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Microsynth

Next Generation Sequencing Report

Report Details

Project: NGS01962, Pfosser: GBS
Offer: 2022010
Web-ID: 3511373
Date of delivery: 26.09.2022
Report approved by: Dr. Sebastian Strempel, Bioinformatics Specialist
Version: 1

Test Laboratory

Microsynth AG
Next Generation Sequencing Department
Schützenstr. 15
CH-9436 Balgach

Customer Data

Martin Pfosser
OÖ Landes-Kultur GmbH
Biologiezentrum Johann-Wilhelm-Klein-Str. 73
4040 Linz
Austria

Sample Input

Date sample receipt: 31.08.2022
Sample description: 96 samples

Processing / Methods

Nucleic acid extraction:
Date: not requested

Library preparation and sequencing:
- Preparation of GBS libraries
- Sequencing on Illumina NextSeq, v2.5, 1x150bp
- Demultiplexing and trimming of Illumina adapter residuals

Date: 22.09.2022

Bioinformatic analysis:
- GBS analysis using Stacks pipeline

Date: 23.09.2022

Sequencing Output / Results

Total past filter reads: 177,127,198
Total past filter bases: 24,982,528,310
Mean read length: 142 bp
Q20 %: 98
Q30 %: 95
Mean Q: 35
Masked: 307855

Comments

No specific comments.

Data Shipment

Data was upload to the Microsynth ftp account with PersID: 216252

Sample and Data Storage

Please note that Microsynth guarantees to store remaining or unused samples for three months and the digital data generated for the analysis of the samples for six months after delivery of this report. After these periods of time physical and digital data will be discarded.

Legal Notice

The results of this analysis refer only to the portion of the sample Microsynth has analyzed. They might not be assigned unconditionally to the whole sample. Microsynth shall not in any event be liable for incidental, consequential or special damages in relation with carried out analysis and corresponding results.
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Quality Management

All branches of Microsynth are ISO 9001:2015 certified. The services of Microsynth AG (Balgach) related to NGS and Sanger sequencing as well as to fragment length analysis are additionally ISO/IEC 17025:2017 accredited (STS 0429). Microsynth AG is also authorized by Swissmedic to perform quality control of medicinal products by GMP Sanger sequencing. Further, Microsynth AG is EN ISO 13485:2016 certified for the production and distribution of nucleic acids and components for IVD manufacturers and provision of associated activities.

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