

Resource Summary Report

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Ensembl

RRID:SCR_002344

Type: Tool

Proper Citation

Ensembl (RRID:SCR_002344)

Resource Information

URL: <http://www.ensembl.org/>

Proper Citation: Ensembl (RRID:SCR_002344)

Description: Collection of genome databases for vertebrates and other eukaryotic species with DNA and protein sequence search capabilities. Used to automatically annotate genome, integrate this annotation with other available biological data and make data publicly available via web. Ensembl tools include BLAST, BLAT, BioMart and the Variant Effect Predictor (VEP) for all supported species.

Synonyms: ENSEMBL

Resource Type: database, data or information resource

Defining Citation: [PMID:24316576](#), [PMID:23203987](#)

Keywords: collection, genome, dataset, database, vertebrate, eukaryotic, DNA, protein, sequence, search, automaticly, annotate, data, bio.tools, FASEB list

Funding: Wellcome Trust ;

EMBL ;

European Union ;

FP7 ;

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NHGRI ;

BBSRC

Resource Name: Ensembl

Resource ID: SCR_002344

Alternate IDs: nif-0000-21145, OMICS_01647, biotools:ensembl, r3d100010228

Alternate URLs: <https://bio.tools/ensembl>, <https://sources.debian.org/src/ensembl/>, <https://doi.org/10.17616/R39K5B>

License: Apache License v2

Record Creation Time: 20220129T080212+0000

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Ratings and Alerts

No rating or validation information has been found for Ensembl.

No alerts have been found for Ensembl.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11652 mentions in open access literature.

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

Vaishnav J, et al. (2026) Amiodarone disrupts thyroid hormone signaling networks governing early heart development in the chick embryo. General and comparative endocrinology, 376, 114871.

Leban T, et al. (2026) Multiomics Data Synthesis of FAM83H in Amelogenesis Imperfecta. International dental journal, 76(1), 109293.

Ncir WB, et al. (2026) First LDLRAP1 and Recurrent LDLR Mutations in Tunisian Families With Familial Hypercholesterolemia. Journal of cellular and molecular medicine, 30(1), e70997.

Zhao XC, et al. (2026) Unexpectedly high levels of normally spliced transcripts from the pathogenic SLC10A7 alleles in a recessive form of skeletal dysplasia. HGG advances, 7(1), 100545.

Nguyen JH, et al. (2025) Developmental pyrethroid exposure disrupts molecular pathways for MAP kinase and circadian rhythms in mouse brain. Physiological genomics, 57(4), 240.

Kun E, et al. (2025) The trait-specific timing of accelerated genomic change in the human lineage. Cell genomics, 5(1), 100740.

Sato S, et al. (2025) Establishing a comprehensive panel of patient-derived xenograft models for high-grade endometrial carcinoma: molecular subtypes, genetic alterations, and therapeutic target profiling. Neoplasia (New York, N.Y.), 64, 101158.

Lecointre M, et al. (2025) HPV16-Expressing Tumors Release Multiple IL1 Ligands to Orchestrate Systemic Immunosuppression Whose Disruption Enables Efficacy of a Therapeutic Vaccine. *Cancer discovery*, 15(7), 1458.

Torres-Mejia E, et al. (2025) Lung Cancer-Intrinsic SOX2 Expression Mediates Resistance to Checkpoint Blockade Therapy by Inducing Treg-Dependent CD8+ T-cell Exclusion. *Cancer immunology research*, 13(4), 496.

Respekta-Dugosz N, et al. (2025) Integrated Transcriptomic and Proteomic Analysis of Omentin-1 Effects on Primary Anterior Pituitary Cells From Different Pig Breeds: An In Vitro Study. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(19), e71081.

Ver Heul AM, et al. (2025) RAG suppresses group 2 innate lymphoid cells. *eLife*, 13.

Berger AH, et al. (2025) High-resolution transcriptional impact of AIRE: effects of pathogenic variants p.Arg257Ter, p.Cys311Tyr, and polygenic risk variant p.Arg471Cys. *Frontiers in immunology*, 16, 1572789.

Kobayashi H, et al. (2025) Neuro-Mesenchymal Interaction Mediated by a α 2-Adrenergic Nerve Growth Factor Feedforward Loop Promotes Colorectal Cancer Progression. *Cancer discovery*, 15(1), 202.

Grimm SL, et al. (2025) CA-125 as a Biomarker in Renal Medullary Carcinoma: Integrated Molecular Profiling, Functional Characterization, and Prospective Clinical Validation. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(6), 1057.

Turner LA, et al. (2025) Differences in gene expression between high and low tolerance rainbow trout (*Oncorhynchus mykiss*) to acute thermal stress. *PloS one*, 20(1), e0312694.

Lim SH, et al. (2025) Determinants of Response to Sequential Pembrolizumab with Trastuzumab plus Platinum/5-FU in HER2-Positive Gastric Cancer: A Phase II Chemoimmunotherapy Trial. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(8), 1476.

Beckner ME, et al. (2025) Cell Settling, Migration, and Stochastic Cancer Gene Expression Suggest Potassium Membrane Flux May Initiate pH Reversal. *Biomolecules*, 15(8).

Mendes EA, et al. (2025) RUNX2 inhibition disrupts a PAX3::FOXO1-RUNX2 feed-forward loop and dismantles oncogenic gene programs in fusion-positive rhabdomyosarcoma. *bioRxiv : the preprint server for biology*.

D'Sa K, et al. (2025) Astrocytic RNA editing regulates the host immune response to alpha-synuclein. *Science advances*, 11(15), eadp8504.

Granda Farias A, et al. (2025) Phenotypic screens for SIRPA expression reveal RAB21 as a general regulator of macrophage surface identity. *Cell reports*, 44(7), 115921.