Resource Summary Report

Generated by NIF on Aug 30, 2026

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: r3d100013330, nlx_143909, biotools:bioproject

Alternate URLs: http://www.ncbi.nlm.nih.gov/genomeprj, https://bio.tools/bioproject, https://doi.org/10.17616/R31NJMS2

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

Record Creation Time: 20220129T080226+0000

Record Last Update: 20260829T182936+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 14025 mentions in open access literature.

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

Chen J, et al. (2026) A Genomically Tailored Multiagent Precision Medicine Clinical Trial for Adults with Recurrent Glioblastoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(9), 1652.

Ding C, et al. (2026) Glioblastoma-Secreted C1QL1 Orchestrates Tumor Microtube Expansion and Neural Synaptic Pruning to Drive Malignant Synapse Formation and Recurrence. Cancer discovery, 16(6), 1176.

Yu Q, et al. (2026) Spermidine Secreted by Apoptotic Cells Enhances Chemotherapy Resistance by Modulating ?-Catenin Activity in Osteosarcoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(2), 390.

García-Vicente R, et al. (2026) The Potential of the Gut Microbiota and Butyrate to Enhance CAR T-cell Therapy in Non-Hodgkin Lymphoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(2), 375.

Ishikawa A, et al. (2026) IL-15 and IL-21 synergy improves anti-tumor efficacy of iPSC-derived cytotoxic T cells in solid tumors. Molecular therapy : the journal of the American Society of Gene Therapy.

Kirsche L, et al. (2026) Gut microbial signatures expose the westernized lifestyle of urban Ethiopian children. Communications biology, 9(1).

Kovács P, et al. (2026) Microgravity-induced transcriptional reprogramming in embryonic chicken limb bud-derived chondrogenic cultures. Frontiers in cell and developmental biology, 14, 1746313.

Su L, et al. (2026) Genomic adaptation strategies to habitat switching in Korarchaeota. Science advances, 12(2), eaea1035.

Wang Y, et al. (2026) NMN/NAD+/SIRT1 axis activates NAMPT to ameliorate H2O2-triggered the impairment of progesterone synthesis in ovarian granulosa cells. Journal of ovarian research, 19(1).

Ren T, et al. (2026) scSurvival: Single-Cell Survival Analysis of Clinical Cancer Cohort Data at Cellular Resolution. Cancer discovery, 16(5), 931.

Cui C, et al. (2026) Cis- and Trans-Regulatory Factors Independently Shape Phenotypic Heterogeneity of Retinitis Pigmentosa. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(36), e20828.

Henriquez T, et al. (2026) Establishment and application of a vesicle extraction method for clinical strains of Pseudomonas aeruginosa. Microbiology spectrum, 14(6), e0374625.

Yang S, et al. (2026) Antibiotic exposure exacerbates acute-on-chronic liver failure via gut microbiota imbalance and secondary liver lesion. Journal of medical microbiology, 75(1).

Wang Z, et al. (2026) Cellular landscape and diagnostic value of TROP2 in cerebrospinal fluid of lung adenocarcinoma leptomeningeal metastases. NPJ precision oncology, 10(1).

Yin H, et al. (2026) Shank3B deficiency disrupts GABAergic synaptic transmission in pyramidal neurons of the medial prefrontal cortex region in autism spectrum disorder. Molecular brain, 19(1).

Shew CJ, et al. (2026) Influence of cis-regulatory elements on expression divergence in human segmental duplications. Genome research, 36(7), 1318.

Palmieri L, et al. (2026) Disease exacerbation in human DMD MYOrganoids enables gene therapy evaluation and unveils persistence of fibrotic activity. NPJ Regenerative medicine, 11(1), 2.

Rivarola M, et al. (2026) Chromosome-scale genome assembly of the South American fruit fly, Anastrepha fraterculus sp.1. Insect science, 33(2), 640.

Zhou C, et al. (2026) Neddylation relieves cytoskeletal tension to permit primary cilia formation during mouse decidualization. Cell communication and signaling : CCS, 24(1).

Stickney A, et al. (2026) Relative Humidity Influences Aureobasidium pullulans Degradation of Polyester Polyurethane Foam. Environmental microbiology reports, 18(2),

e70298.