Resource Summary Report

Generated by T1D on Aug 5, 2026

GeneDB

RRID:SCR_002774
Type: Tool

Proper Citation

GeneDB (RRID:SCR_002774)

Resource Information

URL: http://www.genedb.org/Homepage

Proper Citation: GeneDB (RRID:SCR_002774)

Description: Database of genomes at various stages of completion, from early access to partial genomes with automatic annotation through to complete genomes with extensive manual curation. Its primary goals are: 1) to provide reliable access to the latest sequence data and annotation/curation for the whole range of organisms sequenced by the Pathogen group, and 2) to develop the website and other tools to aid the community in accessing and obtaining the maximum value from these data.

Abbreviations: GDB, GeneDB

Synonyms: GDB, Gene DB

Resource Type: data set, training resource, workshop, database, data or information resource

Defining Citation: PMID:14681429

Keywords: schizosaccharomyces, pombe, leishmania, major, trypanosoma, brucei, functional, genomics, proteomics, apicomplexan, protozoa, kinetoplastid, parasitic, helminths, bacteria, parasite vector, virus, FASEB list

Funding: Wellcome Trust

Availability: Free

Resource Name: GeneDB

Resource ID: SCR_002774

Alternate IDs: nif-0000-02880, r3d100010626

Alternate URLs: https://doi.org/10.17616/R31C8X

Old URLs: http://old.genedb.org/, http://www.gdb.org/

Record Creation Time: 20220129T080215+0000

Record Last Update: 20260805T044044+0000

Ratings and Alerts

No rating or validation information has been found for GeneDB.

No alerts have been found for GeneDB.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 429 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Gaertner Z, et al. (2025) Molecular and spatial transcriptomic classification of midbrain dopamine neurons and their alterations in a LRRK2G2019S model of Parkinson's disease. eLife, 13.

Merski M, et al. (2025) Molecular docking to homology models of human and Trypanosoma brucei ERK8 that identified ortholog-specific inhibitors. PLoS neglected tropical diseases, 19(9), e0013487.

Lucky AB, et al. (2025) GCN5 Is a Master Regulator of Gene Expression in the Malaria Parasite Plasmodium falciparum. Cells, 14(12).

Bhattacharyya A, et al. (2025) The potential of Leishmania donovani Aurora kinase in the diagnosis of Indian and Brazilian visceral leishmaniasis patients. Microbiology spectrum, 13(6), e0324724.

Park MJ, et al. (2024) Genome-wide identification of histone lysine methyltransferases and their implications in the epigenetic regulation of eggshell formation-related genes in a trematode parasite Clonorchis sinensis. Parasites, hosts and diseases, 62(1), 98.

Kim J, et al. (2024) Prostaglandin synthase activity of sigma- and mu-class glutathione transferases in a parasitic trematode, Clonorchis sinensis. Parasites, hosts and diseases, 62(2), 205.

Albuquerque-Melo BC, et al. (2024) Assessing proteases and enzymes of the trypanothione system in subpopulations of Leishmania (Viannia) braziliensis Thor strain during macrophage infection. Memorias do Instituto Oswaldo Cruz, 119, e240038.

Lucky AB, et al. (2023) A type II protein arginine methyltransferase regulates merozoite invasion in Plasmodium falciparum. Communications biology, 6(1), 659.

Lucky AB, et al. (2023) Plasmodium falciparum GCN5 plays a key role in regulating artemisinin resistance-related stress responses. bioRxiv : the preprint server for biology.

Lucky AB, et al. (2023) Plasmodium falciparum GCN5 plays a key role in regulating artemisinin resistance-related stress responses. Antimicrobial agents and chemotherapy, 67(10), e0057723.

Lucky AB, et al. (2023) Characterization of the dual role of Plasmodium falciparum DNA methyltransferase in regulating transcription and translation. Nucleic acids research, 51(8), 3918.

Toh JY, et al. (2023) Two cold shock domain containing proteins trigger the development of infectious Trypanosoma brucei. PLoS pathogens, 19(6), e1011438.

Gomes AR, et al. (2022) A transcriptional switch controls sex determination in Plasmodium falciparum. Nature, 612(7940), 528.

Zhu L, et al. (2022) Artemisinin resistance in the malaria parasite, Plasmodium falciparum, originates from its initial transcriptional response. Communications biology, 5(1), 274.

Paloque L, et al. (2022) Mutation in the Plasmodium falciparum BTB/POZ Domain of K13 Protein Confers Artemisinin Resistance. Antimicrobial agents and chemotherapy, 66(1), e0132021.

Talavera-López C, et al. (2021) Repeat-Driven Generation of Antigenic Diversity in a Major Human Pathogen, Trypanosoma cruzi. Frontiers in cellular and infection microbiology, 11, 614665.

Herz M, et al. (2021) Serotonin stimulates Echinococcus multilocularis larval development. Parasites & vectors, 14(1), 14.

Little TS, et al. (2021) Analysis of pir gene expression across the Plasmodium life cycle. Malaria journal, 20(1), 445.

Barbosa MMF, et al. (2021) Optimization of Expression and Purification of Schistosoma mansoni Antigens in Fusion with Rhizavidin. Molecular biotechnology, 63(11), 983.

Abreu FC, et al. (2021) Differential expression profiles of miRNAs and their putative targets in Schistosoma mansoni during its life cycle. Memorias do Instituto Oswaldo Cruz, 116, e200326.