

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## 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:** data processing software, commercial organization, software resource, image analysis software, software application

**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:** 20260731T042642+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 3998 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

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

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

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

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

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

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.

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

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

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.

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.

Zhu H, et al. (2025) *Salmonella* exploits LRRK2-dependent plasma membrane dynamics to invade host cells. *Nature communications*, 16(1), 2329.

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.

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

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.

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.

Lin YC, et al. (2025) FGFR inhibitors promote the autophagic degradation of IFN- $\gamma$ -induced PD-L1 and alleviate the PD-L1-mediated transcriptional suppression of FGFR3-TACC3 in non-muscle-invasive bladder cancer. *Cell death & disease*, 16(1), 485.

Aguirre-Botero MC, et al. (2025) Late killing of *Plasmodium berghei* sporozoites in the liver by an anti-circumsporozoite protein antibody. *eLife*, 14.

Reichhardt C, et al. (2025) Non-disruptive matrix turnover is a conserved feature of biofilm aggregate growth in paradigm pathogenic species. *mBio*, 16(3), e0393524.

Yoon SH, et al. (2025) Microglial NLRP3-gasdermin D activation impairs blood-brain barrier integrity through interleukin-1 $\beta$ -independent neutrophil chemotaxis upon peripheral inflammation in mice. *Nature communications*, 16(1), 699.