Resource Summary Report

Generated by dkNET on May 21, 2025

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, computation service resource, database, organization portal, portal

Keywords: FASEB list

Funding:

Resource Name: GenomeNet

Resource ID: SCR_004165

Alternate IDs: nlx_18770

Record Creation Time: 20220129T080223+0000

Record Last Update: 20250521T060942+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 923 mentions in open access literature.

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

Zhang H, et al. (2025) Interleukin-5: an indicator of mild cognitive impairment in patients with type 2 diabetes mellitus - a comprehensive investigation ranging from bioinformatics analysis to clinical research. Journal of endocrinological investigation, 48(2), 401.

Solórzano-García B, et al. (2024) The complete mitochondrial genome of 3 species of allocreadiids (Digenea, Allocreadiidae): characterization and phylogenetic position within the order Plagiorchiida. Parasitology, 151(3), 309.

Kim TS, et al. (2024) RNA sequencing provides novel insights into the pathogenesis of naturally occurring myxomatous mitral valve disease stage B1 in beagle dogs. PloS one, 19(5), e0300813.

Tancer RJ, et al. (2024) Improved Broad Spectrum Antifungal Drug Synergies with Cryptomycin, a Cdc50-Inspired Antifungal Peptide. ACS infectious diseases, 10(11), 3973.

Zhang S, et al. (2024) Neuroinflammation mediates the progression of neonate hypoxia-ischemia brain damage to Alzheimer's disease: a bioinformatics and experimental study. Frontiers in aging neuroscience, 16, 1511668.

Sng BJR, et al. (2024) Genome-wide identification of cannabinoid biosynthesis genes in non-drug type Cannabis (Cannabis sativa L.) cultivar. Journal of cannabis research, 6(1), 35.

Cui X, et al. (2024) Effects of elicitors from culture filtrate of Fusarium solani CL105 on flavonoid production of Scutellaria baicalensis calli. Frontiers in plant science, 15, 1383918.

Jasinska W, et al. (2024) Non-consecutive enzyme interactions within TCA cycle supramolecular assembly regulate carbon-nitrogen metabolism. Nature communications, 15(1), 5285.

Inoue S, et al. (2024) An evolutionarily distinct Hmgn2 variant influences shape recognition in Medaka Fish. Communications biology, 7(1), 973.

Zhao T, et al. (2024) The expression of glycolysis-related proteins in urine significantly increases after running. Frontiers in physiology, 15, 1481741.

Zhang R, et al. (2024) Combined transcriptomic and metabolomic analysis revealed that pH changes affected the expression of carbohydrate and ribosome biogenesis-related genes in Aspergillus niger SICU-33. Frontiers in microbiology, 15, 1389268.

Yanase R, et al. (2024) Discovery of essential kinetoplastid-insect adhesion proteins and their function in Leishmania-sand fly interactions. Nature communications, 15(1), 6960.

Hong G, et al. (2024) miR-4429 inhibits ccRCC proliferation, migration, and invasion by directly targeting CD274. Discover oncology, 15(1), 190.

Ortega-de la Rosa ND, et al. (2024) Cloning, Expression, Characterization and Immobilization of a Recombinant Carboxylesterase from the Halophilic Archaeon, Halobacterium salinarum NCR-1. Biomolecules, 14(5).

Lian S, et al. (2024) Functional differentiation and genetic diversity of rice cation exchanger (CAX) genes and their potential use in rice improvement. Scientific reports, 14(1), 8642.

Matsumoto W, et al. (2024) Carotenoid productivity in human intestinal bacteria Eubacterium limosum and Leuconostoc mesenteroides with functional analysis of their carotenoid biosynthesis genes. Engineering microbiology, 4(2), 100147.

Zhang W, et al. (2024) Profile of miRNAs induced during sheep fat tail development and roles of four key miRNAs in proliferation and differentiation of sheep preadipocytes. Frontiers in veterinary science, 11, 1491160.

Chen Y, et al. (2024) Salicylic acid inducing the expression of maize anti-insect gene SPI: a potential control strategy for Ostrinia furnacalis. BMC plant biology, 24(1), 152.

Pan L, et al. (2024) Analysis of global gene expression using RNA-sequencing reveals novel mechanism of Yanghe Pingchuan decoction in the treatment of asthma. BMC pulmonary medicine, 24(1), 137.

El Awady ME, et al. (2024) Insight into antioxidant and anti-inflammatory effects of marine bacterial natural exopolysaccharide (EPSSM) using carrageenan-induced paw edema in rats. Scientific reports, 14(1), 5113.