

Resource Summary Report

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Cornell University BRC Genomics Core Facility

RRID:SCR_021727

Type: Tool

Proper Citation

Cornell University BRC Genomics Core Facility (RRID:SCR_021727)

Resource Information

URL: <https://www.biotech.cornell.edu/core-facilities-brc/facilities/genomics-facility>

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Description: Full Service DNA Sequencing and Genotyping facility. Offers Sanger, Fragment Analysis, Illumina, RT and Digital PCR, Single Cell, large projects, sample/library prep and QC. Houses state of the art instruments for all your sequencing needs including, capillary DNA analysis, single cell applications, long read capabilities. We also provide many instruments that can be operated by you for sample preparation and quality control of all sample types.

Synonyms: Cornell University BRC Genomics Facility, BRC Genomics Facility

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

Keywords: USEDit, ABRF, DNA Sequencing, Genotyping, capillary DNA analysis, single cell applications, long read capabilities

Funding:

Availability: open

Resource Name: Cornell University BRC Genomics Core Facility

Resource ID: SCR_021727

Alternate IDs: ABRF_74

Alternate URLs: <https://coremarketplace.org/?FacilityID=74>, <http://www.biotech.cornell.edu>

Record Creation Time: 20220129T080357+0000

Record Last Update: 20250425T060427+0000

Ratings and Alerts

No rating or validation information has been found for Cornell University BRC Genomics Core Facility.

No alerts have been found for Cornell University BRC Genomics Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Sprockett DD, et al. (2024) Recent genetic drift in the co-diversified gut bacterial symbionts of laboratory mice. *bioRxiv : the preprint server for biology*.

Odell J, et al. (2024) Heterologous expression of *Dictyostelium discoideum* NE81 in mouse embryo fibroblasts reveals conserved mechanoprotective roles of lamins. *Molecular biology of the cell*, 35(1), ar7.

Lee GY, et al. (2024) Single missense mutations in *Vi* capsule synthesis genes confer hypervirulence to *Salmonella Typhi*. *Nature communications*, 15(1), 5258.

Merkuri F, et al. (2024) Histone lactylation couples cellular metabolism with developmental gene regulatory networks. *Nature communications*, 15(1), 90.

Kelley LH, et al. (2024) Poly(U) polymerase activity in *Caenorhabditis elegans* regulates abundance and tailing of sRNA and mRNA. *Genetics*, 228(2).

Whitman MA, et al. (2024) Bone mineral density affects tumor growth by shaping microenvironmental heterogeneity. *bioRxiv : the preprint server for biology*.

Ascensão C, et al. (2024) A TOPBP1 allele causing male infertility uncouples XY silencing dynamics from sex body formation. *eLife*, 12.

Walter LD, et al. (2024) Transcriptomic analysis of skeletal muscle regeneration across mouse lifespan identifies altered stem cell states. *Nature aging*, 4(12), 1862.

Gage JL, et al. (2024) Maize inbreds show allelic variation for diel transcription patterns. *bioRxiv : the preprint server for biology*.

An L, et al. (2024) Sexual dimorphism in melanocyte stem cell behavior reveals combinational therapeutic strategies for cutaneous repigmentation. *Nature communications*, 15(1), 796.

Danev N, et al. (2024) Comparative transcriptomic analysis of bovine mesenchymal stromal cells reveals tissue-source and species-specific differences. *iScience*, 27(2), 108886.

Specht DA, et al. (2024) Efficient natural plasmid transformation of *Vibrio natriegens* enables zero-capital molecular biology. *PNAS nexus*, 3(2), pgad444.

Vu LT, et al. (2024) Single-cell transcriptomics of the immune system in ME/CFS at baseline and following symptom provocation. *Cell reports. Medicine*, 5(1), 101373.

Barkley RJR, et al. (2024) Fluorescent protein tags affect the condensation properties of a phase-separating viral protein. *Molecular biology of the cell*, 35(7), ar100.

Fang L, et al. (2024) Passivating the Background of Living Microbes with a Zwitterionic Peptide for Therapies. *Bioconjugate chemistry*, 35(5), 575.

Gu W, et al. (2024) Extracellular vesicles incorporating retrovirus-like capsids for the enhanced packaging and systemic delivery of mRNA into neurons. *Nature biomedical engineering*.

Garcia-Bonilla L, et al. (2024) Analysis of brain and blood single-cell transcriptomics in acute and subacute phases after experimental stroke. *Nature immunology*, 25(2), 357.

Lee GY, et al. (2024) Single missense mutations in Vi capsule synthesis genes confer hypervirulence to *Salmonella Typhi*. *bioRxiv : the preprint server for biology*.

Kong S, et al. (2024) DRM1 promotes robust morphogenesis in *Arabidopsis* by sustaining the translation of cytokinin-signaling inhibitor proteins. *Developmental cell*.

Watson NB, et al. (2024) The gene regulatory basis of bystander activation in CD8+ T cells. *Science immunology*, 9(92), eadf8776.