Resource Summary Report

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Mustache

RRID:SCR_026110
Type: Tool

Proper Citation

Mustache (RRID:SCR_026110)

Resource Information

URL: https://github.com/ay-lab/mustache

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Description: Software tool for multi-scale detection of chromatin loops from Hi-C and Micro-C contact maps in high resolutions (10kbp all the way to 500bp and even more). Used to detect chromatin loops caused by interaction of DNA segments with variable size.

Synonyms: Multi-scale Detection of Chromatin Loops from Hi-C and Micro-C Maps using Scale-Space Representation

Resource Type: software resource, source code, software application

Defining Citation: PMID:32998764

Keywords: detect chromatin loops, interaction of DNA segments, Hi-C, Micro-C, contact maps,

Funding: NIGMS R35 GM128938

Availability: Free, Available for download, Freely available

Resource Name: Mustache

Resource ID: SCR_026110

License: MIT license

Record Creation Time: 20241203T053255+0000

Record Last Update: 20250525T033113+0000

Ratings and Alerts

No rating or validation information has been found for Mustache.

No alerts have been found for Mustache.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Wang X, et al. (2024) A generalizable Hi-C foundation model for chromatin architecture, single-cell and multi-omics analysis across species. bioRxiv : the preprint server for biology.

Golov AK, et al. (2024) A genome-wide nucleosome-resolution map of promoter-centered interactions in human cells corroborates the enhancer-promoter looping model. eLife, 12.