

# Resource Summary Report

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## Ensembl Protists

RRID:SCR\_013154

Type: Tool

### Proper Citation

Ensembl Protists (RRID:SCR\_013154)

### Resource Information

**URL:** <http://protists.ensembl.org>

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**Description:** The Ensembl Genomes project produces genome databases for important species from across the taxonomic range, using the Ensembl software system. Five sites are now available, one of which is Ensembl Protists, which houses protists species.

**Sponsors:** EnsemblProtists is a project run by EMBL - EBI to maintain annotation on selected genomes, based on the software developed in the Ensembl project developed jointly by the EBI and the Wellcome Trust Sanger Institute.

**Synonyms:** EnsemblProtists

**Resource Type:** data or information resource, database

**Keywords:** database, genome, protist, software, specie, taxonomic

**Resource Name:** Ensembl Protists

**Resource ID:** SCR\_013154

**Alternate IDs:** r3d100011200, nif-0000-33712

**Record Creation Time:** 20220129T080314+0000

**Record Last Update:** 20260729T044311+0000

### Ratings and Alerts

No rating or validation information has been found for Ensembl Protists.

No alerts have been found for Ensembl Protists.

### Data and Source Information

## Usage and Citation Metrics

We found 44 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Muro EM, et al. (2025) The emergence of eukaryotes as an evolutionary algorithmic phase transition. *Proceedings of the National Academy of Sciences of the United States of America*, 122(13), e2422968122.

Zhai R, et al. (2025) Identification, characterization, and function analysis of the VIT family in *Phaeodactylum tricornutum*. *Scientific reports*, 15(1), 10492.

Giustini C, et al. (2025) A Mitochondrially Related Plastidial Transporter Regulates Photosynthesis in the Diatom *Phaeodactylum tricornutum*. *Physiologia plantarum*, 177(6), e70640.

Dyer SC, et al. (2025) Ensembl 2025. *Nucleic acids research*, 53(D1), D948.

Davila-Velderrain J, et al. (2025) Voltage-gated ion channel diversity underlies neuronal excitability and nervous system evolution. *Nature communications*, 16(1), 11534.

Yang SM, et al. (2025) Localization of heme biosynthesis in the diatom *Phaeodactylum tricornutum* and differential expression of multi-copy enzymes. *Frontiers in plant science*, 16, 1537037.

Okafor A, et al. (2025) Transcriptome analysis reveals a de novo DNA element that may interact with chromatin-associated proteins in *Plasmodium berghei* during erythrocytic development. *Scientific reports*, 15(1), 18621.

Dias HM, et al. (2024) TH11 Gene Evolutionary Trends: A Comprehensive Plant-Focused Assessment via Data Mining and Large-Scale Analysis. *Genome biology and evolution*, 16(10).

Vo NNT, et al. (2024) Transcription factor binding specificities of the oomycete *Phytophthora infestans* reflect conserved and divergent evolutionary patterns and predict function. *BMC genomics*, 25(1), 710.

Reinar WB, et al. (2024) Short tandem repeats delineate gene bodies across eukaryotes. *Nature communications*, 15(1), 10902.

Wu Y, et al. (2023) A Whole-Genome Assembly for *Hyaloperonospora parasitica*, A Pathogen Causing Downy Mildew in Cabbage (*Brassica oleracea* var. *capitata* L.). *Journal of fungi* (Basel, Switzerland), 9(8).

Jacques F, et al. (2023) Roadmap to the study of gene and protein phylogeny and evolution-A practical guide. *PloS one*, 18(2), e0279597.

Debit A, et al. (2023) Differential expression patterns of long noncoding RNAs in a pleiomorphic diatom and relation to hyposalinity. *Scientific reports*, 13(1), 2440.

Yates AD, et al. (2022) Ensembl Genomes 2022: an expanding genome resource for non-vertebrates. *Nucleic acids research*, 50(D1), D996.

Erdene-Ochir E, et al. (2021) Characterization of endogenous promoters of GapC1 and GS for recombinant protein expression in *Phaeodactylum tricornutum*. *MicrobiologyOpen*, 10(5), e1239.

Xu JJ, et al. (2021) A unique flavoenzyme operates in ubiquinone biosynthesis in photosynthesis-related eukaryotes. *Science advances*, 7(50), eabl3594.

García-Catalán S, et al. (2021) Ca<sup>2+</sup>-regulated mitochondrial carriers of ATP-Mg<sup>2+</sup>/Pi: Evolutionary insights in protozoans. *Biochimica et biophysica acta. Molecular cell research*, 1868(7), 119038.

van Tol HM, et al. (2021) Genome-scale metabolic model of the diatom *Thalassiosira pseudonana* highlights the importance of nitrogen and sulfur metabolism in redox balance. *PloS one*, 16(3), e0241960.

Balestra AC, et al. (2020) A divergent cyclin/cyclin-dependent kinase complex controls the atypical replication of a malaria parasite during gametogony and transmission. *eLife*, 9.

Jaijyan DK, et al. (2020) Establishment of a stable transfection method in *Babesia microti* and identification of a novel bidirectional promoter of *Babesia microti*. *Scientific reports*, 10(1), 15614.