Resource Summary Report

Generated by dkNET on Apr 22, 2025

NCBI BioProject

RRID:SCR_004801
Type: Tool

Proper Citation

NCBI BioProject (RRID:SCR_004801)

Resource Information

URL: http://www.ncbi.nlm.nih.gov/bioproject

Proper Citation: NCBI BioProject (RRID:SCR_004801)

Description: Database of biological data related to a single initiative, originating from a single organization or from a consortium. A BioProject record provides users a single place to find links to the diverse data types generated for that project. It is a searchable collection of complete and incomplete (in-progress) large-scale sequencing, assembly, annotation, and mapping projects for cellular organisms. Submissions are supported by a web-based Submission Portal. The database facilitates organization and classification of project data submitted to NCBI, EBI and DDBJ databases that captures descriptive information about research projects that result in high volume submissions to archival databases, ties together related data across multiple archives and serves as a central portal by which to inform users of data availability. BioProject records link to corresponding data stored in archival repositories. The BioProject resource is a redesigned, expanded, replacement of the NCBI Genome Project resource. The redesign adds tracking of several data elements including more precise information about a project""s scope, material, and objectives. Genome Project identifiers are retained in the BioProject as the ID value for a record, and an Accession number has been added. Database content is exchanged with other members of the International Nucleotide Sequence Database Collaboration (INSDC). BioProject is accessible via FTP.

Synonyms: NCBI BioProject Database, BioProject

Resource Type: data or information resource, database

Defining Citation: PMID:22139929

Keywords: genome sequencing, sequencing, genotype, phenotype, sequence variant,

epigenetic, data set, genome, assembly, annotation, mapping, cellular organism, gene mapping, gene expression, biological tag, gene rearrangement, genetic algorithm, genetic code, genetic genealogy, gold standard, bio.tools

Funding: NLM

Availability: Free, Freely available

Resource Name: NCBI BioProject

Resource ID: SCR_004801

Alternate IDs: nlx_143909, biotools:bioproject

Alternate URLs: http://www.ncbi.nlm.nih.gov/genomeprj, https://bio.tools/bioproject

Old URLs: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=search&DB=genomeprj

Record Creation Time: 20220129T080226+0000

Record Last Update: 20250422T055206+0000

Ratings and Alerts

No rating or validation information has been found for NCBI BioProject.

No alerts have been found for NCBI BioProject.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 13174 mentions in open access literature.

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

Lin H, et al. (2025) Metagenome-based diversity and functional analysis of culturable microbes in sugarcane. Microbiology spectrum, 13(1), e0198224.

Candela A, et al. (2025) Multicenter evaluation of Fourier transform infrared (FTIR) spectroscopy as a first-line typing tool for carbapenemase-producing Klebsiella pneumoniae in clinical settings. Journal of clinical microbiology, 63(1), e0112224.

Ngan WY, et al. (2025) A more significant role for insertion sequences in large-scale rearrangements in bacterial genomes. mBio, 16(1), e0305224.

Wei W, et al. (2025) Beclin 1 prevents ISG15-mediated cytokine storms to secure fetal hematopoiesis and survival. The Journal of clinical investigation, 135(3).

Sánchez-Serna G, et al. (2025) Less, but More: New Insights From Appendicularians on Chordate Fgf Evolution and the Divergence of Tunicate Lifestyles. Molecular biology and evolution, 42(1).

Boukhatem A, et al. (2025) Promoting the recovery of soil health in As and Sb-polluted soils: new evidence from the biochar-compost option. Environmental science and pollution research international, 32(2), 559.

Haenni M, et al. (2025) Distinct molecular epidemiology of resistances to extended-spectrum cephalosporins and carbapenems in Enterobacter hormaechei in cats and dogs versus horses in France. The Journal of antimicrobial chemotherapy, 80(2), 567.

Gaikwad KB, et al. (2025) Computational approaches for identifications of altered ion channels in keratoconus. Eye (London, England), 39(1), 145.

Venkatesan A, et al. (2025) Trichuriasis in Human Patients from Côte d'Ivoire Caused by Novel Trichuris incognita Species with Low Sensitivity to Albendazole/Ivermectin Combination Treatment. Emerging infectious diseases, 31(1), 104.

Lu Z, et al. (2025) Coevolution of marine phytoplankton and Alteromonas bacteria in response to pCO2 and coculture. The ISME journal, 19(1).

Schagerl M, et al. (2025) Testing the Purity of Limnospira fusiformis Cultures After Axenicity Treatments. Cells, 14(2).

Obi LU, et al. (2025) Dynamics and Insights into the Unique Ecological Guild of Fungi in Bacteria-Bioaugmented Anaerobic Digesters. Journal of fungi (Basel, Switzerland), 11(1).

Pegoraro FB, et al. (2025) Application of Principal Component Analysis as a Prediction Model for Feline Sporotrichosis. Veterinary sciences, 12(1).

Monecke S, et al. (2025) Characterisation of Staphylococcus aureus Strains and Their Prophages That Carry Horse-Specific Leukocidin Genes lukP/Q. Toxins, 17(1).

Mihara T, et al. (2025) Pemigatinib suppresses liver fibrosis and subsequent osteodystrophy in mice. Hepatology communications, 9(1).

Cao Y, et al. (2025) An interferon-stimulated long non-coding RNA USP30-AS1 as an immune modulator in influenza A virus infection. PLoS pathogens, 21(1), e1012854.

Wu L, et al. (2025) Bioprospecting of a Native Plant Growth-Promoting Bacterium Bacillus cereus B6 for Enhancing Uranium Accumulation by Sudan Grass (Sorghum sudanense

(Piper) Stapf). Biology, 14(1).

Kashchenko G, et al. (2025) Investigating Aerobic Hive Microflora: Role of Surface Microbiome of Apis Mellifera. Biology, 14(1).

Salas-López M, et al. (2025) Human Milk Archaea Associated with Neonatal Gut Colonization and Its Co-Occurrence with Bacteria. Microorganisms, 13(1).

Ren X, et al. (2025) Genomic and Metabolomic Analyses of Streptomyces albulus with Enhanced ?-Poly-l-lysine Production Through Adaptive Laboratory Evolution. Microorganisms, 13(1).