

Resource Summary Report

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MGH CCIB DNA Core

RRID:SCR_012281

Type: Tool

Proper Citation

MGH CCIB DNA Core (RRID:SCR_012281)

Resource Information

URL: <http://www.scienceexchange.com/facilities/ccib-dna-core-mgh-harvard>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on January 2025. Welcome to the CCIB DNA Core at Massachusetts General Hospital! The mission of the DNA Core is to accelerate fundamental scientific discoveries that will improve human health. Our professional team is committed to help investigators solve highly diverse biological and biomedical research questions by providing a portfolio of state-of-the-art molecular biology services, specialized expertise, detailed advice and support. We are constantly striving to advance research productivity by reliably generating the highest quality data with rapid turn-around time and competitive pricing, and by working with our clients on an individual basis to address and satisfy their specific research needs. Realizing the constant changes of our customers' demands, we make every effort to continuously improve our services and to offer new and innovative solutions. The DNA Core, founded in 1996, is a non-profit research core laboratory within the Center for Computational and Integrative Biology of Massachusetts General Hospital Boston providing high-quality genomics technology services and expertise for academic research institutions and for business (for-profit) organizations. The majority of the core's clients are investigators from Massachusetts General Hospital and the greater Partners research community. The core also serves researchers from external academic institutions and biotech companies in Massachusetts as well as other states in the United States. Our facility provides high-quality molecular biology services in three major areas: Our DNA Sequencing group functions both as a small-scale sequencing facility and a center for large-scale sequencing projects. It is offering various genomics technologies, including ABI Sanger DNA sequencing, Microsatellite analysis, plasmid validation and primer walking. Currently, we are exploring new opportunities and are planning to expand our service portfolio soon. Our DNA Synthesis lab serves the research community with custom oligonucleotides (standard, degenerate, and modified). To diversify our current service options, we are in the process of exploring potential partnerships with third party vendors. Our Research Laboratory Automation group has been designed as a flexible entity within the DNA Core to extend the benefits of laboratory automation to a diverse

user group and to assist in the execution of a variety of molecular biology projects that require large-scale robotics support. The group offers standard and custom high-throughput sample processing services, including protocol development, for various molecular biology and genomics applications. Current services include Mouse genotyping, cDNA and siRNA library screening, bacterial colony picking, library replication and archiving, 96-well plasmid DNA purification, large-scale PCR purification, and custom qPCR assays. In addition to providing the currently existing services for the research community, all three groups of the DNA Core are continuously engaged in the evaluation and/or development of new service options and in the optimization of current and new technologies and services.

Abbreviations: MGH DNA Core,

Synonyms: , CCIB DNA Core (MGH), Massachusetts General Hospital CCIB DNA Core

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

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: MGH CCIB DNA Core

Resource ID: SCR_012281

Alternate IDs: SciEx_11324

Record Creation Time: 20220129T080309+0000

Record Last Update: 20260821T193940+0000

Ratings and Alerts

No rating or validation information has been found for MGH CCIB DNA Core.

No alerts have been found for MGH CCIB DNA Core.

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](#) .

Klemm N, et al. (2025) The Prolonged Half-Life of the p53 Missense Variant R248Q Promotes Accumulation and Heterotetramer Formation with Wild-Type p53 to Exert the Dominant-Negative Effect. Cancer research, 85(11), 1978.