

Resource Summary Report

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Massachusetts Institute of Technology MIT BioMicro Center Core Facility

RRID:SCR_026413

Type: Tool

Proper Citation

Massachusetts Institute of Technology MIT BioMicro Center Core Facility
(RRID:SCR_026413)

Resource Information

URL: <http://biomicro.mit.edu>

Proper Citation: Massachusetts Institute of Technology MIT BioMicro Center Core Facility
(RRID:SCR_026413)

Description: Integrated genomics/bioinformatics facility located at MIT. Provides Illumina HiSeq2000, NextSeq500 and MiSeq sequencing instruments as well as PacBio Sequel and Oxford Minion. Provides services in preparing Illumina libraries for high-throughput sequencing samples using several different methods, supports technologies including Agilent BioAnalyzer, AATI Fragment Analyzer, AATI FemtoPulse, Roche LC480 qPCR machines, automated liquid handling through Tecan Evo150s, TTP Labtech Mosquito HV. Supports 10X Chromium and single cell work using NamoCell single cell dispenser and custom oligo synthesis using Dr.Oligo 192. Supports informatics and bioIT tools. Core administers ~2PB of data storage on several platforms, including 600TB Isilon server. Hosts 400 processor Dell cluster and Dell Quad Core 2950 application server for Illumina sequencing and bioinformatic applications. All application servers and storage servers are interconnected by 1gigabyte private networks or by fiber optic lines and are administered by IT staff that are part of the BioMicro Center. Servers are configurable to provide secure data storage for clinical data if required.

Synonyms: , Massachusetts Institute of Technology MIT BioMicro Center, MIT BioMicro Center

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

Keywords: ABRF, integrated genomics services, bioinformatics services, servers, storage

servers, secure data storage,

Funding:

Availability: Restricted

Resource Name: Massachusetts Institute of Technology MIT BioMicro Center Core Facility

Resource ID: SCR_026413

Alternate IDs: ABRF_506

Alternate URLs: <https://coremarketplace.org/?FacilityID=506&citation=1>

Record Creation Time: 20250212T060343+0000

Record Last Update: 20250501T081844+0000

Ratings and Alerts

No rating or validation information has been found for Massachusetts Institute of Technology MIT BioMicro Center Core Facility.

No alerts have been found for Massachusetts Institute of Technology MIT BioMicro Center Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.