

Resource Summary Report

Generated by [ASWG](#) on Aug 2, 2026

BlobFinder

RRID:SCR_015788

Type: Tool

Proper Citation

BlobFinder (RRID:SCR_015788)

Resource Information

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

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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, image analysis software, data processing software, software application

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

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: 20260803T040703+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

Usage and Citation Metrics

We found 129 mentions in open access literature.

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

Crabtree A, et al. (2025) Optimizing In Situ Proximity Ligation Assays for Mitochondria, ER, or MERC Markers in Skeletal Muscle Tissue and Cells. *Current protocols*, 5(2), e70043.

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.

Li X, et al. (2025) FABP4 as a Mediator of Lipid Metabolism and Pregnant Uterine Dysfunction in Obesity. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(25), e2501077.

Leib L, et al. (2025) The proximity-based protein interactome and regulatory logics of the transcription factor p65 NF- κ B/RELA. *EMBO reports*, 26(4), 1144.

Chen MK, et al. (2025) FGFR3-induced Y158 PARP1 phosphorylation promotes PARP inhibitor resistance via BRG1/MRE11-mediated DNA repair in breast cancer models. *The Journal of clinical investigation*, 135(14).

Komorowski K, et al. (2025) 3D histology of human heart-forming organoids by X-ray phase-contrast tomography. *Communications biology*, 8(1), 1411.

Woessner NM, et al. (2024) Phospho-mimetic CD3 ζ 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.

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

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.

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

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.