

Information System for Cancer Precision Medicine

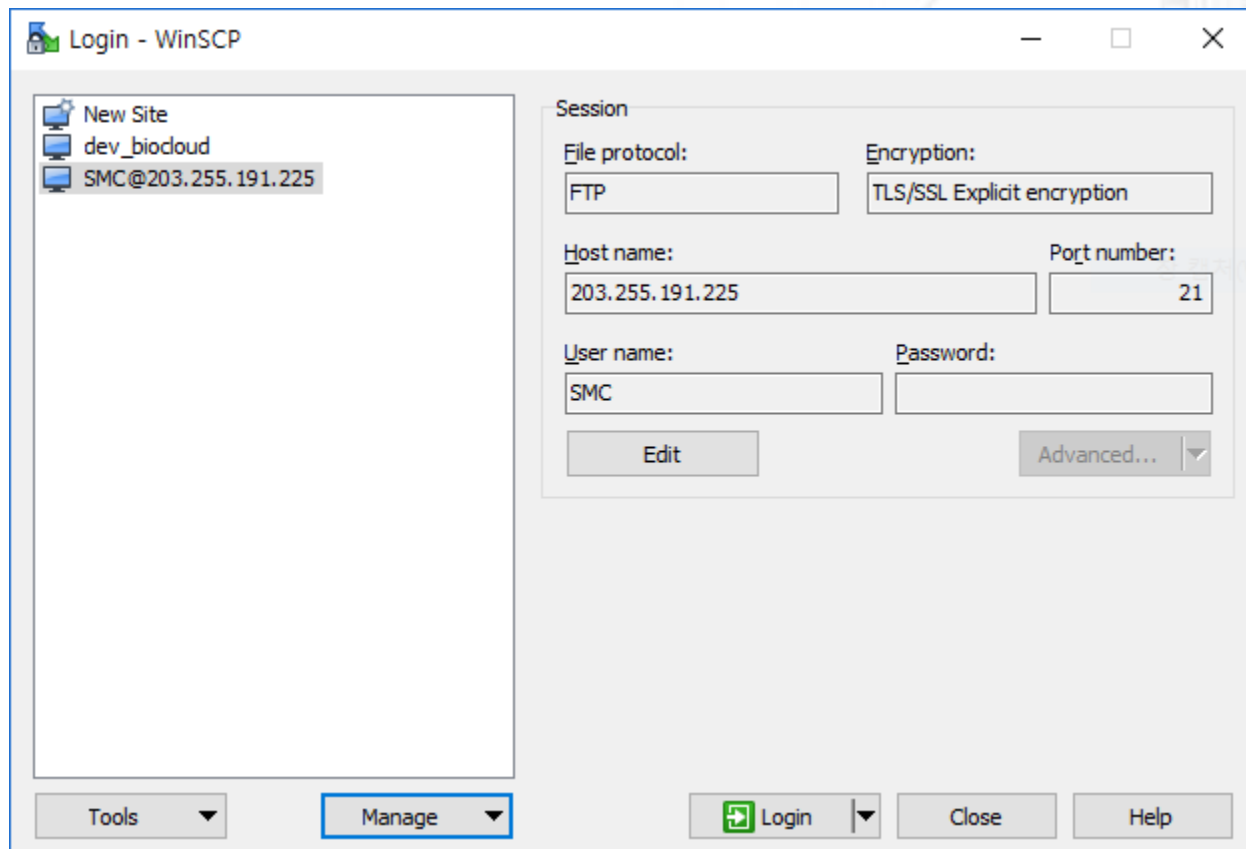
Oct 13, 2017

Yeongjun Jang <gentie@snu.ac.kr>

Log-in to the BioCloud storage

- Download WinSCP at [here](#)
- Log-in to our BioCloud system
 - Server IP address: 203.255.191.225
 - ID: SMC
 - Password: SMC101
- Connection preferences
 - File protocol: FTP
 - Encryption: TLS/SSL Explicit encryption

Log-in to the BioCloud storage



The image shows the WinSCP Login dialog box. On the left, a list of sites includes 'New Site', 'dev_biocloud', and 'SMC@203.255.191.225'. The 'Session' section on the right contains fields for 'File protocol' (FTP), 'Encryption' (TLS/SSL Explicit encryption), 'Host name' (203.255.191.225), 'Port number' (21), 'User name' (SMC), and 'Password'. At the bottom, there are buttons for 'Tools', 'Manage', 'Login', 'Close', and 'Help'.

