Resource Summary Report

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DEDS

RRID:SCR_001339
Type: Tool

Proper Citation

DEDS (RRID:SCR_001339)

Resource Information

URL: http://www.bioconductor.org/packages/release/bioc/html/DEDS.html

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Description: Software library that contains functions that calculate various statistics of differential expression for microarray data, including t statistics, fold change, F statistics, SAM, moderated t and F statistics and B statistics. It also implements methodology (Differential Expression via Distance Summary) which selects differentially expressed genes by integrating and summarizing a set of statistics using a weighted distance approach.

Abbreviations: DEDS

Synonyms: Differential Expression via Distance Summary, Differential Expression via Distance Summary for Microarray Data

Resource Type: software resource

Keywords: differential expression, microarray

Funding:

Availability: GNU Lesser General Public License

Resource Name: DEDS

Resource ID: SCR_001339

Alternate IDs: OMICS_02002

Record Creation Time: 20220129T080207+0000

Record Last Update: 20250410T064704+0000

Ratings and Alerts

No rating or validation information has been found for DEDS.

No alerts have been found for DEDS.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Natu K, et al. (2024) cFLIP - An interacting partner and a novel substrate for pro-apoptotic serine protease HtrA2. Biochemistry and biophysics reports, 38, 101682.

Pranantyo D, et al. (2024) Hydrogel dressings with intrinsic antibiofilm and antioxidative dual functionalities accelerate infected diabetic wound healing. Nature communications, 15(1), 954.

Chen JY, et al. (2023) Cell-Sized Lipid Vesicles as Artificial Antigen-Presenting Cells for Antigen-Specific T Cell Activation. Advanced healthcare materials, 12(12), e2203163.

Lin SW, et al. (2020) The Relationship of Urbanization and Performance of Activity and Participation Functioning among Adults with Developmental Disabilities in Taiwan. International journal of environmental research and public health, 17(20).

Hwang AW, et al. (2020) Structural Validity of an ICF-Based Measure of Activity and Participation for Children in Taiwan's Disability Eligibility Determination System. International journal of environmental research and public health, 17(17).

Bolle ECL, et al. (2020) An in vitro Reconstructed Human Skin Equivalent Model to Study the Role of Skin Integration Around Percutaneous Devices Against Bacterial Infection. Frontiers in microbiology, 11, 670.

Li G, et al. (2020) RNA binding proteins involved in regulation of protein synthesis to initiate biogenesis of secondary tumor in hepatocellular carcinoma in mice. PeerJ, 8, e8680.

Poh SE, et al. (2020) Identification of Malassezia furfur Secreted Aspartyl Protease 1

(MfSAP1) and Its Role in Extracellular Matrix Degradation. Frontiers in cellular and infection microbiology, 10, 148.

Chen M, et al. (2018) VIPER: variability-preserving imputation for accurate gene expression recovery in single-cell RNA sequencing studies. Genome biology, 19(1), 196.

Wang H, et al. (2018) Modified Backtracking Search Optimization Algorithm Inspired by Simulated Annealing for Constrained Engineering Optimization Problems. Computational intelligence and neuroscience, 2018, 9167414.

Aghdam R, et al. (2017) The Ability of Different Imputation Methods to Preserve the Significant Genes and Pathways in Cancer. Genomics, proteomics & bioinformatics, 15(6), 396.

Solvang HK, et al. (2016) Gene expression analysis supports tumor threshold over 2.0 cm for T-category breast cancer. EURASIP journal on bioinformatics & systems biology, 2016(1), 6.

Mason MK, et al. (2015) Retinoic acid-independent expression of Meis2 during autopod patterning in the developing bat and mouse limb. EvoDevo, 6, 6.

Putluri N, et al. (2014) Pathway-centric integrative analysis identifies RRM2 as a prognostic marker in breast cancer associated with poor survival and tamoxifen resistance. Neoplasia (New York, N.Y.), 16(5), 390.

Haworth NL, et al. (2007) Evaluating the stability of disulfide bridges in proteins: a torsional potential energy surface for diethyl disulfide. Molecular simulation, 33(6-8), 475.