Resource Summary Report

Generated by NIF on Apr 25, 2025

HiCUP

RRID:SCR_005569

Type: Tool

Proper Citation

HiCUP (RRID:SCR_005569)

Resource Information

URL: http://www.bioinformatics.babraham.ac.uk/projects/hicup/

Proper Citation: HiCUP (RRID:SCR_005569)

Description: A tool for mapping and performing quality control on Hi-C data.

Abbreviations: HiCUP

Synonyms: Hi-C User Pipeline

Resource Type: software resource

Keywords: bio.tools

Funding:

Resource Name: HiCUP

Resource ID: SCR_005569

Alternate IDs: OMICS_00523, biotools:hicup

Alternate URLs: https://bio.tools/hicup

Record Creation Time: 20220129T080231+0000

Record Last Update: 20250420T014255+0000

Ratings and Alerts

No rating or validation information has been found for HiCUP.

No alerts have been found for HiCUP.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 228 mentions in open access literature.

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

Morgens DW, et al. (2025) Enhancers and genome conformation provide complex transcriptional control of a herpesviral gene. Molecular systems biology, 21(1), 30.

Chen Y, et al. (2025) An improved chromosome-level genome assembly and annotation of Hong Kong catfish (Clarias fuscus). Scientific data, 12(1), 193.

Gong X, et al. (2025) Chromosome-level genome assembly of lodes seguinii and its metabonomic implications for rheumatoid arthritis treatment. The plant genome, 18(1), e20534.

Zhang W, et al. (2025) Chromosome-level genome assembly of tetraploid Chinese cherry (Prunus pseudocerasus). Scientific data, 12(1), 136.

Trang KB, et al. (2025) 3D genomic features across >50 diverse cell types reveal insights into the genomic architecture of childhood obesity. eLife, 13.

Ray-Jones H, et al. (2025) Genetic coupling of enhancer activity and connectivity in gene expression control. Nature communications, 16(1), 970.

Liu R, et al. (2025) Chromosome-level reference genome and annotation of the Arctic fish Anisarchus medius. Scientific data, 12(1), 68.

Littleton SH, et al. (2024) Variant-to-function analysis of the childhood obesity chr12q13 locus implicates rs7132908 as a causal variant within the 3' UTR of FAIM2. Cell genomics, 4(5), 100556.

Li J, et al. (2024) Mechanosensitive super-enhancers regulate genes linked to atherosclerosis in endothelial cells. The Journal of cell biology, 223(3).

Pollex T, et al. (2024) Enhancer-promoter interactions become more instructive in the transition from cell-fate specification to tissue differentiation. Nature genetics, 56(4), 686.

Wang Z, et al. (2024) Chromosome-level genome assembly of the cashmere goat. Scientific

data, 11(1), 1107.

Zhang W, et al. (2024) Chromosome-level genome assembly of the medicinal insect Blaps rhynchopetera using Nanopore and Hi-C technologies. DNA research: an international journal for rapid publication of reports on genes and genomes, 31(6).

Pahl MC, et al. (2024) Dynamic chromatin architecture identifies new autoimmuneassociated enhancers for IL2 and novel genes regulating CD4+ T cell activation. eLife, 13.

Zhao Y, et al. (2024) Accelerating 3D genomics data analysis with Microcket. Communications biology, 7(1), 675.

Chen Y, et al. (2024) Telomere-to-telomere genome assembly of Eleocharis dulcis and expression profiles during corm development. Scientific data, 11(1), 869.

Trang KB, et al. (2024) Shared and unique 3D genomic features of substance use disorders across multiple cell types. medRxiv: the preprint server for health sciences.

Dong Z, et al. (2024) Genomic and single-cell analyses reveal genetic signatures of swimming pattern and diapause strategy in jellyfish. Nature communications, 15(1), 5936.

Wang M, et al. (2024) Chromosome-level genome assembly and population genomics reveals crucial selection for subgynoecy development in chieh-qua. Horticulture research, 11(6), uhae113.

Burton EA, et al. (2024) Variant-to-function mapping of late-onset Alzheimer's disease GWAS signals in human microglial cell models implicates RTFDC1 at the CASS4 locus. bioRxiv: the preprint server for biology.

Song Y, et al. (2024) Chromosome level genome assembly of endangered medicinal plant Anisodus tanguticus. Scientific data, 11(1), 161.