Resource Summary Report

Generated by T1D on Aug 1, 2026

ACME

RRID:SCR_001464
Type: Tool

Proper Citation

ACME (RRID:SCR_001464)

Resource Information

URL: http://www.bioconductor.org/packages/release/bioc/html/ACME.html

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Description: A set of tools for analysing tiling array ChIP/chip, DNAse hypersensitivity, or other experiments that result in regions of the genome showing enrichment. It does not rely on a specific array technology (although the array should be a tiling array), is very general (can be applied in experiments resulting in regions of enrichment), and is very insensitive to array noise or normalization methods. It is also very fast and can be applied on whole-genome tiling array experiments quite easily with enough memory.

Abbreviations: ACME

Synonyms: Algorithms for Calculating Microarray Enrichment

Resource Type: software resource

Defining Citation: PMID:16939795

Keywords: microarray

Availability: Free, Available for download, Freely available

Resource Name: ACME

Resource ID: SCR_001464

Alternate IDs: OMICS_01976

License: GNU General Public License, v2 or newer

Record Creation Time: 20220129T080207+0000

Record Last Update: 20260725T190503+0000

Ratings and Alerts

No rating or validation information has been found for ACME.

No alerts have been found for ACME.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 59 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Sloth MMB, et al. (2025) Cause-specific mortality after spousal bereavement in a Danish register-based cohort. Scientific reports, 15(1), 6240.

Deng Y, et al. (2025) Heterogeneity of Cardiovascular Effects of Second-Line Glucose-Lowering Therapies in Adults With Type 2 Diabetes Across the Range of Moderate Baseline Cardiovascular Risk. Journal of the American Heart Association, 14(15), e040217.

Xiao P, et al. (2025) Emergence of lignin-carbohydrate interactions during plant stem maturation visualized by solid-state NMR. Nature communications, 16(1), 8010.

Wang Q, et al. (2025) Exploring the association between dietary indices and metabolic dysfunction-associated steatotic liver disease: Mediation analysis and evidence from NHANES. PloS one, 20(4), e0321251.

McCoy RG, et al. (2024) Derivation of an Annualized Claims-Based Major Adverse Cardiovascular Event Estimator in Type 2 Diabetes. JACC. Advances, 3(4), 100852.

Pham HN, et al. (2024) Dynamic electrocardiogram changes are a novel risk marker for sudden cardiac death. European heart journal, 45(10), 809.

Hu Y, et al. (2024) Association of cardiovascular health with cognitive function and the mediating effect of depressive state. Frontiers in aging neuroscience, 16, 1465310.

Garschall K, et al. (2024) The cellular basis of feeding-dependent body size plasticity in sea anemones. Development (Cambridge, England), 151(20).

Brüwer JD, et al. (2023) In situ cell division and mortality rates of SAR11, SAR86, Bacteroidetes, and Aurantivirga during phytoplankton blooms reveal differences in population controls. mSystems, 8(3), e0128722.

Matthews CJ, et al. (2023) An enzyme-centric approach for constructing an amperometric l-malate biosensor with a long and programmable linear range. Protein science : a publication of the Protein Society, 32(9), e4743.

Hack LM, et al. (2023) Ketamine's acute effects on negative brain states are mediated through distinct altered states of consciousness in humans. Nature communications, 14(1), 6631.

Kadalayil L, et al. (2023) Analysis of DNA methylation at birth and in childhood reveals changes associated with season of birth and latitude. Clinical epigenetics, 15(1), 148.

Zhang N, et al. (2023) An adaptive multi-modal hybrid model for classifying thyroid nodules by combining ultrasound and infrared thermal images. BMC bioinformatics, 24(1), 315.

Etoori D, et al. (2023) A scoping review of media campaign strategies used to reach populations living with or at high risk for Hepatitis C in high income countries to inform future national campaigns in the United Kingdom. BMC infectious diseases, 23(1), 629.

Gjorgjieva T, et al. (2023) Systems genetics identifies miRNA-mediated regulation of host response in COVID-19. Human genomics, 17(1), 49.

Reis PCJ, et al. (2022) The role of methanotrophy in the microbial carbon metabolism of temperate lakes. Nature communications, 13(1), 43.

Aubourg SP, et al. (2022) Comparative Study of Bioactive Lipid Extraction from Squid (Doryteuthis gahi) by-Products by Green Solvents. Foods (Basel, Switzerland), 11(15).

Scharn CR, et al. (2022) Characterization of SCCmec Instability in Methicillin-Resistant Staphylococcus aureus Affecting Adjacent Chromosomal Regions, Including the Gene for Staphylococcal Protein A (spa). Antimicrobial agents and chemotherapy, 66(4), e0237421.

Wang A, et al. (2022) A novel deep learning-based 3D cell segmentation framework for future image-based disease detection. Scientific reports, 12(1), 342.

Fedeli U, et al. (2022) Time series of diabetes attributable mortality from 2008 to 2017. Journal of endocrinological investigation, 45(2), 275.