# Resource Summary Report

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## BEADS

RRID:SCR_013229
Type: Tool

### Proper Citation

BEADS (RRID:SCR_013229)

### Resource Information

**URL:** http://beads.sourceforge.net/

**Proper Citation:** BEADS (RRID:SCR_013229)

**Description:** Software for a normalization scheme that corrects nucleotide composition bias, mappability variations and differential local DNA structural effects in deep sequencing data.

**Abbreviations:** BEADS

**Synonyms:** BEADS: Bias Elimination Algorithm for Deep Sequencing, Bias Elimination Algorithm for Deep Sequencing

**Resource Type:** software resource

**Defining Citation:** PMID:21646344

**Keywords:** bio.tools

**Funding:**

**Resource Name:** BEADS

**Resource ID:** SCR_013229

**Alternate IDs:** OMICS_00466, biotools:beads

**Alternate URLs:** https://bio.tools/beads

**Record Creation Time:** 20220129T080315+0000

**Record Last Update:** 20250410T070345+0000

## Ratings and Alerts

No rating or validation information has been found for BEADS.

No alerts have been found for BEADS.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 32 mentions in open access literature.

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


Garcia-Cabau C, et al. (2025) Mis-splicing of a neuronal microexon promotes CPEB4 aggregation in ASD. Nature, 637(8045), 496.

Dance A, et al. (2024) Exploring the role of purinergic receptor P2RY1 in type 2 diabetes risk and pathophysiology: Insights from human functional genomics. Molecular metabolism, 79, 101867.

Decsi K, et al. (2024) Transcriptome datasets of maize plant cultures treated with humic- and amino acids. Data in brief, 57, 110900.

Tang C, et al. (2024) Electrocatalytic hydrogenation of acetonitrile to ethylamine in acid. Nature communications, 15(1), 3233.

Alradi M, et al. (2024) A long-term high-fat diet induces differential gene expression changes in spatially distinct adipose tissue of male mice. Physiological genomics, 56(12), 819.

Wang X, et al. (2023) Robust Spontaneous Raman Flow Cytometry for Single-Cell Metabolic Phenome Profiling via pDEP-DLD-RFC. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 10(16), e2207497.

Turkalj S, et al. (2023) A protocol for simultaneous high-sensitivity genotyping and chromatin accessibility profiling in single cells. STAR protocols, 4(4), 102641.

Wang H, et al. (2023) Characterization of Stromatolite Organic Sedimentary Structure Based on Spectral Image Fusion. Sensors (Basel, Switzerland), 23(13).

Theofilatos D, et al. (2022) Protocol to isolate mature thymic T cell subsets using fluorescence-activated cell sorting for assessing gene expression by RNA-seq and transcription factor binding across the genome by CUT&RUN. STAR protocols, 3(4), 101839.

Iannetta M, et al. (2021) Baseline T-lymphocyte subset absolute counts can predict both

outcome and severity in SARS-CoV-2 infected patients: a single center study. Scientific reports, 11(1), 12762.

Choi W, et al. (2021) Functional Characterization of the mazEF Toxin-Antitoxin System in the Pathogenic Bacterium Agrobacterium tumefaciens. Microorganisms, 9(5).

Avramia I, et al. (2021) Spent Brewer's Yeast as a Source of Insoluble ?-Glucans. International journal of molecular sciences, 22(2).

Garcia A, et al. (2021) miR-204-5p and Platelet Function Regulation: Insight into a Mechanism Mediated by CDC42 and GPIIbIIIa. Thrombosis and haemostasis, 121(9), 1206.

Slyusarenko M, et al. (2021) Formation and Evaluation of a Two-Phase Polymer System in Human Plasma as a Method for Extracellular Nanovesicle Isolation. Polymers, 13(3).

Miller BF, et al. (2021) Assessing ZNF154 methylation in patient plasma as a multicancer marker in liquid biopsies from colon, liver, ovarian and pancreatic cancer patients. Scientific reports, 11(1), 221.

Park JE, et al. (2020) Efficient Capture and Raman Analysis of Circulating Tumor Cells by Nano-Undulated AgNPs-rGO Composite SERS Substrates. Sensors (Basel, Switzerland), 20(18).

Joshi B, et al. (2020) Transcriptome Profiling of Staphylococcus aureus Associated Extracellular Vesicles Reveals Presence of Small RNA-Cargo. Frontiers in molecular biosciences, 7, 566207.

Liu X, et al. (2020) Identifying the Related Genes of Muscle Growth and Exploring the Functions by Compensatory Growth in Mandarin Fish (Siniperca chuatsi). Frontiers in physiology, 11, 553563.

Morales Angeles D, et al. (2020) The PASTA domains of Bacillus subtilis PBP2B strengthen the interaction of PBP2B with DivIB. Microbiology (Reading, England), 166(9), 826.

Takata T, et al. (2019) Evidence for Toxic Advanced Glycation End-Products Generated in the Normal Rat Liver. Nutrients, 11(7).