Resource Summary Report

Generated by RRID on Apr 11, 2025

MAnorm

RRID:SCR_010869
Type: Tool

Proper Citation

MAnorm (RRID:SCR_010869)

Resource Information

URL: http://bcb.dfci.harvard.edu/~gcyuan/MAnorm/MAnorm.htm

Proper Citation: MAnorm (RRID:SCR_010869)

Description: A robust software package for quantitative comparison of ChIP-Seq data sets.

Abbreviations: MAnorm

Synonyms: Manorm - a robust model for quantitative comparison of ChIP-Seq data sets

Resource Type: software resource

Defining Citation: PMID:22424423

Keywords: bio.tools

Funding:

Resource Name: MAnorm

Resource ID: SCR_010869

Alternate IDs: OMICS_00467, biotools:manorm

Alternate URLs: https://bio.tools/manorm

Record Creation Time: 20220129T080301+0000

Record Last Update: 20250410T070026+0000

Ratings and Alerts

No rating or validation information has been found for MAnorm.

No alerts have been found for MAnorm.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 94 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Maezawa S, et al. (2025) Site-specific DNA demethylation during spermatogenesis presets the sites of nucleosome retention in mouse sperm. bioRxiv : the preprint server for biology.

Zhou L, et al. (2024) Mina53 demethylates histone H4 arginine 3 asymmetric dimethylation to regulate neural stem/progenitor cell identity. Nature communications, 15(1), 10227.

Poza-Viejo L, et al. (2024) Brassica rapa CURLY LEAF is a major H3K27 methyltransferase regulating flowering time. Planta, 260(1), 27.

Lee BK, et al. (2024) Dynamic and distinct histone modifications facilitate human trophoblast lineage differentiation. Scientific reports, 14(1), 4505.

Wen C, et al. (2024) MCM8 interacts with DDX5 to promote R-loop resolution. The EMBO journal, 43(14), 3044.

John E, et al. (2024) Regulatory insight for a Zn2Cys6 transcription factor controlling effector-mediated virulence in a fungal pathogen of wheat. PLoS pathogens, 20(9), e1012536.

Feng Y, et al. (2024) The roles of DNA methylation on pH dependent i-motif (iM) formation in rice. Nucleic acids research, 52(3), 1243.

Kim M, et al. (2024) The transcriptional regulatory network modulating human trophoblast stem cells to extravillous trophoblast differentiation. Nature communications, 15(1), 1285.

Zhu Y, et al. (2024) ZBTB7B is a permissive regulator of hepatocellular carcinoma initiation by repressing c-Jun expression and function. Cell death & disease, 15(1), 55.

Xiang G, et al. (2024) JMnorm: a novel joint multi-feature normalization method for integrative and comparative epigenomics. Nucleic acids research, 52(2), e11.

Du Y, et al. (2024) ASH1L in Hepatoma Cells and Hepatic Stellate Cells Promotes Fibrosis-Associated Hepatocellular Carcinoma by Modulating Tumor-Associated Macrophages. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(45), e2404756.

Jiang Z, et al. (2024) Ferroptosis in Osteocytes as a Target for Protection Against Postmenopausal Osteoporosis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(12), e2307388.

Puerto M, et al. (2024) The zinc-finger protein Z4 cooperates with condensin II to regulate somatic chromosome pairing and 3D chromatin organization. Nucleic acids research, 52(10), 5596.

Veerappa AM, et al. (2024) CloudATAC: a cloud-based framework for ATAC-Seq data analysis. Briefings in bioinformatics, 25(Supplement_1).

Templeton CW, et al. (2024) HPV induced R-loop formation represses innate immune gene expression while activating DNA damage repair pathways. PLoS pathogens, 20(8), e1012454.

Du K, et al. (2024) The chromatin remodeling factor OsINO80 promotes H3K27me3 and H3K9me2 deposition and maintains TE silencing in rice. Nature communications, 15(1), 10919.

Li J, et al. (2024) ZmELP1, an Elongator complex subunit, is required for the maintenance of histone acetylation and RNA Pol II phosphorylation in maize kernels. Plant biotechnology journal, 22(5), 1251.

Yang Z, et al. (2024) Tumor-Associated Monocytes Reprogram CD8+ T Cells into Central Memory-Like Cells with Potent Antitumor Effects. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(16), e2304501.

Uneme Y, et al. (2024) Morc1 reestablishes H3K9me3 heterochromatin on piRNA-targeted transposons in gonocytes. Proceedings of the National Academy of Sciences of the United States of America, 121(13), e2317095121.

Smith AL, et al. (2024) BET inhibition reforms the immune microenvironment and alleviates T cell dysfunction in chronic lymphocytic leukemia. JCI insight, 9(10).