Resource Summary Report

Generated by kravitz2 on Aug 9, 2026

TryTripDB

RRID:SCR_028607
Type: Tool

Proper Citation

TryTripDB (RRID:SCR_028607)

Resource Information

URL: https://tritrypdb.org/tritrypdb/app

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Description: Free online resource for data mining of genomic and functional data from these kinetoplastid parasites and is part of the VEuPathDB Bioinformatics Resource Center. Integrates functional genome scale datasets (e.g. transcript expression, protein expression, genetic variation data) and information predicted from automated bioinformatics pipelines and from manual curation. Provides a user friendly web interface and a number of tools and functions for users to conduct in silico experiments to ask questions and generate hypotheses. Researchers can also contribute their expertise via the User Comments form and Apollo annotation platform, and utilize cloud-based workspace to analyze their own data.

Resource Type: database, data or information resource

Defining Citation: PMID:36656904

Keywords: data mining, genomic data, functional data, kinetoplastid parasites,

Funding: NIAID ;
Wellcome Trust

Availability: Free, Freely available

Resource Name: TryTripDB

Resource ID: SCR_028607

Record Creation Time: 20260625T043312+0000

Record Last Update: 20260808T190832+0000

Ratings and Alerts

No rating or validation information has been found for TryTripDB.

No alerts have been found for TryTripDB.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Silva HGS, et al. (2026) Remodeling of tRNA modification in Trypanosoma cruzi life forms. PLoS pathogens, 22(5), e1014249.

Ospina C, et al. (2025) Comparative transcriptomics of naturally susceptible and resistant Trypanosoma cruzi strains in response to Benznidazole. International journal for parasitology. Drugs and drug resistance, 29, 100623.

Sharif M, et al. (2025) Multifunctional roles of Sec13 paralogues in the euglenozoan Trypanosoma brucei. Open biology, 15(2), 240324.

Kumar K, et al. (2025) Apoptotic proteins in Leishmania donovani: in silico screening, modeling, and validation by knock-out and gene expression analysis. Parasite (Paris, France), 32, 9.

Saenz-Garcia JL, et al. (2025) Kharon Is Crucial for Trypanosoma cruzi Morphology but Does Not Impair In Vitro Infection. Pathogens (Basel, Switzerland), 14(4).

Kostygov AY, et al. (2024) Comprehensive analysis of the Kinetoplastea intron landscape reveals a novel intron-containing gene and the first exclusively trans-splicing eukaryote. BMC biology, 22(1), 281.

Bachmaier S, et al. (2023) Novel kinetoplastid-specific cAMP binding proteins identified by RNAi screening for cAMP resistance in Trypanosoma brucei. Frontiers in cellular and infection microbiology, 13, 1204707.

Gabaldón-Figueira JC, et al. (2023) State-of-the-Art in the Drug Discovery Pathway for Chagas Disease: A Framework for Drug Development and Target Validation. Research and reports in tropical medicine, 14, 1.

Andrade-Alviárez D, et al. (2022) Delineating transitions during the evolution of specialised peroxisomes: Glycosome formation in kinetoplastid and diplonemid protists. Frontiers in cell and developmental biology, 10, 979269.

Zabala-Peñafiel A, et al. (2022) Novel Insights Into Leishmania (Viannia) braziliensis In Vitro Fitness Guided by Temperature Changes Along With Its Subtilisins and Oligopeptidase B. Frontiers in cellular and infection microbiology, 12, 805106.

San Francisco J, et al. (2022) Trypanosoma cruzi pathogenicity involves virulence factor expression and upregulation of bioenergetic and biosynthetic pathways. Virulence, 13(1), 1827.

Porta EOJ, et al. (2022) Discovery of Leishmania Druggable Serine Proteases by Activity-Based Protein Profiling. Frontiers in pharmacology, 13, 929493.

Shikha S, et al. (2022) Identification and Validation of Toxoplasma gondii Mitoribosomal Large Subunit Components. Microorganisms, 10(5).

da Silva RB, et al. (2021) Specific Human ATR and ATM Inhibitors Modulate Single Strand DNA Formation in Leishmania major Exposed to Oxidative Agent. Frontiers in cellular and infection microbiology, 11, 802613.