

Resource Summary Report

Generated by [ASWG](#) on Aug 2, 2026

diffReps

RRID:SCR_010873

Type: Tool

Proper Citation

diffReps (RRID:SCR_010873)

Resource Information

URL: <http://code.google.com/p/diffreps/>

Proper Citation: diffReps (RRID:SCR_010873)

Description: Finding differential chromatin modification sites from ChIP-seq data.

Abbreviations: diffReps

Resource Type: software resource

Resource Name: diffReps

Resource ID: SCR_010873

Alternate IDs: OMICS_00472

Record Creation Time: 20220129T080301+0000

Record Last Update: 20260801T190417+0000

Ratings and Alerts

No rating or validation information has been found for diffReps.

No alerts have been found for diffReps.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 148 mentions in open access literature.

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

- Qi Q, et al. (2025) The RNA M5C methyltransferase NSUN2 promotes progression of hepatocellular carcinoma by enhancing PKM2-mediated glycolysis. *Cell death & disease*, 16(1), 82.
- Zhang S, et al. (2025) Leucine-rich pentatricopeptide repeat-containing protein (LRPPRC)-stabilized lncRNA small nucleolar RNA host gene 15 (Snhg15) modulates hematopoietic injury induced by γ -ray irradiation via m6A modification. *Molecular biomedicine*, 6(1), 44.
- Yang Q, et al. (2025) The NEXT complex regulates H3K27me3 levels to affect cancer progression by degrading G4/U-rich lncRNAs. *Nucleic acids research*, 53(4).
- Zeng Y, et al. (2025) Transcriptome-Wide Analysis of N6-Methyladenosine-Modified Long Noncoding RNAs in Particulate Matter-Induced Lung Injury. *Toxics*, 13(2).
- Grapentine S, et al. (2025) Epigenome-wide methylation analysis shows phosphonoethylamine alleviates aberrant DNA methylation in NASH caused by Pcyt2 deficiency. *PloS one*, 20(3), e0320510.
- Geng Q, et al. (2025) IGF2BP3-mediated m6A modification of RASGRF1 promoting joint injury in rheumatoid arthritis. *Bone research*, 13(1), 51.
- Zheng XN, et al. (2025) Cross-lineage 5-methylcytosine methylome profiling reveals methylated divergence among *Toxoplasma gondii* tachyzoites of the three major clonal lineages. *Infectious diseases of poverty*, 14(1), 87.
- Chen H, et al. (2025) *Helicobacter pylori* infection aggravates hepatic steatosis by lactylation-driven WTAP-mediated m6A modification. *Gut microbes*, 17(1), 2599543.
- Grimm SL, et al. (2025) CA-125 as a Biomarker in Renal Medullary Carcinoma: Integrated Molecular Profiling, Functional Characterization, and Prospective Clinical Validation. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(6), 1057.
- Chen XH, et al. (2025) YTHDF3 recognizes DNA N6-methyladenine and recruits ALKBH1 for 6mA removal from genomic DNA. *The EMBO journal*, 44(17), 4899.
- Fulton SL, et al. (2025) Major-depressive-disorder-associated dysregulation of ZBTB7A in orbitofrontal cortex promotes astrocyte-mediated stress susceptibility. *Neuron*, 113(16), 2656.
- Wang J, et al. (2025) Altered expression and potential role of N6-methyladenosine mRNA methylation in abdominal aortic aneurysm mouse model. *Scientific reports*, 15(1), 18893.
- Seasock MJ, et al. (2025) Let-7 restrains an epigenetic circuit in AT2 cells to prevent fibrogenic intermediates in pulmonary fibrosis. *Nature communications*, 16(1), 4353.
- Wei L, et al. (2025) TGF- β 1-induced m6A modifications accelerate onset of nuclear cataract in high myopia by modulating the PCP pathway. *Nature communications*, 16(1),

Jiang Y, et al. (2025) NSUN2-mediated RNA m5C modification drives multiple myeloma progression by enhancing the stability of HIP1 mRNA. *Scientific reports*, 15(1), 27888.

Wang S, et al. (2025) Distinct 5-methylcytosine profiles of LncRNA in breast cancer brain metastasis. *BMC cancer*, 25(1), 557.

Campos-León K, et al. (2025) Repression of CADM1 transcription by HPV type 18 is mediated by three-dimensional rearrangement of promoter-enhancer interactions. *PLoS pathogens*, 21(1), e1012506.

Chen Q, et al. (2025) Aberrant downregulation of Y-box binding protein 1 expression impairs the cell cycle in an m5C-dependent manner in human granulosa cells from patients with primary ovarian insufficiency. *Cellular and molecular life sciences : CMLS*, 82(1), 206.

Tu L, et al. (2025) ALKBH3-Mediated M1A Demethylation of METTL3 Endows Pathological Fibrosis:Interplay Between M1A and M6A RNA Methylation. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(19), e2417067.

Ding M, et al. (2024) N-acetyltransferase 10 facilitates tumorigenesis of diffuse large B-cell lymphoma by regulating AMPK/mTOR signalling through N4-acetylcytidine modification of SLC30A9. *Clinical and translational medicine*, 14(7), e1747.