

Resource Summary Report

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Ingenuity Pathways Knowledge Base

RRID:SCR_008117

Type: Tool

Proper Citation

Ingenuity Pathways Knowledge Base (RRID:SCR_008117)

Resource Information

URL: <http://www.ingenuity.com/>

Proper Citation: Ingenuity Pathways Knowledge Base (RRID:SCR_008117)

Description: A horizontally and vertically structured database that pulls scientific and medical information and describes it consistently using the Ingenuity Ontology. The Knowledge Base pulls information from journals, public molecular content databases, and textbooks. Data is curated and integrated into the Knowledge Base .

Synonyms: Ingenuity Knowledge Base

Resource Type: database, data or information resource

Keywords: gene, life science, molecule, protein, research, software, ontology, knowledge base, FASEB list

Availability: Available to the research community, Commercial

Resource Name: Ingenuity Pathways Knowledge Base

Resource ID: SCR_008117

Alternate IDs: nif-0000-20858

License URLs: <http://www.ingenuity.com/privacy-policy>

Record Creation Time: 20220129T080245+0000

Record Last Update: 20260803T040523+0000

Ratings and Alerts

No rating or validation information has been found for Ingenuity Pathways Knowledge Base.

No alerts have been found for Ingenuity Pathways Knowledge Base.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4627 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Akbar H, et al. (2026) Integrated transcriptomics, proteomics, and pathway enrichment analysis in the spleen and skin of chickens reveal tissue-specific roles for the Marek's disease virus conserved herpesvirus protein kinase. Poultry science, 105(1), 106113.

Svinin G, et al. (2025) Causal network analysis of omics data using prior knowledge databases. Briefings in bioinformatics, 26(6).

Turner LA, et al. (2025) Differences in gene expression between high and low tolerance rainbow trout (*Oncorhynchus mykiss*) to acute thermal stress. PloS one, 20(1), e0312694.

Jones V, et al. (2025) Gene expression associated with endocrine therapy resistance in estrogen receptor-positive breast cancer. Scientific reports, 15(1), 7220.

Fonseca R, et al. (2025) Exploring BCL2 regulation and upstream signaling transduction in venetoclax resistance in multiple myeloma: potential avenues for therapeutic intervention. Blood cancer journal, 15(1), 10.

Iveland TS, et al. (2025) Cytotoxic mechanisms of pemetrexed and HDAC inhibition in non-small cell lung cancer cells involving ribonucleotides in DNA. Scientific reports, 15(1), 2082.

Chen YF, et al. (2025) Cisd1 synergizes with Cisd2 to modulate protein processing by maintaining mitochondrial and ER homeostasis. Aging, 17(5), 1275.

Kroeze Y, et al. (2025) Genetic Inactivation of the Serotonin Transporter Dysregulates Expression of Neurotransmission Genes and Genome-Wide DNA Methylation Levels in the Medial Prefrontal Cortex of Male Rats During Postnatal Development. Developmental neurobiology, 85(3), e22973.

Park-Sigal J, et al. (2025) Extracellular Ca²⁺-Sensing Receptor (CaSR) Regulates Hypothalamic Function to Control Energy and Skeletal Metabolism in Mice. bioRxiv : the preprint server for biology.

Riskawati YK, et al. (2025) Enhancing Skeletal Muscle Fiber Type Transition Through Substrate Coating Alteration in Myoblast Cell Culture. International journal of molecular

sciences, 26(12).

Seidel F, et al. (2025) Partial removal of visceral epididymal white adipose tissue in obese Ldlr^{-/-}.Leiden mice impacts adipokine secretion, plasma free fatty acids, and improves cerebrovascular health. PloS one, 20(10), e0333024.

Raliou M, et al. (2025) Gene profiles of peripheral white blood cells as potential predictors of pregnancy in embryo-recipient heifers. PloS one, 20(9), e0330701.

Panda AK, et al. (2025) Antibody-Mediated Inhibition of HLA/LILR Interactions Breaks Innate Immune Tolerance and Induces Antitumor Immunity. Cancer immunology research, 13(12), 1938.

Cassuto NG, et al. (2025) Genome-Wide microRNA Expression Profiling in Human Spermatozoa and Its Relation to Sperm Quality. Genes, 16(1).

Qin Y, et al. (2025) Multi-omics analysis of two rat models reveals potential role of vesicle transport and autophagy in right ventricular remodeling. Scientific reports, 15(1), 13401.

Zhai M, et al. (2025) TEAD1-Mediated Trans-Differentiation of Vascular Smooth Muscle Cells into Fibroblast-Like Cells Contributes to the Stabilization and Repair of Disrupted Atherosclerotic Plaques. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(5), e2407408.

Koff L, et al. (2025) Early Life Exposure to Deltamethrin Impairs Synaptic Function by Altering the Brain-Derived Extracellular Vesicle Proteome. Molecular & cellular proteomics : MCP, 24(2), 100902.

Inia JA, et al. (2025) Fibrogenic Gene Signature as Early Prediction for the Efficacy of Pharmacological Interventions for MASH-Associated Fibrosis. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(12), e70735.

Chou YJ, et al. (2025) Activation of C1SD2 as a protective strategy against doxorubicin-induced cardiotoxicity. Redox biology, 86, 103840.

Saleem A, et al. (2025) Exploring the associations between prenatal PCB exposures and gene expression: Observations from a study of newborn Slovak infants. Ecotoxicology and environmental safety, 304, 119059.