Resource Summary Report

Generated by dkNET on Apr 29, 2025

PePr

RRID:SCR_005759
Type: Tool

Proper Citation

PePr (RRID:SCR_005759)

Resource Information

URL: https://code.google.com/p/pepr-chip-seq/

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Description: A ChIP-Seq peak calling or differential binding analysis tool that is primarily designed for data with biological replicates. It uses a negative binomial distribution to model the read counts among the samples in the same group, and look for consistent differences between ChIP and control group or two ChIP groups run under different conditions.

Abbreviations: PePr

Synonyms: pepr-chip-seq, Peak Prioritization Pipeline, pepr-chip-seq: A ChIP-Seq analyzing program for biological replicates

Resource Type: software resource

Defining Citation: PMID:24894502

Keywords: python, bio.tools

Funding:

Availability: GNU General Public License, v3

Resource Name: PePr

Resource ID: SCR_005759

Alternate IDs: OMICS_04058, biotools:pepr

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

Record Creation Time: 20220129T080232+0000

Record Last Update: 20250420T014301+0000

Ratings and Alerts

No rating or validation information has been found for PePr.

No alerts have been found for PePr.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 49 mentions in open access literature.

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

Shi L, et al. (2025) CRISPRepi: a multi-omic atlas for CRISPR-based epigenome editing. Nucleic acids research, 53(D1), D901.

Suresh V, et al. (2024) PRDM16 co-operates with LHX2 to shape the human brain. Oxford open neuroscience, 3, kvae001.

Jyoti , et al. (2024) Comprehensive analysis of computational approaches in plant transcription factors binding regions discovery. Heliyon, 10(20), e39140.

Kayahashi K, et al. (2024) Androgen-responsive FOXP4 is a target for endometrial carcinoma. Communications biology, 7(1), 740.

Haghani V, et al. (2024) Improving rigor and reproducibility in chromatin immunoprecipitation assay data analysis workflows with Rocketchip. bioRxiv : the preprint server for biology.

Tong X, et al. (2024) 5-Hydroxymethylcytosine in circulating cell-free DNA as a potential diagnostic biomarker for SLE. Lupus science & medicine, 11(2).

Wang K, et al. (2024) piOxi database: a web resource of germline and somatic tissue piRNAs identified by chemical oxidation. Database : the journal of biological databases and curation, 2024.

Maggonage MHU, et al. (2024) Identifying the potential of ovalbumin and its' hydrolysates to be used in a liquid food system to develop functional beverages. Poultry science, 104(1),

104515.

Beauvais V, et al. (2023) Tho2 is critical for the recruitment of Rrp6 to chromatin in response to perturbed mRNP biogenesis. RNA (New York, N.Y.), 30(1), 89.

Sumimoto H, et al. (2023) Oncogenic epidermal growth factor receptor signal-induced histone deacetylation suppresses chemokine gene expression in human lung adenocarcinoma. Scientific reports, 13(1), 5087.

Batugedara G, et al. (2023) Novel insights into the role of long non-coding RNA in the human malaria parasite, Plasmodium falciparum. Nature communications, 14(1), 5086.

Suresh V, et al. (2023) Regulation of chromatin accessibility and gene expression in the developing hippocampal primordium by LIM-HD transcription factor LHX2. PLoS genetics, 19(8), e1010874.

Dhat R, et al. (2023) Epigenetic modifier alpha-ketoglutarate modulates aberrant gene body methylation and hydroxymethylation marks in diabetic heart. Epigenetics & chromatin, 16(1), 12.

Sawada T, et al. (2022) Antagonistic action of a synthetic androgen ligand mediated by chromatin remodeling in a human prostate cancer cell line. Biochemical and biophysical research communications, 612, 110.

Kanemoto Y, et al. (2022) A long non-coding RNA as a direct vitamin D target transcribed from the antisense strand of the human HSD17B2 locus. Bioscience reports, 42(5).

Wang L, et al. (2022) Cell-cell contact-driven EphB1 cis- and trans- signalings regulate cancer stem cells enrichment after chemotherapy. Cell death & disease, 13(11), 980.

Murdaugh RL, et al. (2021) The histone H3.3 chaperone HIRA restrains erythroid-biased differentiation of adult hematopoietic stem cells. Stem cell reports, 16(8), 2014.

Moonen RPM, et al. (2021) Iron Oxide Nanoparticle Uptake in Mouse Brachiocephalic Artery Atherosclerotic Plaque Quantified by T2-Mapping MRI. Pharmaceutics, 13(2).

Bengtsen M, et al. (2021) Comparing the epigenetic landscape in myonuclei purified with a PCM1 antibody from a fast/glycolytic and a slow/oxidative muscle. PLoS genetics, 17(11), e1009907.

Ulianov SV, et al. (2021) Suppression of liquid-liquid phase separation by 1,6-hexanediol partially compromises the 3D genome organization in living cells. Nucleic acids research, 49(18), 10524.