Quartet Data Portal User Guide for

WGS Quality Assessment Report

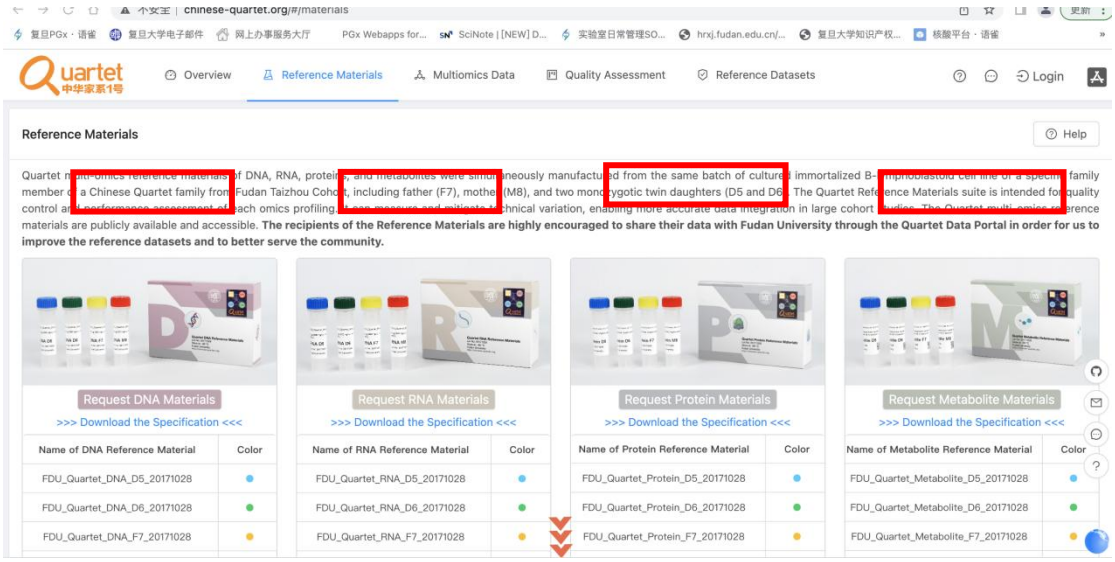
1. Basic Information

Purpose	Self-generated DNA quality assessment report of "Chinese Quartet" No.1 using QDP
QDP Address	http://chinese-quartet.org/
OSS Download Address	OSS:https://help.aliyun.com/document_detail/209974.htm?spm=a2c4g.11186623.0.0.614d7a47wCxReB#task-2065478
Input files	The file name suffix should be: _LCL5_R1.fastq.gz、_LCL6_R1.fastq.gz、_LCL7_R1.fastq.gz、_LCL8_R1.fastq.gz _LCL5_R2.fastq.gz、_LCL6_R2.fastq.gz、_LCL7_R2.fastq.gz、_LCL8_R2.fastq.gz
Output files	Quality assessment report html format

2. Log on to QDP

2.1 QDP account

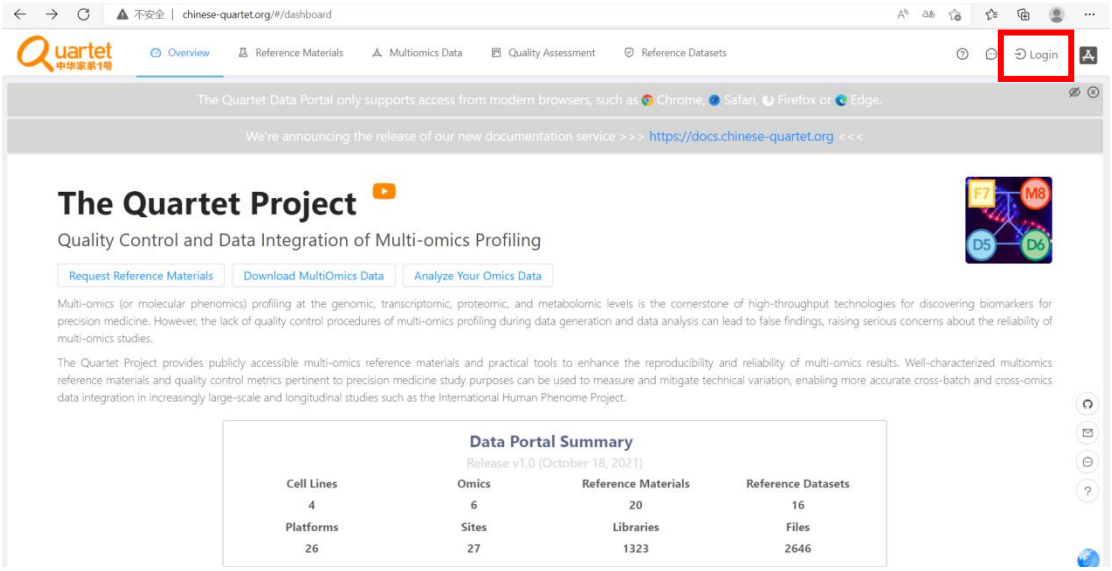
1)If you have a request for the reference materials, please go to http://chinese-quartet.org/#/materials to request the reference materials. The Quartet team will contact you for further confirming your information and send you a registration email.

