

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 [nidm-terms](#) .

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.

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

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

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

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).

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.

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.

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

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

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

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).

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.

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

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

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

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

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