Resource Summary Report

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CpG MPs

RRID:SCR_005441 Type: Tool

Proper Citation

CpG MPs (RRID:SCR_005441)

Resource Information

URL: http://202.97.205.78/CpG_MPs/

Proper Citation: CpG MPs (RRID:SCR_005441)

Description: Tool for identification and analysis of CpG methylation patterns of genomic regions from high-throughput bisulfite sequencing data. It may identify the unmethylated and methylated regions for a single sample, the conserved and differential methylation regions with different methylation patterns for paired or multiple samples. It includes four main modules as follows: # Normalization of the sequencing reads of cytosines following guanines; # Identification of the unmethylated (methylated) regions using hotspot extension algorithm; # Identification of conservatively and differentially methylated regions with the algorithm of analysis of variance (ANOVA) for assess the statistical significance of differentially methylated regions; # Extraction of sequence features and visualization of these potentially functional regions.

Abbreviations: CpG_MPs

Synonyms: CpG_MPs: identification of CpG methylation patterns of genomic regions

Resource Type: service resource, production service resource, data analysis service, analysis service resource, software resource

Keywords: genomic methylation pattern, genomic, methylation pattern, java

Funding:

Resource Name: CpG MPs

Resource ID: SCR_005441

Alternate IDs: OMICS_00596

Record Creation Time: 20220129T080230+0000

Record Last Update: 20250429T055004+0000

Ratings and Alerts

No rating or validation information has been found for CpG MPs.

No alerts have been found for CpG MPs.

Data and Source Information

Source: <u>SciCrunch Registry</u>

Usage and Citation Metrics

We have not found any literature mentions for this resource.