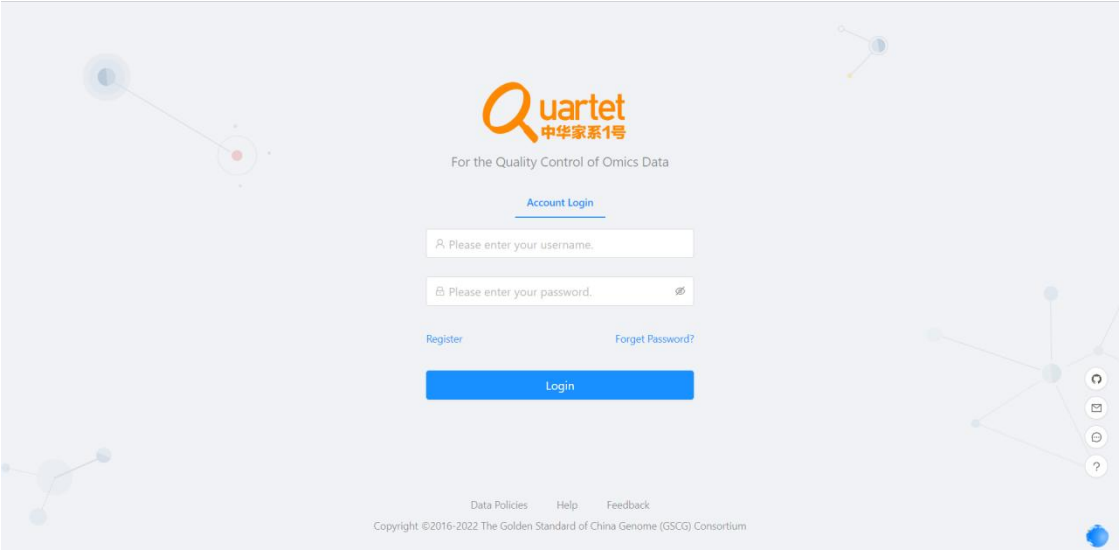


2) If you do not have a request for the reference materials, please send an email to **quartet@fudan.edu.cn** for a QDP account.

