

Resource Summary Report

Generated by dkNET on Apr 30, 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 [dkNET](#).

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.

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

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.

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.

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

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

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.

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.

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

Shen X, et al. (2024) The chromosome-level genome assembly of *Aphidoletes aphidimyza* Rondani (Diptera: Cecidomyiidae). *Scientific data*, 11(1), 785.

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

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

Li WG, et al. (2024) Chromosome-level genome assembly of a cliff plant *Taihangia rupestris* var. *ciliata* provides insights into its adaptation and demographic history. *BMC plant biology*, 24(1), 596.

Liu S, et al. (2024) Chromosome-level genome assembly of marine diatom *Skeletonema tropicum*. *Scientific data*, 11(1), 403.

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