Resource Summary Report

Generated by kravitz2 on Aug 1, 2026

Goseq

RRID:SCR_017052
Type: Tool

Proper Citation

Goseq (RRID:SCR_017052)

Resource Information

URL: https://bioconductor.org/packages/release/bioc/html/goseq.html

Proper Citation: Goseq (RRID:SCR_017052)

Description: Software application for performing Gene Ontology analysis on RNAseq data and other length biased data. Used to reduce complexity and highlight biological processes in genome wide expression studies.

Resource Type: data processing software, data analysis software, software application, software resource

Defining Citation: PMID:20132535

Keywords: Gene, Ontology, analysis, RNAseq, data, sequencing, genome, expression, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: Goseq

Resource ID: SCR_017052

Alternate IDs: biotools:goseq

Alternate URLs: https://bio.tools/goseq

License: LGPL

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260801T042804+0000

Ratings and Alerts

No rating or validation information has been found for Goseq.

No alerts have been found for Goseq.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 354 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Eierman LE, et al. (2025) Exposure to plastic debris alters expression of biomineralization, immune, and stress-related genes in the eastern oyster (Crassostrea virginica). PloS one, 20(4), e0319165.

He T, et al. (2025) The potential mechanism of MicroRNA involvement in the regulation of muscle development in weaned piglets by tryptophan and its metabolites. BMC genomics, 26(1), 330.

Brock MT, et al. (2025) Characterization of transcriptional and metabolic responses to a complex plant growth-promoting soil inoculum. Plant biology (Stuttgart, Germany), 27(6), 990.

Malkmus J, et al. (2025) WNT signaling coordinately controls mouse limb bud outgrowth and establishment of the digit-interdigit pattern. Development (Cambridge, England), 152(11).

Sokolova IM, et al. (2025) Unravelling Hypoxia Tolerance: Transcriptomic and Metabolic Insights From Lucinoma capensis in an Oxygen Minimum Zone. Molecular ecology, 34(24), e70194.

Wang L, et al. (2025) Uclacyanin MtUC1 Is Involved in the Regulation of Nodule Senescence in Medicago truncatula. Molecular plant pathology, 26(11), e70171.

Huang Z, et al. (2025) Transcriptomic insights into the resistance mechanism of Penaeus vannamei against highly lethal Vibrio parahaemolyticus. Scientific reports, 15(1), 13490.

Wu J, et al. (2025) Comparative phenotypic and transcriptomic analyses reveal the potential molecular basis of forming bigger leaf blade in autotetraploid castor bean. BMC plant biology, 25(1), 1223.

Li S, et al. (2025) Exosomes originating from neural stem cells undergoing necroptosis participate in cellular communication by inducing TSC2 upregulation of recipient cells following spinal cord injury. Neural regeneration research, 20(11), 3273.

Page PM, et al. (2025) MicroRNA profiling identifies VHL/HIF-2? dependent miR-2355-5p as a key modulator of clear cell Renal cell carcinoma tumor growth. Cancer cell

international, 25(1), 71.

Monteiro LMO, et al. (2025) Metabolic profiling of two white-rot fungi during 4-hydroxybenzoate conversion reveals biotechnologically relevant biosynthetic pathways. Communications biology, 8(1), 224.

Lewis MT, et al. (2025) Host plant flooding stress in soybeans differentially impacts avirulent and virulent soybean aphid (Aphis glycines) biotypes. Scientific reports, 15(1), 4897.

Glombik M, et al. (2025) Rapid reprogramming and stabilization of homoeolog expression bias in hexaploid wheat biparental populations. Genome biology, 26(1), 147.

Du X, et al. (2025) Enhancing gut-ovary health in aged laying hens: the impact of dietary betaine supplementation. Poultry science, 104(4), 104894.

Noman M, et al. (2025) Bacterial extracellular biomolecules-derived multimodal manganese nanoparticles control watermelon Fusarium wilt by dysregulating fusaric acid biosynthesis pathway and precise tuning of rhizosphere metabolome. Journal of nanobiotechnology, 23(1), 452.

Wu J, et al. (2025) Poly-Lysine-Derived Carbon Quantum Dots Promote the Repair of Bone Defects in Osteomyelitis Through Antibacterial and Osteogenic Effects. International journal of nanomedicine, 20, 7199.

Zhang RG, et al. (2025) Reticulate allopolyploidy and subsequent dysploidy drive evolution and diversification in the cotton family. Nature communications, 16(1), 7480.

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.

Fan Z, et al. (2025) Xanthoxylin Regulating the Inflammatory Microenvironment After Spinal Cord Injury Through Inhibition of the NF-?B Signaling Pathway. Neuromolecular medicine, 27(1), 47.

Hu Y, et al. (2025) m6A reader IGF2BP1 facilitates macrophage glycolytic metabolism and fibrotic phenotype by stabilizing THBS1 mRNA to promote pulmonary fibrosis. Cellular and molecular life sciences : CMLS, 82(1), 157.