Resource Summary Report

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DNA DataBank of Japan (DDBJ)

RRID:SCR_002359
Type: Tool

Proper Citation

DNA DataBank of Japan (DDBJ) (RRID:SCR_002359)

Resource Information

URL: http://www.ddbj.nig.ac.jp

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Description: Maintains and provides archival, retrieval and analytical resources for biological information. Central DDBJ resource consists of public, open-access nucleotide sequence databases including raw sequence reads, assembly information and functional annotation. Database content is exchanged with EBI and NCBI within the framework of the International Nucleotide Sequence Database Collaboration (INSDC). In 2011, DDBJ launched two new resources: DDBJ Omics Archive and BioProject. DOR is archival database of functional genomics data generated by microarray and highly parallel new generation sequencers. Data are exchanged between the ArrayExpress at EBI and DOR in the common MAGE-TAB format. BioProject provides organizational framework to access metadata about research projects and data from projects that are deposited into different databases.

Abbreviations: DDBJ

Synonyms: DNA DataBank of Japan (DDBJ), DNA DataBank of Japan, DDBJ, DNA Data Bank of Japan, DDBJ - DNA Data Bank of Japan

Resource Type: storage service resource, data or information resource, service resource, database, data repository

Defining Citation: PMID:26578571, PMID:25477381

Keywords: nucleotide sequence, genome, dna, dna database, dna research, nucleotide, phylogenetics, protein, sequence, protein binding, gene expression, gene, genetics, nucleoid, genomics, protein binding, gold standard, bio.tools, FASEB list

Funding: Japanese Ministry of Education Culture Sports Science and Technology MEXT

Availability: The community can contribute to this resource, Free, Public

Resource Name: DNA DataBank of Japan (DDBJ)

Resource ID: SCR_002359

Alternate IDs: OMICS_01644, biotools:ddbj, nif-0000-02740

Alternate URLs: https://bio.tools/ddbj

Record Creation Time: 20220129T080213+0000

Record Last Update: 20250509T055532+0000

Ratings and Alerts

No rating or validation information has been found for DNA DataBank of Japan (DDBJ).

No alerts have been found for DNA DataBank of Japan (DDBJ).

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 596 mentions in open access literature.

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

Kurotani KI, et al. (2025) Establishing a comprehensive web-based analysis platform for Nicotiana benthamiana genome and transcriptome. The Plant journal : for cell and molecular biology, 121(1), e17178.

Li Z, et al. (2025) Molecular Mechanisms of Grain Chalkiness Variation in Rice Panicles. Plants (Basel, Switzerland), 14(2).

Kodama Y, et al. (2025) DDBJ update in 2024: the DDBJ Group Cloud service for sharing pre-publication data. Nucleic acids research, 53(D1), D45.

Liu ZT, et al. (2024) Organic fertilization co-selects genetically linked antibiotic and metal(loid) resistance genes in global soil microbiome. Nature communications, 15(1), 5168.

Mouri H, et al. (2024) The complete chloroplast genome of Taraxacum albidum (Asteraceae), a Japanese endemic dandelion. Mitochondrial DNA. Part B, Resources, 9(8), 1015.

Kurosawa T, et al. (2024) Tissue-specific functions of MSCs are linked to homeostatic muscle maintenance and alter with aging. Aging cell, 23(11), e14299.

Patta C, et al. (2024) Questioning inbreeding: Could outbreeding affect productivity in the North African catfish in Thailand? PloS one, 19(5), e0302584.

Hu X, et al. (2024) Targeted immune cell therapy for hepatocellular carcinoma using expanded liver mononuclear cell-derived natural killer cells. Neoplasia (New York, N.Y.), 58, 101061.

Jia P, et al. (2024) Microbiome of diseased and healthy implants-a comprehensive microbial data analysis. Frontiers in cellular and infection microbiology, 14, 1445751.

Ishio S, et al. (2024) Illumina-based transcriptomic analysis of the fast-growing leguminous tree Acacia crassicarpa: functional gene annotation and identification of novel SSR-markers. Frontiers in plant science, 15, 1339958.

Koshiishi Y, et al. (2024) A PLIN1 polymorphism is associated with fat production in male emus. Poultry science, 103(12), 104513.

Mori K, et al. (2024) Mutations in nuclear pore complex promote osmotolerance in Arabidopsis by suppressing the nuclear translocation of ACQOS and its osmotically induced immunity. Frontiers in plant science, 15, 1304366.

Nakamura S, et al. (2024) Expression analyses of CUP-SHAPED COTYLEDON and SHOOT MERISTEMLESS in the one-leaf plant Monophyllaea glabra reveal neoteny evolution of shoot meristem. Scientific reports, 14(1), 11148.

Pfingstl T, et al. (2024) Mitochondrial metagenomics reveal the independent colonization of the world's coasts by intertidal oribatid mites (Acari, Oribatida, Ameronothroidea). Scientific reports, 14(1), 11634.

Wassel MA, et al. (2024) The impact of tetrodotoxin (TTX) on the gut microbiome in juvenile tiger pufferfish, Takifugu rubripes. Scientific reports, 14(1), 16684.

Kobayashi Y, et al. (2024) Chromosome-level genome assemblies for two quinoa inbred lines from northern and southern highlands of Altiplano where quinoa originated. Frontiers in plant science, 15, 1434388.

Hayashi K, et al. (2024) Polyploidy mitigates the impact of DNA damage while simultaneously bearing its burden. Cell death discovery, 10(1), 436.

Abé T, et al. (2024) Ladinin-1 in actin arcs of oral squamous cell carcinoma is involved in cell migration and epithelial phenotype. Scientific reports, 14(1), 22778.

Ara T, et al. (2024) DDBJ update in 2023: the MetaboBank for metabolomics data and associated metadata. Nucleic acids research, 52(D1), D67.

Khogali A, et al. (2024) Infection of Leishmania donovani in Phlebotomus orientalis Sand Flies at Different Microhabitats of a Kala-Azar Endemic Village in Eastern Sudan. Tropical medicine and infectious disease, 9(2).