

Resource Summary Report

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University of Pennsylvania Perelman School of Medicine Penn Genomic Analysis Molecular Profiling Core Facility

RRID:SCR_022389

Type: Tool

Proper Citation

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Resource Information

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

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Description: Facility provides full service whole genome and targeted molecular profiling of DNA and RNA on multiple platforms. Core supports quantitative RNA profiling (gene expression) on Affymetrix GeneChips and high-throughput Gene Titan instruments, Fluidigm BioMark HD and, ABI QS 12K real-time PCR machine. DNA profiling (genotyping) is offered on Affymetrix SNP GeneChip and high-throughput Gene Titan instruments, Fluidigm BioMark HD and, ABI QS 12K. Agilent aCGH platform provides genome-wide chromosomal analysis. Users benefit from consultation and training available throughout their projects, including during experimental design and budget development, sample accrual, data management and analyses and, manuscript preparation.

Synonyms: Penn Genomic Analysis Core: Molecular Profiling Facility, University of Pennsylvania Perelman School of Medicine Penn Genomic Analysis Core: Molecular Profiling Core

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

Keywords: USEDit, ABRF, whole genome and targeted molecular profiling of DNA and RNA

Funding:

Resource Name: University of Pennsylvania Perelman School of Medicine Penn Genomic Analysis Molecular Profiling Core Facility

Resource ID: SCR_022389

Alternate IDs: ARBF_1458

Alternate URLs: <https://coremarketplace.org?citation=1&FacilityID=1458>

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Record Last Update: 20250411T060234+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Awad S, et al. (2024) The YBX3 RNA-binding protein posttranscriptionally controls SLC1A5 mRNA in proliferating and differentiating skeletal muscle cells. The Journal of biological chemistry, 300(2), 105602.