Resource Summary Report

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epigenomix

RRID:SCR_006407
Type: Tool

Proper Citation

epigenomix (RRID:SCR_006407)

Resource Information

URL: http://www.bioconductor.org/packages/2.13/bioc/html/epigenomix.html

Proper Citation: epigenomix (RRID:SCR_006407)

Description: Software package for the integrative analysis of microarray based gene expression and histone modification data obtained by ChIP-seq. The package provides methods for data preprocessing and matching as well as methods for fitting bayesian mixture models in order to detect genes with differences in both data types.

Abbreviations: epigenomix

Synonyms: epigenomix - Epigenetic and gene expression data normalization and integration with mixture models

Resource Type: data processing software, software resource, software application

Defining Citation: PMID:24403540

Keywords: epigenetic, gene expression, microarray, histone modification, chip-seq, classification, differential expression, bio.tools

Funding:

Availability: GNU Lesser General Public License, v3

Resource Name: epigenomix

Resource ID: SCR_006407

Alternate IDs: biotools:epigenomix, OMICS_02205

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

Record Creation Time: 20220129T080236+0000

Record Last Update: 20250416T063436+0000

Ratings and Alerts

No rating or validation information has been found for epigenomix.

No alerts have been found for epigenomix.

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.

Dasgupta P, et al. (2022) Dynamicity of histone H3K27ac and H3K27me3 modifications regulate the cold-responsive gene expression in Oryza sativa L. ssp. indica. Genomics, 114(4), 110433.

Fulcoli FG, et al. (2016) Rebalancing gene haploinsufficiency in vivo by targeting chromatin. Nature communications, 7, 11688.