

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

550 research groups in 2018/2019 and growing.

Samples analysed

In 2018 68,151 genomic analyses completed including 28,330 by next-generation sequencing.

Quality

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

Contact Us

Email: ramaciotti@unsw.edu.au

Phone: (02) 9385 1241

Web: ramaciotti.unsw.edu.au

Genome Services

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

Transcriptome Services

- RNA sequencing
- Small RNA sequencing
- Isoform sequencing
- Single cell mRNA sequencing
- Targeted gene expression analysis

Technology

- Illumina: NovaSeq, NextSeq, MiSeq and iSeq
- PacBio Sequel
- Oxford Nanopore
- 10X Genomics: Chromium
- Affymetrix, Fluidigm & NanoString

Bioinformatics

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



**Ramaciotti Centre
for Genomics**



**WORLD RECOGNISED
ACCREDITATION**

ramaciotti.unsw.edu.au