Resource Summary Report

Generated by PRECISE-TBI on Aug 4, 2026

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: service resource, access service resource, core facility

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

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: 20260804T043731+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 56 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Ortega R, et al. (2026) PARP1 and PARP2 are dispensable for DNA repair by microhomology-mediated end-joining at double-ended DSBs. Nucleic acids research, 54(1).

Fernandez B, et al. (2025) Single-cell RNA sequencing reveals distinct senotypes and a quiescence-senescence continuum at the transcriptome level following chemotherapy. bioRxiv : the preprint server for biology.

Tran LN, et al. (2025) Epigenetic priming of neural progenitors by Notch enhances Sonic hedgehog signaling and establishes gliogenic competence. bioRxiv : the preprint server for biology.

Pitsch JW, et al. (2025) CREPE (CREate Primers and Evaluate): a computational tool for large-scale primer design and specificity analysis. bioRxiv : the preprint server for biology.

Das S, et al. (2025) Comparative genomic and clinicopathological analysis uncovers contrasting molecular profiles of canine and human thyroid carcinomas. Communications biology, 9(1), 4.

Rosenbaum SR, et al. (2025) EYA3 regulation of NF-?B and CCL2 suppresses cytotoxic NK cells in the premetastatic niche to promote TNBC metastasis. Science advances, 11(19), eadt0504.

Veo B, et al. (2025) Single-cell multi-omics identifies metabolism-linked epigenetic reprogramming as a driver of therapy-resistant medulloblastoma. Nature communications, 16(1), 10470.

Stemm-Wolf AJ, et al. (2025) Big1 is a cell cycle regulator linking cell size to basal body number. bioRxiv : the preprint server for biology.

Lentz RW, et al. (2025) Phase II Clinical Trial and Preclinical Evaluation of a Novel CD47 Blockade Combination in Refractory Microsatellite-Stable Metastatic Colorectal Cancer. Cancer research communications, 5(11), 2039.

Fitzmeyer EA, et al. (2025) A single-cell atlas of the Culex tarsalis midgut during West Nile virus infection. PLoS pathogens, 21(1), e1012855.

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.

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.

Ortega R, et al. (2025) PARP1 and PARP2 are dispensable for DNA repair by microhomology-mediated end-joining during mitosis. bioRxiv : the preprint server for biology.

Ye Q, et al. (2025) Siglec-F Protects Against Elastase-induced Lung Inflammation and Emphysema in Mice. bioRxiv : the preprint server for biology.

Romero JL, et al. (2025) Community and functional stability in a working bioreactor degrading 1,4-dioxane at the Lowry Landfill Superfund Site. Applied and environmental microbiology, 91(10), e0057425.

Brooks EP, et al. (2025) NKX2.2 and KLF4 cooperate to regulate ?-cell identity. Genes & development, 39(3-4), 242.

Cozzolino KA, et al. (2025) Mediator kinase inhibition suppresses hyperactive interferon signaling in Down syndrome. eLife, 13.

Tran LN, et al. (2025) Epigenetic priming of neural progenitors by Notch enhances Sonic hedgehog signaling and establishes gliogenic competence. Genes & development, 39(13-14), 886.

McGuckin MM, et al. (2025) Hypoxic pregnancy promotes fibrosis and increases stress metabolites in the ovine fetal liver. The Journal of physiology, 603(10), 3223.

Stumpf MM, et al. (2025) Deep mutationally scanned CHIKV E3/E2 virus library maps viral amino acid preferences and predicts viral escape mutants of neutralizing CHIKV antibodies. Journal of virology, 99(4), e0008125.