SUMMER PROMOTION 2020!
Flexible Voucher Option!
Buy now and perform this or any other project within 12 months.

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Bacterial-Seq

Sequencing of bacterial genomes to 100 fold coverage

- Quantification of gDNA
- Only 10-100 ng of gDNA required
- DNA sequencing library preparation
- Enzymatic fragmentation
- Sequencing preparation tagged with barcoded adapters for multiplexing
- Library check
- Qubit/dilution
- Paired-end sequencing, read length 150 nt, NextSeq 500™
- Data storage and conversion
- Index management and de-multiplexing
- Data delivery via download

Genome size	Reads	Price
1 Mb genome size,	650 k reads:	180 €
2 Mb genome size,	1.5 M reads:	190 €
3 Mb genome size,	2 M reads:	195 €
5 Mb genome size,	3.3 M reads:	200 €
8 Mb genome size,	5.3 M reads:	210 €
10 Mb genome size,	6.6 M reads:	220 €
15 Mb genome size,	10 M reads:	250 €

Optional: Bioinformatic services

1. *De novo* assembly to contigs using SPAdes Genome Assembler: **30 €/sample (1-3 Mb), 40 €/sample (5-15 Mb)**

2. Bacterial analysis: identifying antimicrobial resistance genes + Multilocus Sequence Typing (MLST) + search for plasmid replicons + plasmid MLST: **50 €/sample**

3. Prokka Genome Annotation - annotation of genes and identifying coding sequences in prokaryotic genomes: **30 €/sample** (Seemann T. (2014). Prokka: rapid prokaryotic genome annotation. Bioinformatics Jul 15;30(14):2068-9. PMID:24642063)

Star★SEQ