

Resource Summary Report

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New York University School of Medicine Langone Health Genome Technology Center Core Facility

RRID:SCR_012514

Type: Tool

Proper Citation

New York University School of Medicine Langone Health Genome Technology Center Core Facility (RRID:SCR_012514)

Resource Information

URL: <https://med.nyu.edu/research/scientific-cores-shared-resources/genome-technology-center>

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Description: Core provides range of services related to genome, epigenome, and transcriptome analysis. Offers technologies including Illumina deep sequencing and sample preparation for variety of applications, including DNA and RNA sequencing (DNA- and RNA-seq), exome sequencing, targeted capture, chromatin immunoprecipitation sequencing (ChIP-seq), methylation sequencing (Methyl-seq), metagenomics, and many others;Automation of Illumina library and targeted capture preps, including 16S ribosomal RNA (rRNA) sequencing;Oxford Nanopore sequencing (long reads);Bio-Rad Droplet Digital polymerase chain reaction (PCR);Nanostring nCounter;Single-cell RNA- and DNA-seq using the C1 Auto Prep System from Fluidigm, and 10x Genomics Chromium System.Provides expertise on strategies to achieve research goals in any field related to genomics, and can tailor bioinformatics analysis to individual project. If you supply us with nucleic acids, we can perform every step required to help you achieve your desired results.

Abbreviations: NYU GTC, GTC

Synonyms: NYU Langone's Genome Technology Center, New York University School of Medicine Langone Health Genome Technology Center

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

Keywords: Genome, epigenome, transcriptome, analysis, deep, sequencing, sample, preparation, DNA, RNA, exome, rRNA, genomics, analysis, service, core, ABRF, USEDit

Availability: Open

Resource Name: New York University School of Medicine Langone Health Genome Technology Center Core Facility

Resource ID: SCR_012514

Alternate IDs: SciEx_41, ABRF_824, SCR_017929

Alternate URLs: <https://coremarketplace.org/?FacilityID=824&citation=1>

Old URLs: <http://www.scienceexchange.com/facilities/genome-technology-center-nyu>

Record Creation Time: 20220129T080310+0000

Record Last Update: 20260903T235147+0000

Ratings and Alerts

No rating or validation information has been found for New York University School of Medicine Langone Health Genome Technology Center Core Facility.

No alerts have been found for New York University School of Medicine Langone Health Genome Technology Center Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Gershowitz E, et al. (2026) Transcriptional profiling of extraocular motor neurons reveals sim1a as a candidate strabismus-related gene. bioRxiv : the preprint server for biology.

Fathi F, et al. (2025) Donor-reactive T cells and innate immune cells promote pig-to-human decedent xenograft rejection. Research square.

Fu L, et al. (2025) PRDM16-dependent antigen-presenting cells induce tolerance to gut antigens. Nature, 642(8068), 756.

Dannebaum R, et al. (2025) Digital PCR Assay Utilizing In-Droplet Methylation-Sensitive Digestion for Estimation of Fetal cfDNA From Plasma. Prenatal diagnosis, 45(4), 500.

Son GY, et al. (2025) Loss of STIM1 and STIM2 in Salivary Glands Disrupts ANO1 Function but Does Not Induce Sjogren's Disease. Function (Oxford, England), 6(1).

Ibrahim M, et al. (2025) NF1 Loss Promotes EGFR Activation and Confers Sensitivity to EGFR Inhibition in NF1-Mutant Melanoma. *Cancer research*, 85(17), 3348.

Gökbuğut D, et al. (2025) KMT2C/KMT2D-dependent H3K4me1 mediates changes in DNA replication timing and origin activity during a cell fate transition. *Cell reports*, 44(2), 115272.

Beitzen-Heineke A, et al. (2025) A platelet transcriptomic signature of thromboinflammation predicts cardiovascular risk. *JCI insight*, 10(24).

Assis BA, et al. (2025) Genomic signatures of adaptation in native lizards exposed to human-introduced fire ants. *Nature communications*, 16(1), 89.

Tran PM, et al. (2025) Cell envelope maintenance by PhoP is essential for *Mycobacterium tuberculosis* methylglyoxal resistance. *Proceedings of the National Academy of Sciences of the United States of America*, 122(49), e2523024122.

Gong Z, et al. (2025) Schwann cell Lrp1 deletion drives trigeminal neuron sensitization and orofacial pain by modulating mitochondrial function and TRPV1/TRPA1 activity. *The journal of headache and pain*, 26(1), 290.

Calderon A, et al. (2024) Chromatin accessibility and cell cycle progression are controlled by the HDAC-associated Sin3B protein in murine hematopoietic stem cells. *Epigenetics & chromatin*, 17(1), 2.

Samper N, et al. (2024) Kir6.1, a component of an ATP-sensitive potassium channel, regulates natural killer cell development. *Frontiers in immunology*, 15, 1490250.

Martin MF, et al. (2024) Distinct chikungunya virus polymerase palm subdomains contribute to virus replication and virion assembly. *bioRxiv : the preprint server for biology*.

Ulrich RJ, et al. (2024) Prophage-encoded methyltransferase drives adaptation of community-acquired methicillin-resistant *Staphylococcus aureus*. *bioRxiv : the preprint server for biology*.

Wang H, et al. (2024) Synergistic activation by Glass and Pointed promotes neuronal identity in the *Drosophila* eye disc. *Nature communications*, 15(1), 7091.

Fu L, et al. (2024) ROR γ t-dependent antigen-presenting cells direct regulatory T cell-mediated tolerance to food antigen. *bioRxiv : the preprint server for biology*.

Wilson ML, et al. (2024) Rbpms2 promotes female fate upstream of the nutrient sensing Gator2 complex component Mios. *Nature communications*, 15(1), 5248.

Blum JE, et al. (2024) Discovery and characterization of dietary antigens in oral tolerance. *bioRxiv : the preprint server for biology*.

Mankiewicz Ledins P, et al. (2024) A deployable film method to enable replicable sampling of low-abundance environmental microbiomes. *Scientific reports*, 14(1), 23857.