Genomics Research Centre Service Pricing:

For enquiries contact: Dr Larisa Haupt (larisa.haupt@qut.edu.au) or visit our website: www.genomicsresearchcentre.org

1. Extractions – DNA, RNA, miRNA

DNA	- from blood, $18 per sample
	- from saliva (oragene), $15 per sample
	- from cells/tissues, $15 per sample
RNA	- from blood PAXgene (4 ml), $25 per sample
	- from cells/tissue, $15 per sample
miRNA	- from blood PAXgene (4 ml), $25 per sample
	- from cells/tissue, $15 per sample

- Plus Service Fee of $100 for each batch of samples

2. Genotyping – MassARRY, HRM, RFLP, pyrosequencing, gene expression

MassARRAY SNP genotyping	- $10.50 per sample
HRM Genotyping	- $9.50 per sample
RFLP Genotyping	- $7.50 per sample
Pyrosequencing SNP assay	- $15.00 per sample
Pyrosequencing CpG assay	- $15 per sample
SyBr Q-PCR	- $8.50 per sample

- Plus Service Fee of $100 for each batch of samples
- MassARRAY panels available, please enquire
- Analysis, to be discussed, dependent on sample/study size
- The GRC can also perform gene specific Taqman/labelled Q-PCR assays. These will be priced on an individual basis. Please enquire.

3. Sequencing – Sanger Sequencing, NGS, WES, Transcriptome, RNASeq

Sanger Sequencing:

SS single (F or R)	- $5.00 per sample
SS, PCR cleanup and BDT single (F or R)	- $10.50 per sample
SS, PCR cleanup and BDT Dual (F and R)	- $17.00 per sample

- Plus Service Fee of $100 for each batch of samples

- Analysis, to be discussed, dependent on sample/study size

Ion Torrent NGS:

Library preparation	- $180 per sample
NGS 314 chip (200 and 400bp; 2-10 samples)	- $550 per sample
NGS 316 chip (200 and 400bp; 8-15 samples)	- $850 per sample
NGS 318 chip (200 and 400bp; 15-25 samples)	- $1150 per sample

- Plus Service Fee of $100 for each batch of samples
- Analysis, to be discussed, dependent on sample/study size

Whole exome sequencing:

Whole exome sequencing - $1850 per sample (including GST)
Other disorders

- Plus Service Fee of $100 for each batch of samples
- Analysis, to be discussed, dependent on sample/study size

Note:
Service includes extraction of DNA (following receipt of samples, at least 1ug per sample required), Qubit quantitation, library preparation and QC (Qubit, Bioanalyser), next generation sequencing (Ion Proton, 10-20 million reads per sample), data collection, alignment, report generation. Data sent as BAM and BAI files.

Whole Transcriptome: Ion Proton

Ampliseq Whole Transcriptome - $320 per sample

- Plus Service Fee of $100 for each batch of samples
- Analysis, to be discussed, dependent on sample/study size

Note:
Includes sample preparation, library preparation, template and sequencing quantitation, next generation sequencing (Ion Proton, 10-20 million reads per sample), alignment and Quality control. Data sent as BAM and BAI files.

RNASeq, small RNASeq: Ion Proton

RNASeq or smallRNASeq - $820 per sample
Human, mouse, rat samples

- Plus Service Fee of $100 for each batch of samples
- Analysis, to be discussed, dependent on sample/study size

Service includes extraction of RNA (following receipt of samples, at least 1ug per sample required), Qubit quantitation, rRNA depletion (Robominus kit, ERCC spike in control), RNA quantitation and integrity (Agilent Pico chips), library preparation and QC (Qubit, Bioanalyser), sequencing (Life Technologies Ion Total RNASeq Kit, Ion PI Hi-Q Chef Kit, Ion Proton, 4 samples per PI chip (50 or 100bp reads, 10-20 million reads per sample), data collection, alignment, report generation. Data sent as BAM and BAI files.

4. Bioinformatic pipelines and data analysis

Basic alignment and generation of BAM and BAI files - $300

- Plus Service Fee of $100 for each batch of samples
- Further analysis can be discussed, please enquire

5. Additional pricing and discounted pricing options

Additional costs will include:

- costs for sample collection – you to provide/arrange
- any associated costs for delivery of samples to/from us will be provided by you
- presentation of results and expected timing of delivery of results to be discussed

Please enquire about potential discounts for your study depending on sample size:

- If > 20 samples, there will be a 5% discount on the above pricing (50% on acceptance of quote and 50% on receipt of data)
- If >50 samples, there will be a 10% discount on the above pricing (50% on acceptance of quote and 50% on receipt of data)

6. Sending samples to the GRC from outside Australia

Australia's **DAFF** (**Department of Agriculture, Fisheries and Forestry**) has very strict guidelines regarding the importation of biological goods. If you intend sending us samples and **wish to avoid unnecessary delays,** then please read the following:

We have import permits for genetic material - extracted DNA from non-virulent micro-organisms; sera blood or tissue samples from most animal species. As sending biological samples can be difficult, we recommend if at all possible to send extracted and dried down gDNA and can provide details on how to

prepare these samples. If your samples fall into any of the above classifications, please follow the below steps, otherwise contact our office for acceptance with regard to sending other material.

Your shipment must be accompanied by a signed and dated declaration letter on business letterhead stating what goods are enclosed including a samples list and a copy of our DAFF Biosecurity import permit(s). Please contact us for a copy. The declaration letter should also state:

- what animal/soil/plant and what part of the animal/plant/soil is enclosed;
- the country of origin / where it was sourced;
- how the goods were packed, eg. in 20mls or 20gms for each individual sample. Ideally they should be packed in clean new packaging such as falcon tubes or zip lock bags and must be free of contamination. **Please note:** DAFF may apply stringent sterilisation processes on samples if they discover samples are not packed accordingly;
- what DAFF permit number(s) the samples are being imported with; and
- declare that the goods are non-hazardous (if that is the case), have no commercial value (NCV), and are for *in vitro* use only at the ACAD laboratory.

Place the declaration letter and AQIS permit in an envelope and affix **to the outside** of the parcel (this means outside the mail bag if one is used). Mark the envelope 'ATTENTION AUSTRALIAN QUARANTINE'. If posting via a courier **DO NOT** place the documents inside the address pouch as this has caused issues in previous occasions, like paperwork falling out of the pouch. It is also advisable to write the import permit number directly on the outside of the package/declaration envelope.

Mark the parcel if it is to be refrigerated upon arrival, eg MUST BE REFRIGERATED UPON DELIVERY.