

# Resource Summary Report

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## EBSeq

RRID:SCR\_003526

Type: Tool

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### Proper Citation

EBSeq (RRID:SCR\_003526)

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### 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](https://doi.org/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:** 20250214T183030+0000

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### Ratings and Alerts

No rating or validation information has been found for EBSeq.

No alerts have been found for EBSeq.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## 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.

Prabhar 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), lqae019.

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

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

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.

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

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 *Ilex 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.