

Resource Summary Report

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MGH NextGen Sequencing Core

RRID:SCR_012294

Type: Tool

Proper Citation

MGH NextGen Sequencing Core (RRID:SCR_012294)

Resource Information

URL: <http://nextgen.mgh.harvard.edu>

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Description: Core facility that provides the following services: NextGen sequencing, Data Analysis. The NextGen Core is a collaboration between the Department of Molecular Biology, the Center for Human Genetics Research, the Center for Computational Biology, and the Executive Committee on Research (ECOR). Currently, the Core operates using a single Illumina HiSeq instrument, accompanied by Illumina's cBot for cluster generation. This upgrade from our Genome Analyzer II doubled our capacity and greatly increased the data amount, quality, and stability over extra-long reads. The Core is located in the state-of-the-art Richard Simches Research Center on Cambridge St. as part of the MGH main campus in Boston. The many multi-investigator groups in the building - including those that study human genetics, stem cells, genomics, and more - make it the perfect location for the Core to service the researchers in those groups. The majority of customers come from MGH, but they also service customers at other academic medical centers and industry.

Abbreviations: MGH NextGen Core

Synonyms: Massachusetts General Hospital NextGen Sequencing Core, NextGen Sequencing Core (MGH)

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

Keywords: next generation sequencing, data analysis

Resource Name: MGH NextGen Sequencing Core

Resource ID: SCR_012294

Alternate IDs: SciEx_11594

Alternate URLs: <http://harvard.eagle-i.net/i/00000135-343e-53d1-0fb7-ab1580000000>,
<http://www.scienceexchange.com/facilities/nextgen-sequencing-core-mgh-harvard>

Record Creation Time: 20220129T080309+0000

Record Last Update: 20260821T193925+0000

Ratings and Alerts

No rating or validation information has been found for MGH NextGen Sequencing Core.

No alerts have been found for MGH NextGen Sequencing Core.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Hernandez M, et al. (2015) The transcriptome of a complete episode of acute otitis media. BMC genomics, 16(1), 259.

Kalb R, et al. (2014) BRCA1 is a histone-H2A-specific ubiquitin ligase. Cell reports, 8(4), 999.

Moldovan L, et al. (2014) Methodological challenges in utilizing miRNAs as circulating biomarkers. Journal of cellular and molecular medicine, 18(3), 371.

Xia J, et al. (2014) Endogenous small-noncoding RNAs and their roles in chilling response and stress acclimation in Cassava. BMC genomics, 15(1), 634.

Heider AR, et al. (2014) Developing a communitywide electronic health record disease registry in primary care practices: lessons learned from the Western new york beacon community. EGEMS (Washington, DC), 2(3), 1089.