KEGG
RRID:SCR_012773
Type: Tool

Proper Citation

KEGG (RRID:SCR_012773)

Resource Information

URL: http://www.kegg.jp/

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Description: Integrated database resource consisting of 16 main databases, broadly categorized into systems information, genomic information, and chemical information. In particular, gene catalogs in completely sequenced genomes are linked to higher-level systemic functions of cell, organism, and ecosystem. Analysis tools are also available. KEGG may be used as reference knowledge base for biological interpretation of large-scale datasets generated by sequencing and other high-throughput experimental technologies.

Abbreviations: KEGG

Synonyms: KEGG - Kyoto Encyclopedia of Genes and Genomes, Kyoto Encyclopedia of Genomes and Genomes

Resource Type: software resource, database, data access protocol, analysis service resource, web service, service resource, topical portal, data or information resource, production service resource, portal, data analysis service


Keywords: model, pathway, functional hierarchy, module, cancer, disease, drug, drug classification, orthology, ortholog, genome, gene, protein, compound, classification, biochemical reaction, pathway, ligand, biosynthesis, pathway prediction, sequence, chemical structure, human, enzyme, database, molecular interaction, metabolism, metabolomics,
cellular process, structure, drug development, reaction, cell

**Funding Agency:** Japanese Ministry of Education Culture Sports Science and Technology MEXT, Japan Science and Technology Agency

**Availability:** Restricted

**Resource Name:** KEGG

**Resource ID:** SCR_012773

**Alternate IDs:** nlx_31015, OMICS_01582, OMICS_01583, OMICS_03010, OMICS_05360, OMICS_05434, OMICS_03974

**Alternate URLs:** http://www.genome.jp/kegg/

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**Ratings and Alerts**

No rating or validation information has been found for KEGG.

No alerts have been found for KEGG.

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**Data and Source Information**

**Source:** SciCrunch Registry

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**Usage and Citation Metrics**

We found 44489 mentions in open access literature.

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


Bravo-Parra M, et al. (2023) Downregulation of miR-671-5p promotes IL-10 mRNA increase in porcine moDCs stimulated with the probiotic BB12. Molecular biology reports, 50(1), 919.

Choi J, et al. (2023) Dynamic intestinal stem cell plasticity and lineage remodeling by a nutritional environment relevant to human risk for tumorigenesis. Molecular cancer research: MCR.

Pandey P, et al. (2023) NGS-based profiling identifies miRNAs and pathways dysregulated in cisplatin-resistant esophageal cancer cells. Functional & integrative genomics, 23(2), 111.
Han L, et al. (2023) The first genome assembly of the amphibian nematode parasite (Aplectana chamaeleonis). GigaByte (Hong Kong, China), 2023, gigabyte79.

Yamamoto T, et al. (2023) RIP140 deficiency enhances cardiac fuel metabolism and protects mice from heart failure. The Journal of clinical investigation, 133(9).


Cornes BK, et al. (2023) Protein coding variation in the J:ARC and J:DO outbred laboratory mouse stocks provides a molecular basis for distinct research applications. G3 (Bethesda, Md.), 13(4).

Chen HY, et al. (2023) Reserpine maintains photoreceptor survival in retinal ciliopathy by resolving proteostasis imbalance and ciliogenesis defects. eLife, 12.


Krausová M, et al. (2023) Retinitis pigmentosa-associated mutations in mouse Prpf8 cause misexpression of circRNAs and degeneration of cerebellar granule cells. Life science alliance, 6(6).


Ma Z, et al. (2023) miR-6315 silencing protects against spinal cord injury through the Smo and anti-ferroptosis pathway. Bioscience reports, 43(4).