

Resource Summary Report

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

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: 20260919T195348+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

Usage and Citation Metrics

We found 169 mentions in open access literature.

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

Laporte C, et al. (2026) Protocol for visualizing microglial lysosomal content by immunohistochemistry in the rodent brain. STAR protocols, 7(2), 104438.

Qasem H, et al. (2026) Cell-Penetrating Peptide-Mediated siRNA Targeting of LDHC Suppresses Tumor Growth in a Triple-Negative Breast Cancer Zebrafish Xenograft Model. *Pharmaceutics*, 18(1).

Paulson SG, et al. (2026) The Arp2/3 complex is required for in situ haptotactic response of microglia to iC3b. *EMBO reports*, 27(7), 1666.

Zhang C, et al. (2026) Ccl12 coordinates immune-neural crosstalk to promote adipose sympathetic remodeling after burn trauma. *Cell reports*, 45(2), 116921.

Telford MS, et al. (2026) Antibacterial microcins self-assemble to promote biofilm formation in *Acinetobacter baumannii*. *Cell reports*, 45(4), 117156.

Devapatla P, et al. (2026) Multi-Target Effects of Novel Synthetic Indanedione-Based Spirotransdicalinol Compound 4I in Autosomal Dominant Polycystic Kidney Disease. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(1), e71409.

Kumar J, et al. (2026) Lipid droplet-induced T cell death sustains autoimmune tissue inflammation. *Cell metabolism*, 38(4), 694.

Guan Z, et al. (2026) Disease-causing mutations in Synaptotagmin can act via dominant-negative, gain-of-function or haploinsufficient mechanisms. *bioRxiv : the preprint server for biology*.

Spanò T, et al. (2026) Localized mRNAs and protein synthesis in cortical layer 1. *Cell reports*, 45(7), 117687.

Veeckmans G, et al. (2026) Ferroptosis inhibition enhances liver and lung graft function. *Cell*, 189(13), 3991.

Razlan AN, et al. (2026) Characterisation of cold-selective lamina I spinal projection neurons in the mouse. *eLife*, 14.

Chirackal Jose A, et al. (2026) Plasma membrane mediated GLUT10 mitochondrial targeting regulates intracellular ascorbic acid homeostasis. *iScience*, 29(6), 115891.

Clubb JD, et al. (2026) Armored Chimeric Antigen Receptor T-cell Therapy Targets Antigen-Heterogeneous Glioma. *Cancer research*, 86(15), 3781.

Bacher MC, et al. (2026) Divergent Rickettsia species exhibit distinct mechanisms of actin-based motility. The Journal of cell biology, 225(7).

Suzuki K, et al. (2026) Targeting the $\alpha_v\beta_5$ Integrin Modifies the TGF β -Rich Tumor Microenvironment of Pancreatic Cancer. Cancer research, 86(15), 3801.

Paulson SG, et al. (2026) Protocol for evaluating microglial phagocytosis in situ in mouse hippocampal slices. STAR protocols, 7(3), 104696.

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

Armbruster D, et al. (2025) Dopaminergic Neurons in the Zebrafish Subpallium Belong to the Extended Medial Amygdala. The Journal of comparative neurology, 533(8), e70079.

Lee SI, et al. (2025) Imaging lipid rafts reveals the principle of ApoE4-induced A β upregulation in human neurons. iScience, 28(2), 111893.

Shmakova E, et al. (2025) Inhibition of PFKFB3 in Macrophages Has a Dual Effect on Tumor-Regulating Lipid Metabolism. International journal of molecular sciences, 27(1).