromosome-level genome assembly of Solanum pimpinellifolium. Scientific data, 11(1), 577.

Zhang F, et al. (2024) Chromosome-scale genome assembly of oil-tea tree Camellia crapnelliana. Scientific data, 11(1), 599.

Gao Y, et al. (2024) Chromosome-level genome assembly of Ajuga decumbens. Frontiers in plant science, 15, 1413468.

Chen XY, et al. (2024) Evolution of the Correlated Genomic Variation Landscape Across a Divergence Continuum in the Genus Castanopsis. Molecular biology and evolution, 41(9).

Seah BKB, et al. (2024) Nuclear dualism without extensive DNA elimination in the ciliate Loxodes magnus. Proceedings of the National Academy of Sciences of the United States of America, 121(39), e2400503121.