

Resource Summary Report

Generated by [nidm-terms](#) on Jul 29, 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: software application, image analysis software, software resource, data processing software

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: 20260728T043435+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 9230 mentions in open access literature.

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

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.

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

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.

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.

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.

- 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.
- Wang J, et al. (2025) A shared alarmone-GTP switch underlies triggered and spontaneous persistence. *Research square*.
- Ephraums J, et al. (2025) MYH knockdown in pancreatic cancer cells creates an exploitable DNA repair vulnerability. *Neoplasia (New York, N.Y.)*, 61, 101138.
- 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*.
- 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.
- Galvez P, et al. (2025) In vitro and in vivo assessment of a new acellular human amnion/chorion membrane device for guided bone regeneration. *Scientific reports*, 15(1), 5483.
- Mohamed AA, et al. (2025) The structural basis for RNA slicing by human Argonaute2. *Cell reports*, 44(1), 115166.
- 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.
- Amanollahi R, et al. (2025) Ontogeny of Fetal Cardiometabolic Pathways: The Potential Role of Cortisol and Thyroid Hormones in Driving the Transition from Preterm to Near-Term Heart Development in Sheep. *Journal of cardiovascular development and disease*, 12(2).
- Chen JK, et al. (2025) Nanoscale analysis of human G1 and metaphase chromatin in situ. *The EMBO journal*, 44(9), 2658.
- 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.