

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 18, 2026

[beadarray](#)

RRID:SCR_001314

Type: Tool

Proper Citation

beadarray (RRID:SCR_001314)

Resource Information

URL: <http://www.bioconductor.org/packages/release/bioc/html/beadarray.html>

Proper Citation: beadarray (RRID:SCR_001314)

Description: Software package to read bead-level data (raw TIFFs and text files) output by BeadScan as well as bead-summary data from BeadStudio. Methods for quality assessment and low-level analysis are provided.

Abbreviations: beadarray

Synonyms: beadarray - Quality assessment and low-level analysis for Illumina BeadArray data

Resource Type: software resource

Defining Citation: [PMID:17586828](#)

Keywords: microarray, quality control, one channel, preprocessing, bio.tools

Availability: GNU General Public License, v2

Resource Name: beadarray

Resource ID: SCR_001314

Alternate IDs: OMICS_02021, biotools:beadarray

Alternate URLs: <https://bio.tools/beadarray>

License: MIT License

Record Creation Time: 20220129T080206+0000

Record Last Update: 20260912T195523+0000

Ratings and Alerts

No rating or validation information has been found for beadarray.

No alerts have been found for beadarray.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 123 mentions in open access literature.

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

Jurmeister P, et al. (2026) Spatially resolved ex vivo drug response profiling in SMARCB1-deficient sinonasal carcinoma. EMBO molecular medicine, 18(6), 2360.

Yasukawa Y, et al. (2026) Super-Enhancer Formation in Scirrhou Gastric CAFs, and the Presence of a Stromal Field in Non-Cancerous Tissues. Cancer science, 117(7), 1894.

Berico P, et al. (2026) Chromatin architecture and physical constriction cooperate in phenotype switching and cancer cell dissemination. bioRxiv : the preprint server for biology.

Sacks MF, et al. (2026) Combinatorial effects of gene dosage, polygenic background and environment on complex traits. medRxiv : the preprint server for health sciences.

Li BI, et al. (2025) The regulatory architecture of the primed pluripotent cell state. Nature communications, 16(1), 3351.

DeAngelis R, et al. (2025) Residential Segregation and Epigenetic Age Acceleration Among Older-Age Black and White Americans. International journal of environmental research and public health, 22(6).

Danielewicz H, et al. (2024) Cord blood methylation at TNFRSF17 is associated with early allergic phenotypes. Immunologic research, 72(6), 1259.

Cendrowski J, et al. (2024) NF- κ B and JNK pathways mediate metabolic adaptation upon ESCRT-I deficiency. Cellular and molecular life sciences : CMLS, 81(1), 458.

Lee HS, et al. (2024) The association between sleep quality and accelerated epigenetic aging with metabolic syndrome in Korean adults. Clinical epigenetics, 16(1), 92.

DeSouza-Vieira T, et al. (2024) Functional plasticity shapes neutrophil response to Leishmania major infection in susceptible and resistant strains of mice. PLoS pathogens, 20(10), e1012592.

Lucas-Herald AK, et al. (2024) Gonadal Function in Boys with Bilateral Undescended Testes. Journal of the Endocrine Society, 8(2), bvad153.

Krieger N, et al. (2024) Epigenetic Aging and Racialized, Economic, and Environmental Injustice: NIMHD Social Epigenomics Program. JAMA network open, 7(7), e2421832.

Alexander J, et al. (2024) Pathway-based signatures predict patient outcome, chemotherapy benefit and synthetic lethal dependencies in invasive lobular breast cancer. British journal of cancer, 130(11), 1828.

Ladd-Acosta C, et al. (2023) Analysis of Pregnancy Complications and Epigenetic Gestational Age of Newborns. JAMA network open, 6(2), e230672.

Sandberg M, et al. (2023) Bladder capacity as a benchmark for patient stratification in interstitial cystitis/bladder pain syndrome. Continence (Amsterdam, Netherlands), 8.

Krieger N, et al. (2023) Epigenetic aging & embodying injustice: US My Body My Story and Multi-Ethnic Atherosclerosis Study. medRxiv : the preprint server for health sciences.

Farmaki E, et al. (2023) ONC201/TIC10 enhances durability of mTOR inhibitor everolimus in metastatic ER+ breast cancer. eLife, 12.

Wang C, et al. (2022) Short- and intermediate-term exposure to ambient fine particulate elements and leukocyte epigenome-wide DNA methylation in older men: the Normative Aging Study. Environment international, 158, 106955.

Huang H, et al. (2021) Piwil1 Regulates Glioma Stem Cell Maintenance and Glioblastoma Progression. Cell reports, 34(1), 108522.

Balzano-Nogueira L, et al. (2021) Integrative analyses of TEDDY Omics data reveal lipid metabolism abnormalities, increased intracellular ROS and heightened inflammation prior to autoimmunity for type 1 diabetes. Genome biology, 22(1), 39.