Resource Summary Report

Generated by dkNET on May 7, 2025

KEGG PATHWAY Database

RRID:SCR_018145
Type: Tool

Proper Citation

KEGG PATHWAY Database (RRID:SCR_018145)

Resource Information

URL: https://www.genome.jp/kegg/pathway.html

Proper Citation: KEGG PATHWAY Database (RRID:SCR_018145)

Description: Reference database for pathway mapping in KEGG Mapper. Collection of manually drawn pathway maps representing knowledge on molecular interaction, reaction and relation networks for metabolism, genetic information processing, environmental information processing, cellular processes, organisms systems, human diseases, drug development.

Synonyms: KEGG PATHWAY

Resource Type: data or information resource, service resource, database

Keywords: Pathway mapping, reference database, KEGG Mapper, molecular interaction, reaction and relation network, metabolism, genetic information processing, cellular process, organism system, human disease, drug development, data

Funding:

Availability: Free, Freely available

Resource Name: KEGG PATHWAY Database

Resource ID: SCR_018145

Record Creation Time: 20220129T080338+0000

Record Last Update: 20250507T061316+0000

Ratings and Alerts

No rating or validation information has been found for KEGG PATHWAY Database.

No alerts have been found for KEGG PATHWAY Database.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 614 mentions in open access literature.

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

Soudy M, et al. (2025) Sex-dependent molecular landscape of Alzheimer's disease revealed by large-scale single-cell transcriptomics. Alzheimer's & dementia : the journal of the Alzheimer's Association, 21(2), e14476.

Xu J, et al. (2025) Single-microglia transcriptomic transition network-based prediction and real-world patient data validation identifies ketorolac as a repurposable drug for Alzheimer's disease. Alzheimer's & dementia : the journal of the Alzheimer's Association, 21(1), e14373.

Wang S, et al. (2025) Joint Analysis of Multiple Omics to Describe the Biological Characteristics of Resistant Hypertension. Journal of clinical hypertension (Greenwich, Conn.), 27(1), e14961.

Sun X, et al. (2025) Targeting PRMT1 Reduces Cancer Persistence and Tumor Relapse in EGFR- and KRAS-Mutant Lung Cancer. Cancer research communications, 5(1), 119.

Li W, et al. (2025) Integrating proteomics and metabolomics to elucidate the regulatory mechanisms of pimpled egg production in chickens: Multi-omics analysis of the mechanism of pimpled egg formation. Poultry science, 104(2), 104818.

Houtenbos SP, et al. (2025) The underlying mechanisms of the association of bone health with depression - an experimental study. Molecular biology reports, 52(1), 163.

Tu W, et al. (2025) Investigation of the Molecular Mechanism of Asthma in Meishan Pigs Using Multi-Omics Analysis. Animals : an open access journal from MDPI, 15(2).

Francisco S, et al. (2025) Restoring adapter protein complex 4 function with small molecules: an in silico approach to spastic paraplegia 50. Protein science : a publication of the Protein Society, 34(1), e70006.

Kuang X, et al. (2025) Hydrogen-Rich Saline Combined With Vacuum Sealing Drainage Promotes Wound Healing by Altering Biotin Metabolism. Journal of cellular and molecular

medicine, 29(1), e70292.

Hoffmann J, et al. (2025) Steatohepatitis-induced vascular niche alterations promote melanoma metastasis. Cancer & metabolism, 13(1), 5.

Zhao Q, et al. (2025) Dual-purpose elemental sulfur for capturing and accelerating biodegradation of petroleum hydrocarbons in anaerobic environment. Water research X, 26, 100290.

Elizondo-Reyna E, et al. (2025) Insights from a Genome-Wide Study of Pantoea agglomerans UADEC20: A Promising Strain for Phosphate Solubilization and Exopolysaccharides Production. Current issues in molecular biology, 47(1).

Luo W, et al. (2025) Perfluoropentane-based oxygen-loaded nanodroplets reduce microglial activation through metabolic reprogramming. Neural regeneration research, 20(4), 1178.

He M, et al. (2025) Metabolomics and Transcriptomics Reveal the Effects of Different Fermentation Times on Antioxidant Activities of Ophiocordyceps sinensis. Journal of fungi (Basel, Switzerland), 11(1).

Marchand V, et al. (2025) Monocytes generated by interleukin-6-treated human hematopoietic stem and progenitor cells secrete calprotectin that inhibits erythropoiesis. iScience, 28(1), 111522.

Yue X, et al. (2025) Changes in RNA Splicing: A New Paradigm of Transcriptional Responses to Probiotic Action in the Mammalian Brain. Microorganisms, 13(1).

Florio A, et al. (2024) Monolayer culture alters EGFR inhibitor response through abrogation of microRNA-mediated feedback regulation. Scientific reports, 14(1), 7303.

Adnan D, et al. (2024) Early-onset Colon Cancer Shows a Distinct Intestinal Microbiome and a Host-Microbe Interaction. Cancer prevention research (Philadelphia, Pa.), 17(1), 29.

Yoo K, et al. (2024) Muscle-resident mesenchymal progenitors sense and repair peripheral nerve injury via the GDNF-BDNF axis. eLife, 13.

Marrero-Gutiérrez J, et al. (2024) Epigenetic Control of Adamantinomatous Craniopharyngiomas. The Journal of clinical endocrinology and metabolism, 109(10), e1867.