Login - WinSCP

New Site
dev_biocloud
SMC@203.255.191.225

Session

File protocol: FTP
Encryption: TLS/SSL Explicit encryption

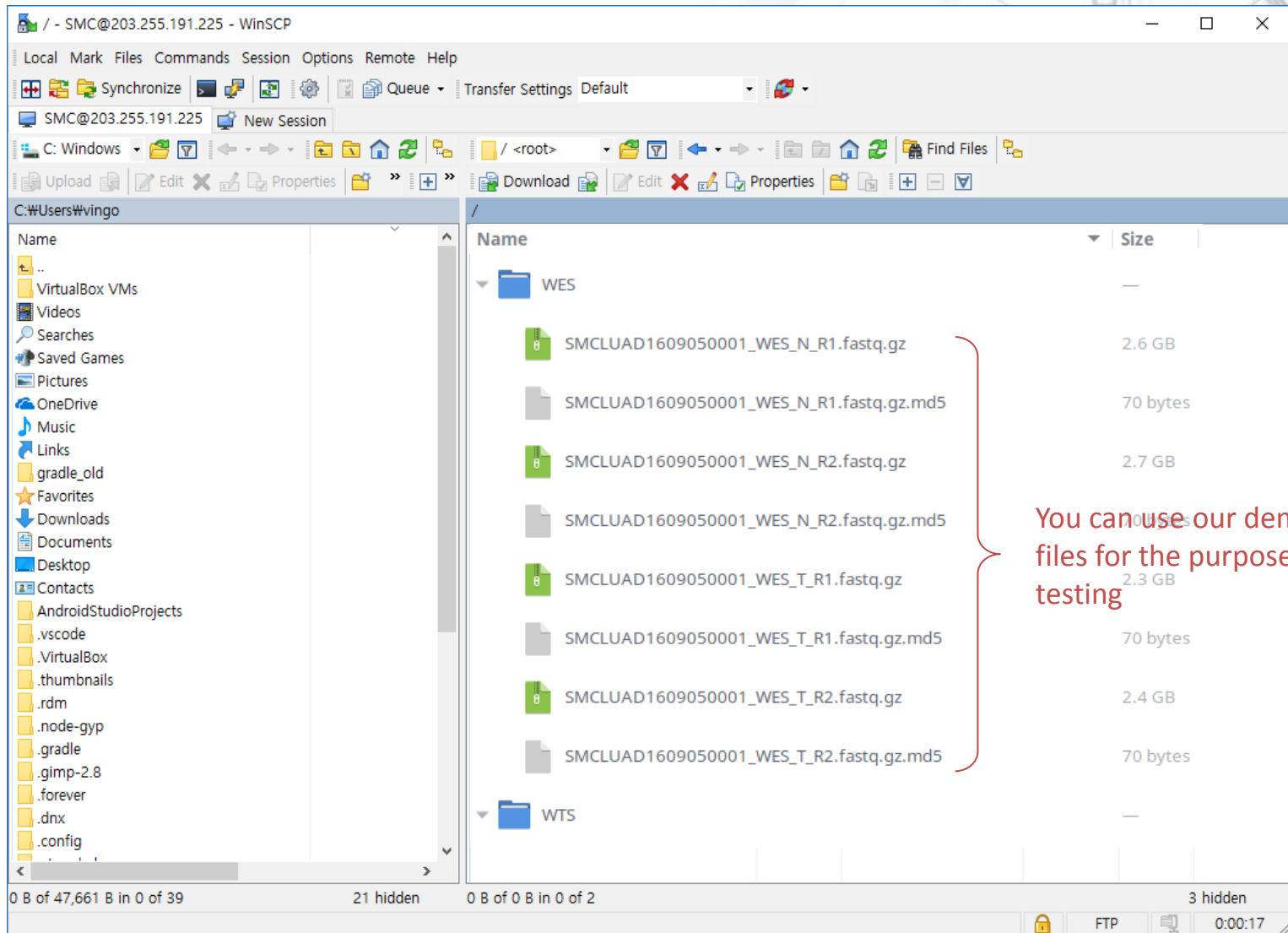
Host name: 203.255.191.225
Port number: 21

