

Resource Summary Report

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University of Chicago Functional Genomics Core Facility

RRID:SCR_019196

Type: Tool

Proper Citation

University of Chicago Functional Genomics Core Facility (RRID:SCR_019196)

Resource Information

URL: <https://fgf.uchicago.edu/>

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Description: Facility offers Next-Gen Illumina and Pacific Biosciences Sequencing and Library prep services, Micro-array Illumina genotyping and EPIC arrays services, Sanger DNA Sequencing, and Bioanalyzer/Fragment analyzer sample QC services. For Single Cell sequencing project Facility operates DROP-SEQ and 10X Genomics instrument., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Synonyms: Functional Genomics

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

Keywords: USEDit, genomics, sequencing, genotyping, sample QC service, ABRF, ABRF

Funding: NCI P30 CA014599

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: University of Chicago Functional Genomics Core Facility

Resource ID: SCR_019196

Alternate IDs: ABRF_1082

Alternate URLs: <https://coremarketplace.org/?FacilityID=1082>

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260731T043033+0000

Ratings and Alerts

No rating or validation information has been found for University of Chicago Functional Genomics Core Facility.

No alerts have been found for University of Chicago Functional Genomics Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 76 mentions in open access literature.

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

Gray OA, et al. (2025) Comparative transcriptomics of iPSC-derived cardiomyocytes in a high and a low altitude population. *bioRxiv : the preprint server for biology*.

Umans BD, et al. (2025) Oxygen-induced stress reveals context-specific gene regulatory effects in human brain organoids. *Genome research*, 35(8), 1689.

Richards CS, et al. (2025) Spatially Varying Selection Amplifies Intrapopulation Differentiation Among Phenotypic Traits in the Rocky-Shore Mussel, *Mytilus californianus*. *Ecology and evolution*, 15(7), e71641.

Zemmel ZM, et al. (2025) Early-life gut microbiome maturity regulates blood-brain barrier and cognitive development. *Gut microbes*, 17(1), 2551879.

Senagolage MD, et al. (2025) NAMPT haploinsufficiency is a collateral lethal therapeutic vulnerability in high-risk myeloid malignancies with TP53 inactivation. *Blood neoplasia*, 2(3), 100119.

Arina A, et al. (2025) A universal chimeric antigen receptor (CAR)-fragment antibody binder (FAB) split system for cancer immunotherapy. *Science advances*, 11(27), eadv4937.

Changrob S, et al. (2025) Common cold embecovirus imprinting primes broadly neutralizing antibody responses to SARS-CoV-2 S2. *The Journal of experimental medicine*, 222(12).

Zicarelli A, et al. (2025) PARP-1 as a novel target in endocrine-resistant breast cancer. *Journal of experimental & clinical cancer research : CR*, 44(1), 175.

Memi?o?lu G, et al. (2025) The Mediator Kinase Module regulates cell cycle re-entry and transcriptional responses following DNA damage. *bioRxiv : the preprint server for biology*.

Peng YJ, et al. (2025) Activation of the Carotid Body by Kappa Opioid Receptors Mitigates Fentanyl-Induced Respiratory Depression. *Function (Oxford, England)*, 6(3).

Wilkinson E, et al. (2025) Arsenic regulates ALKBH1 abundance and substrate specificity to promote translation and tumorigenicity. *Cell reports*, 44(10), 116311.

Gamble N, et al. (2025) Thymic epithelial cells amplify epigenetic noise to promote immune tolerance. *Nature*.

Sheehan C, et al. (2025) Tumor nutrient stress gives rise to a drug tolerant cell state in pancreatic cancer. *bioRxiv* : the preprint server for biology.

Sheikh SI, et al. (2025) A shared gene but distinct dynamics regulate mimicry polymorphisms in closely related species. *bioRxiv* : the preprint server for biology.

Chowdhary S, et al. (2025) Emergent 3D genome reorganization from the stepwise assembly of transcriptional condensates. *bioRxiv* : the preprint server for biology.

Jonker PB, et al. (2025) Microenvironmental arginine restriction sensitizes pancreatic cancers to polyunsaturated fatty acids by suppression of lipid synthesis. *bioRxiv* : the preprint server for biology.

Jotte MRM, et al. (2025) Multiplex gene editing models of del(7q) reveal combined CUX1 and EZH2 loss drives clonal expansion and drug resistance. *Blood neoplasia*, 2(2), 100083.

VanKuren NW, et al. (2025) Genetic, developmental, and neural changes underlying the evolution of butterfly mate preference. *PLoS biology*, 23(3), e3002989.

Qiao Z, et al. (2025) Direct inhibition of tumor hypoxia response with synthetic transcriptional repressors. *Nature chemical biology*, 21(2), 247.

Brown GE, et al. (2025) Liver portal fibroblasts induce the functions of primary human hepatocytes in vitro. *Communications biology*, 8(1), 721.