

Resource Summary Report

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[seqbias](#)

RRID:SCR_006832

Type: Tool

Proper Citation

seqbias (RRID:SCR_006832)

Resource Information

URL: <http://bioconductor.org/packages/2.12/bioc/html/seqbias.html>

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Description: Software package that implements a model of per-position sequencing bias in high-throughput sequencing data using a simple Bayesian network, the structure and parameters of which are trained on a set of aligned reads and a reference genome sequence.

Abbreviations: seqbias

Synonyms: seqbias - Estimation of per-position bias in high-throughput sequencing data

Resource Type: software resource

Keywords: bio.tools

Availability: GNU Lesser General Public License

Resource Name: seqbias

Resource ID: SCR_006832

Alternate IDs: OMICS_01237, biotools:seqbias, BioTools:seqbias

Alternate URLs: <https://bio.tools/seqbias>, <https://bio.tools/seqbias>, <https://bio.tools/seqbias>

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260829T182253+0000

Ratings and Alerts

No rating or validation information has been found for seqbias.

No alerts have been found for seqbias.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Lin Y, et al. (2026) Integrative Omics Reveal Female-Specific Benefits of p16+ Cell Clearance in Aging Mice. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(3), e09444.

Ham DJ, et al. (2025) Muscle fiber Myc is dispensable for muscle growth and its forced expression severely perturbs homeostasis. *Nature communications*, 16(1), 3190.

Giordano G, et al. (2025) The cGAS-STING pathway is a master regulator of OCT4 expression in persistent sarcoma cells and enhances cellular immunotherapy with NK and CIK lymphocytes. *Cancer immunology, immunotherapy : CII*, 74(10), 312.

Ham AS, et al. (2025) Single-nuclei sequencing of skeletal muscle reveals subsynaptic-specific transcripts involved in neuromuscular junction maintenance. *Nature communications*, 16(1), 2220.

Hoof V, et al. (2025) Brain region-specific and systemic transcriptomic alterations in a human alpha-synuclein overexpressing rat model. *Aging*, 17(10), 2598.

Clark TC, et al. (2025) Immune cell-resolved transcriptomics provides insights into the basis for variations of fish genetic resistance to viral disease. *BMC biology*, 23(1), 348.

Crain AT, et al. (2024) *Drosophila melanogaster* Set8 and L(3)mbt function in gene expression independently of histone H4 lysine 20 methylation. *Genes & development*, 38(9-10), 455.

Sutherland L, et al. (2024) Secondary Analysis of Human Bulk RNA-Seq Dataset Suggests Potential Mechanisms for Letrozole Resistance in Estrogen-Positive (ER+) Breast Cancer. *Current issues in molecular biology*, 46(7), 7114.

Heim TE, et al. (2024) RNA-sequencing predicts a role of androgen receptor and aldehyde dehydrogenase 1A1 in osteosarcoma lung metastases. *Oncogene*, 43(14), 1007.

Bajželj M, et al. (2024) Deregulation in adult IgA vasculitis skin as the basis for the discovery of novel serum biomarkers. *Arthritis research & therapy*, 26(1), 85.

Giannoukakos S, et al. (2024) Assessing the complementary information from an increased number of biologically relevant features in liquid biopsy-derived RNA-Seq data. *Heliyon*, 10(6), e27360.

Hansen SSK, et al. (2024) Pulmonary maternal immune activation does not cross the placenta but leads to fetal metabolic adaptation. *Nature communications*, 15(1), 4711.

Morita K, et al. (2023) Rat Deconvolution as Knowledge Miner for Immune Cell Trafficking from Toxicogenomics Databases. *Toxicological sciences : an official journal of the Society of Toxicology*, 197(2), 121.

Kilzheimer A, et al. (2023) Failure of diet-induced transcriptional adaptations in alpha-synuclein transgenic mice. *Human molecular genetics*, 32(3), 450.

Ragu S, et al. (2023) A noncanonical response to replication stress protects genome stability through ROS production, in an adaptive manner. *Cell death and differentiation*, 30(5), 1349.

Davidson NR, et al. (2023) Molecular subtypes of high-grade serous ovarian cancer across racial groups and gene expression platforms. *bioRxiv : the preprint server for biology*.

Gómez-Pascual A, et al. (2023) Polyglucosan body density in the aged mouse hippocampus is controlled by a novel modifier locus on chromosome 1. *bioRxiv : the preprint server for biology*.

Brezovec N, et al. (2022) Molecular and Cellular Markers in Chlorhexidine-Induced Peritoneal Fibrosis in Mice. *Biomedicines*, 10(11).

Lenehan PJ, et al. (2021) Type 2 immunity is maintained during cancer-associated adipose tissue wasting. *Immunotherapy advances*, 1(1), ltab011.

Baranowski BJ, et al. (2021) Cerebrovascular insufficiency and amyloidogenic signaling in Ossabaw swine with cardiometabolic heart failure. *JCI insight*, 6(10).