Introduction to the ARIES webserver user-interface



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TOOLS SECTION

MAIN WINDOW

HISTORY SECTION (UPLOAD & RESULTS)

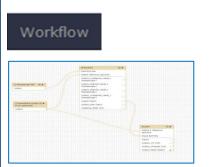








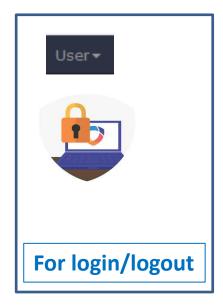
Is used for going back to home (main screen)



Can be used for a customized pipeline, by selecting specif tools



Can be used for share data libraries, histories, workflows, visualizations, pages













	@FCC4GB4ACXX:4:1101:1817:2182#AACGTGATA/1
	TCAAAATGCAGTCCGTGATCGAGATTTAACACCACCGGAATGTCATGACGCGCCGC +
	ggiiiihiiiiiiiighiiiiiiihhhhiiiihiiiih
	@FCC4GB4ACXX:4:1101:7460:2239#AACGTGATA/1
	TGCAGTGCGCAAGTGACGGACGCTGCGGATAATTACGCGCCATCCACCAGATGACC +
	ggiiighiiiiiifhihiiiiiiiiiiiigeeeeedccccccccccccccccc
	@FCC4GB4ACXX:4:1101:17609:2250#AACGTGATA/1
	GTGGGTAATGCCGTGGATGCTGTTTATCCTGCAACCCGCCTGGCAGCGCATTGATT +
	qqiiiqfhiiiiihiihhiiihiiiiiiiiiihiihiihiiihqedeccbbd
	@FCC4GB4ACXX:4:1101:17931:2181#AACGTGATA/1
	CGCCCGTGATTACGGTCTCGCCGTCCCGGAATGCGTTACCCGCCGTCAGGCGGTGG
	+
	gfiiiieghiiiiiifhiihiiiigghiiggeeeecccccccccaXacabcccWaa
	@FCC4GB4ACXX:4:1101:1695:2397#AACGTGATA/1
	CTCATGCGCAGCGGGTTGCCATCGCTTCAACCGGAATTATTCGCGACGGCAGTTTG +
	ggiiiiiiiiiiiiifghiiiiiiiiiiiiiiiggeeeeddddccccccccccccc
	@FCC4GB4ACXX:4:1101:1818:2388#AACGTGATA/1
	AATCGCGTCATGCCACTCGTTATCTGCCTGCTCCCGGCCCTGACCACCCAAGCCAGT
	+
	ggiiiiiiiiiiiiiiiiiiihiiiiiifhiiiiihiihiigggggeeeeccdbb @FCC4GB4ACXX:4:1101:2662:2462#AACGTGATA/1
	GCCCTGGCAAGTTTTACCGTGCACGCACAGCCCCCCTCACAGACCGTAGAACAAAC
	+
	ggiigiiiihighiiiiiihhhiiiiighhdfhhiiihgfggeeeec`accccccc
	@FCC4GB4ACXX:4:1101:3371:2297#AACGTGATA/1
	GCCACGCCGCCACCGTTAAAACCGACGTCCATCCAGCCCACATCGTCCAGCAAGAA +
	ggiiihiiiiifiiiiiiiihhhhieeeecddddcccccccccccccccc
	@FCC4GB4ACXX:4:1101:3363:2432#AACGTGATA/1
	ATAGGTGCTGGAAAGATGGATGGGAGGGACAACGCAACCATACTGTTCGTCGTCAT +
	qqiiifqhiiiiiihhihhiiiihiiiiiiiiiiiiiii
	@FCC4GB4ACXX:4:1101:3578:2495#AACGTGATA/1
	ATAAAGAGATTTACAGCATGGTCAGGGAGGTCAGCAGCCGCTTAGGCTGTCGCCAG
	+
	ggiiiiiihiiiiiiiiiiiiighhiihiiifhhiiiiiiii
	@FCC4GB4ACXX:4:1101:4560:2382#AACGTGATA/1
	CTTGCGTTTCATTTACCAGCACCCATTCACGCGCTCTGTGATATGAAAACCCTCAA +
	ggihiihiiiiiiiifighhihiiiihhiiiihhghiiggdgggfeeeeebcdccb
	@FCC4GB4ACXX:4:1101:5450:2336#AACGTGATA/1
	TGTCCGGCTGAGCTAACAACGCAGAATACCGATAATGGACCGCCACCGGGGACTCC
ĺ	+
	#

