

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: 20260801T190345+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 1643 mentions in open access literature.

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

Zhang B, et al. (2026) Human papillomavirus E7 inhibits immune responses in keratinocytes by activating HTRA1-mediated mitophagy. *International journal of molecular medicine*, 57(1).

Wei L, et al. (2025) Responses of the Coral Symbiont *Cladocopium goreau* to Extreme Temperature Stress in Relatively High-Latitude Reefs, South China Sea. *Microbial ecology*, 88(1), 88.

Peng G, et al. (2025) Cancer cell SPOCD1 promotes colorectal cancer liver metastasis by activating the CXCL12/CXCR4 signaling pathway in cancer-associated fibroblasts. *Journal of translational medicine*, 23(1), 902.

Cheng C-J, et al. (2025) Extracellular vesicles from fifth-stage larval *Angiostrongylus cantonensis* upregulate cholesterol biosynthesis and suppress NLRP2-associated inflammatory responses in mouse astrocytes. *mSystems*, 10(1), e0101424.

Wei CH, et al. (2025) E3 ligase TRIM8 suppresses lung cancer metastasis by targeting MYOF degradation through K48-linked polyubiquitination. *Cell death & disease*, 16(1), 88.

Chang CC, et al. (2025) Structural and Functional Insights into Targeting GCCG Sites in the EGFR Promoter by Two DNA Intercalators to Inhibit Breast Cancer Metastasis. *Journal of medicinal chemistry*, 68(6), 6601.

Wen Z, et al. (2025) Integrated Analyses of the Mechanism of Flower Color Formation in Alfalfa (*Medicago sativa*). *Metabolites*, 15(2).

Gao Y, et al. (2025) Preliminary exploration of mRNA, lncRNA, and miRNA expressions in the bovine jejunum unveils novel aspects of *Mycobacterium avium* subspecies paratuberculosis infections. *BMC genomics*, 26(1), 108.

Zhao Y, et al. (2025) The involvement of TRPV1 in the apoptosis of spermatogenic cells in the testis of mice with cryptorchidism. *Cell death discovery*, 11(1), 135.

Wei Y, et al. (2025) A panel of six immune-related mRNAs as biomarkers for tuberculosis diagnosis. *Frontiers in genetics*, 16, 1544007.

Fang Y, et al. (2025) NUPR1 Promotes Radioresistance in Colorectal Cancer Cells by Inhibiting Ferroptosis. *Journal of cellular and molecular medicine*, 29(7), e70519.

Jeon G, et al. (2025) Impact of Culture Duration on the Properties and Functionality of Yeast-Derived Extracellular Vesicles. *Biomaterials research*, 29, 0201.

Farhan M, et al. (2025) Identification of Leaf Rust-Related Gene Signature in Wheat (*Triticum Aestivum* L.) Using High-Throughput Sequencing, Network Analysis, and Machine Learning Algorithms. *Rice (New York, N.Y.)*, 18(1), 82.

Yu M, et al. (2025) Transcriptomic analysis reveals regulatory mechanisms of lncRNAs and mRNAs in hulless barley in response to cold stress. *BMC plant biology*, 25(1), 1357.

Wang K, et al. (2025) Alpha hemolysin enhances the immune response by modulating dendritic cell differentiation via ADAM10-Notch signaling. *Signal transduction and targeted therapy*, 10(1), 334.

Mi X, et al. (2025) Transcriptome sequencing revealed the regulation of stem internode length associated with mechanical harvesting in three tea varieties. *Frontiers in plant science*, 16, 1626915.

Mai Z, et al. (2025) METTL1-driven epitranscriptomic enhancement of TXNDC12 boosts c-Myc stability through USP5 in HNSCC. *Experimental & molecular medicine*, 57(8), 1743.

Zhao H, et al. (2025) The regulatory network of *Coprinopsis cinerea* transcription factor Skn7 collaborates with bHLH1 during fungal-fungal interactions. *Microbiology spectrum*, 13(9), e0048425.

Song J, et al. (2025) Florigen and Florigen-Like Genes Regulate Temperature-Responsive Flowering in Tomato. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(39), e06711.

Gong M, et al. (2025) The Multitarget Compound ZLY032 Achieves Treatment of Chronic Wounds. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(37), e03098.