Delivering internationally competitive genomic services of the highest quality

The Ramaciotti Centre provides a comprehensive range of services for the analysis of the genome. Whether you are interested in a small targeted region of the genome, whole genome analysis or genome assembly our experienced team will help design your project and deliver high quality data.

Whole Genome Sequencing

Our technology portfolio encompasses short read, linked read and long read technology platforms with scalable output. This allows us to provide you with a customised solution for your genome sequencing project.

Exome & Targeted Sequencing

Targeted sequencing of protein-coding regions or selected regions of the genome allows cost effective screening of populations or large scale validation studies. We use products from a range of vendors to provide a design that is tailored to your project.

Epigenome Sequencing

Our services include:
- ChIP-Seq
- Methyl-Seq (whole genome & targeted)
- Long read Methyl-Seq (prokaryote only)
- Reduced representation bisulphite sequencing (RRBS)

Genotyping

We provide genotyping services on the:
- Axiom genotyping arrays e.g. UK Biobank, PMDA for GWAS
- Fluidigm BioMark HD (24, 48, 96 SNVs per sample)

Technology

The Centre provides genomic services utilising:
- Illumina NovaSeq, NextSeq, MiSeq, iSeq
- PacBio Sequel
- Oxford Nanopore
- 10X Genomics Chromium system
- Axiom genotyping
- Capillary/Sanger sequencers

Committed to Quality

- All genomic analyses are carried out in our ISO/IEC 17025 accredited laboratories
- Initial quality check of your samples including a detailed QC report
- Quality control of final data to ensure that it meets or exceeds manufacturers specifications

Why Use Ramaciotti?

- Access to expertise in experimental design
- Extensive experience in sample processing
- Guaranteed high quality data
- Cost competitive
- Bioinformatics support available

Contact Us

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Ramaciotti Centre for Genomics

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