

# Resource Summary Report

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## TimeTree

RRID:SCR\_021162

Type: Tool

### Proper Citation

TimeTree (RRID:SCR\_021162)

### Resource Information

**URL:** <http://www.timetree.org>

**Proper Citation:** TimeTree (RRID:SCR\_021162)

**Description:** Public knowledge base for information on evolutionary timescale of life. Data from thousands of published studies are assembled into searchable tree of life scaled to time.

**Resource Type:** data or information resource, database

**Keywords:** Evolutionary timescale of life, published studies data, , FASEB list

**Availability:** Free, Freely available

**Resource Name:** TimeTree

**Resource ID:** SCR\_021162

**Record Creation Time:** 20220129T080354+0000

**Record Last Update:** 20260804T043721+0000

### Ratings and Alerts

No rating or validation information has been found for TimeTree.

No alerts have been found for TimeTree.

### Data and Source Information

**Source:** [SciCrunch Registry](#)

### Usage and Citation Metrics

We found 1093 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

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.

Shi T, et al. (2026) Revisiting ancient whole-genome duplications in the seed and flowering plants through the lens of dosage-sensitive genes. *Science advances*, 12(1), eaea9797.

Jiang M, et al. (2025) The telomere-to-telomere gap-free reference genome and taxonomic reassessment of *Siniperca roulei*. *GigaScience*, 14.

Yuan J, et al. (2025) A telomere-to-telomere genome assembly of koi carp (*Cyprinus carpio*) using long reads and Hi-C technology. *GigaScience*, 14.

Zhou Y, et al. (2025) Telomere-to-telomere genome and resequencing of 254 individuals reveal evolution, genomic footprints in Asian icefish, *Protosalanx chinensis*. *GigaScience*, 14.

Chen M, et al. (2025) The genome of *Hippophae salicifolia* provides new insights into the sexual differentiation of sea buckthorn. *GigaScience*, 14.

Bian C, et al. (2025) Telomere-to-telomere chromosome-scale genome assemblies of black and golden koi carp variants support construction of an ancient karyotype of *Cypriniformes*. *GigaScience*, 14.

Li C, et al. (2025) Chloroplast genome, an effective strategy for identifying hybrid species, using *Dendrobium* 'Black Gold' as an example. *BMC plant biology*, 25(1), 1257.

Zhang J, et al. (2025) Evolution of HD-ZIP transcription factors and their function in cabbage leafy head formation. *Frontiers in plant science*, 16, 1583110.

Zhou Y, et al. (2025) Telomere-to-telomere genome and resequencing of 231 individuals reveal evolution, genomic footprints in Asian icefish, *Protosalanx chinensis*. *GigaScience*, 14.

Chen CC, et al. (2025) High-quality chromosome-level genome of three *Meretrix* species using Nanopore and Hi-C technologies. *Scientific data*, 12(1), 1141.

Pattaro A, et al. (2025) Phylogenetic variation of layer II cortical immature neurons in dog and horse confirms covariance with brain size and neocortical surface. *Brain structure & function*, 230(6), 115.

Bo T, et al. (2025) Convergent gut microbial functional strategies drive energy metabolism adaptation across *Ursidae* species and challenge the uniqueness of giant panda. *The ISME journal*, 19(1).

Zhou ZJ, et al. (2025) Diversity, evolution and transcription of endogenous retroviruses in *Chiroptera* genomes. *DNA research : an international journal for rapid publication of*

reports on genes and genomes, 32(5).

Fan BL, et al. (2025) Analysis of gene expansion and defense-related genes in Anacardiaceae family from an evolutionary aspect. *Frontiers in plant science*, 16, 1638044.

Gao J, et al. (2025) MITE Annotation and Landscape in 207 Plant Genomes Reveal Their Evolutionary Dynamics and Functional Roles. *Molecular ecology resources*, 25(8), e70041.

Yang Y, et al. (2025) The Nearly Complete Genome of *Grifola frondosa* and Light-Induced Genes Screened Based on Transcriptomics Promote the Production of Triterpenoid Compounds. *Journal of fungi (Basel, Switzerland)*, 11(4).

Lv Y, et al. (2025) Chromosome-level genome assembly reveals adaptive evolution of the invasive Amazon sailfin catfish (*Pterygoplichthys pardalis*). *Communications biology*, 8(1), 616.

Li X, et al. (2025) Phylogeny and evolutionary dynamics of the *Rubia* genus based on the chloroplast genome of *Rubia tibetica*. *Scientific reports*, 15(1), 14370.

Song WL, et al. (2025) Telomere-to-telomere genome assembly and 3D chromatin architecture of *Centella asiatica* insight into evolution and genetic basis of triterpenoid saponin biosynthesis. *Horticulture research*, 12(5), uhaf037.