

Resource Summary Report

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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

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: 20260725T190721+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 687 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Kimbrel JA, et al. (2026) High-quality *Acinetobacter* genomes recovered from combat wounds via metagenomic sequencing resemble cultured isolate genomes. *Microbiology spectrum*, 14(1), e0187625.

Zhou Z, et al. (2026) Chromosome-level genome provides novel insights into the starch metabolism regulation and evolutionary history of *Tetraselmis helgolandica*. *Journal of advanced research*, 79, 251.

Ren L, et al. (2025) Genomes reveal pervasive distant hybridization in nature among cyprinid fishes. *GigaScience*, 14.

Cao X, et al. (2025) Enhanced bacteriostatic effects of phage vB_C4 and cell wall-targeting antibiotic combinations against drug-resistant *Aeromonas veronii*. *Microbiology spectrum*, 13(2), e0190824.

Cheng L, et al. (2025) Genome assembly of *Stewartia sinensis* reveals origin and evolution of orphan genes in Theaceae. *Communications biology*, 8(1), 354.

Song Y, et al. (2025) Haplotype-Phased Chromosome-Level Genome Assembly of *Cryptoporus qinlingensis*, a Typical Traditional Chinese Medicine Fungus. *Journal of fungi* (Basel, Switzerland), 11(2).

Lamichhane B, et al. (2025) Elucidating the enzyme network driving Amaryllidaceae alkaloids biosynthesis in *Leucojum aestivum*. *Plant biotechnology journal*, 23(6), 1988.

Wang F, et al. (2025) A telomere-to-telomere genome assembly of Chinese grain sorghum 654. *Scientific data*, 12(1), 460.

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

Luo X, et al. (2025) Genome assembly of pomegranate highlights structural variations driving population differentiation and key loci underpinning cold adaption. *Horticulture research*, 12(5), uhaf022.

Zhu M, et al. (2025) A chromosomal-level genome assembly of *Kibakoganea sinica*, Bouchard, 2005 (Coleoptera: Scarabaeidae). *Scientific data*, 12(1), 1012.

Huang T, et al. (2025) Chromosome-level genome assembly of the aphid *Megoura crassicauda*. *Scientific data*, 12(1), 994.

Kang Z, et al. (2025) Genomic and Multi-Omics Analysis of *Phlebopus portentosus*: Effects of Cultivation on Secondary Metabolites. *Journal of fungi (Basel, Switzerland)*, 11(4).

Xiang N, et al. (2025) Chromosomal level genome assembly of medicinal plant *Chrysosplenium macrophyllum*. *Scientific data*, 12(1), 1224.

Zhang R, et al. (2025) Chromosome-level genome assembly of an Arctic fish species pale eelpout (*Lycodes pallidus*). *Scientific data*, 12(1), 1187.

Zhang L, et al. (2025) Strict relationship between phenotypic and plasmid-associated genotypic of multidrug-resistant *Escherichia coli* isolated from Taihe Black-Boned Silky Fowl farms. *Poultry science*, 104(6), 105082.

Sun D, et al. (2025) Chromosome-level genome assembly of scalloped spiny lobster *Panulirus homarus homarus*. *Scientific data*, 12(1), 900.

Qian KC, et al. (2025) A high-quality chromosome-level genome assembly of herbaceous bamboo species *Lithachne pauciflora*. *Scientific data*, 12(1), 1736.

Chen X, et al. (2025) Near telomere to telomere genome assembly of Chinese yellow rabbit (*Oryctolagus cuniculus*). *Scientific data*, 12(1), 1786.

Shuang H, et al. (2025) A High-quality chromosome-level genome assembly of *Swertia przewalskii* Pissjauk. *Scientific data*, 12(1), 2026.