



UNSW
SYDNEY



Ramaciotti Centre for Genomics

The Ramaciotti Centre for Genomics is the largest genomics facility at any Australian University. It is comprehensively equipped with the latest generation of next-generation sequencing technology, with single-cell genomics platforms and with high throughput microarray systems. It is funded by the Australian Government as infrastructure of national significance.

Competitive advantage

- High throughput genomics facility with 20 years' operational experience in virtually all areas of genomics
- Twenty full-time technical staff that annually processes more than 35,000 samples by next-generation sequencing and more than 45,000 samples with other technologies

Impact

- The production of high-quality genomic data for projects of national significance
- Supporting researchers in industry, public-funded research agencies, medical research institutes and universities - more than 1,100 projects per annum completed for more than 550 users

Successful outcomes

- Human genome sequencing, exome sequencing and genotyping
- Analysis of gene expression and the transcriptome
- Microbiome analysis of human samples

Capabilities and facilities

- Leading-edge genomic technologies
- Capacity for end to end projects, including bioinformatics
- Advanced quality systems, accredited to ISO/IEC 17025
- Custom-built labs in a new \$180M biosciences building

Our partners

- Supported by National Collaborative Research Infrastructure Strategy (NCRIS) and the NSW State Government

More Information

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