

Resource Summary Report

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GenomeNet

RRID:SCR_004165

Type: Tool

Proper Citation

GenomeNet (RRID:SCR_004165)

Resource Information

URL: <http://www.genome.jp/>

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Description: GenomeNet is a Japanese network of database and computational services for genome research and related research areas in biomedical sciences, operated by the Kyoto University Bioinformatics Center. GenomeNet was established in September 1991 under the Human Genome Program of the then Ministry of Education, Science and Culture (Monbusho). The GenomeNet service has been developed by the Kanehisa Laboratory in Kyoto University as part of the research projects. GenomeNet is operated using the Supercomputer System of the Institute for Chemical Research, Kyoto University. LinkDB is supported by the National Bioscience Database Center of the Japan Science and Technology Agency.

Resource Type: data or information resource, organization portal, database, computation service resource, portal

Keywords: FASEB list

Resource Name: GenomeNet

Resource ID: SCR_004165

Alternate IDs: nlx_18770

Record Creation Time: 20220129T080223+0000

Record Last Update: 20260729T044053+0000

Ratings and Alerts

No rating or validation information has been found for GenomeNet.

No alerts have been found for GenomeNet.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 977 mentions in open access literature.

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

Li Z, et al. (2026) Unraveling the anti-cancer potential of procyanidin B2 from grape seeds in gastric cancer through a multi-omics approach with emphasis on ROS and ferroptosis. *Translational oncology*, 64, 102642.

Fujimoto M, et al. (2025) Neofunctionalization of VAMP7 opened up a plant-unique vacuolar transport pathway. *Current biology : CB*, 35(11), 2630.

Hoffmann J, et al. (2025) Canonical and non-canonical PRC1 differentially contribute to regulation of neural stem cell fate. *Life science alliance*, 8(4).

Okumura-Hirono M, et al. (2025) ROS produced by Dual oxidase regulate cell proliferation and haemocyte migration during leg regeneration in the cricket. *Development (Cambridge, England)*, 152(22).

Kovacs ED, et al. (2025) Land Use Shapes the Rhizosphere Microbiome and Metabolome of Naturally Growing *Barbarea vulgaris*. *Metabolites*, 15(11).

Rolin MH, et al. (2025) Comparative genomics reveals diversity and taxonomic relationships among *Clostridioides difficile* phages. *Microbiology spectrum*, 13(12), e0143125.

Sheikh S, et al. (2025) The Core MICOS Complex Subunit mic60 has Been Substituted by Two Cryptic Mitofilin-containing Proteins in Euglenozoa. *Molecular biology and evolution*, 42(11).

Tonetti T, et al. (2025) Intercellular compartmentation of trehalose 6-phosphate metabolism in *Setaria viridis* leaves. *Journal of experimental botany*, 76(20), 5946.

Dayarathne K, et al. (2025) Cnb proteins affect the intracellular 2-MIB retention in heterologous gene expression systems. *Archives of microbiology*, 207(8), 172.

Trebino MA, et al. (2025) Parallel regulatory circuits orchestrate biofilm formation in response to c-di-GMP levels and growth phase. *PLoS genetics*, 21(9), e1011870.

Mahanta A, et al. (2025) Macrophage metabolic reprogramming during dietary stress influences adult body size in *Drosophila*. *EMBO reports*, 26(22), 5397.

Alalaf AS, et al. (2025) Genotypic characteristics and phylogenetic tree analysis of *Staphylococcus aureus* isolates from sheep subclinical mastitis milk. *Open veterinary journal*, 15(1), 289.

von Kries A, et al. (2025) Colorectal cancer organoids drive hypoxia, TGF- β , and patient-specific diversification of NK cell activation programs. *Journal for immunotherapy of cancer*, 13(12).

Bindila L, et al. (2025) A companion to the preclinical common data elements for proteomics, lipidomics, and metabolomics data in rodent epilepsy models. A report of the TASK3-WG4 omics working group of the ILAE/AES joint translational TASK force. *Epilepsia open*, 10 Suppl 1(Suppl 1), S206.

Wang M, et al. (2025) Molecular mechanism targeting condensin for chromosome condensation. *The EMBO journal*, 44(3), 705.

Qiu C, et al. (2025) LT- α Facilitates the Aerobic Glycolysis and M1 Polarization of Macrophages by Activating the NF- κ B Signaling Pathway in Intervertebral Disc Degeneration. *Journal of inflammation research*, 18, 4103.

Leroy E, et al. (2025) A bifunctional snoRNA with separable activities in guiding rRNA 2'-O-methylation and scaffolding gametogenesis effectors. *Nature communications*, 16(1), 3250.

Heidari P, et al. (2025) Genome-wide analysis of the ammonium transporters gene family in *Phaseolus vulgaris* and its roles in response to drought and salinity stress. *Scientific reports*, 15(1), 22069.

Al-Harbi GM, et al. (2025) Isolation and Characterization of L-Asparaginase-Producing Bacteria from the Arabian-Persian Gulf Region: First Report on *Bacillus xiamenensis* ASP-J1-4 as a Producer and Its Potential Application. *Marine drugs*, 23(5).

Cheng SY, et al. (2025) Genetic Analysis of Polyunsaturated Fatty Acids Biosynthesis Pathway Determines Four Distinct Thraustochytrid Types. *Environmental microbiology*, 27(4), e70090.