

Resource Summary Report

Generated by [nidm-terms](#) on Jul 29, 2026

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>

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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: software application, software resource, data processing software

Defining Citation: [PMID:24403540](#)

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

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: 20260727T040416+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 [nidm-terms](#) .

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.