

# Resource Summary Report

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## Trinity

RRID:SCR\_013048

Type: Tool

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### Proper Citation

Trinity (RRID:SCR\_013048)

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### Resource Information

**URL:** <http://trinityrnaseq.sourceforge.net/>

**Proper Citation:** Trinity (RRID:SCR\_013048)

**Description:** Software for the efficient and robust de novo reconstruction of transcriptomes from RNA-seq data.

**Abbreviations:** Trinity

**Resource Type:** software resource

**Defining Citation:** [DOI:10.1038/nbt.1883](https://doi.org/10.1038/nbt.1883)

**Keywords:** bio.tools

**Funding:**

**Resource Name:** Trinity

**Resource ID:** SCR\_013048

**Alternate IDs:** biotools:trinity, OMICS\_01327

**Alternate URLs:** <https://bio.tools/trinity>, <https://sources.debian.org/src/trinityrnaseq/>

**Record Creation Time:** 20220129T080314+0000

**Record Last Update:** 20250410T070327+0000

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### Ratings and Alerts

No rating or validation information has been found for Trinity.

No alerts have been found for Trinity.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 8799 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Xie YJ, et al. (2025) Phylotranscriptomics resolved phylogenetic relationships and divergence time between 20 golden camellia species. *Scientific reports*, 15(1), 699.

Gomaa F, et al. (2025) Array of metabolic pathways in a kleptoplastidic foraminiferan protist supports chemoautotrophy in dark, euxinic seafloor sediments. *The ISME journal*, 19(1).

Ji XY, et al. (2025) Interspecific allelopathic interaction primes direct and indirect resistance in neighboring plants within agroforestry systems. *Plant communications*, 6(1), 101173.

Ko WH, et al. (2025) Genome-wide statistical evidence elucidates candidate factors of life expectancy in dogs. *Molecules and cells*, 48(1), 100162.

Sun J, et al. (2025) Concurrent severe fever with thrombocytopenia syndrome virus outbreaks on multiple fox farms, China, 2023. *Emerging microbes & infections*, 14(1), 2447610.

Hsieh LC, et al. (2025) Transcriptomic and enzymatic analysis of peroxidase families at the early growth stage of halophyte ice plant (*Mesembryanthemum crystallinum* L.) under salt stress. *Botanical studies*, 66(1), 5.

Liu S, et al. (2025) Chromosome-level genome assembly and annotation of Japanese anchovy (*Engraulis japonicus*). *Scientific data*, 12(1), 134.

Wang M, et al. (2025) Molecular Mechanisms Underlying Substance Transport, Signal Transduction, and Anti-Stress Regulation, as Well as Anti-Alkaline Regulation via Bursicon in the Cerebral Ganglion of Chinese Mitten Crab *Eriocheir sinensis* Under Alkaline Stress. *Biology*, 14(1).

Zhang Y, et al. (2025) Chromosome-level genome assembly of black carp *Mylopharyngodon piceus* using Nanopore and Hi-C technologies. *Scientific data*, 12(1), 145.

Vysakh VG, et al. (2025) De novo transcriptome assembly of the *Perna viridis*: A novel invertebrate model for ecotoxicological studies. *Scientific data*, 12(1), 147.

Cassidy LM, et al. (2025) Continental influx and pervasive matrilocality in Iron Age Britain. *Nature*, 637(8048), 1136.

Hyeon JY, et al. (2025) Clock Gene Expression in Eel Retina and Hypothalamus: Response to Photoperiod and Moonlight. *Journal of experimental zoology. Part A, Ecological and integrative physiology*, 343(1), 81.

Yüzbaşıoğlu Ü, et al. (2025) Assessment of Cervical Joint Position Sense and Head Posture in Individuals With Myogenic Temporomandibular Dysfunctions and Identifying Related Factors: A Case-Control Study. *Journal of oral rehabilitation*, 52(2), 160.

Keogh SM, et al. (2025) Secondary contact erodes Pleistocene diversification in a wide-ranging freshwater mussel (*Quadrula*). *Molecular ecology*, 34(1), e17572.

Choi S, et al. (2025) Chromosome-level genome assembly of *Salvia sclarea*. *Scientific data*, 12(1), 14.

Sun J, et al. (2025) The expansion and loss of specific olfactory genes in relatives of parasitic lice, the stored-product psocids (Psocodea: Liposcelididae). *BMC genomics*, 26(1), 41.

Nurhidayat L, et al. (2025) Tokay gecko tail regeneration involves temporally collinear expression of HOXC genes and early expression of satellite cell markers. *BMC biology*, 23(1), 6.

Li N, et al. (2025) Chromosome-scale genome assembly of three-spotted seahorse (*Hippocampus trimaculatus*) with a unique karyotype. *Scientific data*, 12(1), 49.

Mallik R, et al. (2025) Investigating the Impact of Whole-Genome Duplication on Transposable Element Evolution in Teleost Fishes. *Genome biology and evolution*, 17(1).

Ding Z, et al. (2025) Chromosome-level genome assembly of *Fistularia commersonii* (Synognathiformes, Fistulariidae). *Scientific data*, 12(1), 118.