

# Resource Summary Report

Generated by T1D on Sep 5, 2026

## lumi

RRID:SCR\_012781

Type: Tool

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### Proper Citation

lumi (RRID:SCR\_012781)

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### 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:** 20260903T235139+0000

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### Ratings and Alerts

No rating or validation information has been found for lumi.

No alerts have been found for lumi.

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### Data and Source Information

## Usage and Citation Metrics

We found 319 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#) .

Bissa B, et al. (2026) SLC29A1/ENT1 and SLC29A3/ENT3 differentially regulate autophagy. *Autophagy*, 22(6), 1401.

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.

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.

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.

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.

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

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).

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.

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.

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