Resource Summary Report

Generated by dkNET on May 8, 2025

WikiPathways

RRID:SCR_002134
Type: Tool

Proper Citation

WikiPathways (RRID:SCR_002134)

Resource Information

URL: http://wikipathways.org/

Proper Citation: WikiPathways (RRID:SCR_002134)

Description: Open and collaborative platform dedicated to curation of biological pathways. Each pathway has dedicated wiki page, displaying current diagram, description, references, download options, version history, and component gene and protein lists. Database of biological pathways maintained by and for scientific community.

Synonyms: Wiki Pathways

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

Defining Citation: PMID:22096230, PMID:18651794

Keywords: database, knowledge environment resource, image, web service, biological pathway, diagram description, reference, pathway, FASEB list

Funding: NIH ;
Netherlands Bioinformatics Centre ;
Google Summer of Code program ;
NWO - Netherlands Organization for Scientific Research ;
NIGMS GM080223;
NIGMS R01 GM100039

Availability: Free, Freely available

Resource Name: WikiPathways

Resource ID: SCR_002134

Alternate IDs: nif-0000-20925

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Record Creation Time: 20220129T080211+0000

Record Last Update: 20250508T064734+0000

Ratings and Alerts

No rating or validation information has been found for WikiPathways.

No alerts have been found for WikiPathways.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1346 mentions in open access literature.

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

Li F, et al. (2025) SPathDB: a comprehensive database of spatial pathway activity atlas. Nucleic acids research, 53(D1), D1205.

Motooka Y, et al. (2025) Heterozygous mutation in BRCA2 induces accelerated age-dependent decline in sperm quality with male subfertility in rats. Scientific reports, 15(1), 447.

Yang B, et al. (2025) PerturbDB for unraveling gene functions and regulatory networks. Nucleic acids research, 53(D1), D1120.

Li X, et al. (2025) Genetic Nurture Effects on Type 2 Diabetes Among Chinese Han Adults: A Family-Based Design. Biomedicines, 13(1).

Ye L, et al. (2025) Multi?omics identification of a novel signature for serous ovarian carcinoma in the context of 3P medicine and based on twelve programmed cell death patterns: a multi-cohort machine learning study. Molecular medicine (Cambridge, Mass.), 31(1), 5.

Müller J, et al. (2025) PTMNavigator: interactive visualization of differentially regulated post-translational modifications in cellular signaling pathways. Nature communications, 16(1),

510.

Wu Y, et al. (2025) A Risk Model Based on Ferroptosis-Related Genes OSMR, G0S2, IGFBP6, IGHG2, and FMOD Predicts Prognosis in Glioblastoma Multiforme. CNS neuroscience & therapeutics, 31(1), e70161.

Van den Bossche V, et al. (2025) PPAR?-mediated lipid metabolism reprogramming supports anti-EGFR therapy resistance in head and neck squamous cell carcinoma. Nature communications, 16(1), 1237.

Fakhari S, et al. (2025) Shear stress effects on epididymal epithelial cell via primary cilia mechanosensory signaling. Journal of cellular physiology, 240(1), e31475.

Yao J, et al. (2025) FUBP3 mediates the amyloid-?-induced neuronal NLRP3 expression. Neural regeneration research, 20(7), 2068.

Raffaele S, et al. (2025) Characterisation of GPR17-expressing oligodendrocyte precursors in human ischaemic lesions and correlation with reactive glial responses. The Journal of pathology, 265(2), 226.

Gerini G, et al. (2025) Deciphering the Transcriptional Metabolic Profile of Adipose-Derived Stem Cells During Osteogenic Differentiation and Epigenetic Drug Treatment. Cells, 14(2).

Schwarz JM, et al. (2025) Somatic DNA Variants in Epilepsy Surgery Brain Samples from Patients with Lesional Epilepsy. International journal of molecular sciences, 26(2).

Angarola BL, et al. (2025) Comprehensive single-cell aging atlas of healthy mammary tissues reveals shared epigenomic and transcriptomic signatures of aging and cancer. Nature aging, 5(1), 122.

Jaygude U, et al. (2025) Exploring the role of the Rab network in epithelial-to-mesenchymal transition. Bioinformatics advances, 5(1), vbae200.

Assis BA, et al. (2025) Genomic signatures of adaptation in native lizards exposed to human-introduced fire ants. Nature communications, 16(1), 89.

Tat VY, et al. (2025) Characterizing temporal and global host innate immune responses against SARS-CoV-1 and -2 infection in pathologically relevant human lung epithelial cells. PloS one, 20(1), e0317921.

Poisa-Beiro L, et al. (2025) A Senescent Cluster in Aged Human Hematopoietic Stem Cell Compartment as Target for Senotherapy. International journal of molecular sciences, 26(2).

Khaosuwan T, et al. (2025) Comparative proteomic analysis of astrocytoma tissues from patients with and without seizures. Scientific reports, 15(1), 3020.

Tang J, et al. (2025) Longitudinal serum proteome mapping reveals biomarkers for healthy ageing and related cardiometabolic diseases. Nature metabolism, 7(1), 166.