Resource Summary Report

Generated by dkNET on Aug 6, 2026

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, service resource, database

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, r3d100013316

Record Creation Time: 20220129T080211+0000

Record Last Update: 20260806T054334+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 1696 mentions in open access literature.

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

Martins R, et al. (2026) Homeostatic control of energy metabolism by monocyte-derived macrophages. The EMBO journal, 45(1), 106.

Hwang CY, et al. (2026) The role of sestrin2 in skeletal muscle regeneration after injury. The Korean journal of physiology & pharmacology : official journal of the Korean Physiological Society and the Korean Society of Pharmacology, 30(1), 19.

Li X, et al. (2026) Dynamic adaptive coassembled sericin protein orchestrating stem cell development for nucleus pulposus regeneration. Science advances, 12(1), eadx2768.

Yu Z, et al. (2026) Multi-trait genome-wide analysis identified risk loci and candidate drugs for heart failure. HGG advances, 7(1), 100540.

Makhmut A, et al. (2026) Spatial proteomics of ovarian cancer precursors delineates early disease changes and drug targets. Molecular systems biology, 22(1), 7.

Unzueta-Larrinaga P, et al. (2026) Extracellular matrix dysfunction and synaptic alterations in schizophrenia. Molecular psychiatry, 31(1), 396.

Marino GB, et al. (2025) GeneSetCart: assembling, augmenting, combining, visualizing, and analyzing gene sets. GigaScience, 14.

Youlten SE, et al. (2025) In vivo differentiation of embryonic cells devoid of key reprogramming factors. Cell reports, 44(11), 116498.

Jia H, et al. (2025) DNA methylation mediates the immunosuppressive tumour microenvironment in metastatic endometrial clear cell carcinoma. EBioMedicine, 120,

105954.

Grätz C, et al. (2025) Extracellular vesicle-associated transcriptomic and proteomic biomarkers show in vitro potential for vandetanib treatment monitoring in anaplastic thyroid cancer. Scientific reports, 15(1), 32464.

Antysheva Z, et al. (2025) Machine learning-based single-sample molecular classifier for cancer grading. Frontiers in oncology, 15, 1617898.

Ibrahim IH, et al. (2025) Altered protein lipidation in cancer: A hidden link to sensory neuronal dysfunction. Computational biology and chemistry, 120(Pt 1), 108656.

Huang H, et al. (2025) Deletion of Pyruvate Carboxylase in Tubular Epithelial Cell Promotes Renal Fibrosis by Regulating SQOR/cGAS/STING-Mediated Glycolysis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(13), e2408753.

Morales AE, et al. (2025) Bat genomes illuminate adaptations to viral tolerance and disease resistance. Nature, 638(8050), 449.

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

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.

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.

Müller J, et al. (2025) PTMNavigator: interactive visualization of differentially regulated post-translational modifications in cellular signaling pathways. Nature communications, 16(1), 510.

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.