Resource Summary Report

Generated by NIF on May 13, 2025

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

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: 20250513T061711+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 NIF.

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. JCl 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 ?-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).

Butt UJ, et al. (2021) Hippocampal neurons respond to brain activity with functional hypoxia. Molecular psychiatry, 26(6), 1790.