



## STS Directory

Accreditation number: **STS 0429**

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

Microsynth AG  
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Internet: <http://www.microsynth.ch>  
Initial accreditation: 15.03.2005  
Current accreditation: 15.03.2020 bis 14.03.2025  
Scope of accreditation see: [www.sas.admin.ch](http://www.sas.admin.ch)  
(Accredited bodies)

Site:  
Microsynth Austria GmbH  
Leberstrasse 20  
1110 Vienna  
Austria

### Scope of accreditation as of 11.01.2023

#### Testing laboratory for nucleic acid sequencing and establishing of DNA profile

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)	<b>DNA sequencing</b>  Nucleic acid isolation	Modified commercial method: - Kit Company GE Healthcare Internal procedural instruction: - SOP 3.2.02.001
DNA	PCR purification	Modified commercial method: - Kit Company ThermoFisher Internal procedural instruction: - SOP 3.2.02.004



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



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

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

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