Resource Summary Report

Generated by NIF on May 15, 2025

EBSeq

RRID:SCR 003526

Type: Tool

Proper Citation

EBSeq (RRID:SCR_003526)

Resource Information

URL: http://www.biostat.wisc.edu/~kendzior/EBSEQ/

Proper Citation: EBSeq (RRID:SCR_003526)

Description: Software R package for RNA-Seq Differential Expression Analysis.

Abbreviations: EBSeq

Resource Type: software resource

Defining Citation: PMID:23428641, DOI:10.1093/bioinformatics/btt087

Keywords: bio.tools

Funding:

Resource Name: EBSeq

Resource ID: SCR_003526

Alternate IDs: biotools:ebseq, OMICS_01307

Alternate URLs: https://bio.tools/ebseq, https://sources.debian.org/src/r-bioc-ebseq/

Record Creation Time: 20220129T080219+0000

Record Last Update: 20250420T014145+0000

Ratings and Alerts

No rating or validation information has been found for EBSeq.

No alerts have been found for EBSeq.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 540 mentions in open access literature.

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

Tsubaki T, et al. (2025) Aging and cell expansion enhance microRNA diversity in small extracellular vesicles produced from human adipose-derived stem cells. Cytotechnology, 77(1), 15.

Wang S, et al. (2025) AGDMP1 alleviates insulin resistance by modulating heat shock protein 60-mediated IRS-1/AKT/GLUT4 pathway and adipose inflammation: A potential therapeutic peptide for gestational diabetes mellitus. FASEB journal: official publication of the Federation of American Societies for Experimental Biology, 39(2), e70339.

Wang C, et al. (2025) Identifying Candidate Genes Related to Soybean (Glycine max) Seed Coat Color via RNA-Seq and Coexpression Network Analysis. Genes, 16(1).

Zhao M, et al. (2025) Genetic variation in IL-4 activated tissue resident macrophages determines strain-specific synergistic responses to LPS epigenetically. Nature communications, 16(1), 1030.

S DSN, et al. (2025) Gene expression analysis reveals mir-29 as a linker regulatory molecule among rheumatoid arthritis, inflammatory bowel disease, and dementia: Insights from systems biology approach. PloS one, 20(1), e0316584.

Qiu H, et al. (2025) Human Umbilical Cord-Mesenchymal Stem Cells Combined With Low Dosage Nintedanib Rather Than Using Alone Mitigates Pulmonary Fibrosis in Mice. Stem cells international, 2025, 9445735.

Sun C, et al. (2024) Harnessing biosynthesized selenium nanoparticles for recruitment of beneficial soil microbes to plant roots. Cell host & microbe, 32(12), 2148.

Prabahar A, et al. (2024) Unraveling the complex relationship between mRNA and protein abundances: a machine learning-based approach for imputing protein levels from RNA-seq data. NAR genomics and bioinformatics, 6(1), Iqae019.

Zheng S, et al. (2024) The OsAGO2-OsNAC300-OsNAP module regulates leaf senescence

in rice. Journal of integrative plant biology, 66(11), 2395.

Lawler NB, et al. (2024) Transcriptomic Analysis Reveals the Heterogeneous Role of Conducting Films Upon Electrical Stimulation. Advanced healthcare materials, 13(32), e2400364.

Makabe K, et al. (2024) Baricitinib ameliorates inflammatory and neuropathic pain in collagen antibody-induced arthritis mice by modulating the IL-6/JAK/STAT3 pathway and CSF-1 expression in dorsal root ganglion neurons. Arthritis research & therapy, 26(1), 121.

Morasso C, et al. (2024) Exploring the anti-inflammatory effects of curcumin encapsulated within ferritin nanocages: a comprehensive in vivo and in vitro study in Alzheimer's disease. Journal of nanobiotechnology, 22(1), 718.

Ma X, et al. (2024) Bisphenol A Disrupts Ribosome Function during Ovarian Development of Mice. Toxics, 12(9).

Ma Q, et al. (2024) Tissue-specific transcriptome analyses unveils candidate genes for flavonoid biosynthesis, regulation and transport in the medicinal plant llex asprella. Scientific reports, 14(1), 29999.

Allen KN, et al. (2024) Hypoxia exposure blunts angiogenic signaling and upregulates the antioxidant system in endothelial cells derived from elephant seals. BMC biology, 22(1), 91.

Zhao M, et al. (2024) Genetic variation in IL-4 activated tissue resident macrophages alters the epigenetic state to determine strain specific synergistic responses to LPS. Research square.

Gómez MA, et al. (2024) Innate biosignature of treatment failure in human cutaneous leishmaniasis. Research square.

Teng Z, et al. (2024) Topoisomerase I is an Evolutionarily Conserved Key Regulator for Satellite DNA Transcription. bioRxiv: the preprint server for biology.

Ala U, et al. (2024) RNA-binding protein transcripts as potential biomarkers for detecting Primary Sclerosing Cholangitis and for predicting its progression to Cholangiocarcinoma. Frontiers in molecular biosciences, 11, 1388294.

Liu Z, et al. (2024) Combination of transcriptomic, biochemical, and physiological analyses reveals sugar metabolism in Camellia drupifera fruit at different developmental stages. Frontiers in plant science, 15, 1424284.