

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 13, 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: 20260912T195725+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 156 mentions in open access literature.

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

von Stromberg K, et al. (2026) The adenovirus oncoprotein E1B-55K reshapes epigenetic histone modifications in primary human cells. *mBio*, 17(3), e0347025.

Wu K, et al. (2026) IGF2BP3 promotes progression of head and neck cancers through the circHECTD2/hsa_miR_4310/7157-5p/Smad2 signaling axis in an m6A modification-dependent manner. *Molecular cancer*, 25(1).

Hu W, et al. (2026) Mettl3-mediated m6A disruption of olfactory bulb glutamatergic metabolism homeostasis via the Wnt pathway in aging leads to olfactory dysfunction. *Cellular and molecular life sciences : CMLS*, 83(1).

Qian Y, et al. (2026) Cancer-associated fibroblasts promote osimertinib resistance in non-small cell lung cancer cells via METTL1-mediated NET1 m7G modification. *Cell death & disease*, 17(1).

Su Y, et al. (2026) Sequential transcriptional waves and NF- κ B-driven chromatin remodeling direct drug-induced dedifferentiation in cancer. *Nature communications*, 17(1).

Li L, et al. (2026) Targeting G3BP1 Condensate Topology Promotes Stress Granule Assembly via m6A-IGF2BP1 for Ischemic Stroke Rescue. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(6), e14703.

Wang F, et al. (2026) MCM8 variants in two patients with primary ovarian insufficiency: clinical findings and in vitro defective DNA repair revealed by an MCM8 double-mutant construct. *Frontiers in endocrinology*, 17, 1807887.

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.

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.

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.

Zeng Y, et al. (2025) Transcriptome-Wide Analysis of N6-Methyladenosine-Modified Long Noncoding RNAs in Particulate Matter-Induced Lung Injury. *Toxics*, 13(2).

Geng Q, et al. (2025) IGF2BP3-mediated m6A modification of RASGRF1 promoting joint injury in rheumatoid arthritis. *Bone research*, 13(1), 51.

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.

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).

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.

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.

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.

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.