

# FASTERIS

## Next-Generation ultra-deep sequencing Genomic Shotgun

### > Yield

Currently up to 5 Gb per channel

### > 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 several libraries in a single channel

### > Custom bioinformatics

SNP	Contig Pos	RefPos	Ref	SNP %	SNP Base	Codon	Feature Name
+	665	667	G	100.0%	A		
+	101	613	G	100.0%	A		
+	2749	2731	A	100.0%	G		
+	3329	2811	C	100.0%	T		
+	3161	3133	C	100.0%	T		

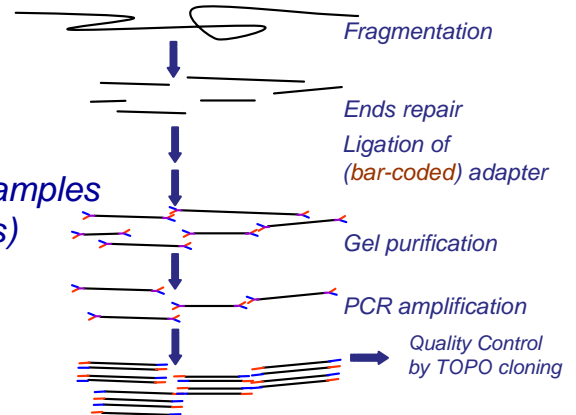
  

Alignment of Contig_502482.1	Position 1	3120	3120	3130	3140	3150	3160	3170
Reference	CTCTGCAATTAAGGCTTAAATCTTCAACCTGATAGAGCCGCGCCCTGATTTTCTTCTGCGG							
Transcript	CTCTGCAATTAAGGCTTAAATCTTCAACCTGATAGAGCCGCGCCCTGATTTTCTTCTGCGG							
Consensus	CTCTGCAATTAAGGCTTAAATCTTCAACCTGATAGAGCCGCGCCCTGATTTTCTTCTGCGG							

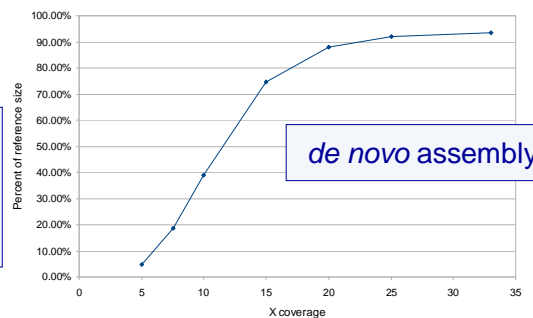
Mapping, SNPs, Genotyping, Genome Browser, etc...

### Genomic Shotgun Sample Preparation

50 ng to 10 ug DNA



### DNA Colony Template library



### > Competitive Prices

Sample prep:	CHF 800.-	EUR 572.-
One channel 20-25 mio clusters, 2x38 bp:	CHF 5'600.-	EUR 4'000.-
One channel 20-25 mio clusters, 2x108 bp:	CHF 8'400.-	EUR 6'000.-
Bioinformatics:	CHF 500.-	EUR 358.-

### Example with 4 bar-coded samples in a PE channel 2x36 bp

Price per sample, including bioinformatics: **CHF 2'900.- EUR 2'071.-**  
(Charge for bar-codes: 4 x CHF 50.- + 3 x CHF 200.-)

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

## Coming up July 2010: HiSEQ 2000

Fasteris certified by Illumina for sequencing Applications.

Fasteris certified by Agilent for SureSelect target enrichment



Agilent Certified Services Provider Target Enrichment System

For more information, please visit [www.fasteris.com](http://www.fasteris.com)

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