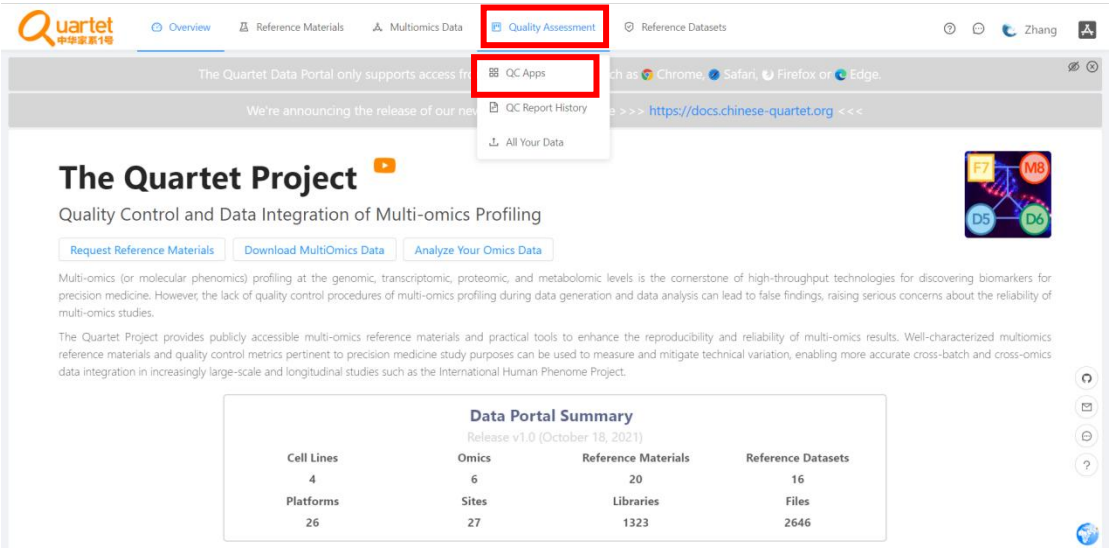
2.2 Log on to QDP

Address: http://chinese-quartet.org/



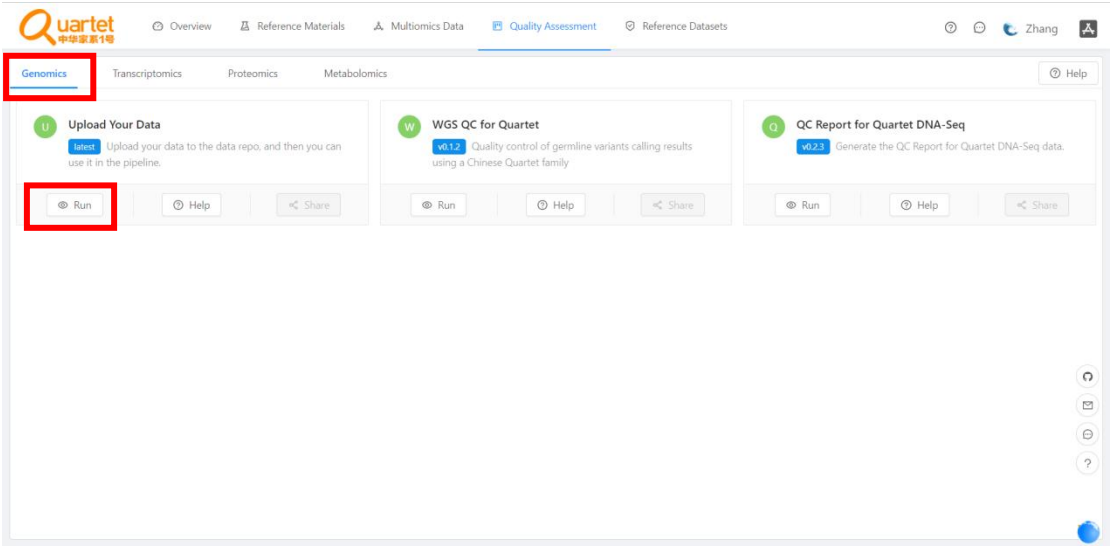


2.3 Select Quality Assessment> QC Apps

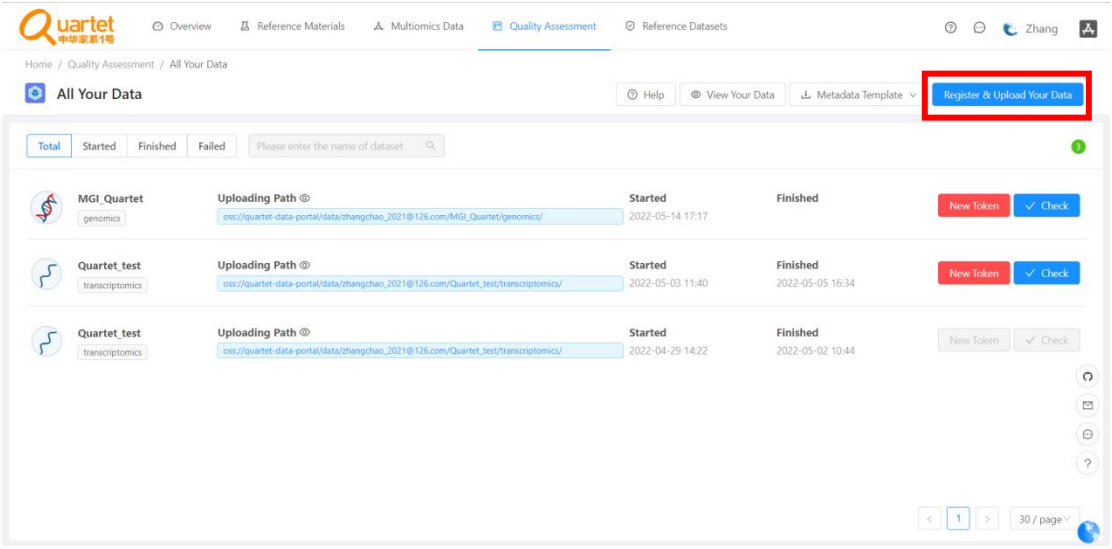


3. Upload DNA sequencing data

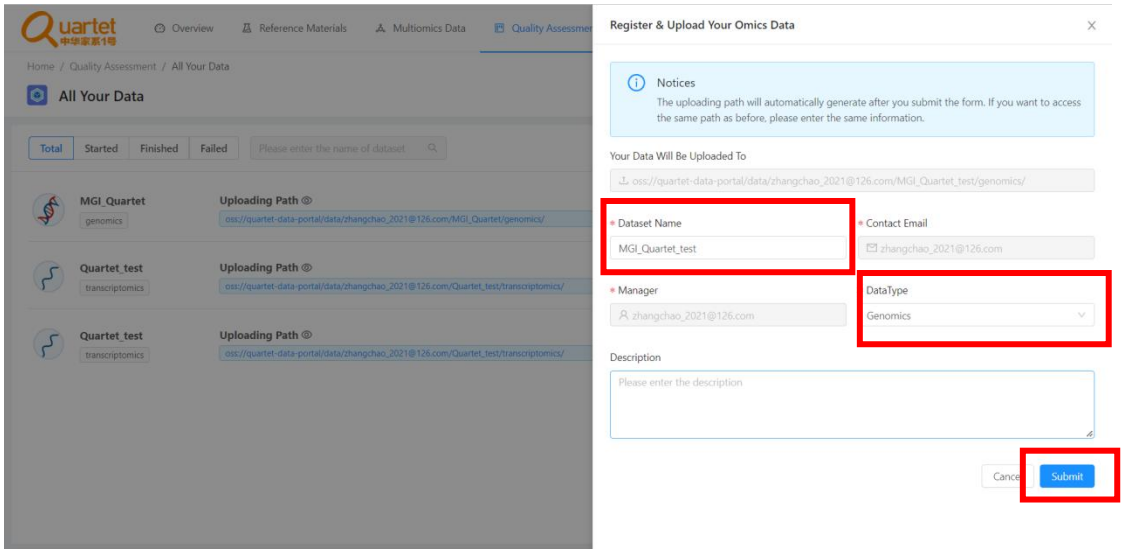
