



Australia's
Global
University

GENOMIC SERVICES

Transcriptome & Gene Expression

Delivering internationally competitive genomic services of the highest quality

RNA Sequencing Services

RNA sequencing provides information on coding and non-coding RNAs, novel transcripts, differentially spliced transcripts, gene fusions and RNA isoforms. Low input options are available for some services.

mRNA Seq	Detects gene expression changes in coding genes.
RNA Seq	Detects changes in the expression of both coding and non-coding RNA.
RNA capture	Targeted RNA enrichment enabling sequencing of regions of interest.
scRNA seq	Single cell RNA sequencing.
Small RNA Seq	Analysis of small RNAs up to 36 nucleotides.
Iso-Seq	De novo isoform analysis by long read sequencing.

Microarray Services

Microarrays are available for coding, non-coding RNA, alternative splicing and miRNA analysis. Low input options are available for Clariom S & D arrays.

Clariom S	Gene level view of the transcriptome. Human, mouse & rat.
Clariom D	Deep transcriptome-level profiling. Human, mouse & rat.
miRNA	Analysis of small RNAs. Human, mouse, rat & other.

NanoString Service

Choose from a broad portfolio of customisable gene expression panels containing up to 770 genes. The simple workflow is optimised for robust performance on challenging samples such as single cell and FFPE. NanoString is ideal for biomarker screening studies.

qPCR Service

If you want to focus your studies on a smaller number of genes, we provide a fast highly cost effective service on the Fluidigm BioMark. The capacity of this system allows the inclusion of numerous samples, biological replicates and controls in a single run.

Committed to Quality

- All genomic analyses are carried out in our ISO/IEC 17025 accredited laboratories
- Initial quality control 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

