

Resource Summary Report

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University of Iowa Institute of Human Genetics Genomics Division Core Facility

RRID:SCR_023422

Type: Tool

Proper Citation

University of Iowa Institute of Human Genetics Genomics Division Core Facility
(RRID:SCR_023422)

Resource Information

URL: <https://medicine.uiowa.edu/humangenetics/genomics-division>

Proper Citation: University of Iowa Institute of Human Genetics Genomics Division Core Facility (RRID:SCR_023422)

Description: Provides broad spectrum of resources designed to make techniques of genomics, functional genomics, and recombinant DNA technology. Services include Next Generation sequencing, single cell analysis, spatial transcriptomics, Sanger Sequencing, qPCR, digital PCR, Nanostring, and microarray analysis.

Abbreviations: IIHG

Synonyms: IIHG-Genomics Division, Iowa Institute of Human Genetics (IIHG) Genomics Division

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

Keywords: USEDit, ABRF, Iowa Institute of Human Genetics, Next Generation sequencing, single cell analysis, spatial transcriptomics, Sanger Sequencing, qPCR, digital PCR, Nanostring, microarray analysis,

Resource Name: University of Iowa Institute of Human Genetics Genomics Division Core Facility

Resource ID: SCR_023422

Alternate IDs: ABRF_1711

Alternate URLs: <https://coremarketplace.org/?FacilityID=1711&citation=1>

Record Creation Time: 20230330T050214+0000

Ratings and Alerts

No rating or validation information has been found for University of Iowa Institute of Human Genetics Genomics Division Core Facility.

No alerts have been found for University of Iowa Institute of Human Genetics Genomics Division Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Smith MG, et al. (2026) Hypoxic stress granules trigger immunogenic dormancy in lung cancer. bioRxiv : the preprint server for biology.

Li Y, et al. (2026) A spatial and projection-based transcriptomic atlas of paraventricular hypothalamic cell types. Cell reports, 45(2), 116904.

Cheung PH, et al. (2026) SAMHD1 depletion restricts SARS-CoV-2 infection by suppressing HNF1-dependent ACE2 expression in lung epithelial cells. PLoS pathogens, 22(3), e1013659.

Basu B, et al. (2026) Spatial transcriptomic profiling uncovers the molecular effects of the neurotoxicant polychlorinated biphenyls (PCBs) in the brains of adult mice. Molecular psychiatry, 31(6), 3257.

Lozano LP, et al. (2026) Using Patient iPSC-derived Retinal Pigment Epithelial Cells to Evaluate Differential Susceptibility to MEK Inhibitor-Associated Retinopathy. bioRxiv : the preprint server for biology.

Cheung PH, et al. (2025) SAMHD1 promotes SARS-CoV-2 infection by enhancing HNF1-dependent ACE2 expression in lung epithelial cells. bioRxiv : the preprint server for biology.

Llopart A, et al. (2025) A high-resolution crossover landscape in *Drosophila santomea* reveals rapid and concerted evolution of multiple properties of crossing over control. PLoS genetics, 21(10), e1011885.

Gourronc FA, et al. (2025) ACE2-Mediated Infection of Immortalized Human Visceral Adipocytes by SARS-CoV-2. Viruses, 17(10).

Basu B, et al. (2025) Spatial transcriptomic profiling uncovers the molecular effects of the neurotoxicant polychlorinated biphenyls (PCBs) in the brains of adult mice. *bioRxiv : the preprint server for biology*.

Stone NE, et al. (2025) Device-free isolation of photoreceptor cells from patient iPSC-derived retinal organoids. *JCI insight*, 10(14).

Lozano LP, et al. (2025) Genetics and current research models of Mendelian tumor predisposition syndromes with ocular involvement. *Progress in retinal and eye research*, 106, 101359.

Bierstedt KC, et al. (2025) Porcine airway tissue explant culture at a hydrogel-air interface to model submucosal glands in cystic fibrosis progression and therapy. *Science advances*, 11(47), eady4866.

Resch J, et al. (2025) A spatial and projection-based transcriptomic atlas of paraventricular hypothalamic cell types. *Research square*.

Mukherjee U, et al. (2025) Histone Lysine Crotonylation Regulates Long-Term Memory Storage. *bioRxiv : the preprint server for biology*.

Hudachek CL, et al. (2025) Human macrophages release exosomes containing anti-inflammatory microRNAs after phagocytosis of *Leishmania infantum*. *Frontiers in immunology*, 16, 1593829.

Shin MR, et al. (2025) Adaptive Suppression of MAPT Transcription Maintains Tau Proteostasis in Developing Human Neurons. *Research square*.

Scalora N, et al. (2025) EHE cell cultures are a platform for mechanistic and therapeutic investigation. *Scientific reports*, 15(1), 35516.

Xiang J, et al. (2025) Characterization of serotype-specific Dengue virus T cell inhibition. *The Journal of infectious diseases*.

Scalora N, et al. (2025) EHE cell cultures: a platform for mechanistic and therapeutic investigation. *bioRxiv : the preprint server for biology*.

Guo DF, et al. (2025) SerpinA3N in leptin-sensitive neurons is required for energy and glucose homeostasis and autonomic regulation. *Metabolism: clinical and experimental*, 173, 156387.