

FASTERIS

Next-Generation ultra-deep sequencing Genomic Shotgun

> Yield

Currently up to 40 Gb per channel 2x100bp

> Long experience

Hundreds of samples processed

> Personalized projects

Partnership to find the best way to extract the relevant genomic information from your samples

Options: paired-ends, long inserts (mate-pairs)

> Fasteris-developed protocols

We will adapt or create protocols

> Bar-coding

Lower costs by multiplexing up to 96 libraries in a single channel

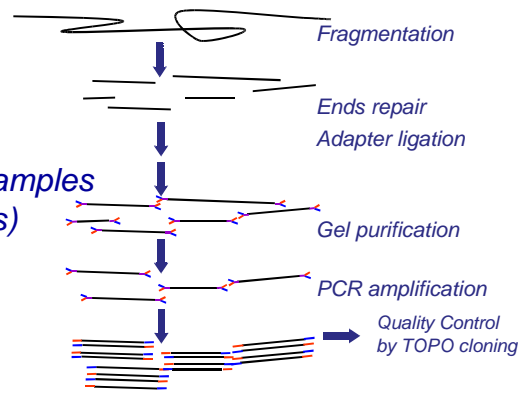
> Custom bioinformatics

SNP	ContigPos	RefSeq	Ref	SNP %	SNP Note	Contig	Feature Name
1	850	507	G	100.0%			
1	850	508	A	100.0%			
1	2749	2751	A	100.0%			
1	2800	2811	C	100.0%			
1	3151	3153	C	100.0%			

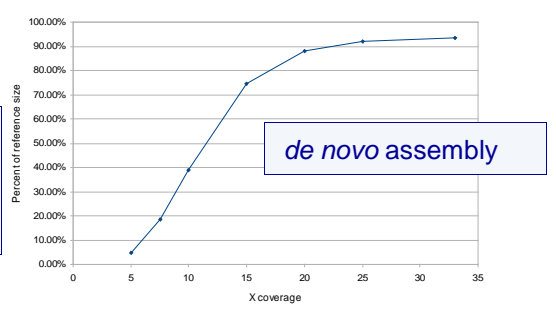
Position	3110	3120	3130	3140	3150	3160	3170
Reference	GTCTGATTGAGGCTTATTTTCCACCTTATGAGCCGCTATTTTCTTCTCTG						
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FASTQ 96	...						

Mapping, SNPs, Genotyping, Graphical visualization, etc...

Genomic Shotgun
Sample Preparation
50 ng to 10 ug DNA



DNA Colony Template library



> Competitive Prices

Sample prep: CHF 800.- EUR 667.-
 One channel 100-150 mio clusters, 2x100 bp: CHF 6'363.- EUR 5'903.-
 Bioinformatics: CHF 500.- EUR 417.-

Example with 4 indexed samples in a PR channel 2x100 bp

Total price, including bioinformatics: CHF 11'873.- EUR 9'894.-
=> Price per sample: CHF 2'968.- EUR 2'473.-

Swiss VAT not charged for EXPORT, prices and specifications are subject to change without notice

HiSEQ 2000 since July 2010

Fasteris certified by Illumina for sequencing Applications (2008)



Fasteris certified by Agilent for SureSelect target enrichment (2009)



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