## **Resource Summary Report**

Generated by RRID on Apr 28, 2025

# **trimAl**

RRID:SCR\_017334

Type: Tool

## **Proper Citation**

trimAl (RRID:SCR\_017334)

#### **Resource Information**

URL: http://trimal.cgenomics.org/

**Proper Citation:** trimAl (RRID:SCR\_017334)

**Description:** Software tool for automated removal of spurious sequences or poorly aligned regions from multiple sequence alignment. Software package for automated alignment trimming in large scale phylogenetic analyses.

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

**Defining Citation:** PMID:19505945

**Keywords:** removal, spurious, sequence, poorly, aligned, region, multiple, alignment, trimming, large, scale, phylogenetic, analysis, bio.tools

Funding: FIS;

**MEC** 

Availability: Free, Available for download, Freely available

Resource Name: trimAl

Resource ID: SCR\_017334

Alternate IDs: biotools:trimal

Alternate URLs: https://vicfero.github.io/trimal/, https://bio.tools/trimal

**Record Creation Time:** 20220129T080334+0000

**Record Last Update:** 20250428T054049+0000

## Ratings and Alerts

No rating or validation information has been found for trimAl.

No alerts have been found for trimAl.

#### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 478 mentions in open access literature.

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

Yao J, et al. (2025) Chloroplast Genome Sequencing and Comparative Analysis of Six Medicinal Plants of Polygonatum. Ecology and evolution, 15(1), e70831.

Qiu S, et al. (2025) Functional evolution and diversification of CYP82D subfamily members have shaped flavonoid diversification in the genus Scutellaria. Plant communications, 6(1), 101134.

Shao B, et al. (2025) Versatile nitrate-respiring heterotrophs are previously concealed contributors to sulfur cycle. Nature communications, 16(1), 1202.

Li R, et al. (2025) Photosymbiosis shaped animal genome architecture and gene evolution as revealed in giant clams. Communications biology, 8(1), 7.

Zhang R, et al. (2025) Molecular Phylogenetic Relationships Based on Mitogenomes of Spider: Insights Into Evolution and Adaptation to Extreme Environments. Ecology and evolution, 15(1), e70774.

Fang Y, et al. (2025) Genome-resolved year-round dynamics reveal a broad range of giant virus microdiversity. mSystems, 10(1), e0116824.

Cerqueira de Araujo A, et al. (2025) Genome sequences of four Ixodes species expands understanding of tick evolution. BMC biology, 23(1), 17.

Xu ZS, et al. (2025) High-throughput analysis of microbiomes in a meat processing facility: are food processing facilities an establishment niche for persisting bacterial communities? Microbiome, 13(1), 25.

French RK, et al. (2025) Diversity and cross-species transmission of viruses in a remote island ecosystem: implications for wildlife conservation. Virus evolution, 11(1), veae113.

Tang L, et al. (2024) Comparative Genomics Reveal Phylogenetic Relationship and Chromosomal Evolutionary Events of Eight Cervidae Species. Animals: an open access journal from MDPI, 14(7).

Dong H, et al. (2024) The Toxoplasma monocarboxylate transporters are involved in the metabolism within the apicoplast and are linked to parasite survival. eLife, 12.

Duan C, et al. (2024) Diversity of Bathyarchaeia viruses in metagenomes and virus-encoded CRISPR system components. ISME communications, 4(1), ycad011.

Tamura T, et al. (2024) Virological characteristics of the SARS-CoV-2 Omicron XBB.1.5 variant. Nature communications, 15(1), 1176.

Ji J, et al. (2024) Diverse RNA viruses in the venom-related microenvironment of different animal phyla. Virus evolution, 10(1), veae024.

Johnson MD, et al. (2024) Large attachment organelle mediates interaction between Nanobdellota archaeon YN1 and its host. The ISME journal, 18(1).

Meng K, et al. (2024) The plastome and phylogenetic status of Cotoneaster rosiflorus (Rosaceae). Mitochondrial DNA. Part B, Resources, 9(8), 949.

Mwandira W, et al. (2024) A study of bacteria producing carbonic anhydrase enzyme for CaCO3 precipitation and soil biocementation. Environmental science and pollution research international, 31(33), 45818.

Tan S, et al. (2024) Exploring the Origins and Evolution of Oxygenic and Anoxygenic Photosynthesis in Deeply Branched Cyanobacteriota. Molecular biology and evolution, 41(8).

Gable SM, et al. (2024) Differential Conservation and Loss of Chicken Repeat 1 (CR1) Retrotransposons in Squamates Reveal Lineage-Specific Genome Dynamics Across Reptiles. Genome biology and evolution, 16(8).

Rüscher D, et al. (2024) Symplasmic phloem loading and subcellular transport in storage roots are key factors for carbon allocation in cassava. Plant physiology, 196(2), 1322.