

Resource Summary Report

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iTOL

RRID:SCR_018174

Type: Tool

Proper Citation

iTOL (RRID:SCR_018174)

Resource Information

URL: <https://itol.embl.de/>

Proper Citation: iTOL (RRID:SCR_018174)

Description: Web tool for display, annotation and management of phylogenetic trees. Accessible with any modern web browser.

Synonyms: interactive Tree Of Life

Resource Type: web service, service resource, data access protocol, software resource

Defining Citation: [PMID:30931475](#)

Keywords: Phylogenetic tree, phylogeny, data visualization, data annotation, data management, dataset, bio.tools

Funding: German Federal Ministry of Education and Research ;
European Research Council ;
European Molecular Biology Laboratory

Availability: Free, Freely available

Resource Name: iTOL

Resource ID: SCR_018174

Alternate IDs: biotools:itol

Alternate URLs: <https://bio.tools/itol>

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260728T043541+0000

Ratings and Alerts

No rating or validation information has been found for iTOL.

No alerts have been found for iTOL.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3161 mentions in open access literature.

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

Xu H, et al. (2026) Teleost GSDMEc regulates GSDMEa-mediated pyroptosis. Journal of advanced research, 79, 105.

Peng Z, et al. (2026) Association between weaning stress and rumen microbiota in goat kids: evidence from granger causality and randomized controlled trial validation. Animal bioscience, 39(1), 250092.

Du Y, et al. (2026) Insect I-Type Lysozymes Function as Antiviral Proteases by Forming Biomolecular Condensates. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(1), e14408.

Liang B, et al. (2026) Antimicrobial resistance and virulence analysis of Escherichia coli carried by black-faced spoonbill (Platalea minor) in Liaoning, China. PloS one, 21(1), e0339376.

Zhang J, et al. (2026) Clonal dissemination of ST19 Salmonella Typhimurium within a Chinese poultry breeding pyramid and One-Health implications. Poultry science, 105(1), 106097.

Xu X, et al. (2026) Novel genotyping and genetic heterogeneity of chicken parvovirus in central and Eastern China. Poultry science, 105(1), 105997.

Zhao Y, et al. (2026) Phenotypic and genotypic differences between bloodstream and non-blood Candida krusei isolates: implications for invasiveness and antifungal susceptibility. Microbiology spectrum, 14(1), e0260825.

Zhang P, et al. (2026) Resurrection and characterization of ancestral xylose transporters enhance the capability of xylose uptake in the mixed sugar co-fermentation of Recombinant Saccharomyces cerevisiae. Bioresources and bioprocessing, 13(1), 1.

Yu H, et al. (2026) The mutated very virulent IBDV (mvvIBDV) suppresses immune responses to avian influenza and newcastle disease immunization. Poultry science, 105(1), 106163.

Sari E, et al. (2026) Gene duplication, horizontal gene transfer, and trait trade-offs drive evolution of postfire resource acquisition in pyrophilous fungi. Proceedings of the National

Academy of Sciences of the United States of America, 123(1), e2519152123.

Chen Y, et al. (2026) Structure insight into FtsZ function maintaining under acid stress of *Streptococcus mutans*. *International journal of oral science*, 18(1), 3.

Farias FM, et al. (2026) Streptocyclin BTW is a novel member of a diverse family of circular bacteriocins in the genus *Streptococcus*. *Molecular nutrition & food research*, 70(1), e70290.

Ahmed FH, et al. (2026) Disordered N-termini enhance the thermostability of SGNH-hydrolase family polyesterases. *Protein science : a publication of the Protein Society*, 35(1), e70402.

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.

Pan S, et al. (2025) A holistic genome dataset of bacteria and archaea of mangrove sediments. *GigaScience*, 14.

Zilkha N, et al. (2025) Distinct oxytocin populations support seismic social communication and militant behaviors in a naturally solitary wild rodent. *iScience*, 28(12), 114151.

Scadden J, et al. (2025) The nisin O cluster: species dissemination, candidate leader peptide proteases and the role of regulatory systems. *Microbiology (Reading, England)*, 171(2).

Starcevic A, et al. (2025) Long-read metagenomic sequencing negates inferred loss of cytosine methylation in *Myxosporea* (Cnidaria: Myxozoa). *GigaScience*, 14.

Light-Maka I, et al. (2025) Bronze Age *Yersinia pestis* genome from sheep sheds light on hosts and evolution of a prehistoric plague lineage. *Cell*.

De Coninck T, et al. (2025) OsAPSE modulates non-covalent interactions between arabinogalactan protein O-glycans and pectin in rice cell walls. *Frontiers in plant science*, 16, 1588802.