

Resource Summary Report

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Biobase

RRID:SCR_024224

Type: Tool

Proper Citation

Biobase (RRID:SCR_024224)

Resource Information

URL: <https://bioconductor.org/packages/release/bioc/html/Biobase.html>

Proper Citation: Biobase (RRID:SCR_024224)

Description: Software R package provides functions that are needed by many other packages or which replace R functions. Base functions for Bioconductor.

Resource Type: software resource, software toolkit

Keywords: Base functions for Bioconductor,

Availability: Free, Available for download, Freely available,

Resource Name: Biobase

Resource ID: SCR_024224

Alternate URLs: <https://sources.debian.org/src/r-bioc-biobase/>

Record Creation Time: 20230830T050216+0000

Record Last Update: 20260821T194250+0000

Ratings and Alerts

No rating or validation information has been found for Biobase.

No alerts have been found for Biobase.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Shastri A, et al. (2026) Confidence: a web app for cross-platform differential gene expression analysis, gene scoring, and enrichment analysis. *Scientific reports*, 16(1).

Salihoglu R, et al. (2026) Integrated Multi-Tissue Transcriptomics Reveals Antagonistic Pleiotropy in Aging and Alzheimer's Disease. *Computational and structural biotechnology journal*, 35(1), 0134.

Yang L, et al. (2025) Comprehensive integration of diagnostic biomarker analysis and immune cell infiltration features in sepsis via machine learning and bioinformatics techniques. *Frontiers in immunology*, 16, 1526174.

Rosti V, et al. (2025) Chromatin remodeling restrains oncogenic functions in prostate cancer. *Nature communications*, 16(1), 9174.

Misaghian S, et al. (2025) Transcriptional profiling identification of inflammatory signaling pathways in ulcerative colitis. *PloS one*, 20(9), e0330332.

Gupta S, et al. (2025) Gene function revealed at the moment of stochastic gene silencing. *Communications biology*, 8(1), 88.

Weinand K, et al. (2024) The chromatin landscape of pathogenic transcriptional cell states in rheumatoid arthritis. *Nature communications*, 15(1), 4650.

Wagner V, et al. (2024) Characterizing expression changes in noncoding RNAs during aging and heterochronic parabiosis across mouse tissues. *Nature biotechnology*, 42(1), 109.

Zeleznik OA, et al. (2023) Plasma metabolite profile for primary open-angle glaucoma in three US cohorts and the UK Biobank. *Nature communications*, 14(1), 2860.

Wu R, et al. (2023) Intratumoral Tumor Infiltrating Lymphocytes (TILs) are Associated With Cell Proliferation and Better Survival But Not Always With Chemotherapy Response in Breast Cancer. *Annals of surgery*, 278(4), 587.

Li YL, et al. (2023) Identification of Metabolism-Related Proteins as Biomarkers of Insulin Resistance and Potential Mechanisms of m6A Modification. *Nutrients*, 15(8).

Hacking JPR, et al. (2023) Deriving a continuum score for group 3 and 4 medulloblastoma tumor samples analyzed via RNA-sequencing or DNA methylation microarray. *STAR protocols*, 4(3), 102509.

Dressler FF, et al. (2022) Normics: Proteomic Normalization by Variance and Data-Inherent Correlation Structure. *Molecular & cellular proteomics : MCP*, 21(9), 100269.

Bechen LL, et al. (2022) Differential gene expression associated with a floral scent polymorphism in the evening primrose *Oenothera harringtonii* (Onagraceae). *BMC*

genomics, 23(1), 124.

Downing T, et al. (2022) Bacterial plasmid-associated and chromosomal proteins have fundamentally different properties in protein interaction networks. *Scientific reports*, 12(1), 19203.

Drongitis D, et al. (2022) Dereglulation of microtubule organization and RNA metabolism in Arx models for lissencephaly and developmental epileptic encephalopathy. *Human molecular genetics*, 31(11), 1884.

Forni MF, et al. (2021) An Immunometabolic Shift Modulates Cytotoxic Lymphocyte Activation During Melanoma Progression in TRPA1 Channel Null Mice. *Frontiers in oncology*, 11, 667715.

Tal de Lara P, et al. (2021) CD39+PD-1+CD8+ T cells mediate metastatic dormancy in breast cancer. *Nature communications*, 12(1), 769.

Ponzo S, et al. (2020) Efficacy of the Digital Therapeutic Mobile App BioBase to Reduce Stress and Improve Mental Well-Being Among University Students: Randomized Controlled Trial. *JMIR mHealth and uHealth*, 8(4), e17767.

Vey J, et al. (2019) A Toolbox for Functional Analysis and the Systematic Identification of Diagnostic and Prognostic Gene Expression Signatures Combining Meta-Analysis and Machine Learning. *Cancers*, 11(10).