

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: core facility, service resource, access service resource

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

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: 20260731T043106+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 81 mentions in open access literature.

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

Ranjan A, et al. (2025) Histone acetylation readers Bdf1 and Yaf9 direct SWR1 remodeler to +1 nucleosome. Science advances, 11(32), eadt2002.

Wang KT, et al. (2025) Pluripotent Stem Cell Plasticity is Sculpted by a Slit-Independent Robo Pathway in a Regenerative Animal. bioRxiv : the preprint server for biology.

Zhu H, et al. (2025) An efficient framework to decipher microRNA regulatory programs applied to T cells. Genes and immunity.

Rusnak B, et al. (2025) Brassinosteroids mediate proper coordination of sepal elongation. bioRxiv : the preprint server for biology.

El Kamali L, et al. (2025) Comprehensive investigation of SARS-CoV-2 intestinal pathogenesis in Drosophila. bioRxiv : the preprint server for biology.

Oren E, et al. (2025) Grass Rhizome Proteomics Reveals Convergent Freezing-Tolerance Strategies. bioRxiv : the preprint server for biology.

Chandler TL, et al. (2025) Mechanisms of maternal antibody interference with rotavirus vaccination. The EMBO journal, 44(22), 6343.

Sprockett DD, et al. (2025) Recent genetic drift in the co-diversified gut bacterial symbionts of laboratory mice. Nature communications, 16(1), 2218.

Beeghly GF, et al. (2025) Large adipocytes alter mode of lipid release and promote breast cancer malignancy. bioRxiv : the preprint server for biology.

James RC, et al. (2025) Embryonic Stem Cell-Specific Responses to DNA Replication Stress. bioRxiv : the preprint server for biology.

Dunn LEM, et al. (2025) ATRX Promotes Transcription Initiation of HSV-1 Immediate Early Genes During Early Lytic Infection. Viruses, 17(9).

Hsu CH, et al. (2025) Therapy-Induced ECM Remodeling Creates a Transient Immune Barrier in Residual Melanoma. Advanced science (Weinheim, Baden-Wurttemberg,

Germany), e08451.

Chaturbedi A, et al. (2025) Different gametogenesis states uniquely impact longevity in *Caenorhabditis elegans*. *Nature communications*, 16(1), 9300.

Odell J, et al. (2025) The Deformability of the Mammalian Cell Nucleus is Determined by the Identity of the Lamin Rod Domain. *bioRxiv : the preprint server for biology*.

Superdock DK, et al. (2025) The Impact of Human Salivary Amylase Gene Copy Number and Starch on Oral Biofilms. *Microorganisms*, 13(2).

West JD, et al. (2025) The quantitative impact of 3'UTRs on gene expression. *Nucleic acids research*, 53(12).

Odell J, et al. (2025) A-type lamins anchor emerin at the inner nuclear membrane via two independent binding sites. *bioRxiv : the preprint server for biology*.

Pal C, et al. (2025) Amide Internucleoside Linkages Suppress the MicroRNA-like Off-Target Activity of Short Interfering RNA. *ACS chemical biology*, 20(2), 522.

Anderson RK, et al. (2025) Genetic engineering of bacteriophage S16 for *Salmonella* separation, concentration, and detection. *Analytical and bioanalytical chemistry*, 417(18), 4069.

Lee GY, et al. (2025) Rifampin mediated decapsulation and enhanced bacterial clearance: a new mechanism of rifamycins. *EBioMedicine*, 117, 105787.