

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 9, 2025

Black Zen software

RRID:SCR_018163

Type: Tool

Proper Citation

Black Zen software (RRID:SCR_018163)

Resource Information

URL: <http://stmichaelshospitalresearch.ca/wp-content/uploads/2015/09/ZEN-Black-Quick-Guide.pdf>

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Description: Software used to analyze images obtained from microscope. ZEN Black is software Zeiss uses to run their laser-based instruments.

Synonyms: ZEISS ZEN Microscope Software, Black Zen software (ZEISS), ZEN Black

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

Funding:

Availability: Free, Available for download, Freely available

Resource Name: Black Zen software

Resource ID: SCR_018163

Alternate URLs:

<http://microscopy.arizona.edu/sites/default/files/sites/default/files/upload/Installing%20the%20free%20ZEN%20Black%20software.pdf>

Record Creation Time: 20220129T080339+0000

Record Last Update: 20250409T061548+0000

Ratings and Alerts

No rating or validation information has been found for Black Zen software.

No alerts have been found for Black Zen software.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 130 mentions in open access literature.

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

Smolag KI, et al. (2025) Complement Factor H Is an ICOS Ligand Modulating Tregs in the Glioma Microenvironment. *Cancer immunology research*, 13(1), 122.

Dominguez MH, et al. (2025) 4D light sheet imaging, computational reconstruction, and cell tracking in mouse embryos. *STAR protocols*, 6(1), 103515.

Lee LR, et al. (2025) Glutathione accelerates the cell cycle and cellular reprogramming in plant regeneration. *Developmental cell*.

Ferreira PA, et al. (2025) Early-life IL-4 administration induces long-term changes in microglia in the cerebellum and prefrontal cortex. *Journal of neurochemistry*, 169(1), e16266.

Green NM, et al. (2024) Nuclear actin is a critical regulator of Drosophila female germline stem cell maintenance. *bioRxiv : the preprint server for biology*.

Huttunen J, et al. (2024) EP300/CREBBP acetyltransferase inhibition limits steroid receptor and FOXA1 signaling in prostate cancer cells. *Cellular and molecular life sciences : CMLS*, 81(1), 160.

Tuppurainen H, et al. (2024) PALB2-mutated human mammary cells display a broad spectrum of morphological and functional abnormalities induced by increased TGF β signaling. *Cellular and molecular life sciences : CMLS*, 81(1), 173.

Sato MP, et al. (2024) Protocol for in vivo elimination of avian auditory hair cells, multiplexed mRNA detection, immunohistochemistry, and S-phase labeling. *STAR protocols*, 5(2), 103118.

Di Martino E, et al. (2024) Inflammatory, metabolic, and sex-dependent gene-regulatory dynamics of microglia and macrophages in neonatal hippocampus after hypoxia-ischemia. *iScience*, 27(4), 109346.

Tirumala NA, et al. (2024) Single-molecule imaging of stochastic interactions that drive dynein activation and cargo movement in cells. *The Journal of cell biology*, 223(3).

Reinhard J, et al. (2024) Neural extracellular matrix regulates visual sensory motor integration. *iScience*, 27(2), 108846.

Hu Q, et al. (2024) Extracellular vesicles involved in growth regulation and metabolic modulation in *Haematococcus pluvialis*. *Biotechnology for biofuels and bioproducts*, 17(1), 15.

Oliver Goral R, et al. (2024) Acetylcholine Neurons Become Cholinergic during Three Time Windows in the Developing Mouse Brain. *eNeuro*, 11(7).

Nguyen KT, et al. (2024) ProDiVis: a method to normalize fluorescence signal localization in 3D specimens. *Frontiers in cell and developmental biology*, 12, 1420161.

Varner LR, et al. (2024) The deubiquitinase Otud7b suppresses cone photoreceptor degeneration in mouse models of retinal degenerative diseases. *iScience*, 27(4), 109380.

Janowitz HN, et al. (2024) Chronic Treatment with Serotonin Selective Reuptake Inhibitors Does Not Affect Regrowth of Serotonin Axons Following Amphetamine Injury in the Mouse Forebrain. *eNeuro*, 11(2).

Acreman S, et al. (2024) The endoplasmic reticulum plays a key role in β -cell intracellular Ca^{2+} dynamics and glucose-regulated glucagon secretion in mouse islets. *iScience*, 27(5), 109665.

Shohayeb B, et al. (2024) BDNF-dependent nano-organization of Neogenin and the WAVE regulatory complex promotes actin remodeling in dendritic spines. *iScience*, 27(9), 110621.

Herbstein F, et al. (2024) The SASP factor IL-6 sustains cell-autonomous senescent cells via a cGAS-STING-NF κ B intracrine senescent noncanonical pathway. *Aging cell*, 23(10), e14258.

Álvarez-Guerra I, et al. (2024) LDO proteins and Vac8 form a vacuole-lipid droplet contact site to enable starvation-induced lipophagy in yeast. *Developmental cell*, 59(6), 759.