

muSCOPE BLAST

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Abstract

How to use the muSCOPE BLAST app.

Citation: Ken Youens-Clark muSCOPE BLAST. **protocols.io**

dx.doi.org/10.17504/protocols.io.hw7b7hn

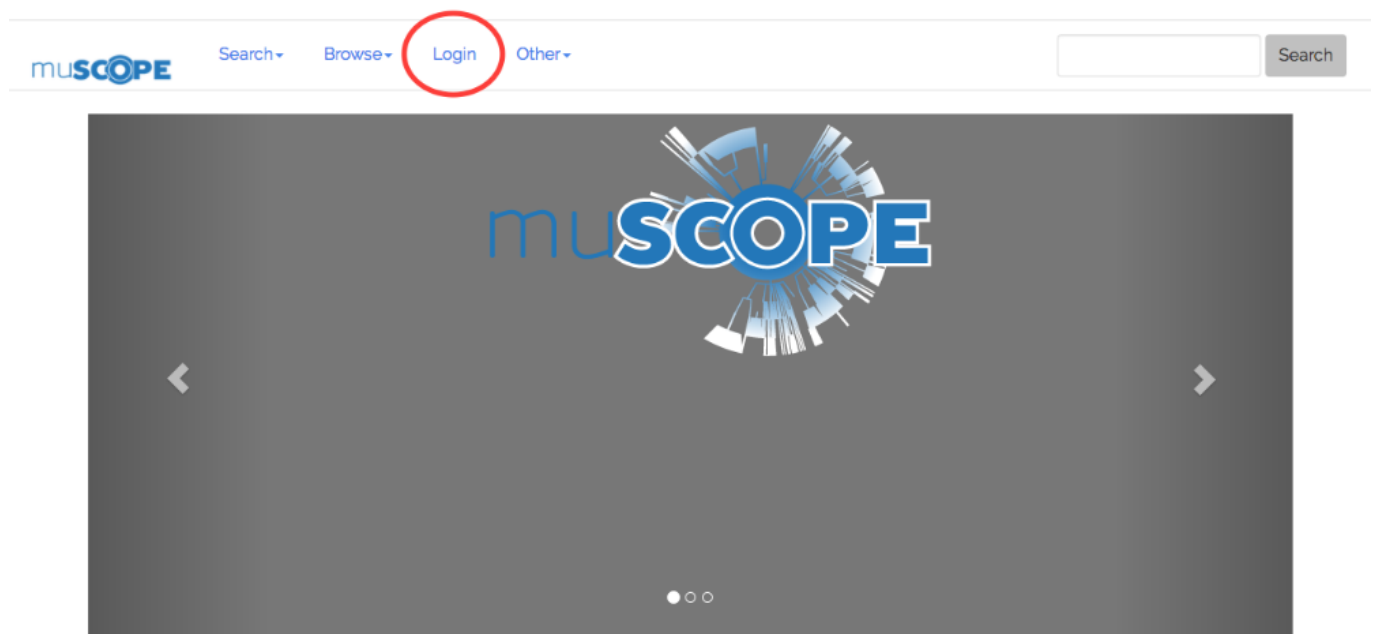
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Protocol

Go to <https://data.muscope.org>, click "Login"

Step 1.

You will need a "scope" password to login. Cf. Elisha Wood-Charlson.



Use your Cyverse credentials to log in

Step 2.



LOG IN TO CONTINUE

☐ Remember me on this computer

[Forgot Password](#) | [Log In Help](#) | [Platform Status](#)

Verify login

Step 3.