3.1 Select Genomic> Upload Your Data> Run



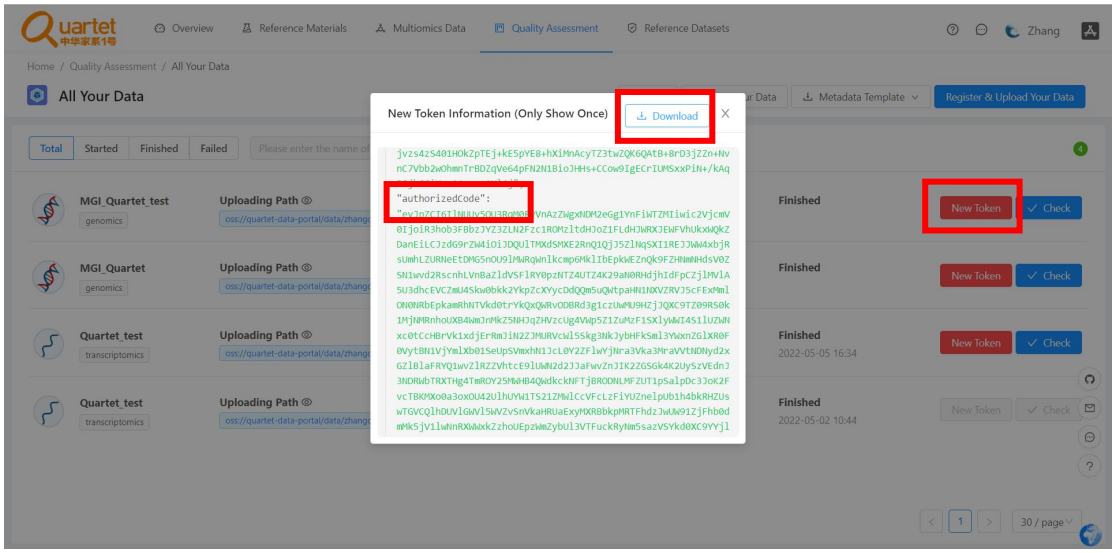
3.2 Click the symbol called “Register & Upload Your Data”



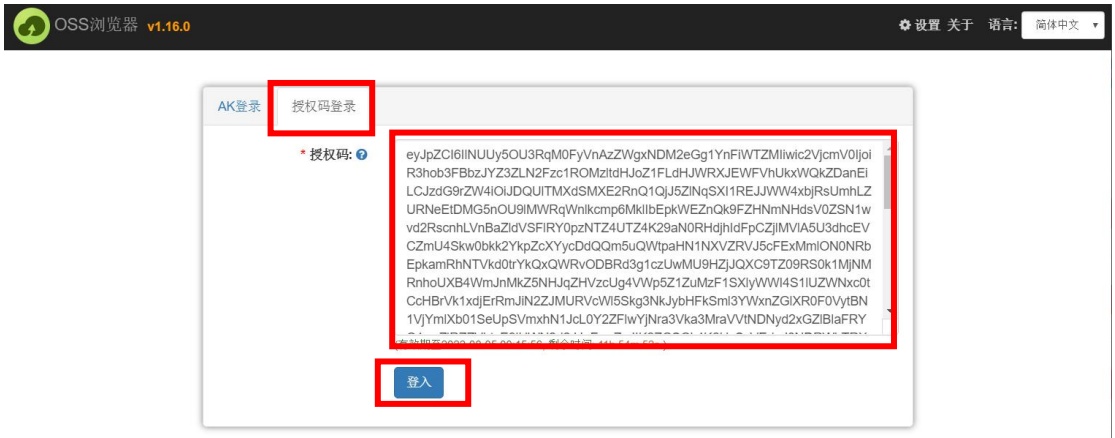
3.3 Fill in Dataset Name, DataType select Genomics, and click Submit



