

Resource Summary Report

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TBtools

RRID:SCR_023018

Type: Tool

Proper Citation

TBtools (RRID:SCR_023018)

Resource Information

URL: <https://github.com/CJ-Chen/TBtools-Manual>

Proper Citation: TBtools (RRID:SCR_023018)

Description: Software integrative toolkit developed for interactive analyses of big biological data.

Synonyms: Tools for Biologist

Resource Type: software toolkit, software resource

Keywords: interactive analyses, big biological data

Availability: Free, Available for download, Freely available

Resource Name: TBtools

Resource ID: SCR_023018

License: MIT License

Record Creation Time: 20221130T050154+0000

Record Last Update: 20260810T040830+0000

Ratings and Alerts

No rating or validation information has been found for TBtools.

No alerts have been found for TBtools.

Data and Source Information

Usage and Citation Metrics

We found 1297 mentions in open access literature.

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

Wang H, et al. (2026) Genome-wide analysis of flax bZIP genes using a T2T genome reveals abiotic stress roles. *iScience*, 29(2), 114671.

Ren H, et al. (2026) Genome-wide identification of the BBX gene family in kiwifruit and analysis of its expression responses to multiple types of stress. *BMC genomics*, 27(1), 110.

Xu M, et al. (2026) Telomere to telomere level genome assembly of the Yarkand hare (*Lepus yarkandensis*). *Scientific data*, 13(1).

Yang X, et al. (2026) Knockout of aminopeptidase N3 confers resistance to low concentrations of *Bacillus thuringiensis* Cry4Ba protoxin in *Aedes aegypti*. *Parasites & vectors*, 19(1).

He T, et al. (2026) Multi-omics analysis *Taiwanofungus gaoligongensis* fermentation with traditional Chinese medicine. *AMB Express*, 16(1).

Pan L, et al. (2026) Genome-wide identification and expression analysis *Pvrboh* genes reveal their potential roles in salt tolerance and calcium signaling. *Plant & cell physiology*, 67(1), 8.

Zhao JJ, et al. (2026) The *PtrC2H2.2-6-PtrCYP86A7/A8* Module Regulates Poplar Drought Tolerance Through Mediating Cutin and Wax Biosynthesis Pathways. *Plant biotechnology journal*, 24(3), 1428.

Dong W, et al. (2026) PHR-Mediated Pi Starvation Response Mobile Messenger RNAs Represent Noncoding Transcripts in Recipient Tissues. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(4), e02911.

Liu J, et al. (2026) Transcriptome-based identification of the *WRKY* gene family in *Polygala tenuifolia* Willd. and their response to cold stress. *BMC plant biology*, 26(1).

Zhang X, et al. (2026) Comprehensive Genome-Wide Analysis of the AP2/ERF Transcription Factor Family and Examination of Potential Regulators *CpERF140* and *CpERF138* in the Biosynthesis of Lobetyolin in *Codonopsis pilosula*. *Plants* (Basel, Switzerland), 15(4).

Chen R, et al. (2026) Cloning, Expression and Functional Study of *OfCOR27* Gene in *Osmanthus fragrans*. *Plants* (Basel, Switzerland), 15(4).

Zhou H, et al. (2026) Genome-Wide Analysis of the *YUCCA* Gene Family in Wheat and the Potential Roles of *TaYUCCA19* and Its Homologs in Male Reproductive Development. *Plants* (Basel, Switzerland), 15(4).

Chen D, et al. (2026) Genome-wide identification, evolutionary diversification and developmental expression of the Sox gene family in three brachyuran crabs. *BMC genomics*, 27(1).

Wei YM, et al. (2026) Comparative Chloroplast Genome Analyses Reveal a Fine-Scale Phylogenetic Framework and Cryptic Diversity in the *Fagopyrum dibotrys* Complex (Polygonaceae). *Genes*, 17(2).

Cao Y, et al. (2026) OsTIP3;1 regulates rice seed germination via aleurone layer lipid metabolism: a transcriptome analysis. *Frontiers in plant science*, 17, 1754622.

Liu X, et al. (2026) Ethanol perturbs cell wall and membrane homeostasis in *Wickerhamomyces anomalus*. *Biotechnology for biofuels and bioproducts*, 19(1).

Zhang D, et al. (2026) Genome-wide identification and expression analysis of RBR-type ubiquitin ligase family genes reveal the role of ZmIBR10 in maize disease resistance. *BMC plant biology*, 26(1).

Ma Y, et al. (2026) Identification of E2F/DP gene family and their expression analysis under cold stress in rice. *Frontiers in plant science*, 17, 1750382.

Wang H, et al. (2026) Metabolic Reprogramming of a Phenolic Acid by a Plant P450 Monooxygenase Reverses Bacterial Immunosuppression. *Plant biotechnology journal*, 24(7), 4672.

Wang M, et al. (2026) Genome-wide identification, expression analysis of the JmjC gene family in tobacco and functional characterization of NtJM19 role in nicotine biosynthesis. *BMC plant biology*, 26(1).