Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

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: 20260912T195755+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 SPARC SAWG .

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.

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

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.

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.

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.

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

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).

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).

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

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).

Behera R, et al. (2026) FOSL2 regulates endothelial cell state and chromatin accessibility in systemic sclerosis pulmonary vascular remodeling. JCI insight, 11(8).

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

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.

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).

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.

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.

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

Townsel A, et al. (2026) Early Epigenetic and Metabolic Responses to the Adipocyte Secretome Reveal Stress-Adaptive States in Triple-Negative Breast Cancer. bioRxiv : the preprint server for biology.

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