

# Resource Summary Report

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## [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

**Resource Name:** iChip

**Resource ID:** SCR\_012958

**Alternate IDs:** OMICS\_00807

**Record Creation Time:** 20220129T080313+0000

**Record Last Update:** 20260829T182425+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 33 mentions in open access literature.

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

Nunez J, et al. (2026) Early detection of aberrant cell fate and repair using circulating progenitor cells in patients with heterotopic ossification. *Nature communications*, 17(1).

Nazipi Bushi S, et al. (2025) A modified iChip for in situ cultivation of bacteria in arid environments. *Applied and environmental microbiology*, 91(2), e0132524.

Ortiz A, et al. (2025) Cell-type-specific roles of FOXP1 in the excitatory neuronal lineage during early neocortical murine development. *Cell reports*, 44(3), 115384.

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.

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.

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.

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).

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.

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.

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.

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

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).

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).

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