

Resource Summary Report

Generated by PRECISE-TBI on Sep 7, 2026

ImageQuant

RRID:SCR_014246

Type: Tool

Proper Citation

ImageQuant (RRID:SCR_014246)

Resource Information

URL:

http://www.gelifesciences.com/webapp/wcs/stores/servlet/catalog/en/GELifeSciences-us/products/AlternativeProductStructure_16016/29000605

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Description: Software for automatic general image analysis. It provides fully automatic analysis of 1-D gels including lane creation, background subtraction, band detection, molecular weight calibration, quantity calibration, and normalization. Editing tools are provided for cropping, rotating, and filtering images., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: IQTL

Synonyms: ImageQuant TL

Resource Type: data processing software, image analysis software, software application, software resource

Keywords: automatic image analysis, general image analysis, image analysis software

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: ImageQuant

Resource ID: SCR_014246

License URLs:

<http://www.gelifesciences.com/webapp/wcs/stores/servlet/catalog/en/GELifeSciences-us/about-us/terms-and-conditions/>

Record Creation Time: 20220129T080319+0000

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Ratings and Alerts

No rating or validation information has been found for ImageQuant.

No alerts have been found for ImageQuant.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9231 mentions in open access literature.

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

Li J, et al. (2026) PLGA nanoparticles restore acidic pH and degradative function to compromised lysosomes with Cy3-labeling providing enhanced tracking to lysosomes. American journal of physiology. Cell physiology, 330(2), C509.

Karim MR, et al. (2026) Internalized SNCA/?-synuclein fibrils become truncated and resist degradation in neurons while glial cells rapidly degrade SNCA fibrils. Autophagy, 22(1), 102.

Megid RA, et al. (2025) Sotorasib resistance triggers epithelial-mesenchymal transition and activates AKT and P38-mediated signaling. Frontiers in molecular biosciences, 12, 1537523.

Nath VR, et al. (2025) Ca²⁺ binding to Esyt modulates membrane contact site density in Drosophila photoreceptors. The Journal of cell biology, 224(5).

Musthafa T, et al. (2025) Altered Mitochondrial Bioenergetics and Calcium Kinetics in Young-Onset PLA2G6 Parkinson's Disease iPSCs. Journal of neurochemistry, 169(4), e70059.

Lindland K, et al. (2025) Preclinical Evaluation of PTK7-Targeted Radionuclide Therapy. Molecular cancer therapeutics, 24(9), 1415.

Thalhofer V, et al. (2025) An alternative adaptation strategy of the CCA-adding enzyme to accept noncanonical tRNA substrates in Ascaris suum. The Journal of biological chemistry, 301(4), 108414.

Lee HJ, et al. (2025) Multifunctional cosmetic potential of extracellular vesicle?like nanoparticles derived from the stem of Cannabis sativa in treating pigmentation disorders. Molecular medicine reports, 31(6).

McKenna MJ, et al. (2025) ARMC1 partitions between distinct complexes and assembles MIRO with MTFR to control mitochondrial distribution. Science advances, 11(15), eadu5091.

Wang Q, et al. (2025) AR+TREM2+ macrophage induced pathogenic immunosuppression promotes prostate cancer progression. *Nature communications*, 16(1), 6964.

He Y, et al. (2025) Conformational transitions of *Streptococcus pyogenes* Cas9 induced by salt and single-guide RNA binding. *The Journal of biological chemistry*, 301(2), 108120.

Tanimoto S, et al. (2025) BET inhibitor JQ1 induces apoptosis of ovarian and endometrial endometrioid carcinoma cells by downregulating c-Myc. *Oncology letters*, 29(3), 106.

Khophai S, et al. (2025) Black rice bran-derived anthocyanins attenuate cholangiocarcinoma cell migration via the alteration of epithelial-mesenchymal transition and sialylation. *Biomedical reports*, 22(2), 28.

Wang J, et al. (2025) A shared alarmone-GTP switch underlies triggered and spontaneous persistence. *Research square*.

Livingstone M, et al. (2025) Protective Efficacy of Decreasing Antigen Doses of a *Chlamydia abortus* Subcellular Vaccine Against Ovine Enzootic Abortion in a Pregnant Sheep Challenge Model. *Vaccines*, 13(1).

Mohamed AA, et al. (2025) The structural basis for RNA slicing by human Argonaute2. *Cell reports*, 44(1), 115166.

Davis GJ, et al. (2025) Chemical tools to define and manipulate interferon-inducible Ubl protease USP18. *Nature communications*, 16(1), 957.

Hussain M, et al. (2025) RECQL4 requires PARP1 for recruitment to DNA damage, and PARG dePARylation facilitates its associated role in end joining. *Experimental & molecular medicine*, 57(1), 264.

Park SK, et al. (2025) Structural basis for the evolution of a domesticated group II intron-like reverse transcriptase to function in host cell DNA repair. *bioRxiv : the preprint server for biology*.

Lovell TC, et al. (2025) Single-molecule assay reveals the impact of composition, RNA duplex, and inhibitors on the binding dynamics of SARS-CoV-2 polymerase complex. *bioRxiv : the preprint server for biology*.