

# Resource Summary Report

Generated by [NIF](#) on Sep 2, 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:** data processing software, software application, software resource

**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:** 20260829T182843+0000

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## Ratings and Alerts

No rating or validation information has been found for epigenomix.

No alerts have been found for epigenomix.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

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.