Resource Summary Report

Generated by ASWG on May 13, 2025

SMAP

RRID:SCR_001270
Type: Tool

Proper Citation

SMAP (RRID:SCR_001270)

Resource Information

URL: http://www.bioconductor.org/packages/2.14/bioc/html/SMAP.html

Proper Citation: SMAP (RRID:SCR_001270)

Description: Software package providing functions and classes for DNA copy number profiling of array-CGH data.

Abbreviations: SMAP

Synonyms: SMAP - A Segmental Maximum A Posteriori Approach to Array-CGH Copy Number Profiling

Resource Type: software resource

Defining Citation: PMID:18204059

Keywords: copy number variation, microarray, two channel

Funding:

Availability: GNU General Public License, v2

Resource Name: SMAP

Resource ID: SCR_001270

Alternate IDs: OMICS_02068

Record Creation Time: 20220129T080206+0000

Record Last Update: 20250420T014024+0000

Ratings and Alerts

No rating or validation information has been found for SMAP.

No alerts have been found for SMAP.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 166 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG.

Daugird TA, et al. (2024) Correlative single molecule lattice light sheet imaging reveals the dynamic relationship between nucleosomes and the local chromatin environment. Nature communications, 15(1), 4178.

Cui Z, et al. (2024) Scutellarin activates IDH1 to exert antitumor effects in hepatocellular carcinoma progression. Cell death & disease, 15(4), 267.

Da'dara AA, et al. (2024) Metabolism of FAD, FMN and riboflavin (vitamin B2) in the human parasitic blood fluke Schistosoma mansoni. BMC infectious diseases, 24(1), 636.

Vafidis D, et al. (2024) Tooth Mg/Ca ratios and Aristotle's lantern morphometrics reflect trophic types in echinoids. Ecology and evolution, 14(6), e11251.

Dharmasri PA, et al. (2024) Loss of postsynaptic NMDARs drives nanoscale reorganization of Munc13-1 and PSD-95. bioRxiv : the preprint server for biology.

Holland KL, et al. (2024) A series of spontaneously blinking dyes for super-resolution microscopy. bioRxiv : the preprint server for biology.

Jia X, et al. (2024) CLASP-mediated competitive binding in protein condensates directs microtubule growth. Nature communications, 15(1), 6509.

Shen Z, et al. (2024) Fiber-optic seismic sensing of vadose zone soil moisture dynamics. Nature communications, 15(1), 6432.

Xia T, et al. (2024) ST-GEARS: Advancing 3D downstream research through accurate spatial information recovery. Nature communications, 15(1), 7806.

Kenny M, et al. (2024) Contractility defects hinder glycoprotein VI-mediated platelet activation and affect platelet functions beyond clot contraction. Research and practice in thrombosis and haemostasis, 8(1), 102322.

Graham AM, et al. (2024) Updated Smoke Exposure Estimate for Indonesian Peatland Fires Using a Network of Low-Cost PM2.5 Sensors and a Regional Air Quality Model. GeoHealth, 8(11), e2024GH001125.

Karempudi P, et al. (2024) Three-dimensional localization and tracking of chromosomal loci throughout the Escherichia coli cell cycle. Communications biology, 7(1), 1443.

Tahmouresi MS, et al. (2024) Enhancing spatial resolution of satellite soil moisture data through stacking ensemble learning techniques. Scientific reports, 14(1), 25454.

Da'dara AA, et al. (2024) Metabolism of FAD, FMN and riboflavin (vitamin B2) in the human parasitic blood fluke Schistosoma mansoni. bioRxiv : the preprint server for biology.

Ma Y, et al. (2024) CUL4B mutations impair human cortical neurogenesis through PP2A-dependent inhibition of AKT and ERK. Cell death & disease, 15(2), 121.

Kannan RY, et al. (2024) M-Point: A Landmark for Locating the Marginal Mandibular Branch of the Facial Nerve. Plastic and reconstructive surgery. Global open, 12(5), e5811.

Avenas A, et al. (2024) Revealing short-term dynamics of tropical cyclone wind speeds from satellite synthetic aperture radar. Scientific reports, 14(1), 12808.

Arab S, et al. (2024) Integration of Sentinel-1A Radar and SMAP Radiometer for Soil Moisture Retrieval over Vegetated Areas. Sensors (Basel, Switzerland), 24(7).

Liu D, et al. (2024) Regulatory mechanism of the six-method massage antipyretic process on lipopolysaccharide-induced fever in juvenile rabbits: A targeted metabolomics approach. Heliyon, 10(1), e23313.

Droppers B, et al. (2024) Multi-model hydrological reference dataset over continental Europe and an African basin. Scientific data, 11(1), 1009.