Resource Summary Report

Generated by <u>dkNET</u> on May 17, 2025

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

Defining Citation: PMID:25431329

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

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

Availability: Free, Freely available

Resource Name: PathwayNet

Resource ID: SCR_017353

Record Creation Time: 20220129T080334+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 7 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

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

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-lodotubercidin sensitizes cells to RIPK1-dependent necroptosis by interfering with NF?B signaling. Cell death discovery, 9(1), 262.

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

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

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

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.