Resource Summary Report

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University of Colorado Anschutz Medical Campus Cancer Center Genomics Shared Resource Core Facility

RRID:SCR_021984
Type: Tool

Proper Citation

University of Colorado Anschutz Medical Campus Cancer Center Genomics Shared Resource Core Facility (RRID:SCR_021984)

Resource Information

URL: https://medschool.cuanschutz.edu/colorado-cancer-center/research/shared-resources/genomics

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Description: GSR provides genome-wide analyses of DNA sequence, transcriptomes, epigenetics and cytogenomics using next generation sequencing (NGS) and gene microarrays; and single cell genomic and transcriptomic analyses including single cell immune profiling and spatial gene expression.

Abbreviations: GSR

Synonyms: Genomics Shared Resource

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

Keywords: ABRF, USEDit, genome analyses of DNA sequence, transcriptomes, epigenetics, cytogenomic, next generation sequencing, gene microarrays

Funding:

Resource Name: University of Colorado Anschutz Medical Campus Cancer Center Genomics Shared Resource Core Facility

Resource ID: SCR_021984

Alternate IDs: ABRF_1310

Alternate URLs: https://coremarketplace.org/?FacilityID=1310

Record Creation Time: 20220421T050138+0000

Record Last Update: 20250517T060455+0000

Ratings and Alerts

No rating or validation information has been found for University of Colorado Anschutz Medical Campus Cancer Center Genomics Shared Resource Core Facility.

No alerts have been found for University of Colorado Anschutz Medical Campus Cancer Center Genomics Shared Resource Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

DeGolier KR, et al. (2025) Antigen experience history directs distinct functional states of CD8+ CAR T cells during the antileukemia response. Nature immunology, 26(1), 68.

Ranard KM, et al. (2025) Creation of a novel zebrafish model with low DHA status to study the role of maternal nutrition during neurodevelopment. Journal of lipid research, 66(1), 100716.

Kuo LW, et al. (2024) Blocking Tryptophan Catabolism Reduces Triple-Negative Breast Cancer Invasive Capacity. Cancer research communications, 4(10), 2699.

Ranard KM, et al. (2024) Creation of a novel zebrafish model with low DHA status to study the role of maternal nutrition during neurodevelopment. bioRxiv : the preprint server for biology.

Wu MH, et al. (2024) Deleting the mitochondrial respiration negative regulator MCJ enhances the efficacy of CD8+ T cell adoptive therapies in pre-clinical studies. Nature communications, 15(1), 4444.

Veo B, et al. (2024) Single-cell multi-omics analysis identifies metabolism-linked epigenetic reprogramming as a driver of therapy-resistant medulloblastoma. Research square.

Mickens KL, et al. (2024) Death and survival of gut CD4 T cells following HIV-1 infection ex vivo. PNAS nexus, 3(11), pgae486.

Stumpf MM, et al. (2024) Deep mutationally scanned (DMS) CHIKV E3/E2 virus library maps viral amino acid preferences and predicts viral escape mutants of neutralizing CHIKV antibodies. bioRxiv : the preprint server for biology.

Hillion S, et al. (2024) Maf expression in B cells restricts reactive plasmablast and germinal center B cell expansion. Nature communications, 15(1), 7982.

Fitzmeyer EA, et al. (2024) A single-cell atlas of the Culex tarsalis midgut during West Nile virus infection. bioRxiv : the preprint server for biology.

Lake JA, et al. (2024) Directing B7-H3 chimeric antigen receptor T cell homing through IL-8 induces potent antitumor activity against pediatric sarcoma. Journal for immunotherapy of cancer, 12(7).

Iwanaga R, et al. (2024) Tumor-Intrinsic Activity of Chromobox 2 Remodels the Tumor Microenvironment in High-grade Serous Carcinoma. Cancer research communications, 4(8), 1919.

Wang M, et al. (2024) Differential Effects of Extracellular Vesicles from Two Different Glioblastomas on Normal Human Brain Cells. Neurology international, 16(6), 1355.

Wang M, et al. (2024) A tale of two tumors: differential, but detrimental, effects of glioblastoma extracellular vesicles (EVs) on normal human brain cells. bioRxiv : the preprint server for biology.

Nguyen KN, et al. (2024) Extracellular Vesicles from a Novel Chordoma Cell Line, ARF-8, Promote Tumorigenic Microenvironmental Changes When Incubated with the Parental Cells and with Human Osteoblasts. International journal of molecular sciences, 25(23).

McFarland C, et al. (2024) Discovery, Expression, and In Silico Safety Evaluation of Honey Truffle Sweetener, a Sweet Protein Derived from Mattirolomyces terfezioides and Produced by Heterologous Expression in Komagataella phaffii. Journal of agricultural and food chemistry, 72(35), 19470.

Hay ZLZ, et al. (2024) Granzyme F: Exhaustion Marker and Modulator of Chimeric Antigen Receptor T Cell-Mediated Cytotoxicity. Journal of immunology (Baltimore, Md. : 1950), 212(8), 1381.

Del Toro K, et al. (2024) Breast pericytes: a newly identified driver of tumor cell proliferation. Frontiers in oncology, 14, 1455484.

Hughes CJ, et al. (2023) SIX1 and EWS/FLI1 co-regulate an anti-metastatic gene network in

Ewing Sarcoma. Nature communications, 14(1), 4357.

Cozzolino K, et al. (2023) Mediator kinase inhibition suppresses hyperactive interferon signaling in Down syndrome. bioRxiv : the preprint server for biology.