

At a glance

# Ramaciotti Centre for Genomics

## Delivering internationally competitive genomic services of the highest quality.

### About

The Ramaciotti Centre for Genomics is a national infrastructure facility and a focus for the development and application of genomics in Australia.

Our purpose is to deliver internationally competitive genomic services by providing our clients with access to enabling technology and services of the highest quality.

### Research supported

Biomedical, environmental, conservation, food and agriculture, biotech and bioengineering.

### Investigators served

500 research groups in 2021 and growing.

### Samples analysed

Approximately 80,000 genomic analyses completed annually.

### Quality

Our ongoing commitment to quality is demonstrated by our ISO/IEC 17025 accreditation.

### Contact Us

Email: [ramaciotti@unsw.edu.au](mailto:ramaciotti@unsw.edu.au)

Phone: (02) 9385 1241

Web: [ramaciotti.unsw.edu.au](http://ramaciotti.unsw.edu.au)

### Genome Services

- Short and long read sequencing
- Whole genome sequencing
- Exome sequencing
- Targeted/panel sequencing
- Microbial/amplicon sequencing
- Epigenome sequencing
- Genotyping
- Sanger sequencing

### Transcriptome Services

- RNA sequencing (short and long read)
- Small RNA sequencing
- Isoform sequencing
- Targeted gene expression analysis

### Technology

- Illumina: NovaSeq, NextSeq, MiSeq and iSeq
- Oxford Nanopore
- NanoString
- Axiom & Infinium genotyping

### Bioinformatics

Alliance with NCRIS-funded Systems Biology Initiative, for provision of collaborative data analysis in genomics, transcriptomics and integrative analyses.



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