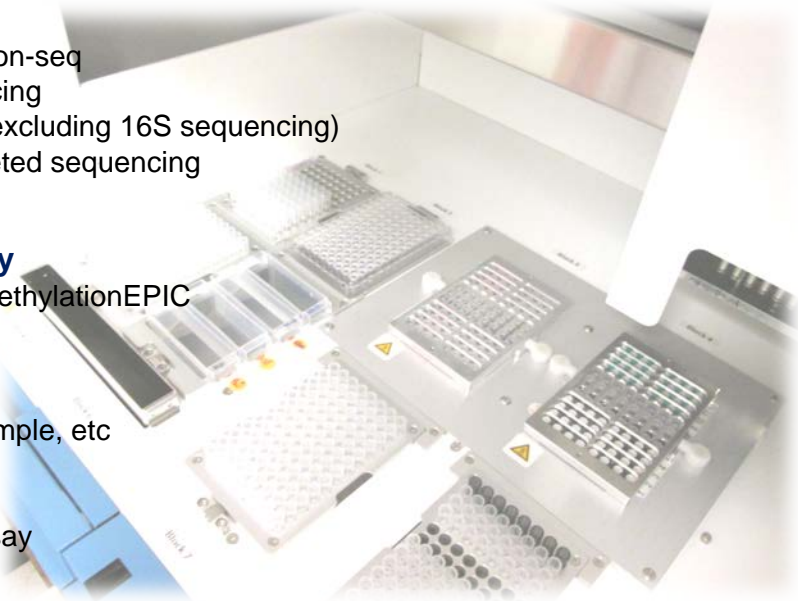


GES Core service and collaboration

- **Illumina next generation sequencing**
 - 10x Genomics single cell sequencing (**new**)
 - Single cell sequencing (manual)
 - RNA-seq; miRNA-seq/small RNA-seq
 - DNA-seq; ChIP-seq/Cut&Run; Amplicon-seq
 - Whole mitochondrial genome sequencing
 - Shotgun metagenomics sequencing (excluding 16S sequencing)
 - Methyl-seq; Exome-seq; RRBS; Targeted sequencing
 - WGS; WGBS
- **Illumina Infinium HD beadchip assay**
 - DNA methylation association study: MethylationEPIC
 - Beadchip-based 5-hmC assay (**new**)
- **DNA/RNA extraction**
 - Cell; Tissue; Blood; Biofluid; FFPE sample, etc
 - DNA/RNA QC
 - Agilent Bioanalyzer assay
 - DNA quantification by Qubit assay
 - Agarose gel electrophoresis
- **NGS-based bisulfite PCR sequencing (**new**)**
 - Multiplexed (multiple target regions)
 - Singleplexed
- **Bisulfite PCR sequencing (consultation)**
 - Promoter CpG island analysis and primer design for bisulfite PCR
 - Cloning, Sanger sequencing
 - Data analysis
- **TaqMan-based Real-time qPCR and data analysis**
 - RT-qPCR for gene expression and RNA-seq data validation (**new**)
 - SNP/genotyping
 - CNV assay
- **Other service/research: please inquire**
- **Proposal and manuscript preparation**
 - Collaboration
 - Consultation
 - Materials and Methods
 - Supporting letter



Contact

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