

Resource Summary Report

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University of Pittsburgh Medical Center Children Hospital of Pittsburgh Health Sciences Sequencing Core Facility

RRID:SCR_023116

Type: Tool

Proper Citation

University of Pittsburgh Medical Center Children Hospital of Pittsburgh Health Sciences Sequencing Core Facility (RRID:SCR_023116)

Resource Information

URL: <http://www.nextgen.pitt.edu>

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Description: Sequencing Core offers Illumina next generation sequencing services to University of Pittsburgh research community. Offers expertise in next generation sequencing technologies. Encourages to contact Assistant Director to arrange for consultation. Staff is available to share their experience and expertise to assist with development of projects of all sizes, standard or custom assay design, and other specialized application needs.

Synonyms: Health Sciences Sequencing Core at UPMC Children Hospital of Pittsburgh, University of Pittsburgh Health Sciences Sequencing Core at UPMC Children Hospital of Pittsburgh

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

Keywords: USEdit, ABRF, Illumina next generation sequencing services, next generation sequencing

Availability: Restricted

Resource Name: University of Pittsburgh Medical Center Children Hospital of Pittsburgh Health Sciences Sequencing Core Facility

Resource ID: SCR_023116

Alternate IDs: ABRF_1663

Alternate URLs: <https://coremarketplace.org/?FacilityID=1663&citation=1>

Record Creation Time: 20230116T062750+0000

Record Last Update: 20260905T133432+0000

Ratings and Alerts

No rating or validation information has been found for University of Pittsburgh Medical Center Children Hospital of Pittsburgh Health Sciences Sequencing Core Facility.

No alerts have been found for University of Pittsburgh Medical Center Children Hospital of Pittsburgh Health Sciences Sequencing Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#).

Barko KN, et al. (2026) Impact of sex chromosomes and gonad type in stress susceptibility in corticostriatal brain regions. Proceedings of the National Academy of Sciences of the United States of America, 123(22), e2531920123.

Wang YH, et al. (2026) Experimental evolution in the cystic fibrosis chemical environment reveals early TCA cycle flux as a central regulator of Mycobacterium abscessus biofilm formation. Biofilm, 11, 100343.

Hu J, et al. (2026) Spatial transcriptomic profiling of developing mouse hearts reveals a spatially patterned signaling environment. Communications biology, 9(1).

Wang H, et al. (2025) DGAT: A Dual-Graph Attention Network for Inferring Spatial Protein Landscapes from Transcriptomics. bioRxiv : the preprint server for biology.

Castanha PMS, et al. (2025) Genetic ancestry shapes dengue virus infection in human skin explants. Proceedings of the National Academy of Sciences of the United States of America, 122(28), e2502793122.

Naghshtabrizi N, et al. (2025) Preceding influenza infection impacts neutrophil response to Aspergillus fumigatus and Staphylococcus aureus. ImmunoHorizons, 9(12).

Tung TH, et al. (2025) Fus depleted oligodendrocytes reduce neuronal damage and attenuate AD progression in the AppNL-G-F mouse. bioRxiv : the preprint server for biology.

Nguyen MK, et al. (2025) Clinical and translational study of ivosidenib plus nivolumab in advanced solid tumors harboring IDH1 mutations. *The oncologist*, 30(11).

Prado DS, et al. (2025) STAT3 S727 phosphorylation drives pathogenic Th17 differentiation and neuroinflammation in autoimmune disease. *Journal of neuroinflammation*, 22(1), 246.

Sugitani N, et al. (2025) Nuclear receptor 4A1 is critical for neutrophil-dependent pulmonary immunity to *Klebsiella pneumoniae* infection. *Frontiers in immunology*, 16, 1558252.

Murter BM, et al. (2025) Pik3ip1/TrIP Regulation of PI3K Restricts CD8 T Cell Anti-Tumor Immunity. *bioRxiv* : the preprint server for biology.

Sharma S, et al. (2025) Mechanical cues guide the formation and patterning of 3D spheroids in fibrous environments. *PNAS nexus*, 4(9), pgaf263.

Nguyen MK, et al. (2025) Clinical and translational study of ivosidenib plus nivolumab in advanced solid tumors harboring IDH1 mutations. *medRxiv* : the preprint server for health sciences.