

Resource Summary Report

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BlobFinder

RRID:SCR_015788

Type: Tool

Proper Citation

BlobFinder (RRID:SCR_015788)

Resource Information

URL: <http://www.cb.uu.se/~amin/BlobFinder/>

Proper Citation: BlobFinder (RRID:SCR_015788)

Description: Software that can perform calculations on cells from fluorescence microscopy images. BlobFinder can perform two types of analysis: an average count analysis to count the number of fluorescent signals and nuclei in an image, and a single cell analysis to simulate a cytoplasm and assign each signal to a particular cell.

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

Keywords: fluorescence, microscopy, average count analysis, single cell analysis, cell calculation

Funding:

Availability: Free, Available for download, Runs on Windows, Tutorial available

Resource Name: BlobFinder

Resource ID: SCR_015788

Record Creation Time: 20220129T080327+0000

Record Last Update: 20250402T061320+0000

Ratings and Alerts

No rating or validation information has been found for BlobFinder.

No alerts have been found for BlobFinder.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 124 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Chen K, et al. (2025) Equine lentivirus Gag protein degrades mitochondrial antiviral signaling protein via the E3 ubiquitin ligase Smurf1. *Journal of virology*, 99(1), e0169124.

Woessner NM, et al. (2024) Phospho-mimetic CD3? variants prevent TCR and CAR signaling. *Frontiers in immunology*, 15, 1392933.

Yoon JH, et al. (2024) Repression of SMAD3 by STAT3 and c-Ski induces conventional dendritic cell differentiation. *Life science alliance*, 7(9).

Zheng B, et al. (2024) S1P regulates intervertebral disc aging by mediating endoplasmic reticulum-mitochondrial calcium ion homeostasis. *JCI insight*, 9(21).

Phelan JD, et al. (2024) Response to Bruton's tyrosine kinase inhibitors in aggressive lymphomas linked to chronic selective autophagy. *Cancer cell*, 42(2), 238.

Tang C, et al. (2023) RGS2 promotes estradiol biosynthesis by trophoblasts during human pregnancy. *Experimental & molecular medicine*, 55(1), 240.

Stephens DC, et al. (2023) Optimizing In Situ Proximity Ligation Assays for Mitochondria, ER, or MERC Markers in Skeletal Muscle Tissue and Cells. *bioRxiv : the preprint server for biology*.

Tang C, et al. (2023) Hippo signaling activates hedgehog signaling by Taz-driven Gli3 processing. *Cell regeneration (London, England)*, 12(1), 3.

Yang H, et al. (2023) ATF2 loss promotes 5-FU resistance in colon cancer cells via activation of the ATR-Chk1 damage response pathway. *BMC cancer*, 23(1), 480.

Owen DJ, et al. (2023) ZMYM2 controls human transposable element transcription through distinct co-regulatory complexes. *eLife*, 12.

Scheich S, et al. (2023) Targeting N-linked Glycosylation for the Therapy of Aggressive Lymphomas. *Cancer discovery*, 13(8), 1862.

Wei Y, et al. (2022) The MYC oncoprotein directly interacts with its chromatin cofactor PNUTS to recruit PP1 phosphatase. *Nucleic acids research*, 50(6), 3505.

Yuan M, et al. (2022) IP3R1/GRP75/VDAC1 complex mediates endoplasmic reticulum stress-mitochondrial oxidative stress in diabetic atrial remodeling. *Redox biology*, 52, 102289.

Zummo FP, et al. (2022) Exendin-4 stimulates autophagy in pancreatic β -cells via the RAPGEF/EPAC-Ca²⁺-PPP3/calcineurin-TFEB axis. *Autophagy*, 18(4), 799.

Yang Y, et al. (2022) Oncogenic RAS commandeers amino acid sensing machinery to aberrantly activate mTORC1 in multiple myeloma. *Nature communications*, 13(1), 5469.

Zhang YW, et al. (2022) Hyaluronic acid-GPRC5C signalling promotes dormancy in haematopoietic stem cells. *Nature cell biology*, 24(7), 1038.

Barchiesi A, et al. (2021) DNA Repair Protein APE1 Degrades Dysfunctional Abasic mRNA in Mitochondria Affecting Oxidative Phosphorylation. *Journal of molecular biology*, 433(18), 167125.

Gallego-Gutiérrez H, et al. (2021) Tight junction protein ZO-2 modulates the nuclear accumulation of transcription factor TEAD. *Molecular biology of the cell*, 32(15), 1347.

Xie J, et al. (2021) Retromer stabilizes transient membrane insertion of L2 capsid protein during retrograde entry of human papillomavirus. *Science advances*, 7(27).

Eckermann M, et al. (2021) Three-dimensional virtual histology of the human hippocampus based on phase-contrast computed tomography. *Proceedings of the National Academy of Sciences of the United States of America*, 118(48).