Resource Summary Report

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Salk Institute Razavi Newman Integrative Genomics and Bioinformatics Core Facility (IGC)

RRID:SCR_014842
Type: Tool

Proper Citation

Salk Institute Razavi Newman Integrative Genomics and Bioinformatics Core Facility (IGC) (RRID:SCR_014842)

Resource Information

URL: http://www.salk.edu/science/core-facilities/integrative-genomics-and-bioinformatics-core/

Proper Citation: Salk Institute Razavi Newman Integrative Genomics and Bioinformatics Core Facility (IGC) (RRID:SCR_014842)

Description: Core facility established to assist the Salk community with integrating genomics data into their research. The primary focus of the core is to provide analysis support for next-generation sequencing applications.

Abbreviations: SALK IGC, IGC

Synonyms: , Integrative Genomics, Salk, Core Facility, Institute, Razavi Newman, UCSD, Bioinformatics

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

Keywords: core facility, gene, genomic, genomic data, analysis, consultation, applications

Funding: NCI CA014195;
Helmsley Trust ;
Salk Institute Razavi Newman Integrative Genomics and Bioinformatics Core Facility

Availability: Open

Resource Name: Salk Institute Razavi Newman Integrative Genomics and Bioinformatics Core Facility (IGC)

Resource ID: SCR_014842

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Ratings and Alerts

No rating or validation information has been found for Salk Institute Razavi Newman Integrative Genomics and Bioinformatics Core Facility (IGC).

No alerts have been found for Salk Institute Razavi Newman Integrative Genomics and Bioinformatics Core Facility (IGC).

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 940 mentions in open access literature.

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

Adams P, et al. (2025) Nucleosome stability safeguards cell identity, stress resilience and healthy aging. Research square.

Miller CN, et al. (2025) A single-nuclei transcriptome census of the Arabidopsis maturing root identifies that MYB67 controls phellem cell maturation. Developmental cell, 60(9), 1377.

Dufresne S, et al. (2025) Leveraging autophagy and pyrimidine metabolism to target pancreatic cancer. bioRxiv : the preprint server for biology.

Tanaka H, et al. (2025) Nucleosome stability safeguards cell identity, stress resilience and healthy aging. bioRxiv : the preprint server for biology.

Gallant RM, et al. (2025) Fluoxetine promotes IL-10-dependent metabolic defenses to protect from sepsis-induced lethality. Science advances, 11(7), eadu4034.

Huang P, et al. (2025) Clinical functional proteomics of intercellular signalling in pancreatic cancer. Nature, 637(8046), 726.

Wang HJ, et al. (2025) BCL6 coordinates muscle mass homeostasis with nutritional states. Proceedings of the National Academy of Sciences of the United States of America, 122(4), e2408896122.

Fan W, et al. (2025) Estrogen-related receptors regulate innate and adaptive muscle mitochondrial energetics through cooperative and distinct actions. Proceedings of the National Academy of Sciences of the United States of America, 122(20), e2426179122.

Gatti P, et al. (2025) Mitochondria- and ER-associated actin are required for mitochondrial fusion. Nature communications, 16(1), 451.

Lorenzini MH, et al. (2025) Joint single-cell profiling of Cas9 edits and transcriptomes reveals widespread off-target events and effects on gene expression. bioRxiv : the preprint server for biology.

Agrawal A, et al. (2025) Identification of microproteins with transactivation activity by polyalanine motif selection. RSC chemical biology, 6(5), 800.

Wang X, et al. (2025) PIN1 Prolyl Isomerase Promotes Initiation and Progression of Bladder Cancer through the SREBP2-Mediated Cholesterol Biosynthesis Pathway. Cancer discovery, 15(3), 633.

Xu Z, et al. (2025) Scavenger Receptor CD36 in Tumor-Associated Macrophages Promotes Cancer Progression by Dampening Type-I IFN Signaling. Cancer research, 85(3), 462.

Siguenza N, et al. (2025) Gut Competition Dynamics of Live Bacterial Therapeutics Are Shaped by Microbiome Complexity, Diet, and Therapeutic Transgenes. bioRxiv : the preprint server for biology.

Roos M, et al. (2025) Optimizing mouse metatranscriptome profiling by selective removal of redundant nucleic acid sequences. bioRxiv : the preprint server for biology.

Bosworth AP, et al. (2025) Astrocyte glypican 5 regulates synapse maturation and stabilization. Cell reports, 44(3), 115374.

Lewis BM, et al. (2024) LARP4 is an RNA-binding protein that binds nuclear-encoded mitochondrial mRNAs to promote mitochondrial function. RNA (New York, N.Y.), 30(3), 223.

Zhang J, et al. (2024) Live bacterial therapeutics for detection and treatment of colorectal cancer. Nature reviews. Gastroenterology & hepatology, 21(5), 295.

Mendiratta G, et al. (2024) Cancer research is not correlated with driver gene mutation burdens. Med (New York, N.Y.), 5(7), 832.

Newman LE, et al. (2024) Mitochondrial DNA replication stress triggers a pro-inflammatory endosomal pathway of nucleoid disposal. Nature cell biology, 26(2), 194.