Resource Summary Report

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Beth Israel Deaconess Medical Center Functional Genomics and Bioinformatics Core Facility

RRID:SCR_024877
Type: Tool

Proper Citation

Beth Israel Deaconess Medical Center Functional Genomics and Bioinformatics Core Facility (RRID:SCR_024877)

Resource Information

URL: https://www.baderc.org/cores/functional-genomics-and-bioinformatics-core/

Proper Citation: Beth Israel Deaconess Medical Center Functional Genomics and Bioinformatics Core Facility (RRID:SCR_024877)

Description: Core provides consultative, laboratory, and bioinformatic services for next generation sequencing based applications.Core services include Pre- and post-experimental consultation to determine proper experimental approach, design, and interpretation; Standalone RNA preparation, RNA and DNA Bioanalyzer analyses, chromatin shearing/shear checks; Sample quality assessment of DNA and RNA using the BioAnalyzer and Qubit assays; Library preparation, sequencing, and analysis of transcriptomes (RNA-seq), cistromes (ChIP-seq), chromatin accessibility (ATAC-seq); Standalone sequencing on NextSeq500; Multiplexed 10x Single Cell/Nucleus Library RNA-seq Droplet generation, Library Preparation; Basic data analysis: quality assessment and normalization, genomic alignment, differential expression/enrichment, functional enrichment analysis (overrepresentation and GSEA), sample clustering, and motif enrichment; Bespoke data analysis, including integration of complex ChIP-seq and RNA-seq data sets, single-cell sequencing analyses.Core is located on the 7th floor of the Center for Life Sciences building in the Longwood Medical area (3 Blackfan Circle, CLS-728).

Synonyms: Functional Genomics and Bioinformatics Core

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

Keywords: ABRF, next generation sequencing services, RNA, DNA, chromatin shearing, library preparation; basic data analysis,

Funding:

Availability: Open

Resource Name: Beth Israel Deaconess Medical Center Functional Genomics and Bioinformatics Core Facility

Resource ID: SCR_024877

Alternate IDs: ABRF_2604

Alternate URLs: https://coremarketplace.org/?FacilityID=2604&citation=1

Record Creation Time: 20240113T050240+0000

Record Last Update: 20250525T033003+0000

Ratings and Alerts

No rating or validation information has been found for Beth Israel Deaconess Medical Center Functional Genomics and Bioinformatics Core Facility.

No alerts have been found for Beth Israel Deaconess Medical Center Functional Genomics and Bioinformatics Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Gulko A, et al. (2024) Protocol for flow cytometry-assisted single-nucleus RNA sequencing of human and mouse adipose tissue with sample multiplexing. STAR protocols, 5(1), 102893.