User name: SMC
Password:

Edit Advanced...

Tools Manage Login Close Help

Upload FASTQ files



The screenshot shows the WinSCP interface connected to a remote host SMC@203.255.191.225. The left pane shows the local file system (C:\Users\vingo), and the right pane shows the remote file system. The remote directory contains two folders, WES and WTS, each containing several FASTQ files and their corresponding MD5 checksum files. A red bracket highlights the FASTQ files in the WES folder, with a text annotation stating: "You can use our demo files for the purpose of testing".

Name	Size
WES	—
SMCLUAD1609050001_WES_N_R1.fastq.gz	2.6 GB
SMCLUAD1609050001_WES_N_R1.fastq.gz.md5	70 bytes
SMCLUAD1609050001_WES_N_R2.fastq.gz	2.7 GB
SMCLUAD1609050001_WES_N_R2.fastq.gz.md5	70 bytes
SMCLUAD1609050001_WES_T_R1.fastq.gz	2.3 GB
SMCLUAD1609050001_WES_T_R1.fastq.gz.md5	70 bytes
SMCLUAD1609050001_WES_T_R2.fastq.gz	2.4 GB
SMCLUAD1609050001_WES_T_R2.fastq.gz.md5	70 bytes
WTS	—

Log-in to CGIS

<http://203.255.191.21>

ID: demo@gmail.com

Password: showme

Log-in to CGIS

CGIS-EUMC

Not secure | 203.255.191.21/login

CGIS Patient Samples login

Click

Login

demo@gmail.com

.....

☒ Remember me

Sign in

New user? [Click here to register.](#)

Page of sample list

CGIS-EUMC x

203.255.191.21/menu/

CGIS Patient Samples ← Click to open this page

demo

Sample List

Upload Clinical Data

Click to go to the sample registration page

Search

#	Sample ID	Type	Requester	Seq.Inst.	WES(N)	WES(T)	WTS(N)	WTS(T)	Req. Date	Clinical	Comment
1	SMCLUAD1609050028	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	
2	SMCLUAD1609050034	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	
3	SMCLUAD1609050038	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	
4	SMCLUAD1609050041	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	
5	SMCLUAD1609050055	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	
6	SMCLUAD1609050056	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	
7	SMCLUAD1609050068	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	

Showing 1 to 7 of 7 rows

Sample Registration

CGIS-EUMC x Yeongjun

203.255.191.21/menu/sample/register_self

CGIS Patient Samples demo

Internal Sample Registration

[List](#)

* Please select files after upload at Biocloud

Sample ID 자동 생성합니다.

Sequencing Institute INTERNAL

Cancer Type LUAD: Lung Adenocarcinoma

Check tissue types for uploaded WES and WTS data files respectively

WES	☒ Normal	☒ Tumor
WTS	☐ Normal	☐ Tumor

WES Normal R1 File ./WES/SMCLUAD1609050001_WES_N_R1.fastq.gz

R2 File ./WES/SMCLUAD1609050001_WES_N_R2.fastq.gz

WES Tumor R1 File ./WES/SMCLUAD1609050001_WES_T_R1.fastq.gz

R2 File ./WES/SMCLUAD1609050001_WES_T_R2.fastq.gz

WTS Normal R1 File Select WTS Normal R1 File.

R2 File Select WTS Normal R2 File.

WTS Tumor R1 File Select WTS Tumor R1 File.