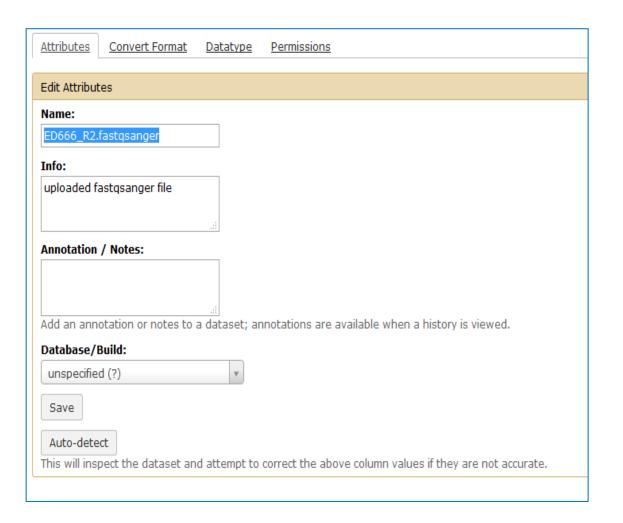
ttributes Convert Format Datatype Permission	<u>1S</u>
Attributes Convert Format Datatype Permissions	
Edit Attributes	
Name: ED180_R2.fastqsanger	
Info:	
uploaded fastqsanger file	
Annotation / Notes:	
Add an annotation or notes to a dataset; annotations are available when a history is viewed.	
Database/Build: unspecified (?)	
Save	
Auto-detect This will inspect the dataset and attempt to correct the above column values if they are not accurate.	











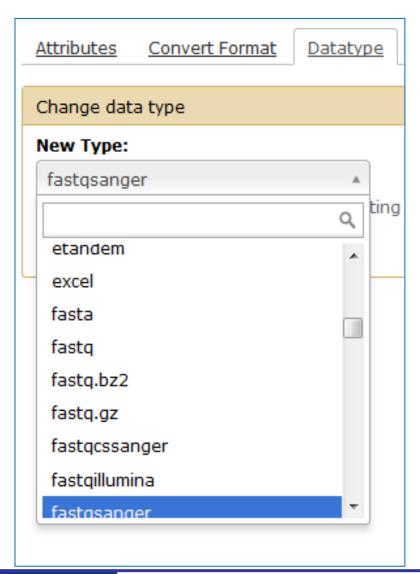
<u>Attributes</u>

IT CAN BE USED TO CHANGE THE FILE NAME





Edit attributes



Datatype

- ✓ SPECIFY THE DATA FORMAT
- ✓ All NGS platforms produce data in the same .fastq format, using the same ASCII code for PHRED scores (.fastqsanger).
- ✓ However, some tools require the use with declared data type
 .fastqsanger
- ✓ ALWAYS SET THE DATATYPE OF SEQUENCING READS FILES AS .fastqsanger
- ✓ E.g. from «.txt» to «.tabular»





FILES DETAILS FROM THE HISTORY

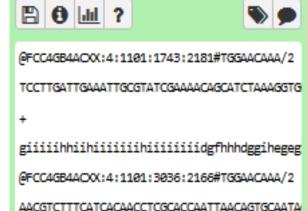
ED666 R2.fastqsanger

233.5 MB

231:

format: fastqsanger, database: ?

uploaded fastgsanger file



Download

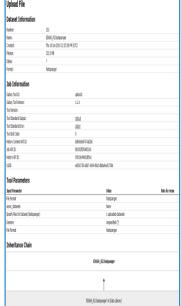




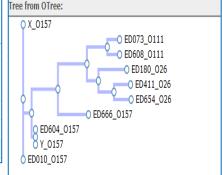








IN CASE OF THE **USE OF TOOLS** FOR SOME **GRAFIC VISUALIZATION** (TREES)



