# Resource Summary Report

Generated by RRID on Apr 11, 2025

## lumi

RRID:SCR_012781
Type: Tool

### Proper Citation

lumi (RRID:SCR_012781)

### Resource Information

**URL:** http://bioconductor.org/packages/release/bioc/html/lumi.html

**Proper Citation:** lumi (RRID:SCR_012781)

**Description:** Software that provides an integrated solution for the Illumina microarray data analysis.

**Abbreviations:** lumi

**Resource Type:** software resource

**Keywords:** bio.tools

**Funding:**

**Resource Name:** lumi

**Resource ID:** SCR_012781

**Alternate IDs:** biotools:lumi, OMICS_00770

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

**Record Creation Time:** 20220129T080312+0000

**Record Last Update:** 20250410T070305+0000

### Ratings and Alerts

No rating or validation information has been found for lumi.

No alerts have been found for lumi.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 311 mentions in open access literature.

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

Kim SJ, et al. (2025) Disruption of bioenergetics enhances the radio-sensitivity of patient-derived glioblastoma tumorspheres. Translational oncology, 51, 102197.

Graça M, et al. (2024) Distributed transformer for high order epistasis detection in large-scale datasets. Scientific reports, 14(1), 14579.

Liu R, et al. (2024) In vitro assessment of thyroid peroxidase inhibition by chemical exposure: comparison of cell models and detection methods. Archives of toxicology, 98(8), 2631.

Wlaz?owski G, et al. (2024) Fermionic quantum turbulence: Pushing the limits of high-performance computing. PNAS nexus, 3(5), pgae160.

Andersen GT, et al. (2024) Multi-bioinformatics revealed potential biomarkers and repurposed drugs for gastric adenocarcinoma-related gastric intestinal metaplasia. NPJ systems biology and applications, 10(1), 127.

Nicze M, et al. (2024) The Current and Promising Oral Delivery Methods for Protein- and Peptide-Based Drugs. International journal of molecular sciences, 25(2).

Park J, et al. (2024) Comparison of Glioblastoma Cell Culture Platforms Based on Transcriptional Similarity with Paired Tissue. Pharmaceuticals (Basel, Switzerland), 17(4).

Jang J, et al. (2024) Endocardial HDAC3 is required for myocardial trabeculation. Nature communications, 15(1), 4166.

Chen XF, et al. (2024) Integrative high-throughput enhancer surveying and functional verification divulges a YY2-condensed regulatory axis conferring risk for osteoporosis. Cell genomics, 4(3), 100501.

Wu Y, et al. (2024) Flu-CED: A comparative transcriptomics database of influenza virus-infected human and animal models. Animal models and experimental medicine, 7(6), 881.

Irani Shemirani M, et al. (2024) Transcriptional markers classifying Escherichia coli and

Staphylococcus aureus induced sepsis in adults: A data-driven approach. PloS one, 19(7), e0305920.

Dor H, et al. (2024) Schizophrenia Biomarkers: Blood Transcriptome Suggests Two Molecular Subtypes. Neuromolecular medicine, 26(1), 50.

Habgood-Coote D, et al. (2023) Diagnosis of childhood febrile illness using a multi-class blood RNA molecular signature. Med (New York, N.Y.), 4(9), 635.

Li Z, et al. (2023) The EstroGene Database Reveals Diverse Temporal, Context-Dependent, and Bidirectional Estrogen Receptor Regulomes in Breast Cancer. Cancer research, 83(16), 2656.

Meligova AK, et al. (2023) ER?1 Sensitizes and ER?2 Desensitizes ER?-Positive Breast Cancer Cells to the Inhibitory Effects of Tamoxifen, Fulvestrant and Their Combination with All-Trans Retinoic Acid. International journal of molecular sciences, 24(4).

Zeng R, et al. (2023) Investigating Causality and Shared Genetic Architecture between Neurodegenerative Disorders and Inflammatory Bowel Disease. Aging and disease, 14(4), 1349.

Nomoto H, et al. (2023) Potential usage of anterior nasal sampling in clinical practice with three rapid antigen tests for SARS-CoV-2. Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy, 29(1), 15.

Seddon AR, et al. (2023) Site-specific decreases in DNA methylation in replicating cells following exposure to oxidative stress. Human molecular genetics, 32(4), 632.

Krum-Hansen S, et al. (2023) Associations of breast cancer related exposures and gene expression profiles in normal breast tissue-The Norwegian Women and Cancer normal breast tissue study. Cancer reports (Hoboken, N.J.), 6(4), e1777.

Park J, et al. (2023) Classification of IDH wild-type glioblastoma tumorspheres into low- and high-invasion groups based on their transcriptional program. British journal of cancer, 129(7), 1061.