

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

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: 20260912T200220+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 1496 mentions in open access literature.

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

Mao C, et al. (2026) Chromosome-level genome assembly and transcriptomes of the leaf insect *Cryptophyllum westwoodii* provide insights into the evolution of leaf-like masquerade. *GigaScience*, 15.

Nawae W, et al. (2026) Genome Assembly of Three Shrub Mangroves in the Genus *Acanthus* Reveals Two Polyploidy Events and Expansion of Genes Linked to Root Adaptation in Coastal Habitats. *GigaScience*, 15.

Lu Z, et al. (2026) The *Rhus chinensis* Genome Provides Insights Into Tannin, Flavonoid Biosynthesis, and Glandular Trichome Development. *Plant biotechnology journal*, 24(3), 988.

Toussaint SLD, et al. (2026) Kinematics and morphological correlates of descent strategies in arboreal mammals suggest early upright postures in euprimates. *eLife*, 14.

Ma ZS, et al. (2026) How Host Phylogeny and Diet Shape the Specificity and Specificity Diversity of Animal Gut Microbiomes. *Environmental microbiology reports*, 18(1), e70253.

Benestan L, et al. (2026) Chromosome-level genome assembly and annotation of the emblematic silver-lipped pearl oyster *Pinctada maxima* Jameson 1901. *Scientific data*, 13(1).

Gadagkar SR, et al. (2026) Selection for rapid embryonic development sculpted the new gene *Shrew* into an accelerator of *Drosophila* dorsal-ventral axis specification. *Genetics*, 233(2).

Wang Y, et al. (2026) A chromosome level genome, as well as transcriptomes and metabolomes, insights into genome evolution and the biosynthesis of kaempferol and kaempferol derivatives in *Impatiens balsamina* (Balsaminaceae). *Frontiers in plant science*, 17, 1725789.

Lewin L, et al. (2026) A Comparative Analysis of Long-Term Effective Population Sizes Across Eukaryotes. *Molecular ecology*, 35(4), e70265.

Xu MM, et al. (2026) Restoration of ancestral transcriptional plasticity contributes to plastic heterosis in fatty liver of hybrid ducks. *Communications biology*, 9(1).

Zhou C, et al. (2026) Comparative Analysis Reveals the Adaptive Evolution of Olfactory System in the Swamp Eel (*Monopterus albus*) Based on the Chromosome-Level Genome. *Ecology and evolution*, 16(5), e73586.

Song H, et al. (2026) Phylogenomic Insights into High Conservation and Lineage-Specific Expansion of the ABAPT Gene Family in Plants. *International journal of molecular sciences*, 27(8).

Goldenberg J, et al. (2026) Color and Near-Infrared Reflectance Covary in Distinct Ways Across Taxa. *Ecology and evolution*, 16(4), e73381.

Zhu K, et al. (2026) Genomic basis of adaptation to cardiac glycosides in three insect orders. *Frontiers in genetics*, 17, 1808090.

Zheng C, et al. (2026) Biological characteristics and genetics differentiation of smut fungi in *Coix L.* *Frontiers in microbiology*, 17, 1746178.

Uliano-Silva M, et al. (2026) Elevated retrocopy burden and sloth-specific expansions illuminate mammalian genome evolution. *BMC biology*, 24(1).

Kataoka K, et al. (2026) Temporal orchestration of transcriptional and epigenomic programming underlying maternal embryonic diapause in a cricket model. *Communications biology*, 9(1).

Dunbar RIM, et al. (2026) Evolutionary lags in the primate brain size/body size relationship revisited. *PloS one*, 21(7), e0351073.

Wu TZ, et al. (2026) Molecular divergence of TRPA1 in cetaceans supports lineage-specific adaptation to aquatic life. *Zoological research*, 47(1), 117.

Li F, et al. (2026) An ancient genome duplication event drives the development and evolution of spinnerets in spiders. *Science advances*, 12(3), eadw2173.