

Resource Summary Report

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Volocity 3D Image Analysis Software

RRID:SCR_002668

Type: Tool

Proper Citation

Volocity 3D Image Analysis Software (RRID:SCR_002668)

Resource Information

URL: <http://www.perkinelmer.com/pages/020/cellularimaging/products/volocity.xhtml>

Proper Citation: Volocity 3D Image Analysis Software (RRID:SCR_002668)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025. 3D image analysis software to visualize, analyze and validate 3D fluorescence images from a wide range of confocal microscopy, widefield and high content screening systems. It is fully integrated for a seamless user experience.

Abbreviations: Volocity Imaging software

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

Keywords: 3d, confocal microscopy, visualization, analyze

Availability: THIS RESOURCE IS NO LONGER IN SERVICE.

Resource Name: Volocity 3D Image Analysis Software

Resource ID: SCR_002668

Alternate IDs: SciRes_000112

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260812T044041+0000

Ratings and Alerts

No rating or validation information has been found for Volocity 3D Image Analysis Software.

No alerts have been found for Volocity 3D Image Analysis Software.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4003 mentions in open access literature.

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

Pena-Ortiz MA, et al. (2026) Astrocytic Chromatin Remodeler ATRX Gates Hippocampal Memory Consolidation Through Metabolic and Synaptic Regulation. *Glia*, 74(1), e70098.

Mansour KY, et al. (2026) Spared cognitive and social function following perinatal ablation of ATRX despite transient microglia dysregulation. *Scientific reports*, 16(1).

Brashaw CR, et al. (2026) Nerve injury promotes glial immune responses through a Draper/Ninjurin A pathway. *Neurobiology of disease*, 218, 107242.

Chung C, et al. (2026) Ancestrally Diverse Autologous Patient-Derived Organoid-Immune Cell Coculture Platform for Addressing Immunotherapeutic Outcome Disparities in High-Grade Endometrial Cancer. *Cancer research communications*, 6(3), 657.

Hernández-Martínez R, et al. (2026) AXIN1 and AXIN2 regulate the WNT-signaling landscape to promote distinct mesoderm programs. *Developmental cell*, 61(7), 1572.

Müller TG, et al. (2026) Lenacapavir-induced capsid damage uncovers HIV-1 genomes emanating from nuclear speckles. *The EMBO journal*, 45(2), 449.

Brott JT, et al. (2026) ATRX function beyond hippocampal CA1 is required for cognitive deficits in mouse models of intellectual disability. *PloS one*, 21(4), e0347770.

Carpenter RS, et al. (2026) Aging disrupts sympathetic innervation of the thymus. *Cell reports*, 45(4), 117126.

Yu C, et al. (2025) Heparan Sulfate Proteoglycans as Potential Markers for In Vitro Human Neural Lineage Specification. *Cells*, 14(15).

Mi L, et al. (2025) Elevated nonhomologous end-joining by AATF enables efficient DNA damage repair and therapeutic resistance in glioblastoma. *Nature communications*, 16(1), 4941.

Bäcker N, et al. (2025) Peroxisomal core structures segregate diverse metabolic pathways. *Nature communications*, 16(1), 1802.

Lu WT, et al. (2025) TRACERx analysis identifies a role for FAT1 in regulating chromosomal instability and whole-genome doubling via Hippo signalling. *Nature cell biology*, 27(1), 154.

Hildebrand EM, et al. (2025) TOP2B is required for compartment strength changes upon retinoic acid treatment in SH-SY5Y cells. *Chromosome research : an international journal*

on the molecular, supramolecular and evolutionary aspects of chromosome biology, 33(1), 5.

Dou D, et al. (2025) Protocol for live imaging of axonal transport in iPSC-derived iNeurons. STAR protocols, 6(1), 103556.

Sanzà P, et al. (2025) VPS41 recruits biosynthetic LAMP-positive vesicles through interaction with Arl8b. The Journal of cell biology, 224(4).

Elahi R, et al. (2025) tRNA modifying enzymes MnmE and MnmG are essential for Plasmodium falciparum apicoplast maintenance. bioRxiv : the preprint server for biology.

Karling T, et al. (2025) Immune cells adapt to confined environments in vivo to optimise nuclear plasticity for migration. EMBO reports, 26(5), 1238.

Munoz-Moreno R, et al. (2025) A highly stable lyophilized mRNA vaccine for Herpes Zoster provides potent cellular and humoral responses. NPJ vaccines, 10(1), 49.

de Castro PA, et al. (2025) Aspergillus fumigatus secondary metabolite pyripyropene is important for the dual biofilm formation with Pseudomonas aeruginosa. mBio, 16(4), e0036325.

Candor K, et al. (2025) The CLIC/GEEC pathway regulates particle uptake and formation of the virus-containing compartment (VCC) in HIV-1-infected macrophages. PLoS pathogens, 21(3), e1012564.