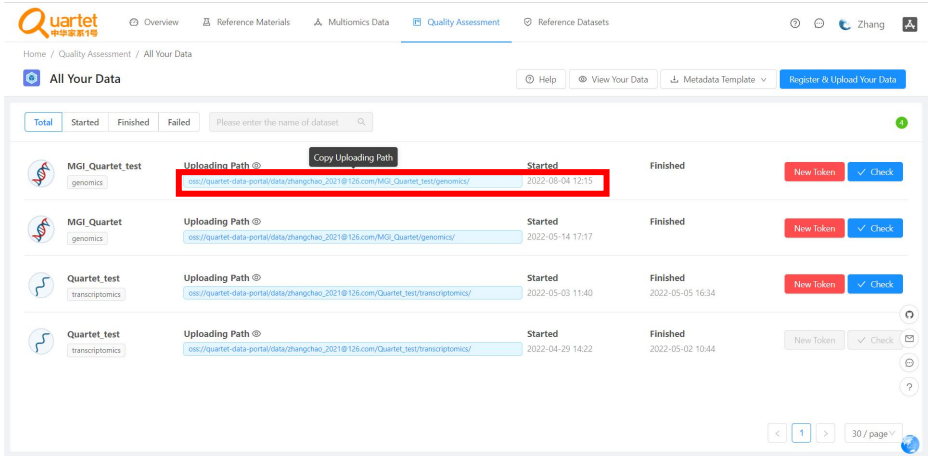
3.4 Click the symbol called “New Token”. Copy the autorizedCode, which is for subsequent ossbrowser login



