

## Allan Wilson Centre Genome Service

The Allan Wilson Centre Genome Service (AWCGS) is based within the Allan Wilson Centre of Research Excellence at Massey University. Originally set up to support research within the centre we now offer our services to customers both within New Zealand and internationally.

AWCGS provides long read-length sequencing of plasmids, clones, cosmids, BAC DNA, Lamda clones and bacterial genomic DNA, as well as rapid throughput sequencing of short PCR products. The genotyping service also provides analysis of microsatellites and AFLPS.

All analysis are carried out using the new ABI 3730 DNA analyser, allowing faster turn around time and lower costs to the customer. For standard sequencing we use the BigDye Terminator v3.1 chemistry. Other chemistries such as v1.1 are available if required. These can be purchased from Applied Biosystems if the customer chooses to carry out their own sequencing reactions.

### Sending Samples

Customers wishing to submit samples for sequencing must first register on our web site (<http://awcmee.massey.ac.nz>) and fill in the electronic form. A hard copy of this form **must** accompany the samples. Samples can then be sent by our **overnight** courier service. The courier service is free and is offered to all customers. Please contact us if you need any help with this process.

### Receiving Results

AWCGS operates on a turnaround time of 48 hrs (two working days) for a Full sequencing service and 24hrs (1 working day) for the capillary separation only service. Results are delivered electronically, either via our web-based download system or via email. Hard copies of the electropherograms can be mailed to the customer on request.

### Sequencing Prices

For members of the CGR the internal rates will apply when samples are sent to the Albany campus.

#### Sequencing Service

##### Full Sequencing Service:

Internal Customers: \$10.00 per sequence  
External Customers: \$18.00 per sequence

##### Capillary Separation Only Service:

Internal Customers: \$7.50 per sequence  
External Customers: \$10.00 per sequence

##### Plate Service:

Internal Customers: \$475.00 per plate  
External Customers: \$600.00 per plate

#### Genotyping Service

##### Capillary Separation Only Service

Internal Customers: \$9.25 per well  
External Customers: \$9.75 per well

##### Plate Service

Internal Customers: \$850 per plate  
External Customers: \$900 per plate

**Electropherogram printouts will be provided to customers at an extra cost of \$1.00 per sequence.**

Contact us:

AWCGS, Building 11, Massey University Oteha Rohe Campus, Gate 4, Albany Highway, Albany, Auckland.

Phone: 09 414 0800 ext 41117.

Email: [J.M.Anderson@massey.ac.nz](mailto:J.M.Anderson@massey.ac.nz)