

Resource Summary Report

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University of Pennsylvania Perelman School of Medicine Penn Genomic Analysis DNA Sequencing Core Facility

RRID:SCR_022383

Type: Tool

Proper Citation

University of Pennsylvania Perelman School of Medicine Penn Genomic Analysis DNA Sequencing Core Facility (RRID:SCR_022383)

Resource Information

URL: <https://genetics.med.upenn.edu/cores/genomic-analysis-core/>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on February 8th, 2024. Facility offers sequencing services on three platforms, gold standard Sanger sequencing on ABI capillary sequencers, next generation sequencing (NGS) on Ion Torrent PGM and S5 and, Illumina MiSeq along with experimental design and data analysis. NGS service includes library preparation for multiple applications including targeted sequencing, RNA-Seq and Exome-Seq. Capillary sequencers also enable microsatellite genotyping and fragment analysis for VNTR, SNaPshot and Human Cell Line Authentication. Molecular biological services include PCR, cloning, subcloning, mutagenesis, construct preparation and, plasmid DNA preps at different scales.

Synonyms: University of Pennsylvania Perelman School of Medicine Penn Genomic Analysis Core: DNA Sequencing Facility, Penn Genomic Analysis Core: DNA Sequencing Facility

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

Keywords: USEDit, ABRF

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: University of Pennsylvania Perelman School of Medicine Penn Genomic Analysis DNA Sequencing Core Facility

Resource ID: SCR_022383

Alternate IDs: ARBF_1457

Alternate URLs: <https://coremarketplace.org?citation=1&FacilityID=1457>

Record Creation Time: 20220602T050140+0000

Record Last Update: 20260729T044531+0000

Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Penn Genomic Analysis DNA Sequencing Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine Penn Genomic Analysis DNA Sequencing Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Murthy A, et al. (2025) REGULATORY T CELLS PROTECT AGAINST ABERRANT REMODELING IN A MOUSE MODEL OF PULMONARY FIBROSIS. bioRxiv : the preprint server for biology.

Rodr  guez LR, et al. (2025) Impaired AMPK control of alveolar epithelial cell metabolism promotes pulmonary fibrosis. JCI insight, 10(15).

Xue L, et al. (2024) High-throughput barcoding of nanoparticles identifies cationic, degradable lipid-like materials for mRNA delivery to the lungs in female preclinical models. Nature communications, 15(1), 1884.

Stone RA, et al. (2024) Diurnal retinal and choroidal gene expression patterns support a role for circadian biology in myopia pathogenesis. Scientific reports, 14(1), 533.

Stone RA, et al. (2024) Diurnal gene expression patterns in retina and choroid distinguish myopia progression from myopia onset. PloS one, 19(7), e0307091.