

Resource Summary Report

Generated by [ASWG](#) on Aug 2, 2026

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

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: 20260801T190451+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

Usage and Citation Metrics

We found 318 mentions in open access literature.

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

Alfaro-García JP, et al. (2025) Characterization of the Temporal Dynamics of the Endothelial-Mesenchymal-like Transition Induced by Soluble Factors from Dengue Virus Infection in Microvascular Endothelial Cells. *International journal of molecular sciences*, 26(5).

Wang M, et al. (2025) Evolution of macromolecular crystallography beamlines at the Swiss Light Source and SwissFEL. *Journal of synchrotron radiation*, 32(Pt 5), 1162.

Karhunen PJ, et al. (2025) Viridans Streptococcal Biofilm Evades Immune Detection and Contributes to Inflammation and Rupture of Atherosclerotic Plaques. *Journal of the American Heart Association*, 14(16), e041521.

Oh Y, et al. (2025) Restoring the glioblastoma tumor microenvironment by targeting C5a with the antagonist W54011. *Scientific reports*, 15(1), 44428.

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

Slangewal K, et al. (2025) Parallel and convergent pathways for multifeature visual processing in larval zebrafish sensorimotor decision-making. *bioRxiv : the preprint server for biology*.

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

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.

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

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.

Jafri S, et al. (2024) Translational profiling reveals novel gene expression changes in the direct and indirect pathways in a mouse model of levodopa induced dyskinesia. *Frontiers in cellular neuroscience*, 18, 1477511.

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).

Grünewald B, et al. (2024) Targeted rescue of synaptic plasticity improves cognitive decline in sepsis-associated encephalopathy. *Molecular therapy : the journal of the American Society of Gene Therapy*, 32(7), 2113.

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.

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.

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

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.