

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

SToRM

RRID:SCR_006696

Type: Tool

Proper Citation

SToRM (RRID:SCR_006696)

Resource Information

URL: http://bioinfo.lifl.fr/yass/iedera_solid/storm/

Proper Citation: SToRM (RRID:SCR_006696)

Description: A software tool primarily proposed for mapping SOLiD reads or Illumina reads to a reference genome. It was based on seeding techniques adapted to the statistical characteristics of the reads: the default seeds are for example designed (using the Iedera software) to comply with the properties of the SOLiD color encoding, or Illumina more classical encoding as well as the observed reading error distribution along the read., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: SToRM

Resource Type: software resource

Defining Citation: [PMID:20936175](#)

Keywords: c, linux, macos, solid

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: SToRM

Resource ID: SCR_006696

Alternate IDs: OMICS_00692

Record Creation Time: 20220129T080237+0000

Record Last Update: 20260808T185841+0000

Ratings and Alerts

No rating or validation information has been found for STORM.

No alerts have been found for STORM.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 205 mentions in open access literature.

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

Poliński P, et al. (2025) A highly conserved neuronal microexon in DAAM1 controls actin dynamics, RHOA/ROCK signaling, and memory formation. *Nature communications*, 16(1), 4210.

Woodward BL, et al. (2025) Inherited deficiency of DIAPH1 identifies a DNA double strand break repair pathway regulated by γ -actin. *Nature communications*, 16(1), 4491.

Yang L, et al. (2025) Stress dynamically modulates neuronal autophagy to gate depression onset. *Nature*, 641(8062), 427.

Odériz I, et al. (2025) A global dataset of synthetic tropical cyclone tracks for the El Niño–Southern Oscillation. *Scientific data*, 12(1), 698.

Smyth JW, et al. (2025) Cytoplasmic connexin43-microtubule interactions promote glioblastoma stem-like cell maintenance and tumorigenicity. *Cell death & disease*, 16(1), 388.

Chen D, et al. (2025) Smartwatch-monitored physical activity and myopia in children: a 2-year prospective cohort study. *BMC medicine*, 23(1), 294.

Lee D, et al. (2025) Oxygen-excluded nanoimaging of polymer blend films. *Science advances*, 11(11), eadt6177.

Duong L, et al. (2025) Bactericidal activity of mammalian histones is caused by large membrane pore formation. *Cell reports*, 44(5), 115658.

Böken D, et al. (2025) Ultrasensitive Protein Aggregate Quantification Assays for Neurodegenerative Diseases on the Simoa Platform. *Analytical chemistry*, 97(1), 290.

Dhankhar M, et al. (2025) Revealing the biophysics of lamina-associated domain formation by integrating theoretical modeling and high-resolution imaging. *Nature communications*, 16(1), 7909.

Zhao X, et al. (2025) Single Molecule Localization Super-resolution Dataset for Deep Learning with Paired Low-resolution Images. *Scientific data*, 12(1), 682.

Mol JM, et al. (2025) An experimental test of risk perceptions under a new hurricane classification system. *Scientific reports*, 15(1), 30320.

Yang J, et al. (2025) Super-resolution microscopy unveils the nanoscale organization and self-limiting clustering of CD47 in human erythrocytes. *Journal of molecular cell biology*, 16(9).

Martínez-Lázaro R, et al. (2025) GRIN2B disease-associated mutations disrupt the function of BK channels and NMDA receptor signaling nanodomains. *The Journal of general physiology*, 157(5).

Lima T, et al. (2025) Protocol for studying GABAA receptor subsynaptic domains in rat hippocampal neurons using single-molecule localization microscopy. *STAR protocols*, 6(3), 104031.

Liu X, et al. (2025) Analytical methods in studying cell force sensing: principles, current technologies and perspectives. *Regenerative biomaterials*, 12, rbaf007.

Ojansivu M, et al. (2025) Formulation and Characterization of Novel Ionizable and Cationic Lipid Nanoparticles for the Delivery of Splice-Switching Oligonucleotides. *Advanced materials (Deerfield Beach, Fla.)*, 37(17), e2419538.

Bensel BM, et al. (2025) Kinesin-1 Autoinhibition Tunes Cargo Transport by Motor Ensembles. *bioRxiv : the preprint server for biology*.

Grossmann-Matheson G, et al. (2024) Global tropical cyclone extreme wave height climatology. *Scientific reports*, 14(1), 4167.

Morel C, et al. (2024) Caveolin-1 protects endothelial cells from extensive expansion of transcellular tunnel by stiffening the plasma membrane. *eLife*, 12.