

Resource Summary Report

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DiffBind

RRID:SCR_012918

Type: Tool

Proper Citation

DiffBind (RRID:SCR_012918)

Resource Information

URL: <http://bioconductor.org/packages/release/bioc/html/DiffBind.html>

Proper Citation: DiffBind (RRID:SCR_012918)

Description: Compute differentially bound sites from multiple ChIP-seq experiments using affinity (quantitative) data. Also enables occupancy (overlap) analysis and plotting functions.

Abbreviations: DiffBind

Synonyms: Differential Binding Analysis of ChIP-Seq peak data

Resource Type: software resource

Keywords: bio.tools

Resource Name: DiffBind

Resource ID: SCR_012918

Alternate IDs: biotools:diffbind, OMICS_00471

Alternate URLs: <https://bio.tools/diffbind>

Record Creation Time: 20220129T080313+0000

Record Last Update: 20260829T182435+0000

Ratings and Alerts

No rating or validation information has been found for DiffBind.

No alerts have been found for DiffBind.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1449 mentions in open access literature.

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

Kunzelman GW, et al. (2026) Chromatin Profiling Reveals Distinct Male and Female Trajectories for Developmental Learning Potential. *Developmental neurobiology*, 86(1), e23017.

Song Y, et al. (2026) APC loss promotes endometrial cancer progression by upregulating FGF12 expression: An integrated multi-omics analysis. *Chinese medical journal*, 139(7), 1083.

Kar R, et al. (2026) A distinct subset of stem-cell memory is poised for the cytotoxicity program in CD4+ T cells in humans. *Science advances*, 12(2), eady6423.

Ma J, et al. (2026) CRISPR/Cas12a-RCA enables ultrasensitive detection of circulating free DNA for noninvasive diagnosis of echinococcosis. *PLoS neglected tropical diseases*, 20(1), e0013069.

Hu X, et al. (2026) RNA-m5C regulatory atlas of human fetal tissues uncover the activities of Nsun2/Jarid2/Alyref axis. *Journal of advanced research*, 83, 659.

Li X, et al. (2026) Integrative epigenomic and transcriptomic profiling reveals organ-specific and coordinated cold stress responses in the brain and gill of Nile tilapia. *Stress biology*, 6(1), 4.

Kaufman R, et al. (2026) Mithramycin alters EWS::FLI1 DNA binding and RNA polymerase II processivity to inhibit nascent transcription. *Nature communications*, 17(1).

Damani-Yokota P, et al. (2026) Type 2 immune history imprints local training in nerve and airway associated interstitial macrophages (NAMs) for disease tolerance during lethal respiratory viral infection. *Research square*.

Wang Y, et al. (2026) Image-based epigenetic profiling with deep learning and high-speed super-resolution microscopy. *Epigenetics & chromatin*, 19(1).

Chang X, et al. (2026) ZMAT1 Promotes Osteoclastogenesis Through TRIM46 Mediated YAP1 Degradation and Inhibits Osteoblastogenesis. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(27), e21783.

Song X, et al. (2026) Dynamic chromatin regulatory programs of sucrose and citric acid metabolism during fruit ripening in Citrus. *The Plant cell*, 38(3).

Hamdan FH, et al. (2026) Intestinal Stem Cells From Patients With Inflammatory Bowel Disease Retain an Epigenetic Memory of Inflammation. *Cellular and molecular*

gastroenterology and hepatology, 20(7), 101774.

Paldi F, et al. (2026) Transient histone deacetylase inhibition induces cellular memory of gene expression and 3D genome folding. *Nature genetics*, 58(2), 404.

Liang J, et al. (2026) Loss of luminal lineage drives resistance to next-generation ER?? antagonists in pretreated ER+ HER2- locally-advanced or metastatic breast cancer. *Nature communications*, 17(1).

Wulfridge P, et al. (2026) ADNP regulates chromatin architecture and lineage fidelity during neural differentiation. *PLoS genetics*, 22(4), e1012081.

Cortolezzis Y, et al. (2026) RPA hyperphosphorylation hinders the resolution of R-loops and G-quadruplex-associated R-loops during RAS-driven senescence. *Nucleic acids research*, 54(7).

Wu J, et al. (2026) ZmSSRP1-mediated chromatin accessibility modulates maize development via regulation of ZmBRD1 transcription. *Plant physiology*, 201(1).

Kaminski PJ, et al. (2026) Dissecting polycomb complexes for enhanced fetal hemoglobin production. *bioRxiv : the preprint server for biology*.

LaMarca EA, et al. (2026) R-loop landscapes in the developing human brain are linked to neural differentiation and cell type-specific transcription. *Translational psychiatry*, 16(1).

LaRue-Nolan KC, et al. (2026) A Novel Emerin/Nesprin-3 Interaction Mediates Nuclear Size Changes Induced by Oncogenic KRAS in Pancreatic Cancer Cells. *Molecular and cellular biology*, 46(7), 746.