

# Services at the USC Norris Molecular Genomics Core

*Please contact [Coregenomics@med.usc.edu](mailto:Coregenomics@med.usc.edu) for pricing and consultation*

## INSTRUMENTATION

Illumina Nextseq2000

Illumina Miseq

Illumina Infinium Beadlab

10x Genomics Chromium X

10x Genomics CytAssist

Nanostring GeoMx

ThermoFisher QuantStudio 7

## SINGLE CELL

10x Genomics scRNAseq 3'

10x Genomics scRNAseq 5'

10x Genomics scRNAseq 5' BCR/TCR

10x Genomics Multiome

10x Genomics scATACseq

## SPATIAL

10x Visium Spatial v2 CytAssist FFPE

10x Visium Spatial v2 CytAssist FF

Nanostring GeoMx RNA

Nanostring GeoMx Protein

## BULK NGS

DNA Sequencing

RNA sequencing

Whole Exome Sequencing

Amplicon Sequencing

Metagenomics Sequencing

## **MICROARRAY**

### **Methylation Arrays-Including:**

Mouse Methylation

Epic V2 Human

### **Illumina Microarray Genotyping- Including:**

Oncoarray

MEGA Array

Global Diversity (GDA)

Global Screening (GSA)

## **NUCLEIC ACID EXTRACTION**

RNA Extraction (fresh-frozen, FFPE, cfDNA or microbiome)

DNA Extraction (fresh-frozen, FFPE, cfDNA or microbiome)

Protein Extraction

Blood/Saliva DNA Extraction

## **QUALITY/QUANTITY CONTROL**

Sample Plating/Normalization

DNA BioA

RNA BioA

DNA Tapestation

RNA Tapestation

gDNA Tapestation

Qubit

Nanodrop

PicoGreen