

DHM | RI Genomics Services Guide

DHMRI delivers high-quality genomics and bioinformatics services for a wide range of applications, including:

Genomics

- Whole Genome Re-Sequencing
- *De novo* Sequencing
- Low-pass Whole Genome Sequencing
- Target Region Sequencing
- Exome Sequencing
- Genetic Analysis

Transcriptomics

- RNA-sequencing
- 3' RNA-sequencing
- Full-length mRNA sequencing (Iso-Seq)
- Small RNA sequencing
- Target RNA profiling
- Single cell RNA-Sequencing

Epigenetics

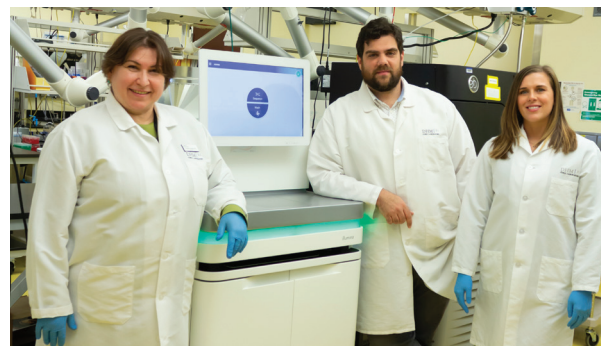
- Whole-genome bisulfite sequencing
- Target Region bisulfite sequencing (Capture Methyl-seq)
- Infinium Methylation Epic Arrays
- miRNA profiling
- Single cell chromatin profiling (ATAC-seq)

Microbiome

- 16S/ITS profiling
- Metagenomics sequencing

Bioinformatics

- Genome assembly and annotation
- Expression profiling and differential expression analysis
- Genome regulatory landscape profiling
- Non-coding RNAs analysis
- Pathway and gene ontology characterization and association analysis
- Methylation analysis
- Microbiome analysis
- SNP, SNV and SV calling and analysis



DHMRI provides rapid, cost-effective service solutions for all your genomics needs at competitive prices. Our unmatched facility is staffed by a highly experienced team of genomics scientists with broad expertise across multiple areas, who can provide support in study design, data analysis and interpretation.

Our experience covers a wide variety of applications in sectors including:

PHARMA

BIOTECH

ACADEMIA

FOOD

NUTRITION

AGBIO



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DHMRI's genomics lab is equipped with multiple platforms that enable different project sizes and applications to be run quickly and efficiently. In addition, DHMRI has the capability for sample generation either through cell culture or our vivarium; with full extraction capability for multiple sample types.

Illumina



NovaSeq6000



iSeq



iScan

Pacific Biosciences



Sequel IIe

10x Genomics



NanoString