3.4 Login on to ossbrowser by using an authorization code, which is copied in Step 3.3

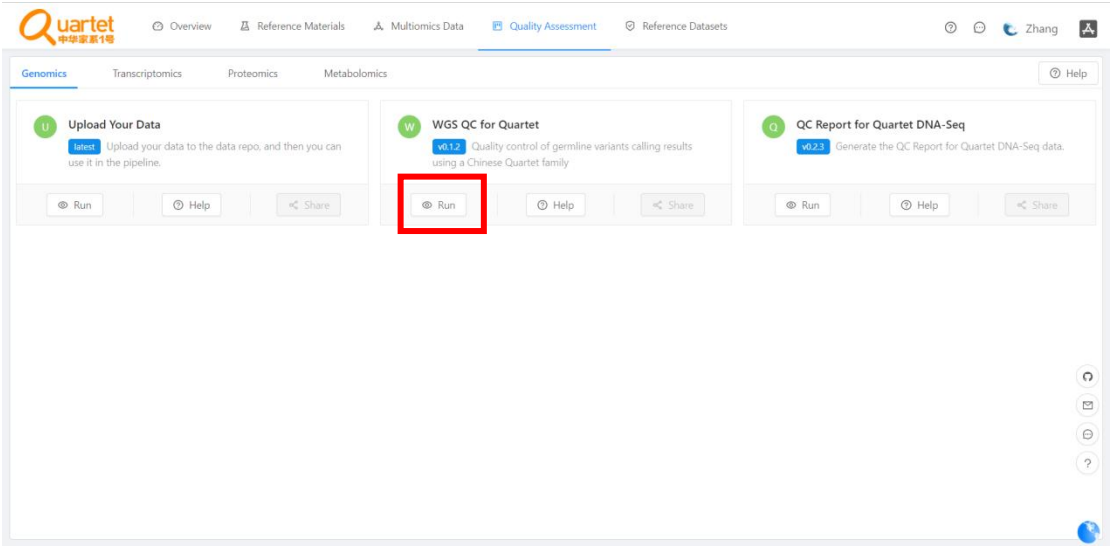


3.5 Create project folder and upload the data

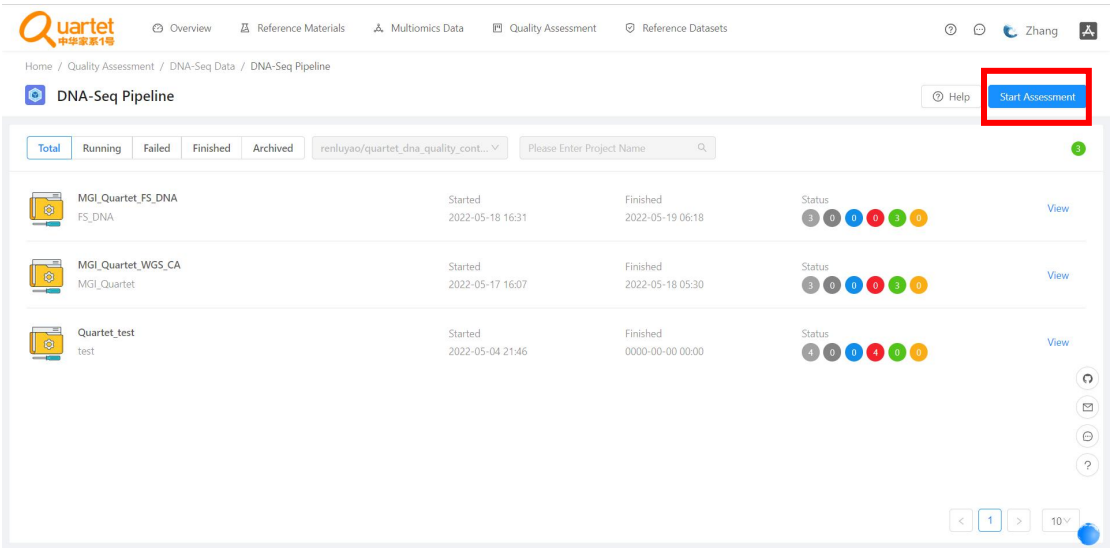


4. Run WGS app

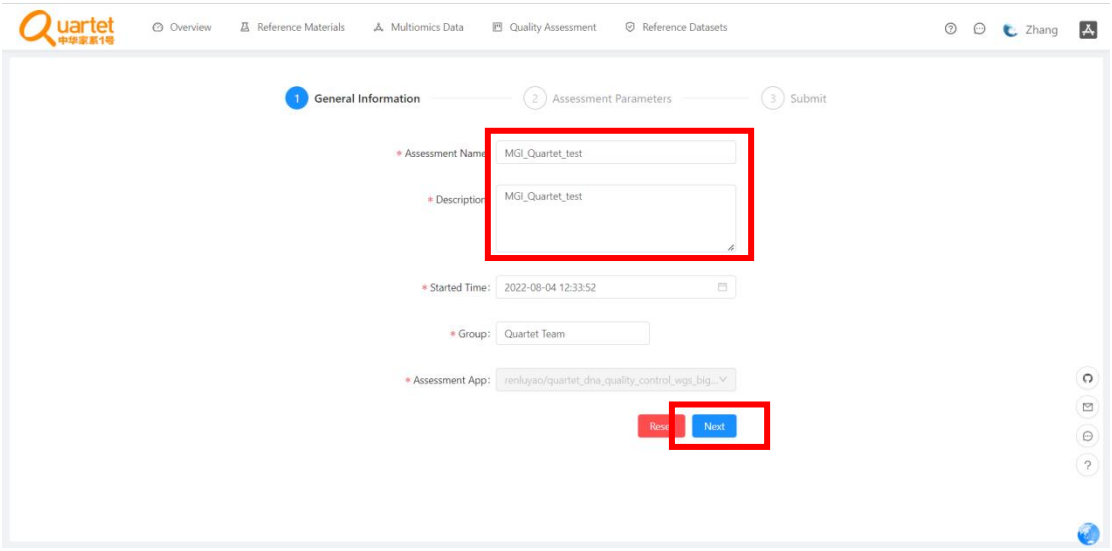
4.1 Select Genomic> WGS QC for Quartet> Run