R2 File Select WTS Tumor R2 File.

Comments

Register

Uploaded FASTQ files are listed here. Select proper FASTQ files for each tissue type and paired-end read.

Sample Registration (Result)

CGIS-EUMC x Yeongjun

203.255.191.21/models/sample?sample_id=EUMCLUAD1710130001

CGIS Patient Samples Click to go to the sample list page demo

EUMCLUAD1710130001 New / List / Print

Cancer	Seq. Institute	WES		WTS		Register	Date	Comments
		N	T	N	T			
Lung Adenocarcinoma	INTERNAL	✓	✓			demo	2017/10/13	

Sequencing Results

Type	Status	Date	Modifier	Message	History
WES	N	샘플등록	17/10/13 01:50 PM	demo	Q
	T	샘플등록	17/10/13 01:50 PM	demo	Q
WTS	N				
	T				

Analysis Results

Type	Status	Date	Modifier	Message	History
WES	N				
	T				
WTS	N				
	T				

Sample Registration (Result)

CGIS-SMC x

203.255.191.21/menu/

CGIS Patient Samples

Sample List

Click to go to the page for monitoring the analysis process

Upload Clinical Data

#	Sample ID	Type	Requester	Seq.Inst.	WES(N)	WES(T)	WTS(N)	WTS(T)	Req. Date	Clinical	Comment
1	EUMCLUAD1710130001	LUAD	demo	INTERNAL	In Analysis	In Analysis			2 hours ago		
2	SMCLUAD1609050028	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	
3	SMCLUAD1609050034	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	
4	SMCLUAD1609050038	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	
5	SMCLUAD1609050041	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	
6	SMCLUAD1609050055	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	
7	SMCLUAD1609050056	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	
8	SMCLUAD1609050068	LUAD	삼성병원01	DNALINK	All Done	All Done	All Done	All Done	a year ago	✓	

Showing 1 to 8 of 8 rows

** After the pipeline is completed, you should upload a file containing clinical information for the sample. This is a mandatory step for getting the report of results

Just registered sample id is de-activated because the analysis pipeline is not completed. Usually it takes 24 hours for analyzing paired-end whole exome-seq data.

Analysis Monitoring

CGIS-SMC x

203.255.191.21/models/sample?sample_id=EUMCLUAD1710130001

Patient Samples demo

EUMCLUAD1710130001 (WES / Normal)

Analysis History

#	Status	User	Date	Message
2	Map with BWA	DNALINK	17/10/13 01:58 PM	
1	SICKLE	DNALINK	17/10/13 01:52 PM	

Close

Sequencing Results

Type	Status	Date	Modifier	Message	History
WES	N	샘플등록	17/10/13 01:50 PM	demo	Q
	T	샘플등록	17/10/13 01:50 PM	demo	Q
WTS	N				
	T				

Analysis Results

Click to show up a window for monitoring the analysis process

Type	Status	Date	Modifier	Message	History
WES	N	Map with BWA	17/10/13 01:58 PM	DNALINK	Q
	T	Map with BWA	17/10/13 01:57 PM	DNALINK	Q
WTS	N				
	T				

Upload Clinical Data

Step 1

Clinical Data Upload Example files of clinical information for each cancer type [Reset](#)

Step 1 : Select Cancer Type

- ☐ BRCA - You can download a sample file at [this link](#)
- ☐ GBM - You can download a sample file at [this link](#)
- ☒ LUAD - You can download a sample file at [this link](#)

Next

Clinical Data Upload [Reset](#)

Step 2 : Upload TSV File



Drop LUAD TSV File Here....

[Choose File](#) No file chosen

Step 2

Step 3

Clinical Data Upload [Reset](#)

Step 3 : Check data

sample_id	vital_status	gender	race	ethnicity	histological_type
EUMCLUAD1710130001	alive	female	asian	korean	lung adenocarcinoma- not otherwise specified (nos)

Showing 1 to 1 of 1 rows

Upload

Show all

END

gentie@snu.ac.kr