DNA DataBank of Japan (DDBJ)

RRID:SCR_002359
Type: Tool

Proper Citation

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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), DDBJ, DNA Data Bank of Japan, DNA DataBank of Japan, DDBJ - DNA Data Bank of Japan

Resource Type: storage service resource, database, service resource, data or information resource, 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 Agency:** 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:** nif-0000-02740, OMICS_01644, biotools:ddbj

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

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**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).

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**Data and Source Information**

**Source:** [SciCrunch Registry](https://scicrunch.org)

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**Usage and Citation Metrics**

We found 516 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](https://rrid.org).

Kase Y, et al. (2023) The original strain of SARS-CoV-2, the Delta variant, and the Omicron variant infect microglia efficiently, in contrast to their inability to infect neurons: Analysis using 2D and 3D cultures. Experimental neurology, 363, 114379.

Mizobuchi R, et al. (2023) A MAPKKK gene from rice, RBG1res, confers resistance to Burkholderia glumae through negative regulation of ABA. Scientific reports, 13(1), 3947.

Sakai K, et al. (2023) Testicular histone hyperacetylation in mice by valproic acid administration affects the next generation by changes in sperm DNA methylation. PloS one, 18(3), e0282898.

Ito Y, et al. (2023) Comparison of hepatic responses to glucose perturbation between healthy and obese mice based on the edge type of network structures. Scientific reports, 13(1),
Kurotani KI, et al. (2023) Genome Sequence and Analysis of Nicotiana benthamiana, the Model Plant for Interactions between Organisms. Plant & cell physiology, 64(2), 248.


Nef C, et al. (2022) Whole-genome scanning reveals environmental selection mechanisms that shape diversity in populations of the epipelagic diatom Chaetoceros. PLoS biology,