Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 8, 2025

sva package

RRID:SCR_012836
Type: Tool

Proper Citation

sva package (RRID:SCR_012836)

Resource Information

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

Proper Citation: sva package (RRID:SCR_012836)

Description: Contains functions for removing batch effects and other unwanted variation in high-throughput experiment.

Abbreviations: sva package

Synonyms: Surrogate Variable Analysis

Resource Type: software resource

Funding:

Resource Name: sva package

Resource ID: SCR_012836

Alternate IDs: OMICS_00861

Record Creation Time: 20220129T080312+0000

Record Last Update: 20250214T183218+0000

Ratings and Alerts

No rating or validation information has been found for sva package.

No alerts have been found for sva package.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 64 mentions in open access literature.

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

Liao Y, et al. (2024) Protocol to analyze immune cells in the tumor microenvironment by transcriptome using machine learning. STAR protocols, 5(1), 102684.

Simmons SK, et al. (2024) Experimental and Computational Methods for Allelic Imbalance Analysis from Single-Nucleus RNA-seq Data. bioRxiv : the preprint server for biology.

Lu Y, et al. (2024) Development and experimental validation of an energy metabolism-related gene signature for diagnosing of osteoporosis. Scientific reports, 14(1), 8153.

Bayat H, et al. (2024) CRISPR/Cas9-mediated deletion of a GA-repeat in human GPM6B leads to disruption of neural cell differentiation from NT2 cells. Scientific reports, 14(1), 2136.

Xiao Z, et al. (2024) Identification and immunological characterization of genes associated with ferroptosis in Alzheimer's disease and experimental demonstration. Molecular medicine reports, 30(3).

Sasidharan K, et al. (2024) IL32 downregulation lowers triglycerides and type I collagen in di-lineage human primary liver organoids. Cell reports. Medicine, 5(1), 101352.

Johnston RA, et al. (2024) DNA methylation-environment interactions in the human genome. eLife, 12.

Pettinella F, et al. (2024) Surface CD52, CD84, and PTGER2 mark mature PMN-MDSCs from cancer patients and G-CSF-treated donors. Cell reports. Medicine, 5(2), 101380.

Umeda M, et al. (2024) A new genomic framework to categorize pediatric acute myeloid leukemia. Nature genetics, 56(2), 281.

Yue W, et al. (2024) Identifying lncRNAs and mRNAs related to survival of NSCLC based on bioinformatic analysis and machine learning. Aging, 16(9), 7799.

Sun Y, et al. (2024) Integrated multi-omics profiling to dissect the spatiotemporal evolution of metastatic hepatocellular carcinoma. Cancer cell, 42(1), 135.

Ascenção C, et al. (2024) A TOPBP1 allele causing male infertility uncouples XY silencing dynamics from sex body formation. eLife, 12.

Yu Z, et al. (2024) Thermal facial image analyses reveal quantitative hallmarks of aging and

metabolic diseases. Cell metabolism, 36(7), 1482.

Huang S, et al. (2023) Identification of a diagnostic model and molecular subtypes of major depressive disorder based on endoplasmic reticulum stress-related genes. Frontiers in psychiatry, 14, 1168516.

Umeda M, et al. (2023) Proposal of a new genomic framework for categorization of pediatric acute myeloid leukemia associated with prognosis. Research square.

Bayat H, et al. (2023) Synthetic miR-21 decoy circularized by tRNA splicing mechanism inhibited tumorigenesis in glioblastoma in vitro and in vivo models. Molecular therapy. Nucleic acids, 32, 432.

Wang L, et al. (2023) The maturation and aging trajectory of Marchantia polymorpha at single-cell resolution. Developmental cell, 58(15), 1429.

Habgood-Coote D, et al. (2023) Diagnosis of childhood febrile illness using a multi-class blood RNA molecular signature. Med (New York, N.Y.), 4(9), 635.

Ng M, et al. (2023) Myeloid leukemia vulnerabilities embedded in long noncoding RNA locus MYNRL15. iScience, 26(10), 107844.

O'Toole SM, et al. (2023) Molecularly targetable cell types in mouse visual cortex have distinguishable prediction error responses. Neuron, 111(18), 2918.