

Resource Summary Report

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Intensity Ratio Nuclei Cytoplasm Tool

RRID:SCR_018573

Type: Tool

Proper Citation

Intensity Ratio Nuclei Cytoplasm Tool (RRID:SCR_018573)

Resource Information

URL:

https://github.com/MontpellierRessourcesImagerie/imagej_macros_and_scripts/wiki/Intensity-Ratio-Nuclei-Cytoplasm-Tool

Proper Citation: Intensity Ratio Nuclei Cytoplasm Tool (RRID:SCR_018573)

Description: Software tool to calculate ratio of intensity in nuclei and cytoplasm. It needs two images as input cytoplasm channel and nuclei channel.

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

Keywords: Intensity ratio, nuclei, cytoplasm, image, cytoplasm channel, nuclei channel, calculate ration, ImageJ

Availability: Free, Freely available

Resource Name: Intensity Ratio Nuclei Cytoplasm Tool

Resource ID: SCR_018573

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260912T195902+0000

Ratings and Alerts

No rating or validation information has been found for Intensity Ratio Nuclei Cytoplasm Tool.

No alerts have been found for Intensity Ratio Nuclei Cytoplasm Tool.

Data and Source Information

Usage and Citation Metrics

We found 37 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Krzeski JC, et al. (2026) UBE3A isoform-selective and non-selective contributions to Angelman syndrome phenotypes. *Molecular psychiatry*, 31(6), 3284.

Wölfle U, et al. (2026) Herbal hepatoprotective drugs modulate Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD)-like spheroids and psoriasis-like keratinocytes. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 200, 119478.

Tran SK, et al. (2025) P-cadherin-dependent adhesions are required for single lumen formation and HGF-mediated cell protrusions during epithelial morphogenesis. *iScience*, 28(2), 111844.

Schuhknecht L, et al. (2025) A human metabolic map of pharmacological perturbations reveals drug modes of action. *Nature biotechnology*.

Gerardo H, et al. (2025) Extracellular matrix mechanical cues (dys)regulate metabolic redox homeostasis due to impaired autophagic flux. *European journal of clinical investigation*, 55(9), e70051.

Friedman RM, et al. (2025) Inhibition of the MRTF-A/SRF signaling axis alleviates vocal fold scarring. *Matrix biology : journal of the International Society for Matrix Biology*, 137, 1.

Iwanski JB, et al. (2024) Leiomodrin 2 neonatal dilated cardiomyopathy mutation results in altered actin gene signatures and cardiomyocyte dysfunction. *NPJ Regenerative medicine*, 9(1), 21.

Papadimitriou L, et al. (2024) Substrate topography affects PC12 cell differentiation through mechanotransduction mechanisms. *Mechanobiology in medicine*, 2(1), 100039.

Bougon J, et al. (2024) Influenza A virus NS1 effector domain is required for PA-X-mediated host shutoff in infected cells. *Journal of virology*, 98(5), e0190123.

Passi M, et al. (2024) CDK5 interacts with MST2 and modulates the Hippo signalling pathway. *FEBS open bio*.

Marugán C, et al. (2024) TPX2 overexpression promotes sensitivity to dasatinib in breast cancer by activating YAP transcriptional signaling. *Molecular oncology*, 18(6), 1531.

Sztachera M, et al. (2024) Interrogation of RNA-bound proteome with XRNAX illuminates molecular alterations in the mouse brain affected with dysmyelination. *Cell reports*, 44(1), 115095.

Claude-Taupin A, et al. (2023) The AMPK-Sirtuin 1-YAP axis is regulated by fluid flow intensity and controls autophagy flux in kidney epithelial cells. *Nature communications*, 14(1), 8056.

Prekovic S, et al. (2023) Luminal breast cancer identity is determined by loss of glucocorticoid receptor activity. *EMBO molecular medicine*, 15(12), e17737.

Li Y, et al. (2023) A noncanonical IRAK4-IRAK1 pathway counters DNA damage-induced apoptosis independently of TLR/IL-1R signaling. *Science signaling*, 16(816), eadh3449.

Vélez EJ, et al. (2023) Chaperone-mediated autophagy protects against hyperglycemic stress. *Autophagy*, 1.

Hurth Z, et al. (2022) The Anti-Inflammatory Effect of Humulus lupulus Extract In Vivo Depends on the Galenic System of the Topical Formulation. *Pharmaceuticals (Basel, Switzerland)*, 15(3).

Fort L, et al. (2022) Stem cell conversion to the cardiac lineage requires nucleotide signalling from apoptosing cells. *Nature cell biology*, 24(4), 434.

Kaur N, et al. (2022) Paracrine signal emanating from stressed cardiomyocytes aggravates inflammatory microenvironment in diabetic cardiomyopathy. *iScience*, 25(3), 103973.

Liu Q, et al. (2022) Hypoxia Triggers TAZ Phosphorylation in Basal A Triple Negative Breast Cancer Cells. *International journal of molecular sciences*, 23(17).