Resource Summary Report

Generated by Kravitz on Sep 18, 2026

RankProd

RRID:SCR_013046
Type: Tool

Proper Citation

RankProd (RRID:SCR_013046)

Resource Information

URL: http://www.bioconductor.org/packages/2.12/bioc/html/RankProd.html

Proper Citation: RankProd (RRID:SCR_013046)

Description: Software using a non-parametric method for identifying differentially expressed (up- or down- regulated) genes based on the estimated percentage of false predictions (pfp).

Abbreviations: RankProd

Resource Type: software resource

Resource Name: RankProd

Resource ID: SCR_013046

Alternate IDs: OMICS_01313

Record Creation Time: 20220129T080314+0000

Record Last Update: 20260912T195758+0000

Ratings and Alerts

No rating or validation information has been found for RankProd.

No alerts have been found for RankProd.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 186 mentions in open access literature.

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

Xu Y, et al. (2025) Differential producibility analysis reveals drug-associated carbon and nitrogen metabolite expressions in Mycobacterium tuberculosis. The Journal of biological chemistry, 301(3), 108288.

Grytten E, et al. (2025) Inflammatory markers after supplementation with marine n-3 or plant n-6 PUFAs: A randomized double-blind crossover study. Journal of lipid research, 66(4), 100770.

Murugesan S, et al. (2025) Decreased Extracellular Vesicle Vasorin in Severe Preeclampsia Plasma Mediates Endothelial Dysfunction. Journal of the American Heart Association, 14(7), e037242.

Hunter E, et al. (2025) Development and validation of blood-based diagnostic biomarkers for Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS) using EpiSwitch® 3-dimensional genomic regulatory immuno-genetic profiling. Journal of translational medicine, 23(1), 1048.

Amano I, et al. (2025) Effects of excessive iodine intake during the perinatal period on thyroid function and higher brain functions in mouse offspring. Endocrine journal, 72(9), 999.

Khoo LY, et al. (2025) Integrated multi-sample transcriptomic analysis of COVID-19 patients against controls using a bioinformatics pipeline. Scientific reports, 15(1), 19644.

Li Y, et al. (2025) Integration of a 4-gene risk score model enhances prognostic accuracy in acute myeloid leukemia. Cell cycle (Georgetown, Tex.), 24(21-24), 638.

Ceballos-Sánchez D, et al. (2025) Influence of Dietary Fiber and Polyphenols During Pre-Gestation, Gestation, or Lactation on Intestinal Gene Expression. Nutrients, 17(2).

Dremel SE, et al. (2024) Interferon induced circRNAs escape herpesvirus host shutoff and suppress lytic infection. EMBO reports, 25(3), 1541.

Pal A, et al. (2024) Defining the contribution of microRNA-specific Argonautes with slicer capability in animals. Nucleic acids research, 52(9), 5002.

Guaita-Cespedes M, et al. (2023) Deciphering the sex bias in housekeeping gene expression in adipose tissue: a comprehensive meta-analysis of transcriptomic studies. Biology of sex differences, 14(1), 20.

Padiadpu J, et al. (2023) Multi-omic network analysis identified betacellulin as a novel target of omega-3 fatty acid attenuation of western diet-induced nonalcoholic steatohepatitis. EMBO molecular medicine, 15(11), e18367.

Hosaka K, et al. (2023) Perivascular localized cells commit erythropoiesis in PDGF-B-expressing solid tumors. Cancer communications (London, England), 43(6), 637.

Mirzakhani H, et al. (2023) Integration of circulating microRNAs and transcriptome signatures identifies early-pregnancy biomarkers of preeclampsia. Clinical and translational medicine, 13(11), e1446.

Wishart CL, et al. (2023) Integrating transcriptomic datasets across neurological disease identifies unique myeloid subpopulations driving disease-specific signatures. Glia, 71(4), 904.

Sáez-Fuertes L, et al. (2023) Effect of Rotavirus Infection and 2'-Fucosyllactose Administration on Rat Intestinal Gene Expression. Nutrients, 15(8).

Rust R, et al. (2023) Ischemic stroke-related gene expression profiles across species: a meta-analysis. Journal of inflammation (London, England), 20(1), 21.

Wang R, et al. (2023) Time space and single-cell resolved tissue lineage trajectories and laterality of body plan at gastrulation. Nature communications, 14(1), 5675.

Del Giudice G, et al. (2023) An ancestral molecular response to nanomaterial particulates. Nature nanotechnology, 18(8), 957.

Dahal S, et al. (2023) Mechanism for Utilization of the Populus-Derived Metabolite Salicin by a Pseudomonas-Rahnella Co-Culture. Metabolites, 13(2).