

Resource Summary Report

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GeneTools

RRID:SCR_022505

Type: Tool

Proper Citation

GeneTools (RRID:SCR_022505)

Resource Information

URL: <https://www.syngene.com/software/genetools-automatic-image-analysis/>

Proper Citation: GeneTools (RRID:SCR_022505)

Description: Software package includes comprehensive tools to provide full range of analysis for applications including chemiluminescence, chemifluorescence, fluorescence, colorimetric imaging and colony counting.

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

Keywords: Synoptics Ltd., Syngene, chemiluminescence, chemifluorescence, fluorescence, colorimetric imaging, colony counting.

Availability: Restricted

Resource Name: GeneTools

Resource ID: SCR_022505

Record Creation Time: 20220622T050139+0000

Record Last Update: 20260808T190326+0000

Ratings and Alerts

No rating or validation information has been found for GeneTools.

No alerts have been found for GeneTools.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 201 mentions in open access literature.

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

Ananthapadmanabhan V, et al. (2026) Targeted degradation of MDM2 overcomes feedback regulation of p53 signaling in Merkel cell carcinoma models. *The Journal of clinical investigation*, 136(13).

De Bruyn L, et al. (2026) Revisiting hypocholesterolemia during prolonged sepsis: From targeted cholesterol repletion to unresolved adrenal and muscle dysfunction. *Molecular and cellular endocrinology*, 620, 112848.

Van der Pijl RJ, et al. (2025) Increased cardiac myosin super-relaxation as an energy saving mechanism in hibernating grizzly bears. *Molecular metabolism*, 92, 102084.

Ten Martin D, et al. (2025) Tubulin glutamylation regulates axon guidance via the selective tuning of microtubule-severing enzymes. *The EMBO journal*, 44(1), 107.

Mohan HM, et al. (2025) Endogenous retrovirus-like proteins recruit UBQLN2 to stress granules and shape their functional biology. *Science advances*, 11(29), eadu6354.

Kaewjiw N, et al. (2025) Domperidone inhibits dengue virus infection by targeting the viral envelope protein and nonstructural protein 1. *Scientific reports*, 15(1), 3817.

Lu Y, et al. (2025) Pyrrolidine Dithiocarbamate Ameliorates Sepsis-Associated Encephalopathy by Inhibiting Autophagy and Inflammation in the Brain. *Neurochemical research*, 50(2), 106.

Kostiuk V, et al. (2025) Nup107 contributes to the maternal-to-zygotic transition by preventing the premature nuclear export of pri-miR427. *Development (Cambridge, England)*, 152(2).

Alhashmi M, et al. (2025) Skeletal progenitor LRP1 deficiency causes severe and persistent skeletal defects with Wnt pathway dysregulation. *Bone research*, 13(1), 17.

Ide AD, et al. (2025) Secreted Frizzled-Related Protein 1a regulates hematopoietic development in a dose-dependent manner. *bioRxiv : the preprint server for biology*.

Anderson CM, et al. (2025) Hypusinated and unhypusinated isoforms of the translation factor eIF5A exert distinct effects in models of pancreas development and function. *The Journal of biological chemistry*, 301(2), 108209.

Porter SS, et al. (2025) Dengue and Zika virus NS4B proteins differ in topology and in determinants of ER membrane protein complex dependency. *Journal of virology*, 99(2), e0144324.

Haas M, et al. (2025) PIM2 inhibition promotes MCL1 dependency in plasma cells involving integrated stress response-driven NOXA expression. *Nature communications*, 16(1), 256.

Lusk S, et al. (2025) Increased Netrin downstream of overactive Hedgehog signaling disrupts optic fissure formation. *Developmental dynamics : an official publication of the American Association of Anatomists*, 254(2), 158.

Pagliarini RA, et al. (2025) STX-721, a Covalent EGFR/HER2 Exon 20 Inhibitor, Utilizes Exon 20-Mutant Dynamic Protein States and Achieves Unique Mutant Selectivity Across Human Cancer Models. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(14), 3002.

da Silva Fernandes T, et al. (2025) Inosine monophosphate dehydrogenase 2 (IMPDH2) modulates response to therapy and chemo-resistance in triple negative breast cancer. *Scientific reports*, 15(1), 1061.

Li X, et al. (2025) Peptidoglycan recognition protein PGRP-5 is involved in immune defence and neuro-behavioral disorders in zebrafish embryos. *PloS one*, 20(1), e0315714.

Abu El-Asrar AM, et al. (2025) ADAMTS13 Improves Endothelial Function and Reduces Inflammation in Diabetic Retinopathy. *Cells*, 14(2).

Tao S, et al. (2025) Effect of Post-transplant Dietary Restriction on Hematopoietic Reconstitution and Maintenance of Reconstitution Capacity of Hematopoietic Stem Cells. *Stem cell reviews and reports*, 21(1), 80.

Acosta LH, et al. (2024) Soluble guanylyl cyclase beta1 subunit targets epithelial-to-mesenchymal transition and downregulates Akt pathway in human endometrial and cervical cancer cells. *Heliyon*, 10(1), e23927.