

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

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: Free, Freely available,

Resource Name: DNA DataBank of Japan (DDBJ)

Resource ID: SCR_002359

Alternate IDs: OMICS_01644, biotools:ddbj, nif-0000-02740, r3d100010218

Alternate URLs: <https://bio.tools/ddbj>, <https://doi.org/10.17616/R3M01R>

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260731T042626+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 627 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Furudate K, et al. (2025) Spatial colocalization and molecular crosstalk of myofibroblastic CAFs and tumor cells shape lymph node metastasis in oral squamous cell carcinoma. PLoS genetics, 21(9), e1011791.

Miyamoto J, et al. (2025) Acidipropionibacterium acidipropionici, a propionate-producing bacterium, contributes to GPR41 signaling and metabolic regulation in high-fat diet-induced obesity in mice. Frontiers in nutrition, 12, 1542196.

Fujita S, et al. (2025) Super-Enhancer-Mediated DLX5 Activation Defines Regulatory Mechanisms in Human Embryonic Stem Cell-Derived Osteoblasts. Development, growth & differentiation, 67(7), 406.

Liang Y, et al. (2025) Splicing-dependent restriction of the HBZ gene by Tax underlies biphasic HTLV-1 infection. PLoS pathogens, 21(7), e1013381.

Pongsanarm T, et al. (2025) Genetic and geographical insights call for early conservation of Mae Hong Son's blue mahseer to prevent population crisis. PloS one, 20(2), e0313505.

Yasuoka K, et al. (2025) Genome Analysis of Japanese Yersinia pseudotuberculosis Strains Isolated From Kawasaki Disease Patients and Other Sources and Their Phylogenetic Positions in the Global Y. pseudotuberculosis Population. Microbiology and immunology, 69(3), 182.

- Yokoyama Y, et al. (2025) Porphyrin from discolored nori prevents metabolic syndrome through microbiota-bile acid-ceramide pathway. *iScience*, 28(6), 112603.
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- Huang C, et al. (2025) *Nicotiana benthamiana* VASCULAR-RELATED NAC-DOMAIN7-2 (NbVND7-2) has a role in xylem formation during interfamilial grafting. *Journal of experimental botany*, 76(8), 2207.
- Quainoo DK, et al. (2025) Genetic insights for enhancing conservation strategies in captive and wild Asian elephants through improved non-invasive DNA-based individual identification. *PloS one*, 20(5), e0320480.
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- Chatanga E, et al. (2025) Mitogenomics of the tropical bont tick *Amblyomma variegatum* reveals vertical and horizontal transmission of *Rickettsia africae*. *PLoS neglected tropical diseases*, 19(10), e0013610.
- Fujiyoshi K, et al. (2025) Comprehensive genetic profiling using tissue and blood in locally advanced tumors. *Oncology reports*, 54(4).
- Schell T, et al. (2025) Establishing genome sequencing and assembly for non-model and emerging model organisms: a brief guide. *Frontiers in zoology*, 22(1), 7.
- Li Z, et al. (2025) Molecular Mechanisms of Grain Chalkiness Variation in Rice Panicles. *Plants (Basel, Switzerland)*, 14(2).
- Hori K, et al. (2025) QTN detection and candidate gene identification for improved eating and cooking quality in rice using GWAS and PLS regression analysis. *TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik*, 138(3), 58.
- 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.
- Kurotani KI, et al. (2025) Autophagy is induced during plant grafting to promote wound healing. *Nature communications*, 16(1), 3483.
- Nishinarita Y, et al. (2025) Characteristic gene expression profile of intestinal mucosa early in life promotes bacterial colonization leading to healthy development of the intestinal environment. *Scientific reports*, 15(1), 18437.
- Ichikawa K, et al. (2025) CGC1, a new reference genome for *Caenorhabditis elegans*. *Genome research*, 35(8), 1902.