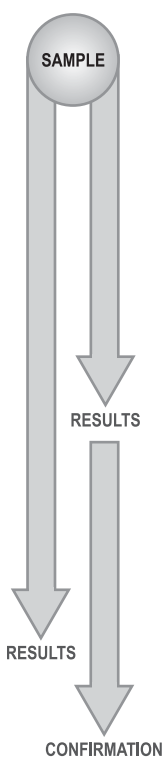


# Service Core for Gene Expression and Gene Analysis



SABiosciences provides genomic and expression analysis services that deliver robust and reproducible results. The Service Core accepts and processes a variety of biological samples and then leverages cutting-edge tools for either pathway-focused or genome-wide analysis yielding superior results for scientists in academic, government and industrial settings.

	DNA Service	RNA Service	
<b>Whole Genome</b>	Illumina Genotyping Methylation	Illumina Expression Profiling Illumina DASL (Fixed Samples)	
<b>Pathway-focused</b>	Methylation	PCR Array miRNA PCR Array	
<b>Individual Gene / Locus</b>	Methylation	qPCR - SYBR® Green	
<b>Sample Preparation</b>	Cells	Cells	
	Tissue or Blood	Tissue or Blood	
	Fixed Tissue	Fixed Tissue	
	Small Sample	Small Sample	



## Nucleic Acid Isolation

Sample isolation and integrity are fundamental to the success of any biological analysis. The Service Core provides qualified expertise in RNA and DNA isolation from a variety of biological samples. Each sample is evaluated for concentration and degradation to ensure successful future analysis. Isolation services are only available for customers in the USA.

- RNA or DNA Isolation from Cells, Tissue or Biofluids
- Integrity/Degradation Checked for Every Sample
- Bisulfite Conversion for WG DNA Methylation Analysis

## Whole Genome Analysis

The Service Core uses the Illumina Platform to provide whole genome expression profiling, cytogenetic analysis, methylation and single nucleotide polymorphism (SNP) genotyping. As an Illumina CSPro (certified service provider), scientists are receiving results from a trained and tested scientific staff.

- Expression Profiling (Human, Mouse or Rat)
- SNP Genotyping and Copy Number Variation Analysis
- Whole Genome Methylation Analysis (Human)

## Pathway-focused Analysis

Real-time PCR is a powerful tool for validating results from whole genome expression profiling, methylation or pathway analysis. An experienced leader in providing qPCR services, the Service Core delivers rapid and reproducible results.

- Custom PCR Array Analysis
- Pathway-focused PCR Array
- Methyl-Profiler PCR Array

**SABiosciences™**  
A QIAGEN Company