4.2 Click the symbol called “Start Assessment”

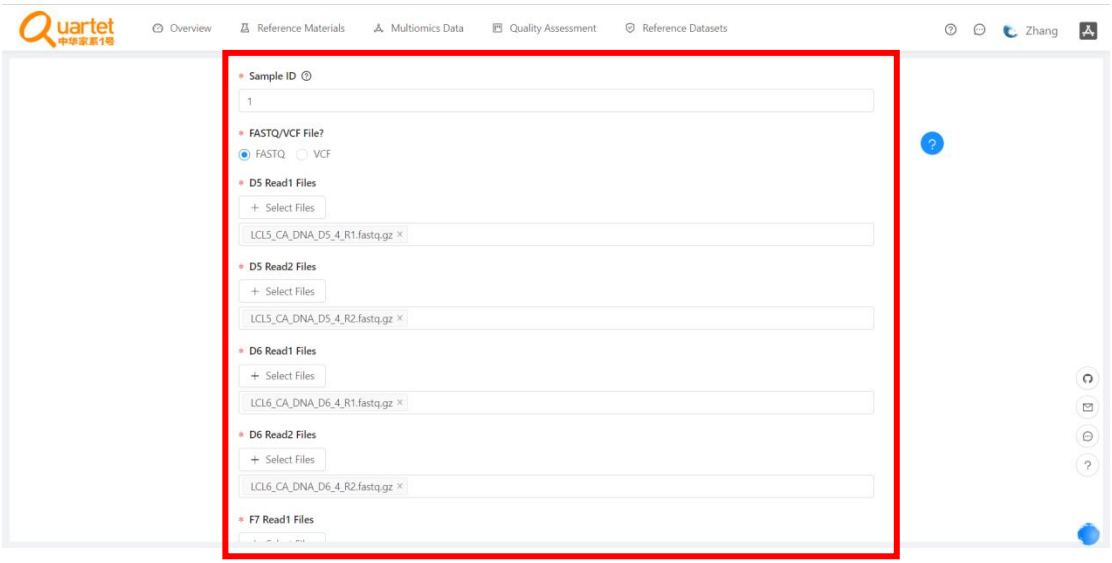


4.3 Fill in Assessment Name and Description. Then click Next.

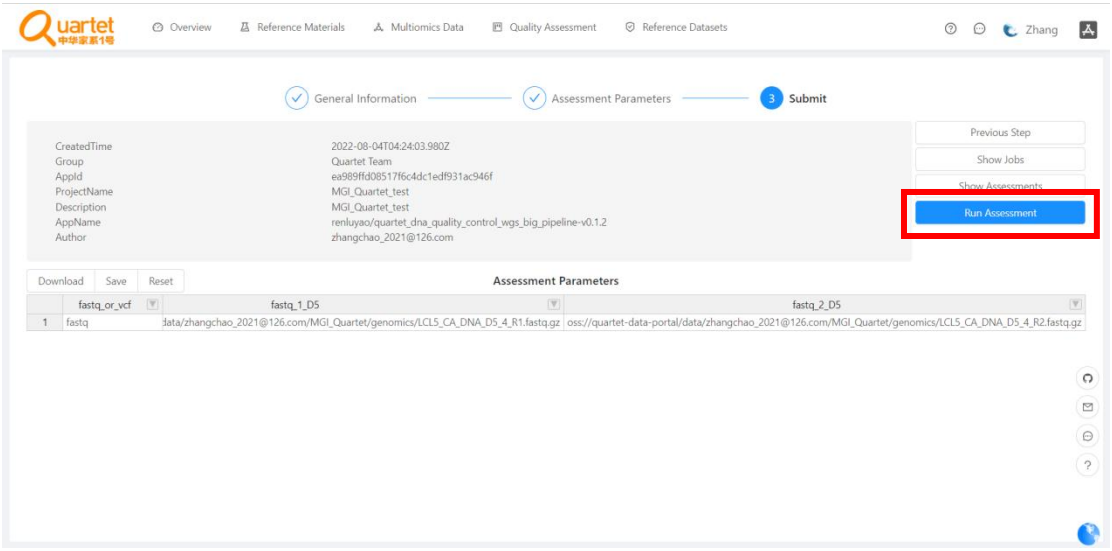


4.4 Fill in Sample information

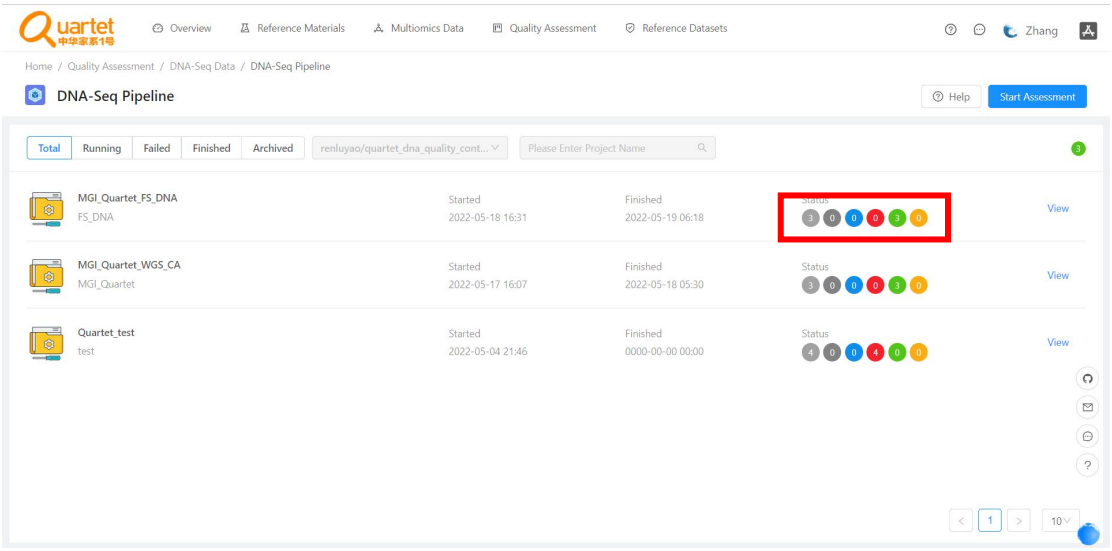
Sample ID should be numbers. It is set D5+D6+F7+M8 Four samples as a group, Sample ID for one group of samples filled in 1, Sample ID for two groups of samples filled in 2, Sample ID for three groups of samples filled in 3.Assessment Parameters can be downloaded and checked.



