

# Resource Summary Report

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

## SToRM

RRID:SCR\_006696

Type: Tool

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### Proper Citation

SToRM (RRID:SCR\_006696)

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### Resource Information

**URL:** [http://bioinfo.lifl.fr/yass/iedera\\_solid/storm/](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:** 20260725T190626+0000

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### Ratings and Alerts

No rating or validation information has been found for STORM.

No alerts have been found for STORM.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 205 mentions in open access literature.

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

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

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  $\gamma$ -actin. *Nature communications*, 16(1), 4491.

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.

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

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

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

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

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.

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).

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.

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

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.

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

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

Thanapongpibul C, et al. (2024) Unlocking Intracellular Protein Delivery by Harnessing Polymersomes Synthesized at Microliter Volumes using Photo-PISA. *Advanced materials* (Deerfield Beach, Fla.), 36(49), e2408000.