Resource Summary Report

Generated by dkNET on Apr 25, 2025

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

Funding:

Resource Name: DEGseq

Resource ID: SCR_008480

Alternate IDs: OMICS_01305

Record Creation Time: 20220129T080247+0000

Record Last Update: 20250420T014425+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 1490 mentions in open access literature.

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

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.

Jian D, et al. (2025) METTL3-Mediated m6A Modification of ISG15 mRNA Regulates Doxorubicin-Induced Endothelial Cell Apoptosis. Journal of cellular and molecular medicine, 29(1), e70339.

Chang CC, et al. (2025) NRICM101 in combatting COVID-19 induced brain fog: Neuroprotective effects and neurovascular integrity preservation in hACE2 mice. Journal of traditional and complementary medicine, 15(1), 36.

Zhang Q, et al. (2025) Connexin 43 contributes to perioperative neurocognitive disorder by attenuating perineuronal net of hippocampus in aged mice. Cellular and molecular life sciences : CMLS, 82(1), 37.

Mitra R, et al. (2025) Genetic identification of acetyl-CoA synthetases involved in acetate activation in Haloferax mediterranei. Applied and environmental microbiology, 91(1), e0184324.

Fu Q, et al. (2025) Sugemule-7 alleviates oxidative stress, neuroinflammation, and cell death, promoting synaptic plasticity recovery in mice with postpartum depression. Scientific reports, 15(1), 1426.

Wang Z, et al. (2025) OsFKBP12 transduces the sucrose signal from OsNIN8 to the OsTOR pathway in a loosely binding manner for cell division. iScience, 28(1), 111555.

Wei X, et al. (2025) CircUCK2(2,3) promotes cancer progression and enhances synergistic cytotoxicity of lenvatinib with EGFR inhibitors via activating CNIH4-TGF?-EGFR signaling. Cellular & molecular biology letters, 30(1), 15.

Wen X, et al. (2025) Inhibition of the neddylation E2 enzyme UBE2M in macrophages protects against E. coli-induced sepsis. The Journal of biological chemistry, 301(1), 108085.

Shu L, et al. (2025) Comparative Transcriptomic Analysis Reveals New Insights into Spawn Aging in Agaricus bisporus: Mitochondrial Dysfunction. International journal of molecular sciences, 26(2).

Huang X, et al. (2025) Lipopolysaccharide-induced active telocyte exosomes alleviate

lipopolysaccharide-induced vascular barrier disruption and acute lung injury via the activation of the miRNA-146a-5p/caspase-3 signaling pathway in endothelial cells. Burns & trauma, 13, tkae074.

Zhou H, et al. (2025) Oestrogen suppresses the adipogenesis of fibro/adipogenic progenitors through reactivating the METTL3-ESR1-mediated loop in post-menopausal females. Clinical and translational medicine, 15(2), e70206.

Liu T, et al. (2025) Deciphering the therapeutic effects of Xiyanping injection: insights into pulmonary and gut microbiome modulation, SerpinB2/PAI-2 targeting, and alleviation of influenza a virus-induced lung injury. Virology journal, 22(1), 19.

Wang Y, et al. (2025) Transcriptome, miRNA, and degradome sequencing reveal the leaf stripe (Pyrenophora graminea) resistance genes in Tibetan hulless barley. BMC plant biology, 25(1), 71.

Jiao M, et al. (2025) Molybdate uptake interplay with ROS tolerance modulates bacterial pathogenesis. Science advances, 11(3), eadq9686.

Gao Y, et al. (2024) PiRNA hsa_piR_019914 Promoted Chondrocyte Anabolic Metabolism By Inhibiting LDHA-Dependent ROS Production. Cartilage, 15(3), 303.

Tan W, et al. (2024) Transcriptomic and bioinformatics analysis of the mechanism by which erythropoietin promotes recovery from traumatic brain injury in mice. Neural regeneration research, 19(1), 171.

Modi N, et al. (2024) BRD4 Regulates Glycolysis-Dependent Nos2 Expression in Macrophages Upon H pylori Infection. Cellular and molecular gastroenterology and hepatology, 17(2), 292.

Wang H, et al. (2024) The pathogenic mechanism of syndactyly type V identified in a Hoxd13Q50R knock-in mice. Bone research, 12(1), 21.

He W, et al. (2024) Overexpression of Let-7a mitigates diploidization in mouse androgenetic haploid embryonic stem cells. iScience, 27(5), 109769.