

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

## MDQC

RRID:SCR\_001352

Type: Tool

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### Proper Citation

MDQC (RRID:SCR\_001352)

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### Resource Information

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

**Proper Citation:** MDQC (RRID:SCR\_001352)

**Description:** A multivariate quality assessment software for microarrays based on quality control (QC) reports. The Mahalanobis distance of an array's quality attributes is used to measure the similarity of the quality of that array against the quality of the other arrays. Then, arrays with unusually high distances can be flagged as potentially low-quality.

**Abbreviations:** MDQC

**Synonyms:** Mahalanobis Distance Quality Control for microarrays

**Resource Type:** software resource

**Defining Citation:** [PMID:17933854](#)

**Keywords:** microarray, quality control

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

**Resource Name:** MDQC

**Resource ID:** SCR\_001352

**Alternate IDs:** OMICS\_01987

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

**Record Creation Time:** 20220129T080207+0000

**Record Last Update:** 20260912T195524+0000

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### Ratings and Alerts

No rating or validation information has been found for MDQC.

No alerts have been found for MDQC.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.