Edit dataset tags

Edit dataset annotation









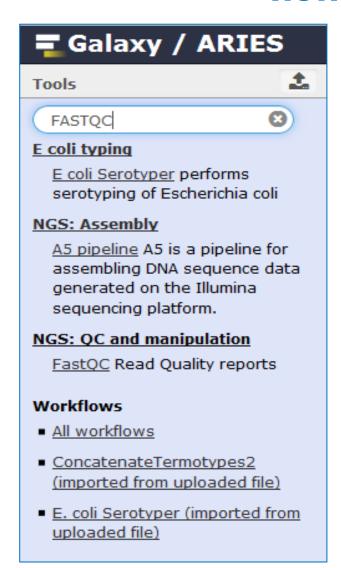
FOR THE DATA OBTAINED AS RESULTS OF TOOLS, YOU CAN SEE THE INFORMATION OF THE INPUT DATA, OF THE PROGRAM USED AND ALL THE DETAILS OF THE ANALISYS PERFORMED

FastQC				
Dataset Information				
Number:	330			
Name:	FastQC on data 224: Webpage			
Created:	Wed 06 Jun 2018 03:44:42 PM (UTC)			
Filesize:	261.7 KB			
Dbkey:	?			
Format:	html			
Job Information				
Galaxy Tool ID:	toolshed.g2.bx.psu.edu/repos/devteam/fastqc/fastqc/0.63			
Galaxy Tool Version:	0.63			
Tool Version:				
Tool Standard Output:	<u>stdout</u>			
Tool Standard Error:	<u>stderr</u>			
Tool Exit Code:	0			
History Content API ID:	7cf35be4dbb893b9			
Job API ID:	9e076c25ae61799a			
History API ID:	95919c4f4d1df5e1			
UUID:	1fc7040e-e416-4b41-8731-a36d6fb4dd80			
Tool Parameters				
Input Parameter	Value	Note for rerun		
Short read data from your current history	224: ED010 R1.fastqsanger			
Contaminant list				
Submodule and Limit specifing file				
Inheritance Chain				
	FastQC on data 224: Webpage			
Job Dependencies				
Dependency	Dependency Type	Version		
FastQC	tool_shed_package	0.11.2		





HOW TO FIND THE TOOLS



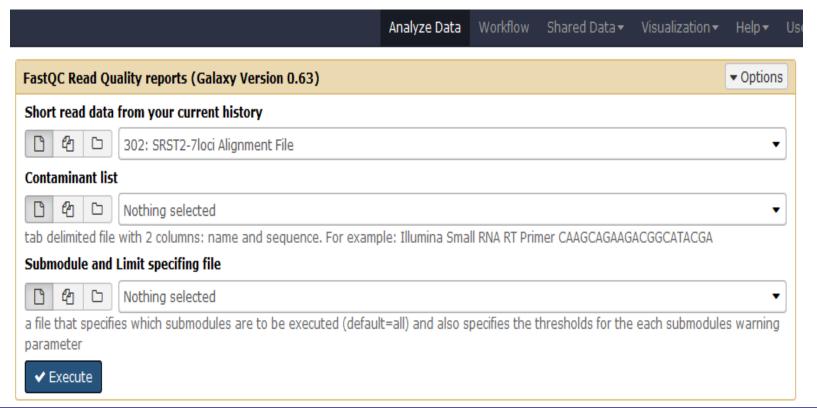
In the tool section, you can select the tool needed by typing the name of the tool in the search section





In the main window you will see the window for selecting the files to be analyzed by the chosen tool (scroll from the menu or type the correct name of the file uploaded in the history).

Once all the fields have been filled, click on Execute and check the colours in the history window...

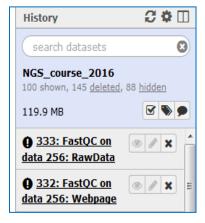




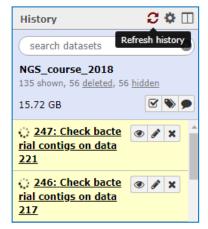


THE COLOURS OF THE HISTORY WHEN YOU RUN THE TOOLS

GRAY



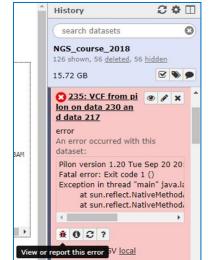
YELLOW



GREEN

History	€ 🗆			
search datasets	8			
NGS_course_2016 100 shown, 145 <u>deleted</u> , 88 <u>hidden</u>				
121.33 MB				
333: FastQC on data 256: RawData	• / x			
332: FastQC on data 256: Webpage	● / X =			

the In section, you can select the FILE needed by typing the name of the FILE in the section



RED





HISTORY

search



View or report this error



Click on «View or report this error» and copy the text from the main window, then past and send the text to aries@iss.it or

"Report this error to the local Galaxy administrators"



