Resource Summary Report

Generated by NIF on Apr 19, 2025

PhyloTreePruner

RRID:SCR_012069

Type: Tool

Proper Citation

PhyloTreePruner (RRID:SCR_012069)

Resource Information

URL: http://sourceforge.net/projects/phylotreepruner/

Proper Citation: PhyloTreePruner (RRID:SCR_012069)

Description: A utility that uses a phylogenetic approach to refine orthology inferences made

by graph-based (or other) methods.

Resource Type: software resource

Defining Citation: PMID:24250218

Keywords: applet

Funding:

Resource Name: PhyloTreePruner

Resource ID: SCR_012069

Alternate IDs: OMICS_04250

Record Creation Time: 20220129T080308+0000

Record Last Update: 20250410T070228+0000

Ratings and Alerts

No rating or validation information has been found for PhyloTreePruner.

No alerts have been found for PhyloTreePruner.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Kan S, et al. (2024) Cytonuclear Interactions and Subgenome Dominance Shape the Evolution of Organelle-Targeted Genes in the Brassica Triangle of U. Molecular biology and evolution, 41(3).

Flury JM, et al. (2023) Potential Contribution of Ancient Introgression to the Evolution of a Derived Reproductive Strategy in Ricefishes. Genome biology and evolution, 15(8).

Sonoda GG, et al. (2023) Venomous Noodles: The Evolution of Toxins in Nemertea through Positive Selection and Gene Duplication. Toxins, 15(11).

Iannello M, et al. (2023) Signatures of Extreme Longevity: A Perspective from Bivalve Molecular Evolution. Genome biology and evolution, 15(11).

Bilyk KT, et al. (2023) Positive and Relaxed Selective Pressures Have Both Strongly Influenced the Evolution of Cryonotothenioid Fishes during Their Radiation in the Freezing Southern Ocean. Genome biology and evolution, 15(4).

Beric A, et al. (2021) Comparative phylogenetics of repetitive elements in a diverse order of flowering plants (Brassicales). G3 (Bethesda, Md.), 11(7).

Bateman KS, et al. (2021) Identification and Full Characterisation of Two Novel Crustacean Infecting Members of the Family Nudiviridae Provides Support for Two Subfamilies. Viruses, 13(9).

Berger CA, et al. (2021) Shifts in morphology, gene expression, and selection underlie web loss in Hawaiian Tetragnatha spiders. BMC ecology and evolution, 21(1), 48.

Lu H, et al. (2021) Yeast metabolic innovations emerged via expanded metabolic network and gene positive selection. Molecular systems biology, 17(10), e10427.

Casasa S, et al. (2021) Polyphenism of a Novel Trait Integrated Rapidly Evolving Genes into Ancestrally Plastic Networks. Molecular biology and evolution, 38(2), 331.

Caurcel C, et al. (2021) MolluscDB: a genome and transcriptome database for molluscs. Philosophical transactions of the Royal Society of London. Series B, Biological sciences, 376(1825), 20200157.

Regan T, et al. (2021) Ancestral Physical Stress and Later Immune Gene Family Expansions

Shaped Bivalve Mollusc Evolution. Genome biology and evolution, 13(8).

Meng R, et al. (2020) The Deep Evolutionary Relationships of the Morphologically Heterogeneous Nolinoideae (Asparagaceae) Revealed by Transcriptome Data. Frontiers in plant science, 11, 584981.

Stevens L, et al. (2020) The Genome of Caenorhabditis bovis. Current biology: CB, 30(6), 1023.

Mabry ME, et al. (2020) Phylogeny and multiple independent whole-genome duplication events in the Brassicales. American journal of botany, 107(8), 1148.

DeBiasse MB, et al. (2020) Inferring Tunicate Relationships and the Evolution of the Tunicate Hox Cluster with the Genome of Corella inflata. Genome biology and evolution, 12(6), 948.

Shekhovtsov SV, et al. (2020) Species Delimitation of the Eisenia nordenskioldi Complex (Oligochaeta, Lumbricidae) Using Transcriptomic Data. Frontiers in genetics, 11, 598196.

Smythe AB, et al. (2019) Improved phylogenomic sampling of free-living nematodes enhances resolution of higher-level nematode phylogeny. BMC evolutionary biology, 19(1), 121.

Stevens L, et al. (2019) Comparative genomics of 10 new Caenorhabditis species. Evolution letters, 3(2), 217.

Kocot KM, et al. (2019) Phylogenomics of Aplacophora (Mollusca, Aculifera) and a solenogaster without a foot. Proceedings. Biological sciences, 286(1902), 20190115.