

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

Trinity

RRID:SCR_013048

Type: Tool

Proper Citation

Trinity (RRID:SCR_013048)

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

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: 20260905T132731+0000

Ratings and Alerts

No rating or validation information has been found for Trinity.

No alerts have been found for Trinity.

Data and Source Information

Usage and Citation Metrics

We found 10043 mentions in open access literature.

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

Rock AQ, et al. (2026) Totipotency and high plasticity in an embryo with an invariant, fate-specifying cleavage program. *Current biology : CB*, 36(6), 1410.

Swift SZ, et al. (2026) Integration of Short- and Long-Read RNA Sequencing Enables the Discovery of Circular RNAs. *Cancer research*, 86(5), 1300.

Park J, et al. (2026) Innate immune priming by n-dodecyl- β -D-maltoside in murine models of bacterial and viral infection. *EBioMedicine*, 124, 106143.

Lv Y, et al. (2026) Transcriptomic insights into the immunological similarities and differences among the spleen, head kidney, and trunk kidney in *Hemibarbus Labeo*. *BMC genomics*, 27(1).

Ríos-Ortiz A, et al. (2026) Integrative transcriptomic and physiological assessment of nanoencapsulated carvacrol and thymol oil as an antioxidant in thermal-stressed white shrimp (*Litopenaeus vannamei*). *Veterinary research communications*, 50(2), 126.

Li J, et al. (2026) A telomere-to-telomere genome assembly for *Cyperus difformis*. *Scientific data*, 13(1), 257.

Barba de la Rosa AP, et al. (2026) Transcriptome and metabolite profiles reveal differential molecular responses of wild and cultivated amaranth species to water deficit and salt stress. *Planta*, 263(3), 59.

Tan K, et al. (2026) Near-complete genome assembly of a transformation-efficient elite inbred line LH244 and its comparison with B73. *Journal of integrative plant biology*, 68(2), 366.

Witkowski RJ, et al. (2026) A Volatile Cue From a Specialist Herbivore Primes Gene Expression Against Biotic Stress in Tall Goldenrod (*Solidago altissima* L.). *Plant, cell & environment*, 49(3), 1424.

Hu L, et al. (2026) High-Resolution Genomic Resources for Trait Mapping and Precision Breeding for Adzuki Bean (*Vigna angularis*). *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(4), e07157.

Xiang H, et al. (2026) Predominant mutated non-canonical tumor-specific antigens identified by proteogenomics demonstrate immunogenicity and tumor suppression in CRC. *Cell genomics*, 6(1), 101062.

Mu Y, et al. (2026) Hormonal dynamics and transcriptomic regulatory mechanisms during seed dormancy release in *Aconitum kusnezoffii*. *PloS one*, 21(2), e0340761.

Sun D, et al. (2026) Chromosome-level genome assembly of the social amoeba *Heterostelium pallidum*. *Scientific data*, 13(1).

Wei X, et al. (2026) Genetic Control of Tissue Remodeling by a Non-Coding SNP in ITGA8 Explains Carotenoid-Based Color Polymorphism in Marine Mollusks. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(27), e20527.

Yu H, et al. (2026) Chromosome-level genome assembly of the Leopard Wrasse *Macropharyngodon Meleagris*. *Scientific data*, 13(1).

Lim J, et al. (2026) Rewiring Steroidal Metabolic Pathways for Diosgenin Production in *Solanum nigrum*. *Plant biotechnology journal*, 24(5), 3032.

Mantzana-Oikonomaki V, et al. (2026) Pigments, Chromatophore Structure, and Gene Expression Underlying Colour Polytypy of a Panamanian Poison Frog. *Molecular ecology*, 35(1), e70214.

Pfeifer M, et al. (2026) High-quality haplotype-resolved genome assembly and annotation of *Malus baccata* 'Jackii'. *Scientific data*, 13(1), 14.

Allen GJP, et al. (2026) Neurometabolic rewiring in squid (*Sepioteuthis lessoniana*) optic lobes drives behavioral plasticity and visual integration under environmental acidification. *Communications biology*, 9(1), 229.

Ma Y, et al. (2026) Transcriptomic differences in immune- and stress-related pathways associated with artificial rearing in the endangered hog deer (*Axis porcinus*). *BMC genomics*, 27(1), 196.