## **Resource Summary Report**

Generated by <u>NIF</u> on May 16, 2025

# **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:** training resource, data set, data or information resource, database, workshop

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

Resource Name: GeneDB

Resource ID: SCR\_002774

Alternate IDs: nif-0000-02880

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

**Record Creation Time:** 20220129T080215+0000

Record Last Update: 20250516T053644+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: <u>SciCrunch Registry</u>

### **Usage and Citation Metrics**

We found 425 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

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.

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.

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.

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

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.

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.

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

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.

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

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.

Bandini G, et al. (2021) An essential, kinetoplastid-specific GDP-Fuc: ?-D-Gal ?-1,2-fucosyltransferase is located in the mitochondrion of Trypanosoma brucei. eLife, 10.

Oberstaller J, et al. (2021) Integration of population and functional genomics to understand mechanisms of artemisinin resistance in Plasmodium falciparum. International journal for parasitology. Drugs and drug resistance, 16, 119.

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

Zabala-Peñafiel A, et al. (2021) Serine proteases profiles of Leishmania (Viannia) braziliensis clinical isolates with distinct susceptibilities to antimony. Scientific reports, 11(1), 14234.

Miao J, et al. (2021) A unique GCN5 histone acetyltransferase complex controls erythrocyte invasion and virulence in the malaria parasite Plasmodium falciparum. PLoS pathogens, 17(8), e1009351.