Resource Summary Report

Generated by dkNET on Aug 26, 2026

PathwayNet

RRID:SCR_017353
Type: Tool

Proper Citation

PathwayNet (RRID:SCR_017353)

Resource Information

URL: http://pathwaynet.princeton.edu/

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Description: Web user interface for interaction predictions of human gene networks and integrative analysis of user data types that takes advantage of data from diverse tissue and cell-lineage origins. Predicts presence of functional association and interaction type among human genes or its protein products on whole genome scale. Used to analyze experimetnal gene in context of interaction networks.

Resource Type: analysis service resource, data access protocol, data analysis service, production service resource, service resource, software resource, web service

Defining Citation: PMID:25431329

Keywords: Interface, interaction, predict, human, gene, network, integrative, analysis, user, data, tissue, cell, functional, protein, genome

Funding: NHGRI HG005998;
NIGMS P50 GM071508;
NIGMS R01 GM071966

Availability: Free, Freely available

Resource Name: PathwayNet

Resource ID: SCR_017353

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260821T194111+0000

Ratings and Alerts

No rating or validation information has been found for PathwayNet.

No alerts have been found for PathwayNet.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Zhang RX, et al. (2025) FNDC1 is a myokine that promotes myogenesis and muscle regeneration. The EMBO journal, 44(1), 30.

Megawati D, et al. (2024) Differential Host Gene Expression in Response to Infection by Different Mycobacterium tuberculosis Strains-A Pilot Study. Microorganisms, 12(11).

Lee S, et al. (2024) High-throughput identification of repurposable neuroactive drugs with potent anti-glioblastoma activity. Nature medicine, 30(11), 3196.

Chauhan C, et al. (2023) 5-Iodotubercidin sensitizes cells to RIPK1-dependent necroptosis by interfering with NF?B signaling. Cell death discovery, 9(1), 262.

Tsegaye MA, et al. (2021) Oncogenic signaling inhibits c-FLIPL expression and its non-apoptotic function during ECM-detachment. Scientific reports, 11(1), 18606.

Li J, et al. (2021) Discovery and characterization of potent And-1 inhibitors for cancer treatment. Clinical and translational medicine, 11(12), e627.

Cai Y, et al. (2020) Overexpression of PGC-1? influences the mitochondrial unfolded protein response (mtUPR) induced by MPP+ in human SH-SY5Y neuroblastoma cells. Scientific reports, 10(1), 10444.

Wu J, et al. (2020) A single-cell survey of cellular hierarchy in acute myeloid leukemia. Journal of hematology & oncology, 13(1), 128.