

Indicative Costings for Genomic Analysis

General Service	Price range (NZ\$)	Comments
Extractions of Nucleic acids	\$25-\$80 per sample	
MassArray Service (price includes reagents cost)		
Genotyping	\$10-\$100 per reaction	A reaction indicates one primer pool
Bisulphite conversion for Methylation study	\$20-\$60 per sample	
Machine use only	\$155 per chip	Allows the analysis of up to 384 reactions
Ion Torrent sequencing service (price includes reagents cost)		
AmpliSeq Whole Exome Library preparation and Sequencing	\$750 per sample	Output data type: BAM, VCF
RNASeq	\$550-\$720 per sample	Output data type: BAM, VCF
Machine use (Ion Chef and PGM or Proton)	\$165-\$200 per run	1-2 P1 chips per run
Nanostring service (price does not include reagents cost)		
Off the shelf gene expression panel and GX custom codeset assay	\$725-\$1000 per run	Up to 12 samples per run
PlexSet Titration assay	\$1120-\$1430 per PlexSet	For up to 96 genes
PlexSet run	\$1250-1560 per run	Analysis of up to 96 genes in up to 96 samples
Illumina Sequencing service (price includes reagents)		
Sequencing (150bp paired end, ~10 million reads, ~3Gbp)	\$215-\$425	Output data: fastq
Sequencing (75bp paired end, ~ 10 million reads, ~1.5Gbp)	\$145-\$350	Output data: fastq
Sequencing (75bp single end, ~ 10 million reads, ~0.75Gbp)	\$90-\$140	Output data: fastq
Whole exome Library prep and sequencing (SureSelect, Agilent); 150bp paired end, ~40 million reads, ~12Gbp	\$1350-\$1500	Output data: fastq, BAM, VCF
RNASeq Library preparation and sequencing (75bp single end, ~ 10 million reads, ~0.75Gbp) using NEXTflex™ Rapid Directional qRNA-Seq™ reagents	\$330-380	Output data: fastq