Resource Summary Report

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University of Pittsburgh Center for Research Computing Core Facility

RRID:SCR_022735
Type: Tool

Proper Citation

University of Pittsburgh Center for Research Computing Core Facility (RRID:SCR_022735)

Resource Information

URL: http://crc.pitt.edu

Proper Citation: University of Pittsburgh Center for Research Computing Core Facility (RRID:SCR_022735)

Description: Supports leading edge research with free access to advanced computing hardware and software.

Synonyms: Center for Research Computing

Resource Type: core facility, service resource, access service resource

Keywords: USEDit, ABRF, advanced computing hardware and software services

Funding: NIH Office of the Director S10OD028483

Resource Name: University of Pittsburgh Center for Research Computing Core Facility

Resource ID: SCR_022735

Alternate IDs: ABRF_1544

Alternate URLs: https://coremarketplace.org/?FacilityID=1544&citation=1

Record Creation Time: 20220913T050150+0000

Record Last Update: 20250519T205334+0000

Ratings and Alerts

No rating or validation information has been found for University of Pittsburgh Center for Research Computing Core Facility.

No alerts have been found for University of Pittsburgh Center for Research Computing Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 146 mentions in open access literature.

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

Guo ZC, et al. (2024) Reduced neural distinctiveness of speech representations in the middle-aged brain. bioRxiv : the preprint server for biology.

Santini T, et al. (2024) Investigating microstructural changes between in vivo and perfused ex vivo marmoset brains using oscillating gradient and b-tensor encoded diffusion MRI at 9.4?T. Magnetic resonance in medicine.

Bertocci MA, et al. (2024) Neural markers of mania that distinguish inpatient adolescents with bipolar disorder from those with other psychopathology. Psychiatry research, 333, 115747.

Miranda O, et al. (2024) DeepBiomarker2: Prediction of Alcohol and Substance Use Disorder Risk in Post-Traumatic Stress Disorder Patients Using Electronic Medical Records and Multiple Social Determinants of Health. Journal of personalized medicine, 14(1).

DePoy LM, et al. (2024) Adolescent circadian rhythm disruption increases reward and risk-taking. Frontiers in neuroscience, 18, 1478508.

Yates ME, et al. (2024) ESR1 Fusions Invoke Breast Cancer Subtype-Dependent Enrichment of Ligand-Independent Oncogenic Signatures and Phenotypes. Endocrinology, 165(10).

Patty BJ, et al. (2024) H3.3K122A results in a neomorphic phenotype in mouse embryonic stem cells. Epigenetics & chromatin, 17(1), 32.

Lee S, et al. (2024) Cancer-cell derived S100A11 promotes macrophage recruitment in ER+ breast cancer. Oncoimmunology, 13(1), 2429186.

Wang LJ, et al. (2024) shinyDeepDR: A user-friendly R Shiny app for predicting anti-cancer drug response using deep learning. Patterns (New York, N.Y.), 5(2), 100894.

Shah OS, et al. (2024) Spatial molecular profiling of mixed invasive ductal and lobular breast cancers reveals heterogeneity in intrinsic molecular subtypes, oncogenic signatures, and mutations. Proceedings of the National Academy of Sciences of the United States of America, 121(31), e2322068121.

Bhatt R, et al. (2024) CENsible: Interpretable Insights into Small-Molecule Binding with Context Explanation Networks. Journal of chemical information and modeling, 64(12), 4651.

Valenzi E, et al. (2024) Altered AP-1, RUNX and EGR chromatin dynamics drive fibrotic lung disease. bioRxiv : the preprint server for biology.

Francette AM, et al. (2024) Multiple direct and indirect roles of the Paf1 complex in transcription elongation, splicing, and histone modifications. Cell reports, 43(9), 114730.

Duan B, et al. (2024) Higher-order epistasis within Pol II trigger loop haplotypes. Genetics, 228(4).

King JE, et al. (2024) Interpreting forces as deep learning gradients improves quality of predicted protein structures. Biophysical journal, 123(17), 2730.

Zhu Y, et al. (2024) Quantitative analysis of transcription start site selection reveals control by DNA sequence, RNA polymerase II activity and NTP levels. Nature structural & molecular biology, 31(1), 190.

Luo Z, et al. (2024) In Situ Formation of Fibronectin-Enriched Protein Corona on Epigenetic Nanocarrier for Enhanced Synthetic Lethal Therapy. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(19), e2307940.

Luo Z, et al. (2024) Inhibition of iRhom1 by CD44-targeting nanocarrier for improved cancer immunochemotherapy. Nature communications, 15(1), 255.

Zhang L, et al. (2024) Single-cell analysis reveals the stromal dynamics and tumor-specific characteristics in the microenvironment of ovarian cancer. Communications biology, 7(1), 20.

Francette AM, et al. (2024) Multiple direct and indirect roles of Paf1C in elongation, splicing, and histone post-translational modifications. bioRxiv : the preprint server for biology.