Resource Summary Report

Generated by RRID on Apr 11, 2025

iChip

RRID:SCR_012958
Type: Tool

Proper Citation

iChip (RRID:SCR_012958)

Resource Information

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

Proper Citation: iChip (RRID:SCR_012958)

Description: Software package that uses hidden Ising models to identify enriched genomic regions in ChIP-chip data.

Abbreviations: iChip

Resource Type: software resource

Funding:

Resource Name: iChip

Resource ID: SCR_012958

Alternate IDs: OMICS_00807

Record Creation Time: 20220129T080313+0000

Record Last Update: 20250410T070319+0000

Ratings and Alerts

No rating or validation information has been found for iChip.

No alerts have been found for iChip.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Dos Santos JDN, et al. (2024) Unveiling the bioactive potential of Actinomycetota from the Tagus River estuary. International microbiology : the official journal of the Spanish Society for Microbiology, 27(5), 1357.

Ortiz A, et al. (2024) Cell type specific roles of FOXP1 during early neocortical murine development. bioRxiv : the preprint server for biology.

He J, et al. (2023) An entropy-controlled objective chip for reflective confocal microscopy with subdiffraction-limit resolution. Nature communications, 14(1), 5838.

Sorosina M, et al. (2022) A multi-step genomic approach prioritized TBKBP1 gene as relevant for multiple sclerosis susceptibility. Journal of neurology, 269(8), 4510.

Hajdarevic R, et al. (2022) Genetic association study in myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS) identifies several potential risk loci. Brain, behavior, and immunity, 102, 362.

Vitorino IR, et al. (2022) Stieleria sedimenti sp. nov., a Novel Member of the Family Pirellulaceae with Antimicrobial Activity Isolated in Portugal from Brackish Sediments. Microorganisms, 10(11).

Polrot A, et al. (2022) iChip increases the success of cultivation of TBT-resistant and TBT-degrading bacteria from estuarine sediment. World journal of microbiology & biotechnology, 38(10), 180.

Yang H, et al. (2022) Topographic design in wearable MXene sensors with in-sensor machine learning for full-body avatar reconstruction. Nature communications, 13(1), 5311.

Leo L, et al. (2021) Emerging Single-Cell Technological Approaches to Investigate Chromatin Dynamics and Centromere Regulation in Human Health and Disease. International journal of molecular sciences, 22(16).

Vitorino I, et al. (2021) Novel and Conventional Isolation Techniques to Obtain Planctomycetes from Marine Environments. Microorganisms, 9(10).

Hajdarevic R, et al. (2021) Fine mapping of the major histocompatibility complex (MHC) in myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS) suggests involvement of both HLA class I and class II loci. Brain, behavior, and immunity, 98, 101.

Bentsen MA, et al. (2020) Transcriptomic analysis links diverse hypothalamic cell types to fibroblast growth factor 1-induced sustained diabetes remission. Nature communications, 11(1), 4458.

Floc'hlay S, et al. (2020) Cis-acting variation is common across regulatory layers but is often buffered during embryonic development. Genome research, 31(2), 211.

Quigley J, et al. (2020) Novel Antimicrobials from Uncultured Bacteria Acting against Mycobacterium tuberculosis. mBio, 11(4).

Smith D, et al. (2019) Discovery pipelines for marine resources: an ocean of opportunity for biotechnology? World journal of microbiology & biotechnology, 35(7), 107.

Ihua MW, et al. (2019) Microbial Population Changes in Decaying Ascophyllum nodosum Result in Macroalgal-Polysaccharide-Degrading Bacteria with Potential Applicability in Enzyme-Assisted Extraction Technologies. Marine drugs, 17(4).

Alessi AM, et al. (2018) A practical introduction to microbial molecular ecology through the use of isolation chips. Ecology and evolution, 8(24), 12286.

Kapeleris J, et al. (2018) The Prognostic Role of Circulating Tumor Cells (CTCs) in Lung Cancer. Frontiers in oncology, 8, 311.

Sebé-Pedrós A, et al. (2018) Early metazoan cell type diversity and the evolution of multicellular gene regulation. Nature ecology & evolution, 2(7), 1176.

Kowanetz M, et al. (2018) Differential regulation of PD-L1 expression by immune and tumor cells in NSCLC and the response to treatment with atezolizumab (anti-PD-L1). Proceedings of the National Academy of Sciences of the United States of America, 115(43), E10119.