Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 10, 2025

Fred Hutchinson Cancer Center Genomics and Bioinformatics Core Facility

RRID:SCR_022606
Type: Tool

Proper Citation

Fred Hutchinson Cancer Center Genomics and Bioinformatics Core Facility (RRID:SCR_022606)

Resource Information

URL: https://www.fredhutch.org/en/research/shared-resources/core-facilities/genomics-bioinformatics.html

Proper Citation: Fred Hutchinson Cancer Center Genomics and Bioinformatics Core Facility (RRID:SCR_022606)

Description: Provides set of services that encompass experimental design, data generation and data interpretation. Expert genomics and bioinformatics teams are available to consult and collaborate at every step of process and work closely together to develop optimized experimental strategies to ensure that appropriate technology and data analysis tools are used to address each unique scientific question.

Synonyms: Fred Hutchinson Cancer Center Genomics and Bioinformatics Shared Resource Core

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

Keywords: experimental design, data generation and data interpretation, genomics and bioinformatics, ABRF, USEDit

Funding:

Availability: Open

Resource Name: Fred Hutchinson Cancer Center Genomics and Bioinformatics Core Facility

Resource ID: SCR_022606

Record Creation Time: 20220802T050144+0000

Record Last Update: 20250508T070034+0000

Ratings and Alerts

No rating or validation information has been found for Fred Hutchinson Cancer Center Genomics and Bioinformatics Core Facility.

No alerts have been found for Fred Hutchinson Cancer Center Genomics and Bioinformatics Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 45 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Carr CR, et al. (2024) Deep mutational scanning reveals functional constraints and antigenic variability of Lassa virus glycoprotein complex. bioRxiv : the preprint server for biology.

Hickson SE, et al. (2024) RNA structures within Venezuelan equine encephalitis virus E1 alter macrophage replication fitness and contribute to viral emergence. bioRxiv : the preprint server for biology.

Aditham AK, et al. (2024) Deep mutational scanning of rabies glycoprotein defines mutational constraint and antibody-escape mutations. bioRxiv : the preprint server for biology.

Moorthi S, et al. (2024) The genomic landscape of lung cancer in never-smokers from the Women's Health Initiative. JCI insight, 9(17).

Thirimanne HN, et al. (2024) Meningioma transcriptomic landscape demonstrates novel subtypes with regional associated biology and patient outcome. Cell genomics, 4(6), 100566.

Loes AN, et al. (2024) High-throughput sequencing-based neutralization assay reveals how repeated vaccinations impact titers to recent human H1N1 influenza strains. bioRxiv : the preprint server for biology.

Scharffenberger SC, et al. (2024) Targeting RSV-neutralizing B cell receptors with anti-

idiotypic antibodies. Cell reports, 43(10), 114811.

Loes AN, et al. (2024) High-throughput sequencing-based neutralization assay reveals how repeated vaccinations impact titers to recent human H1N1 influenza strains. Journal of virology, 98(10), e0068924.

Li D, et al. (2024) Targeted degradation of oncogenic KRASG12V triggers antitumor immunity in lung cancer models. The Journal of clinical investigation, 135(2).

Larsen BB, et al. (2024) Functional and antigenic landscape of the Nipah virus receptor binding protein. bioRxiv : the preprint server for biology.

Salisbury NJH, et al. (2024) Polyomavirus ALTOs, but not MTs, downregulate viral early gene expression by activating the NF-?B pathway. bioRxiv : the preprint server for biology.

Dadonaite B, et al. (2024) Spike deep mutational scanning helps predict success of SARS-CoV-2 clades. Nature, 631(8021), 617.

Belmont L, et al. (2024) Functional genomics screens reveal a role for TBC1D24 and SV2B in antibody-dependent enhancement of dengue virus infection. bioRxiv : the preprint server for biology.

Farrell-Sherman A, et al. (2024) Inflammatory Monocytes Increase Prior to Detectable HIV-1 Rebound Viremia. bioRxiv : the preprint server for biology.

Belmont L, et al. (2024) Functional genomics screens reveal a role for TBC1D24 and SV2B in antibody-dependent enhancement of dengue virus infection. Journal of virology, 98(11), e0158224.

Rashidi A, et al. (2024) Microbiota signature of oral chronic graft-*versus*-host disease 6+ years after transplantation. Haematologica, 109(11), 3800.

Gray CN, et al. (2024) Integrator complex subunit 12 knockout overcomes a transcriptional block to HIV latency reversal. bioRxiv : the preprint server for biology.

Hickson SE, et al. (2024) RNA structures within Venezuelan equine encephalitis virus E1 alter macrophage replication fitness and contribute to viral emergence. PLoS pathogens, 20(9), e1012179.

Cucinotta C, et al. (2024) Sir2 is required for the quiescence-specific condensed three-dimensional chromatin structure of rDNA. bioRxiv : the preprint server for biology.

Paik J, et al. (2024) Weight loss and metabolic effects of an ALDH1A1-specific inhibitor, FSI-TN42, in a diet induced mouse model of obesity. International journal of obesity (2005).