

Bioinformatics Services at AgResearch NZ

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The Bioinformatics group at AgResearch was established with the aim of providing core Bioinformatics support and consultancy to various Science projects in-house. Over the years the group and its associated high performance computing resource has established itself as one of the front runners in New Zealand Bioinformatics arena. The group has been involved in collaboration with both National and International groups e.g. International Sheep Genomics Consortium (ISGC), SheepGenomics, Bovine Genome Sequencing Consortium, Nutrigenomics New Zealand, *Epichloë festucae* Genome Consortium and is a partner in New Zealand Genomics Ltd (NZGL), set up with a NZ\$40 million grant to establish Next-Gen genomics research in New Zealand. With seven Bioinformatics consultants and 4 dedicated IT staff, and a significant blade based high performance computing infrastructure, the group is involved in providing Bioinformatics consultancy, in a wide range of areas e.g.: microarray data management and analysis, Next-Gen sequence analysis, genome annotation/visualisation, database development along with data hosting, high performance computing and Bioinformatics pipeline design and implementation amongst a variety of other services.