

SERVICE REPORT

SARS-CoV-2 Seq Data Report

SV12345

SERVICE REPORT

Customer: John Doe
Company/Institute: ABC Company
Date: April 1, 2022

Performed by:
Norgen Biotek Corp.
3430 Schmon Pkwy, Thorold, ON
Canada L2V 4Y6

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Report Summary

Client Name	John Doe (ABC Company)
Norgen Order Number	SV12345
Number of Samples to Process	8 Samples
Sample Type	Nasal Swab (Human)
Collection Device	Total Nucleic Acid Preservation Tubes (cat.# 69200)
RNA Purification Kit	Saliva/Swab RNA Purification Kit (Cat. 69100)
Sequencing Service Provided	COVID-Seq
Sequencing Platform	Illumina MiSeq
Sequencing Platform Reagent	MiSeq Reagent Kit v2 (300 cycles)
Product Used for Library Preparation	NEBNext® ARTIC SARS-CoV-2 FS Library Prep Kit (Illumina®). (Cat# E7658S)

Date and Time of Release of Report: April 1, 2022

Report Prepared by: Zakia Dahi **Date:** April 1, 2022

Report Reviewed by: Dr. Mohamed El-Mogy **Date:** April 1, 2022

Report Approved by: Dr. Yousef Haj-Ahmad **Date:** April 1, 2022

Downloading Your Files

All files pertaining to this service have been uploaded to our servers. These files will be available for up to 1 month after the completion of the project. Please make sure to download all files before then.











To access your files, visit the link below and enter the user name and password provided. Click the [Download](#) button to start the download. If you have any issues accessing the files, please contact us for help.

Please note that all fields are case-sensitive.

Download Link:	https:\\services.norgenbiotek.com\\sv12345
Username:	user-sv12345
Password:	sdgj&d#\$
Expiration:	July 1, 2022

Structure of Files Provided

Inside the UBS hard drive provided, you will find the following file structure that contains the analysis results.

-  Raw Reads
 -  Contains compressed original FASTQ file of each sample
-  COVID Seq Results
 -  Processed Files for Individual Samples
 -  Each file contains a .vcf file which contains the information on SNVs present in samples
 -  A Summary.tsv contains information on the alignment metrics for each sample.
 -  A file containing the clade information as well as important amino acid alterations *.clade
 -  A file containing the lineage report for each sample *.lineage
 -  Post Processed Results
 -  Lineage and Clade Report

