

# Resource Summary Report

Generated by [RRID](#) on Sep 10, 2026

## [arrayQualityMetrics](#)

RRID:SCR\_001335

Type: Tool

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### Proper Citation

arrayQualityMetrics (RRID:SCR\_001335)

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### Resource Information

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

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**Description:** Software package that generates microarray quality metrics reports for data in Bioconductor microarray data containers (ExpressionSet, NChannelSet, AffyBatch). Reports contain both general and platform-specific sections. Both one and two color array platforms are supported.

**Abbreviations:** arrayQualityMetrics

**Synonyms:** Quality metrics on microarray data sets

**Resource Type:** software resource

**Defining Citation:** [PMID:19106121](#)

**Keywords:** microarray, quality control, report writing

**Availability:** Free, Available for download, Freely available

**Resource Name:** arrayQualityMetrics

**Resource ID:** SCR\_001335

**Alternate IDs:** OMICS\_02005

**License:** GNU Lesser General Public License, v2 or newer

**Record Creation Time:** 20220129T080206+0000

**Record Last Update:** 20260905T132433+0000

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### Ratings and Alerts

No rating or validation information has been found for arrayQualityMetrics.

No alerts have been found for arrayQualityMetrics.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 183 mentions in open access literature.

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

Radke K, et al. (2026) Repurposing statins and phenothiazines to treat chemoresistant neuroblastoma. *EMBO molecular medicine*, 18(2), 433.

Obratov D, et al. (2026) Evaluating Transcriptomic Biomarkers for rHuEPO Detection: Assessing the Impact of Exercise and Altitude Exposure. *Drug testing and analysis*, 18(4), 581.

Valadez-Ingersoll M, et al. (2026) Symbiotic state affects microbiome recovery in a facultatively symbiotic cnidarian. *Scientific reports*, 16(1).

Garcia de Herreros M, et al. (2025) Clinical and Transcriptomic Characterization of Metastatic Hormone-Sensitive Prostate Cancer Patients with Low PTEN Expression. *International journal of molecular sciences*, 26(13).

Saarimäki LA, et al. (2025) Comparison of Lung Inflammatory and Transcriptional Responses in Mice and Rats Following Pulmonary Exposure to a Fiber Paradigm-Compatible and Non-Compatible MWCNT. *Nanomaterials (Basel, Switzerland)*, 15(17).

González-Casimiro CM, et al. (2025) Decreased expression of insulin-degrading enzyme increases gluconeogenesis and glucose production in cultured hepatocytes administered with glucagon. *Scientific reports*, 15(1), 19168.

Yang C, et al. (2025) A multilevel genomic approach to uncover causal connections between CPFE and lung cancer subtypes: A two-sample Mendelian randomization study. *Medicine*, 104(34), e44050.

Viana-Mattioli S, et al. (2025) Plasma from hypertensive pregnancy patients induce endothelial dysfunction even under atheroprotective shear stress. *Scientific reports*, 15(1), 4675.

Reyes-Farias M, et al. (2025) Lipid-associated macrophages are more abundant in subcutaneous than visceral adipose tissue in patients with obesity. *Obesity (Silver Spring, Md.)*, 33(8), 1543.

Oster M, et al. (2025) Transcriptional and endocrine orchestration of medullary bone formation and mineral turn-over in female chickens. *Poultry science*, 104(11), 105798.

Zimmermann S, et al. (2025) Association of Lifestyle-Induced Weight Loss With Gene Expression in Subcutaneous Adipose Tissue in Metabolic Syndrome. *Journal of diabetes*, 17(4), e70083.

Singh G, et al. (2025) Discriminating activating, deactivating and resistance variants in protein kinases. *Genome medicine*, 17(1), 133.

Qasir H, et al. (2025) Effects of a transient lack of dietary mineral phosphorus on renal gene expression and plasma metabolites in two high-yielding laying hen strains. *BMC genomics*, 26(1), 129.

Zhou F, et al. (2025) Posttranscriptional activity of the eukaryotic translation initiation factor eIF4E contributes to HoxA9-driven leukemogenesis. *bioRxiv : the preprint server for biology*.

Wainer-Katsir K, et al. (2025) The transcriptomic fingerprint of cancer response to Tumor Treating Fields (TTFields). *Cell death discovery*, 11(1), 319.

Cuthbertson L, et al. (2024) Genomic attributes of airway commensal bacteria and mucosa. *Communications biology*, 7(1), 171.

Liu D, et al. (2024) Employing single-cell RNA sequencing coupled with an array of bioinformatics approaches to ascertain the shared genetic characteristics between osteoporosis and obesity. *Bone & joint research*, 13(10), 573.

Foda MY, et al. (2024) Atorvastatin lowers breast cancer risk by reversing an early tumorigenic signature. *Scientific reports*, 14(1), 17803.

Viet CT, et al. (2024) Artificial intelligence-based epigenomic, transcriptomic and histologic signatures of tobacco use in oral squamous cell carcinoma. *NPJ precision oncology*, 8(1), 130.

Omotoso AO, et al. (2024) Hepatic Transcriptomics of Broilers with Low and High Feed Conversion in Response to Caloric Restriction. *Metabolites*, 14(11).