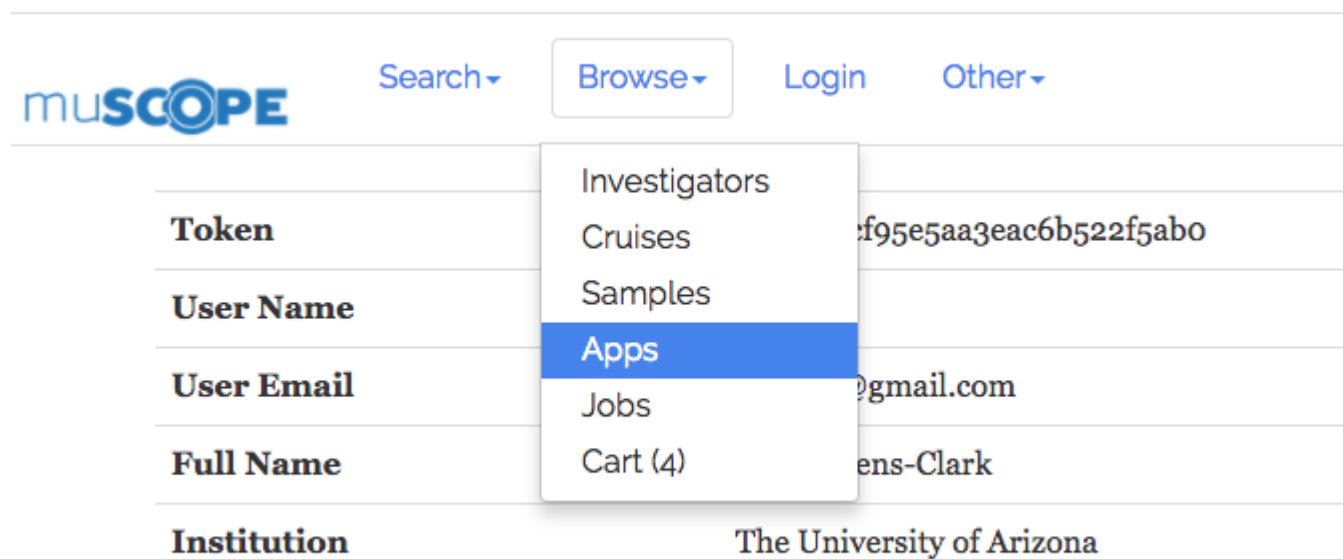
You will be taken back to the muSCOPE site with a login verification. The login token is good for 4 hours.

<div><div>muSCOPE</div><div>Search Browse Login Other</div><div><input type="text"/></div><div><input type="button" value="Search"/></div></div>	
Token	358edcf95e5aa3eac6b522f5abo
User Name	kyclark
User Email	kyclark@gmail.com
Full Name	Ken Youens-Clark
Institution	The University of Arizona

Choose "Browse -> Apps"

Step 4.

From the top "Browse" menu, click on "Apps"



Select the BLAST app.

Step 5.

As of this writing, the app is "muscope-blast-0.0.1." Click on that to run the app.

App List (5)

App	Protocol
muscope-mash-0.0.1	NA
muscope-blast-0.0.1	?
muscope-last-0.0.1	NA
muscope-blast-0.0.3	NA
muscope-blast-0.0.4	NA

Select your parameters

Step 6.

You can change the "job name" from the default to something more intuitive or meaningful. Select your input file using the "Cyverse" button to find a file that is currently in your Cyverse home directory. It's also possible to select files associated with samples in your cart, but that's not likely to be a proper input for BLAST. Alter the "percent identity" parameter if you wish. Click on "Run" to launch the app.

muSCOPE BLAST

App	muSCOPE-BLAST-0.0.1		
Description	BLAST for muSCOPE		
Help	http://genomebiology.biomedcentral.com/articles/10.1186/s13059-016-0997-x		
Protocol	?		
Tags	muscope, blast		
Job Name	<input type="text" value="muscope-blast-0.0.1-32"/>		
Inputs			
Input file(s)	<input type="text"/>	<input type="button" value="Cyverse"/>	<input type="button" value="Cart (4)"/>
Parameters			
Percent Identity	<input type="text" value=".98"/>		