

Resource Summary Report

Generated by [NIF](#) on Sep 2, 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

Proper Citation: ImageQuant (RRID:SCR_014246)

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

Record Last Update: 20260829T182848+0000

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 [NIF](#) .

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.

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.

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

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

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.

Yang M, et al. (2025) Down-regulation of the rice HRS1 HOMOLOG3 transcriptional repressor gene due to N deficiency directly co-activates ammonium and phosphate transporter genes. *Journal of experimental botany*, 76(2), 461.

Qiu C, et al. (2025) A higher order PUF complex is central to regulation of *C. elegans* germline stem cells. *Nature communications*, 16(1), 123.

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.

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.

Stukey GJ, et al. (2025) The antidepressant drug sertraline is a novel inhibitor of yeast Pah1 and human lipin 1 phosphatidic acid phosphatases. *Journal of lipid research*, 66(1), 100711.

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.

Mendell JR, et al. (2025) AAV gene therapy for Duchenne muscular dystrophy: the EMBARK phase 3 randomized trial. *Nature medicine*, 31(1), 332.

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

Takekoshi Y, et al. (2025) Reelin Increases the Sphingomyelin Content of the Plasma Membrane and Affects the Surface Expression of GPI-Anchored Proteins in Hippocampal Neurons. *Journal of neurochemistry*, 169(9), e70225.

McCall TF, et al. (2025) Allele-specific depletion of GNAQ Q209L via siRNA or an rAAV2-shRNA vector induces selective toxicity in GNAQ Q209L uveal melanoma cells. *Molecular therapy*. *Oncology*, 33(3), 201020.

Li Q, et al. (2025) Protocol for detecting SnRK2 kinase activity in plants by immunoblotting, in-gel assay, band shift, and immunoprecipitation. *STAR protocols*, 6(2), 103842.

Akatsu M, et al. (2025) Structural basis of RNAPII transcription on the nucleosome containing histone variant H2A.B. *The EMBO journal*, 44(14), 4065.

Sykes A, et al. (2025) Disease-associated Kv1.3 Variants are Energy Compromised with Impaired Nascent Chain Folding. *Journal of molecular biology*, 437(17), 169226.

Bhosale A, et al. (2025) The bacterial transcription terminator, Rho, functions as an RNA:DNA hybrid (RDH) helicase in vivo. *The Biochemical journal*, 482(11), 655.