



## STS Directory

Accreditation number: **STS 0429**

International standard: ISO/IEC 17025:2017  
Swiss standard: SN EN ISO/IEC 17025:2018

Microsynth AG  
Schützenstrasse 15  
9436 Balgach

Site:  
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Leberstrasse 20  
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Internet: [www.microsynth.ch](http://www.microsynth.ch)  
Initial accreditation: 15.03.2005  
Current accreditation: 15.03.2025 bis 14.03.2030  
Scope of accreditation see: [www.sas.admin.ch](http://www.sas.admin.ch)  
(Accredited bodies)

### Scope of accreditation as of 15.03.2025

#### Testing laboratory for nucleic acid sequencing and genetic analyses

Group of products or materials, field of activity	Principle of measurement <sup>2)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Headquarters Molecularbiology  <i>E. coli</i> (cultures)  DNA	<b>DNA sequencing</b>  Nucleic acid isolation    PCR purification	       LIST 1.3.0003 Modified commercial method: - Kit Company GE Healthcare Internal procedural instruction: - SOP 3.2.02.001  LIST 1.3.0003 Modified commercial method: - Kit Company ThermoFisher Internal procedural instruction: - SOP 3.2.02.004



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DNA	Cycle Sequencing	LIST 1.3.0003 Modified commercial method: - Sequencing with ABI3730xl DNA Analyzer, ThermoFisher Internal procedural instructions: - SOP 3.2.04.008 - SOP 3.2.04.009 - SOP 3.2.06.001 - SOP 3.2.12.001 - SOP 3.2.12.010
DNA, RNA	<b>Next Generation Sequencing (NGS)</b> NGS (massive parallel sequencing MPS)	LIST 1.3.0003 Commercial method: - Sequencing by Synthesis, SBS, Illumina
DNA	<b>Genotyping</b> <b>Fragment length analysis</b> Ready-to-Load capillary electrophoresis	LIST 1.3.0003 Modified commercial method: - Fragment length analysis with ABI - 3730xl DNA Analyzer, ThermoFisher Internal procedural instruction: - SOP 3.4.05.010
<b>Site</b> <b>Molecularbiology</b>	<b>DNA-sequencing</b>	
DNA	PCR purification	LIST 1.3.0003 Modified commercial method: - Kit Company ThermoFisher Internal procedural instruction: - SOP 3.2.02.004



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DNA	<b>Genotyping</b> <b>Fragment length analysis</b> Ready-to-Load capillary electrophoresis	LIST 1.3.0003 Modified commercial method: - Fragment length analysis with ABI - 3730xl DNA Analyzer, ThermoFisher Internal procedural instruction: - SOP 3.4.05.010

The testing laboratory maintains a list with detailed information on the activities within the scope of accreditation. This is available on request from the laboratory.

In case of contradictions in the language versions of the directories, the German version shall apply.

Abbreviation	Signification
DNA	Deoxyribonucleic acid
RNA	Ribonucleic acid
PCR	Polymerase Chain Reaction

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