

Resource Summary Report

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CHB Molecular Genetics Core Facility

RRID:SCR_009715

Type: Tool

Proper Citation

CHB Molecular Genetics Core Facility (RRID:SCR_009715)

Resource Information

URL: <http://core.iddrc.org/molecular-genetics/>

Proper Citation: CHB Molecular Genetics Core Facility (RRID:SCR_009715)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on October 8, 2024. Core facility that provides the following services: DNA sequencing (standard) service, Taqman gene expression service, Taqman SNP genotyping, Digital PCR service, Genomic mapping facility standard service, DNA purification from blood and saliva, RNA purification service, Master 96-well plate sample preparation, Gene expression service, SNP genotyping service, Bioanalysis of RNA and DNA, Next-generation sequencing service, Sequenom SNP genotyping, SNP and qPCR 7900HT instrument access. The Molecular Genetics Core Facility (MGCF) is a non-profit core laboratory in the Program in Genomics and Genetics Division of Children's Hospital Boston offering genomics services for academic research institutions. The majority of MGCF users are investigators from Children's Hospital Boston and the surrounding Harvard affiliates, but the MGCF also serves laboratories throughout the entire United States. The MGCF is comprised of a compilation of smaller cores partially supported by private and federal funds. Funding is provided in part through The Intellectual and Developmental Disabilities Research Center, The Manton Center for Orphan Disease Research, The Wellstone Center for Muscular Dystrophy, and The Neuromuscular Disease Project of the Program in Genomics at Children's Hospital Boston. The overall objective of the MGCF is to provide a location where researchers can have access to high quality, low cost genomic technology services and expertise in a timely, affordable manner. The services offered include DNA sequencing, Next-Gen sequencing, Affymetrix and Illumina whole-genome expression and genotyping microarray technology, microsatellite genotyping, high-throughput qPCR and SNP services on the Fluidigm Biomark System, multiplex SNP genotyping on the Sequenom MassARRAY, and sample extraction and banking. The MGCF also assists investigators with project design and collaborates on linkage and association study analysis.

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

Keywords: polymerase chain reaction, dna sequencing, gene expression analysis assay, genotyping assay, microsatellite analysis, dna purification, purification, sample preparation for assay, rna quality analysis, dna quality analysis, next generation sequencing, real-time pcr, single-nucleotide polymorphism analysis

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: CHB Molecular Genetics Core Facility

Resource ID: SCR_009715

Alternate IDs: nlx_156175

Old URLs: <http://harvard.eagle-i.net/i/0000012c-bcb1-7724-02c0-2b6880000000>,
<http://core.iddrc.org/molecular-genetics/>

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Ratings and Alerts

No rating or validation information has been found for CHB Molecular Genetics Core Facility.

No alerts have been found for CHB Molecular Genetics Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.