

Resource Summary Report

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DEGseq

RRID:SCR_008480

Type: Tool

Proper Citation

DEGseq (RRID:SCR_008480)

Resource Information

URL: <http://www.bioconductor.org/packages/2.6/bioc/html/DEGseq.html>

Proper Citation: DEGseq (RRID:SCR_008480)

Description: R package to identify differentially expressed genes from RNA-Seq data.

Abbreviations: DEGseq

Resource Type: software resource

Resource Name: DEGseq

Resource ID: SCR_008480

Alternate IDs: OMICS_01305

Record Creation Time: 20220129T080247+0000

Record Last Update: 20260815T182347+0000

Ratings and Alerts

No rating or validation information has been found for DEGseq.

No alerts have been found for DEGseq.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1729 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Zhu Y, et al. (2026) Multi-omics exploration of hypoxia in gastric cancer. *World journal of surgical oncology*, 24(1).

Qu R, et al. (2026) The Jasmonate-Responsive SmMPK3-SmWRKY33 Module Positively Regulates Tanshinone Biosynthesis in *Salvia miltiorrhiza*. *Plant biotechnology journal*, 24(2), 384.

Li D, et al. (2026) NK-cell-derived exosomes exert antitumor potency via miR-140/XYLT1/HSPG2 axis. *Cellular & molecular biology letters*, 31(1).

Zhang Z, et al. (2026) Effects of synthetic breast milk on the gut metagenome and whole blood transcriptome in lambs. *BMC veterinary research*, 22(1).

Zhang Y, et al. (2026) Deciphering the Biosynthetic Pathways and Regulatory Networks of the Active Components of *Cibotium barometz* by Transcriptomic Analysis. *International journal of molecular sciences*, 27(4).

Chen R, et al. (2026) Natural Elicitor 3,4-Dihydroxy-3-Methyl-2-Pentanone Induces Disease Resistance in *Arabidopsis thaliana* via Stereoisomer-Specific Activation of Defence Pathways. *Plants (Basel, Switzerland)*, 15(4).

Xiao D, et al. (2026) Poplar miR1447 Is a Negative Regulator of Disease Resistance Through the SA-Dependent Pathway. *Plant biotechnology journal*, 24(6), 3616.

Wang YH, et al. (2026) The complex subunit VdAP-2? regulates polar growth, ergosterol metabolism, and virulence in *Verticillium dahliae*. *Virulence*, 17(1), 2647468.

Liu HB, et al. (2026) Integrated Metabolomics and Transcriptomics Analysis of Exogenous Arginine-Mediated Sucrose Accumulation in Sugarcane. *International journal of molecular sciences*, 27(12).

Zhang YJ, et al. (2026) Harziachalasin A-G, polycyclic-fused cytochalasins from the endophytic fungus *Trichoderma harzianum* MLJ-4 with HIV latency reversal activity. *Natural products and bioprospecting*, 16(1), 18.

Liang J, et al. (2026) The Novel ROCK Inhibitor Fasudil Derivative Fasudil-D-6h Prevents Tumour Progression by Regulating the Adherens Junction Signalling Pathway in Triple-Negative Breast Cancer. *Breast cancer (Dove Medical Press)*, 18, 547003.

Zou W, et al. (2026) Adiponectin deficiency drives cerebrovascular dysfunction and synergizes with amyloid-? to exacerbate alzheimer's pathology. *Alzheimer's research & therapy*, 18(1).

Dai XH, et al. (2026) Comparative Metabolomic and Transcriptomic Analyses Identify Candidate Genes Associated with Flavonoid Accumulation and Phenylpropanoid Metabolism in Large-Fruited Hawthorn (*Malus doumeri* (Bois) Chev.). *Molecules (Basel, Switzerland)*, 31(11).

Chen S, et al. (2026) Sprayable lipid-based lubricated hydrogel coating for alleviating catheter-related mucosal damage and pain. *Bioactive materials*, 66, 36.

Yang ZB, et al. (2026) Human Breast Milk-Derived Exosomal FP671120.4 Inhibits Macrophage M1 Polarization via Modulating the ELAVL1/Nrf2 Axis in Sepsis-Associated Liver Injury. *The Kaohsiung journal of medical sciences*, 42(2), e70108.

Zhang P, et al. (2026) Artificial exosomes synergistically reshape sepsis immune homeostasis by modulating neutrophil fate and blocking PD-1/PD-L1. *Cell reports. Medicine*, 7(6), 102819.

Yang F, et al. (2026) γ -Thujaplicin Mobilizes Renal Tubular Iron to Alleviate Diabetic Kidney Disease. *Renal failure*, 48(1), 2657666.

Chen WT, et al. (2026) Functional genomic analysis reveals HAVCR1 as the key regulator of 5q33.3 locus linked to hyperlipidemia. *HGG advances*, 7(3), 100630.

Huang R, et al. (2026) Cancer-associated adipocytes confer CDK4/6 inhibitor resistance in ER+ breast cancer through an IL-6/STAT3/SREBF2 axis coupled with cholesterol metabolism and cell cycle reprogramming. *International journal of biological sciences*, 22(11), 6218.

Guo X, et al. (2026) Macrophage-Derived CuET Vesicles Synergistically Enhance Paclitaxel Efficacy by Inhibiting Tumor Growth and Boosting Immunity in Breast Cancer. *International journal of nanomedicine*, 21, 570540.