Resource Summary Report

Generated by NIF on May 13, 2025

Cincinnati Children's Hospital DNA Sequencing and Genotyping Core Facility

RRID:SCR_022630
Type: Tool

Proper Citation

Cincinnati Children's Hospital DNA Sequencing and Genotyping Core Facility (RRID:SCR_022630)

Resource Information

URL: https://www.cincinnatichildrens.org/research/cores/dna-sequencing-genotyping

Proper Citation: Cincinnati Children's Hospital DNA Sequencing and Genotyping Core Facility (RRID:SCR_022630)

Description: Supports production and analysis of DNA and RNA related data. Provides DNA and RNA sequencing, Next Generation sequencing, DNA extraction and high and low throughput SNP genotyping.

Synonyms: DNA Sequencing and Genotyping, Cincinnati Children's Hospital DNA Sequencing and Genotyping

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

Keywords: USEDit, ABRF, DNA and RNA related data, data analysis, DNA and RNA sequencing, Next Generation sequencing, DNA extraction, SNP genotyping

Funding:

Resource Name: Cincinnati Children's Hospital DNA Sequencing and Genotyping Core Facility

Resource ID: SCR_022630

Alternate IDs: ABRF_1482

Alternate URLs: https://coremarketplace.org/?FacilityID=1482&citation=1

Record Creation Time: 20220803T050137+0000

Record Last Update: 20250513T062302+0000

Ratings and Alerts

No rating or validation information has been found for Cincinnati Children's Hospital DNA Sequencing and Genotyping Core Facility.

No alerts have been found for Cincinnati Children's Hospital DNA Sequencing and Genotyping Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Halurkar MS, et al. (2025) The widely used Ucp1-Cre transgene elicits complex developmental and metabolic phenotypes. Nature communications, 16(1), 770.

Virolainen SJ, et al. (2024) Filaggrin loss-of-function variants are associated with atopic dermatitis phenotypes in a diverse, early-life prospective cohort. JCI insight, 9(9).

Prabakaran AD, et al. (2024) Intermittent glucocorticoid treatment improves muscle metabolism via the PGC1?/Lipin1 axis in an aging-related sarcopenia model. The Journal of clinical investigation, 134(11).

Durumutla HB, et al. (2024) Glucocorticoid chronopharmacology promotes glucose metabolism in heart through a cardiomyocyte-autonomous transactivation program. JCI insight, 9(22).

Viel KCMF, et al. (2024) Shared and distinct interactions of type 1 and type 2 Epstein-Barr Nuclear Antigen 2 with the human genome. BMC genomics, 25(1), 273.

Durumutla HB, et al. (2024) The human glucocorticoid receptor variant rs6190 promotes blood cholesterol and atherosclerosis. bioRxiv : the preprint server for biology.

Drucker M, et al. (2024) Genotype-immunophenotype relationships in NPM1-mutant AML clonal evolution uncovered by single cell multiomic analysis. bioRxiv : the preprint server for

biology.

DeVore SB, et al. (2024) Regulation of MYC by CARD14 in human epithelium is a determinant of epidermal homeostasis and disease. Cell reports, 43(8), 114589.

Sayeed K, et al. (2024) Human cytomegalovirus infection coopts chromatin organization to diminish TEAD1 transcription factor activity. bioRxiv : the preprint server for biology.

Stepanchick E, et al. (2024) DDX41 haploinsufficiency causes inefficient hematopoiesis under stress and cooperates with p53 mutations to cause hematologic malignancy. Leukemia, 38(8), 1787.

He H, et al. (2024) PRDM3/16 regulate chromatin accessibility required for NKX2-1 mediated alveolar epithelial differentiation and function. Nature communications, 15(1), 8112.

Marsili L, et al. (2024) Studying Rare Movement Disorders: From Whole-Exome Sequencing to New Diagnostic and Therapeutic Approaches in a Modern Genetic Clinic. Biomedicines, 12(12).

Sunusi U, et al. (2024) Pathophysiology of hypereosinophilia-associated heart disease. bioRxiv : the preprint server for biology.

Khorki ME, et al. (2023) Prior viral infection primes cross-reactive CD8+ T cells that respond to mouse heart allografts. Frontiers in immunology, 14, 1287546.

El Abdellaoui Soussi F, et al. (2023) Light-phase prednisone promotes glucose oxidation in heart through novel transactivation targets of cardiomyocyte-specific GR and KLF15. bioRxiv : the preprint server for biology.

Shi T, et al. (2023) Single-cell transcriptomic analysis of renal allograft rejection reveals insights into intragraft TCR clonality. The Journal of clinical investigation, 133(14).

Prabakaran AD, et al. (2023) Glucocorticoid intermittence coordinates rescue of energy and mass in aging-related sarcopenia through the myocyte-autonomous PGC1alpha-Lipin1 transactivation. bioRxiv : the preprint server for biology.

Pode-Shakked N, et al. (2023) RAAS-deficient organoids indicate delayed angiogenesis as a possible cause for autosomal recessive renal tubular dysgenesis. Nature communications, 14(1), 8159.

Shi T, et al. (2023) Single cell transcriptomic analysis of renal allograft rejection reveals novel insights into intragraft TCR clonality. bioRxiv : the preprint server for biology.

Shanmuganad S, et al. (2023) Subset-specific and temporal control of effector and memory CD4+ T cell survival. bioRxiv : the preprint server for biology.