

Resource Summary Report

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Harvard Medical School Biopolymers Core Facility

RRID:SCR_007175

Type: Tool

Proper Citation

Harvard Medical School Biopolymers Core Facility (RRID:SCR_007175)

Resource Information

URL: <https://genome.med.harvard.edu/>

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Description: Provided core services include Sanger DNA Sequencing, Next Generation DNA Sequencing (Four Illumina MiSeqs, four Illumina NextSeq 500s and one Illumina NovaSeq 6000), Next Generation Automated Library Sample Prep (Perkin Elmer Sciclone Genomic, ChIP, RNAseq and other methods), Single Cell DNA and RNA-Seq (10X Genomics Chromium), Bioanalyzer Analysis DNA and RNA (Two Agilent 2100 BioAnalyzers and two Agilent 2200 TapeStations), Qiagen Qiacube Automated DNA / RNA Prep (single to multiple samples), Oligonucleotide Ordering (IDT Portal), Reagents and Supplies Ordering (multiple vendors / products). Facility web based Laboratory Information Management System provides users with access to order services and supplies as well as retrieve data and review and pay invoices all online.

Abbreviations: BPF

Synonyms: HMS Biopolymers Facility, Harvard Medical School Biopolymers Facility, HMS Biopolymers Core Facility, Biopolymers Facility, HMS Core Facility

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

Keywords: USEdit, DNA sequencing, library preparation, RNA analysis, DNA analysis, nucleic acid extraction, genotyping, oligonucleotide synthesis, RT PCR, multiplex bead assay, reagent preparation, reagent ordering, ABRF

Availability: Restricted

Resource Name: Harvard Medical School Biopolymers Core Facility

Resource ID: SCR_007175

Alternate IDs: ABRF_89, nif-0000-30201

Alternate URLs: <https://coremarketplace.org/?FacilityID=89>

Old URLs: <http://harvard.eagle-i.net/i/0000012b-00c6-1013-db6e-7a3f80000000>

Record Creation Time: 20220129T080240+0000

Record Last Update: 20260821T193811+0000

Ratings and Alerts

No rating or validation information has been found for Harvard Medical School Biopolymers Core Facility.

No alerts have been found for Harvard Medical School Biopolymers Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#).

Aney KJ, et al. (2026) Novel Acinar Metaplastic States Uncovered in Exocrine Pancreas Disease. Cellular and molecular gastroenterology and hepatology, 20(5), 101717.

Butnaru M, et al. (2026) Genome-wide CRISPR knockout cell screening platform for the disease vector tick species Ixodes scapularis. bioRxiv : the preprint server for biology.

Marconcini M, et al. (2026) Intersecting experimental evolution and CRISPR screens to identify novel toxin resistance loci. bioRxiv : the preprint server for biology.

Iuchi S, et al. (2025) The role of MKI67 in the regulation of 60S pre-ribosome nucleolar export, transcripts, energy supply, and apoptosis. bioRxiv : the preprint server for biology.

Raj S, et al. (2025) The roles of TGF-?, Wnt, and MAPK signaling pathways in joint lineage specification in vitro and ex vivo. Stem cell reports, 20(11), 102685.

Mameli E, et al. (2025) A genome-wide CRISPR screen in Anopheles mosquito cells identifies fitness and immune cell function-related genes. Nature communications, 16(1), 10323.

Haviland I, et al. (2024) Deletions in the CDKL5 5' untranslated region lead to CDKL5 deficiency disorder. American journal of medical genetics. Part A, e63843.

Lin B, et al. (2024) Airway hillocks are injury-resistant reservoirs of unique plastic stem cells. Nature, 629(8013), 869.

Rodríguez A, et al. (2022) TGF β pathway is required for viable gestation of Fanconi anemia embryos. *PLoS genetics*, 18(11), e1010459.

Naffar-Abu Amara S, et al. (2020) Transient commensal clonal interactions can drive tumor metastasis. *Nature communications*, 11(1), 5799.

Ho DM, et al. (2015) The Notch-mediated hyperplasia circuitry in *Drosophila* reveals a Src-JNK signaling axis. *eLife*, 4, e05996.

Hess J, et al. (2014) Transposable element dynamics among asymbiotic and ectomycorrhizal *Amanita* fungi. *Genome biology and evolution*, 6(7), 1564.

Duan Z, et al. (2009) ZNF93 increases resistance to ET-743 (Trabectedin; Yondelis) and PM00104 (Zalypsis) in human cancer cell lines. *PloS one*, 4(9), e6967.