Sample Raw Read File Information

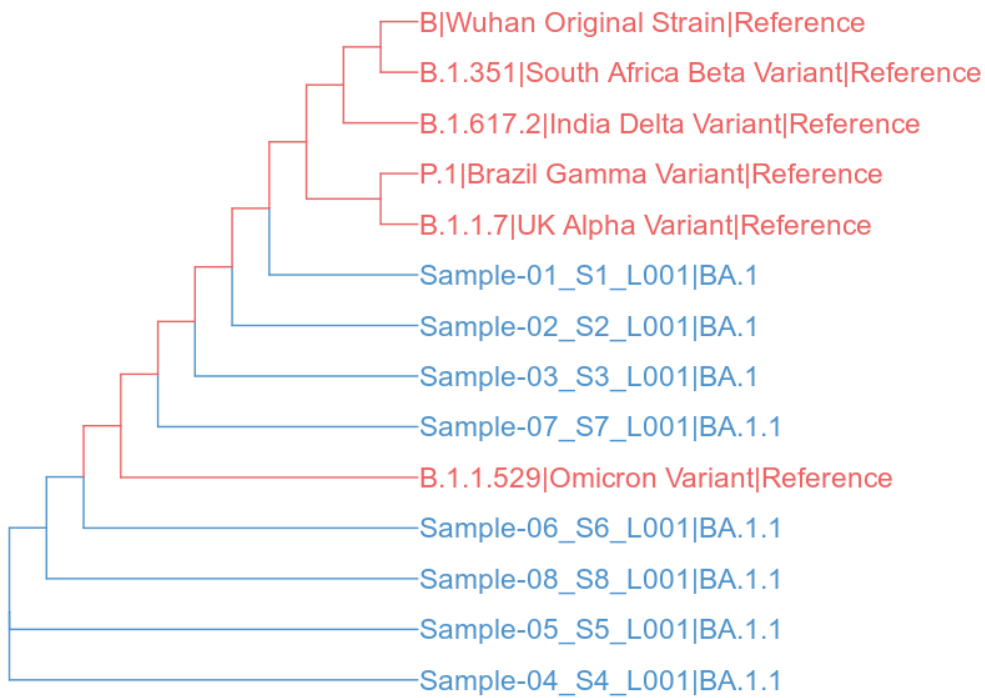
Sample ID	Read 1 Index	Associated Read 1 Fastq File	Read 2 Index	Associated Read 2 Fastq File
SV12345-0001	AGTGACCT	SV12345-0001_S1_L001_R1_001.fastq.gz	TCTAGGAG	SV12345-0001_S1_L001_R2_001.fastq.gz
SV12345-0002	AGCCTATC	SV12345-0002_S2_L001_R1_001.fastq.gz	TGCGTAAC	SV12345-0002_S2_L001_R2_001.fastq.gz
SV12345-0003	TCATCTCC	SV12345-0003_S3_L001_R1_001.fastq.gz	CTTGCTAG	SV12345-0003_S3_L001_R2_001.fastq.gz
SV12345-0004	CCAGTATC	SV12345-0004_S4_L001_R1_001.fastq.gz	AGCGAGAT	SV12345-0004_S4_L001_R2_001.fastq.gz
SV12345-0005	TTGCGAGA	SV12345-0005_S5_L001_R1_001.fastq.gz	TATGGCAC	SV12345-0005_S5_L001_R2_001.fastq.gz
SV12345-0006	GAACGAAG	SV12345-0006_S6_L001_R1_001.fastq.gz	GAATCACC	SV12345-0006_S6_L001_R2_001.fastq.gz
SV12345-0007	CGAATTGC	SV12345-0007_S7_L001_R1_001.fastq.gz	GTAAGGTG	SV12345-0007_S7_L001_R2_001.fastq.gz
SV12345-0008	AGGCTCCC	SV12345-0008_S8_L001_R1_001.fastq.gz	CCAAGCTG	SV12345-0008_S8_L001_R2_001.fastq.gz

Lineage Summary

Sample ID	Read Depth	Read Coverage	Human Probes Detected	SARS-CoV-2 Probes Detected	Lineage	Clade	Amino Acid Substitutions and Deletions
SV12345-0001	886	99.99	2/2	98/98	BA.1	21K	A10449C,G26530A,G20489T,G28643A
SV12345-0002	914	99.45	2/2	98/98	BA.1	21K	G2832A,A10449C
SV12345-0003	1128	99.80	2/2	98/98	BA.1	21K	G2832A,T14257C,C21595T
SV12345-0004	1320	99.89	2/2	98/98	BA.1.1	21K	C21595T
SV12345-0005	1775	99.93	2/2	98/98	BA.1.1	21K	C21595T
SV12345-0006	732	99.99	2/2	98/98	BA.1.1	21K	C21595T
SV12345-0007	929	99.48	2/2	98/98	BA.1.1	21K	A5706G,T7084C,A13756G,G19999T
SV12345-0008	1042	99.66	2/2	98/98	BA.1.1	21K	C21595T

Variant Summary

Sample ID	Non-Variant of Concern	UK Alpha Variant (B.1.1.7)	South Africa Beta Variant (B.1.351)	Brazil Gamma Variant (P.1)	California Variant (B.1.427)	Nigerian Variant (B.1.525)	India Delta Variant (B.1.617.2)	Omicron Variant (B.1.1.529/BA.1/BA.1.1)
SV18734-0001								✓
SV18734-0002								✓
SV18734-0003								✓
SV18734-0004								✓
SV18734-0005								✓
SV18734-0006								✓
SV18734-0007								✓
SV18734-0008								✓



Red color tips refer to the references of the original SARS-CoV-2 and the Variants Of Concern. Blue color tips refer to Customer Samples.

Help and Technical Support

For any questions or additional help regarding this report, please contact our Technical Support Team between the hours of 9:00 AM and 5:30 PM (Eastern Standard Time) at (905) 227-8848 or Toll Free at 1-866-667-4362. Technical support can also be obtained through email at techsupport@norgenbiotek.com.