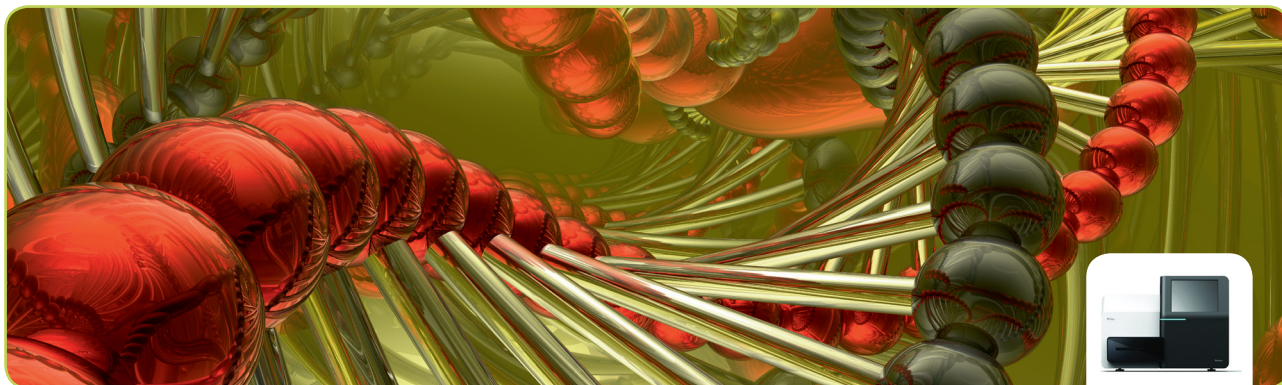




Fast & Cost-effective Illumina MiSeq Sequencing of Bacterial Genomes



Introduction

You need to sequence one or several bacterial genomes? Then let Microsynth run your sequencing project. Due to its short sequencing run time, the MiSeq System is the perfect technology for fast

and cost-effective sequencing of bacterial genomes. Microsynth can offer you a scalable and straightforward service with **short turnover times for attractive prices**. An essential part of our full service is

a **conclusive bioinformatics** evaluation where customers can choose from two different types of established and proved service packages.

Workflow

Project Analysis and Quotation

(Our NGS experts will discuss with you about the best options for your project)



Library Preparation

(Use of barcodes to pool up to 96 samples. Very low DNA - as low as 1 ng! - is required only)



MiSeq Sequencing

(Standard sequencing with 2 * 250 bases read length; other non-standard options available)



Bioinformatics

Package 1: Mapping, variant calling & protein consequences

Package 2: Package 1 plus large InDels and unmapped reads (assembled contigs, NCBI BLAST hits)

Project Examples

Single bacterial genome

1'230.- CHF / 1'630.- CHF *

12 bacterial genomes

6'290.- CHF / 8'920.- CHF *

24 bacterial genomes

7'710.- CHF / 11'780.- CHF *

All prices include library preparation and 2 * 250 paired-end sequencing on the MiSeq system. Prices labeled with "*" contain also Microsynth's bioinformatics package 1 with the following analyses: (I) mapping, (II) variant calling for SNPs and small InDels as well as (III) a breakdown of protein level consequences. All prices are without VAT. Depending on the scope and size of your project, delivery times as fast as one business week are possible. Any sample numbers can be managed by Microsynth.

Need More Information or a Specific Quote?

Call us at +41-71-722 83 33 ... or

E-mail us at genome@microsynth.ch

Other Interesting Illumina MiSeq Sequencing Applications

Beyond bacterial genome sequencing Microsynth can offer you the following other applications on the MiSeq system:

- Plasmid, fosmid, BAC sequencing
- Fungal and higher eukaryotic genome sequencing
- Reference transcriptome generation using normalized RNA libraries
- Amplicon sequencing