

Resource Summary Report

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European Bioinformatics Institute

RRID:SCR_004727

Type: Tool

Proper Citation

European Bioinformatics Institute (RRID:SCR_004727)

Resource Information

URL: <http://www.ebi.ac.uk/>

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Description: Non-profit academic organization for research and services in bioinformatics. Provides freely available data from life science experiments, performs basic research in computational biology, and offers user training programme, manages databases of biological data including nucleic acid, protein sequences, and macromolecular structures. Part of EMBL.

Abbreviations: EMBL-EBI

Synonyms: EBI, European Molecular Biology Laboratory - European Bioinformatics Institute

Resource Type: institution

Keywords: organization, academic, bioinformatics, research, service, data, computational, biology, training, database, DNA, protein

Funding: EMBL member states ;
European Union ;
NIH ;
Wellcome Trust ;
UK Research Councils ;
Industry Programme partners ;
BBSRC

Resource Name: European Bioinformatics Institute

Resource ID: SCR_004727

Alternate IDs: grid.225360.0, Wikidata: Q1341845, ISNI: 0000 0000 9709 7726, nlx_72386

Alternate URLs: <https://ror.org/02catss52>

Record Creation Time: 20220129T080226+0000

Record Last Update: 20250410T065206+0000

Ratings and Alerts

No rating or validation information has been found for European Bioinformatics Institute.

No alerts have been found for European Bioinformatics Institute.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3674 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Nguyen MP, et al. (2025) Dynamics of fungal endophytic communities in bilberry (*Vaccinium myrtillus* L.) fruits through development is shaped by host phenolic compounds. *FEMS microbiology ecology*, 101(1).

Koivunen E, et al. (2025) Hypoxia favors tumor growth in colorectal cancer in an integrin $\alpha 5 \beta 1$ /hemoglobin α -dependent manner. *Life science alliance*, 8(2).

Kuric M, et al. (2024) Modeling Myeloma Dissemination In Vitro with hMSC-interacting Subpopulations of INA-6 Cells and Their Aggregation/Detachment Dynamics. *Cancer research communications*, 4(4), 1150.

Mollah MMI, et al. (2024) Ligands of HMG-like dorsal switch protein 1 of *Spodoptera exigua* leads to mortality in diamondback moth, *Plutellaxylostella*. *Heliyon*, 10(6), e27090.

Núñez-Carpintero I, et al. (2024) Rare disease research workflow using multilayer networks elucidates the molecular determinants of severity in Congenital Myasthenic Syndromes. *Nature communications*, 15(1), 1227.

Wehrenberg G, et al. (2024) A reduced SNP panel optimised for non-invasive genetic assessment of a genetically impoverished conservation icon, the European bison. *Scientific*

reports, 14(1), 1875.

Duan QQ, et al. (2024) TBK1, a prioritized drug repurposing target for amyotrophic lateral sclerosis: evidence from druggable genome Mendelian randomization and pharmacological verification in vitro. *BMC medicine*, 22(1), 96.

Yu Y, et al. (2024) Effect of post-traumatic stress disorder on type 2 diabetes and the mediated effect of obesity: a Mendelian randomization study. *Frontiers in endocrinology*, 15, 1375068.

Chang L, et al. (2024) Detection of structural variants linked to mutton flavor and odor in two closely related black goat breeds. *BMC genomics*, 25(1), 979.

Medeiros W, et al. (2024) Unlocking the biosynthetic potential and taxonomy of the Antarctic microbiome along temporal and spatial gradients. *Microbiology spectrum*, 12(6), e0024424.

Asibor YE, et al. (2024) Computational screening of phytochemicals present in some Nigerian medicinal plants against sickle cell disease. *Scientific reports*, 14(1), 26368.

Ryu JS, et al. (2024) Quantitative trait loci analysis for molecular markers linked to agricultural traits of *Pleurotus ostreatus*. *PloS one*, 19(8), e0308832.

Wu F, et al. (2024) The reverse TRBV30 gene of mammals: a defect or superiority in evolution? *BMC genomics*, 25(1), 705.

Forrer P, et al. (2024) Unveiling signaling pathways inducing MHC class II expression in neutrophils. *Frontiers in immunology*, 15, 1444558.

Goodell DJ, et al. (2024) Mechanistic and structural studies reveal NRAP-1-dependent coincident activation of NMDARs. *Cell reports*, 43(2), 113694.

Watson AE, et al. (2024) Target enrichment sequencing coupled with GWAS identifies MdPRX10 as a candidate gene in the control of budbreak in apple. *Frontiers in plant science*, 15, 1352757.

Zhu Q, et al. (2024) Stabilization of Pin1 by USP34 promotes Ubc9 isomerization and protein sumoylation in glioma stem cells. *Nature communications*, 15(1), 40.

Pinto EM, et al. (2024) Multiple TP53 p.R337H haplotypes and implications for tumor susceptibility. *HGG advances*, 5(1), 100244.

Jaeger ACH, et al. (2024) Prolonged water limitation shifts the soil microbiome from copiotrophic to oligotrophic lifestyles in Scots pine mesocosms. *Environmental microbiology reports*, 16(1), e13211.

Gong K, et al. (2024) Intestinal Nogo-B reduces GLP1 levels by binding to proglucagon on the endoplasmic reticulum to inhibit PCSK1 cleavage. *Nature communications*, 15(1), 6845.