

Resource Summary Report

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Aragorn

RRID:SCR_015974

Type: Tool

Proper Citation

Aragorn (RRID:SCR_015974)

Resource Information

URL: <http://mbio-serv2.mbioekol.lu.se/ARAGORN/>

Proper Citation: Aragorn (RRID:SCR_015974)

Description: Software that detects tRNA genes and tmRNA genes in nucleotide sequences. The program employs heuristic algorithms to predict tRNA secondary structure, based on homology with recognized tRNA consensus sequences and ability to form a base-paired cloverleaf., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Resource Type: sequence analysis software, data analysis software, software resource, software application, data processing software

Defining Citation: [PMID:14704338](#), [DOI:10.1093/nar/gkh152](#)

Keywords: software, program, nucleotide, sequence, detect, tmRNA, tRNA

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Aragorn

Resource ID: SCR_015974

Alternate IDs: OMICS_04227

Alternate URLs: <https://sources.debian.org/src/arden/>

License: GPLv3

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260728T043513+0000

Ratings and Alerts

No rating or validation information has been found for Aragorn.

No alerts have been found for Aragorn.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 472 mentions in open access literature.

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

Stevens-Green R, et al. (2025) Organellar Genomes of Three Globally Important Nanoplanktonic Diatoms Refine Their Taxon-Specific Distribution and Succession Patterns in the Northwest Atlantic. *The Journal of eukaryotic microbiology*, 72(5), e70033.

Zou T, et al. (2025) Chloroplast whole genome assembly and phylogenetic analysis of *Persicaria criopolitana* reveals its new taxonomic status. *Scientific reports*, 15(1), 19890.

Janssen AB, et al. (2025) PneumoBrowse 2: an integrated visual platform for curated genome annotation and multiomics data analysis of *Streptococcus pneumoniae*. *Nucleic acids research*, 53(D1), D839.

Nawrocki EP, et al. (2025) Expansion of the tmRNA sequence database and new tools for search and visualization. *NAR genomics and bioinformatics*, 7(1), lqaf019.

Takita K, et al. (2025) Distribution and functional analysis of two types of quorum sensing gene pairs, *glal1/glaR1* and *glal2/glaR2*, in *Burkholderia gladioli*. *FEMS microbiology letters*, 372.

Rivas-Santisteban J, et al. (2025) Metagenomic analysis of heavy water-adapted bacterial communities. *Microbial genomics*, 11(5).

Rubalskii E, et al. (2025) Characterization and genome analysis of the novel virulent *Burkholderia* phage Bm1, which is active against pan-drug-resistant *Burkholderia multivorans*. *Archives of virology*, 170(5), 106.

Guo W, et al. (2025) Transcriptomic analysis of *Virescentia guangxiensis* (Rhodophyta: Batrachospermales) revealed differential expression of genes in gametophyte and chntransia life phases. *BMC genomics*, 26(1), 202.

Cui H, et al. (2025) Branched-chain amino acid metabolism supports *Roseobacteraceae* positive interactions in marine biofilms. *Applied and environmental microbiology*, 91(3), e0241124.

Washington JM, et al. (2025) Expanding the Diversity of Actinobacterial Tectiviridae: A Novel Genus from *Microbacterium*. *Viruses*, 17(1).

- Liu L, et al. (2025) Complete chloroplast genome sequencing of *Pseudocodon convolvulaceus*, a medicinal herb from Qinghai-Tibet Plateau in China. *PloS one*, 20(8), e0328307.
- Li Y, et al. (2025) PlasmidScope: a comprehensive plasmid database with rich annotations and online analytical tools. *Nucleic acids research*, 53(D1), D179.
- Li X, et al. (2025) Analysis of synonymous codon usage bias in the chloroplast genome of five *Caragana*. *BMC plant biology*, 25(1), 322.
- Ruang-Areerate P, et al. (2025) Comparative Chloroplast Genomes and Phylogenetic Relationships of True Mangrove Species *Brownlowia tersa* and *Brownlowia argentata* (Malvaceae). *Current issues in molecular biology*, 47(2).
- Maurya S, et al. (2025) Comparative plastome evaluation, phylogenomic analysis, and DNA signatures of medicinally important malvaceous genera and their adulterants. *Scientific reports*, 15(1), 24285.
- Záhonová K, et al. (2025) Comparative genomic analysis of trypanosomatid protists illuminates an extensive change in the nuclear genetic code. *mBio*, 16(6), e0088525.
- Daundasekara KC, et al. (2025) Plastomic studies inform the mechanisms of edaphic adaptation in North American species in the tribe Thelypodieae (Brassicaceae). *American journal of botany*, 112(7), e70071.
- Almeida GMF, et al. (2025) Genomic and structural insights into Jyvaskylavirus, the first giant virus isolated from Finland. *eLife*, 13.
- Ranta K, et al. (2025) Isolation and characterization of fMGyn-Pae01, a phiKZ-like jumbo phage infecting *Pseudomonas aeruginosa*. *Virology journal*, 22(1), 55.
- Bulzu PA, et al. (2025) Lineage-specific expansions of polinton-like viruses in photosynthetic cryptophytes. *Microbiome*, 13(1), 154.