4.5 Click the symbol called “Run Assessment”

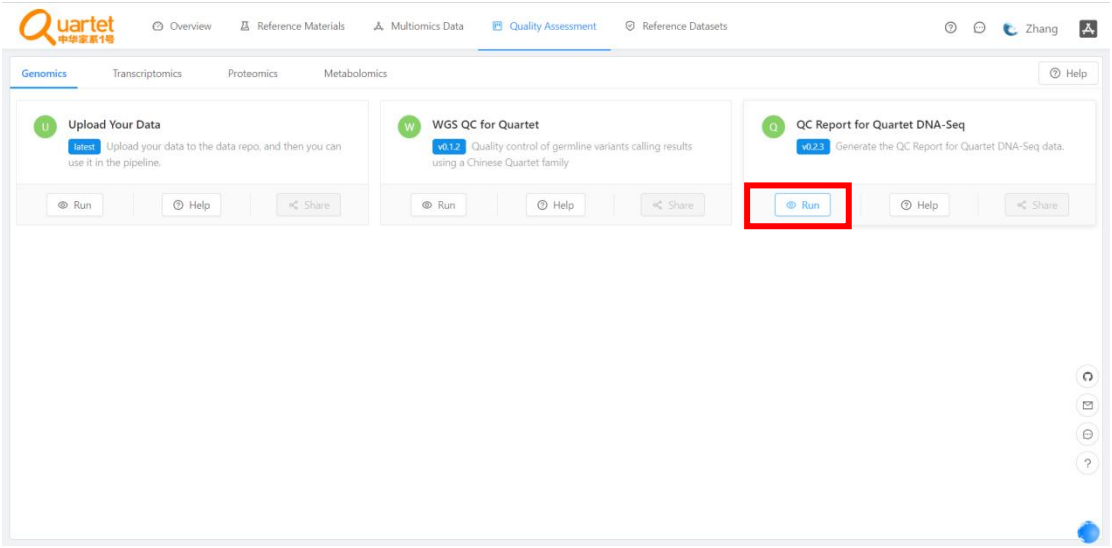


4.6 Check the status of Run Assessment

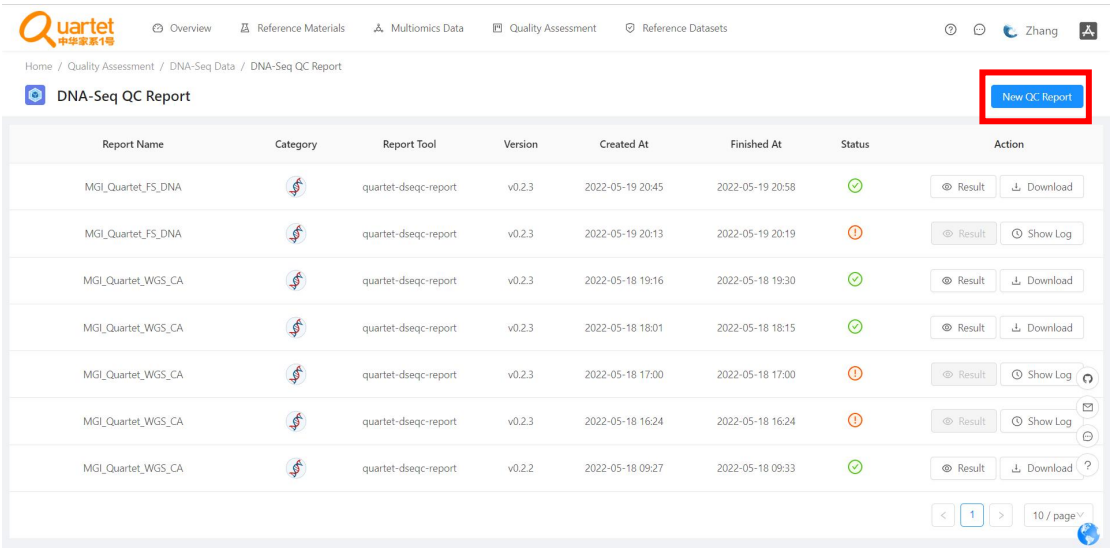


5. Results collation and report generation

5.1 Select Genomic> QC Report for Quartet DNA Seq-Run



5.2 Click the symbol called “New QC Report”



5.3 Follow the Steps as prompted