## **Resource Summary Report**

Generated by RRID on Apr 28, 2025

# **TreeDyn**

RRID:SCR\_015946

Type: Tool

### **Proper Citation**

TreeDyn (RRID:SCR\_015946)

#### **Resource Information**

URL: http://www.treedyn.org/

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**Description:** Visualization software that links unique leaf labels to lists of variables/values pairs of annotations (meta-information), independently of the tree topologies, remaining fully compatible with the basic newick format. These relationships are used by dynamic graphics operators, information visualization methods like Projection, Localization, Labelization, Reflection allowing an interaction from annotations to trees, from trees to annotations and from trees to trees through annotations.

**Resource Type:** data processing software, data visualization software, software application, software resource

**Keywords:** tree, variable, annotation, metainfo, newick, topology, graphic, operator, projection, localization, reflection, leaf, label, bio.tools

#### **Funding:**

Availability: Free, Open source, Available for download, Runs on MAC OS, Runs on

Windows, Runs on Linux

Resource Name: TreeDyn

Resource ID: SCR\_015946

Alternate IDs: biotools:treedyn

Alternate URLs: https://bio.tools/treedyn

License: OSI Certified Open Source, GPL

**Record Creation Time:** 20220129T080328+0000

Record Last Update: 20250428T053936+0000

### **Ratings and Alerts**

No rating or validation information has been found for TreeDyn.

No alerts have been found for TreeDyn.

#### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 345 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID.

Kamilari E, et al. (2025) Bacillus safensis APC 4099 has broad-spectrum antimicrobial activity against both bacteria and fungi and produces several antimicrobial peptides, including the novel circular bacteriocin safencin E. Applied and environmental microbiology, 91(1), e0194224.

Curry HN, et al. (2024) Melastatin subfamily Transient Receptor Potential channels support spermatogenesis in planarian flatworms. bioRxiv: the preprint server for biology.

Poza-Viejo L, et al. (2024) Brassica rapa CURLY LEAF is a major H3K27 methyltransferase regulating flowering time. Planta, 260(1), 27.

Plett JM, et al. (2024) Sesquiterpenes of the ectomycorrhizal fungus Pisolithus microcarpus alter root growth and promote host colonization. Mycorrhiza, 34(1-2), 69.

Suzuki T, et al. (2024) Coexistence of nonfluorescent chromoproteins and fluorescent proteins in massive Porites spp. corals manifesting a pink pigmentation response. Frontiers in physiology, 15, 1339907.

Hendiger-Rizo EB, et al. (2024) Potentially Pathogenic Free-Living Amoebae Isolated from Soil Samples from Warsaw Parks and Squares. Pathogens (Basel, Switzerland), 13(10).

Kennelly C, et al. (2024) Substrate identification of putative NCS1 and NCS2 nucleobase transporters in Pseudomonas aeruginosa. mBio, 15(12), e0243424.

Fallon AM, et al. (2024) Resistance of Wolbachia to Trimethoprim: Insights into Genes Encoding Dihydrofolate Reductase, Thymidylate Synthase and Serine Hydroxymethyltransferase in the Rickettsiales. Insects, 16(1).

Viswanathan PK, et al. (2024) Maternal TGF-? ligand Panda breaks the radial symmetry of the sea urchin embryo by antagonizing the Nodal type II receptor ACVRII. PLoS biology, 22(6), e3002701.

Marcolungo L, et al. (2024) Haematococcus lacustris genome assembly and annotation reveal diploid genetic traits and stress-induced gene expression patterns. Algal research, 80, 103567.

Hinke DM, et al. (2024) Applying valency-based immuno-selection to generate broadly cross-reactive antibodies against influenza hemagglutinins. Nature communications, 15(1), 850.

Majewska AM, et al. (2024) Secreted novel AID/APOBEC-like deaminase 1 (SNAD1) - a new important player in fish immunology. Frontiers in immunology, 15, 1340273.

Zmuda AJ, et al. (2024) A universal metabolite repair enzyme removes a strong inhibitor of the TCA cycle. Nature communications, 15(1), 846.

Carrion JV, et al. (2024) High-throughput sequencing yields the complete plastid genome of the endemic species Phragmipedium kovachii (Orchidaceae) from northeastern Peru. Mitochondrial DNA. Part B, Resources, 9(9), 1175.

Rossi F, et al. (2024) Megaselia scalaris and Senotainia tricuspis Infesting Apis mellifera: Detection by Quantitative PCR, Genotyping, and Involvement in the Transmission of Microbial Pathogens. Insects, 15(10).

Dextro RB, et al. (2023) Exploring the Relationship between Biosynthetic Gene Clusters and Constitutive Production of Mycosporine-like Amino Acids in Brazilian Cyanobacteria. Molecules (Basel, Switzerland), 28(3).

Hogan CA, et al. (2023) Expanded tRNA methyltransferase family member TRMT9B regulates synaptic growth and function. EMBO reports, 24(10), e56808.

Stuart EK, et al. (2023) Acquisition of host-derived carbon in biomass of the ectomycorrhizal fungus Pisolithus microcarpus is correlated to fungal carbon demand and plant defences. FEMS microbiology ecology, 99(5).

Pinder C, et al. (2023) Characterisation of putative class 1A DHODH-like proteins from Mucorales and dematiaceous mould species. PloS one, 18(8), e0289441.

Dupouy G, et al. (2023) PICKLE RELATED 2 is a Neofunctionalized Gene Duplicate Under Positive Selection With Antagonistic Effects to the Ancestral PICKLE Gene on the Seed Transcriptome. Genome biology and evolution, 15(11).