Galaxy @ UGA

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http://qbcg.uga.edu/bbb-tutorials/
&
http://qbcg.uga.edu/galaxy-uga/

BROWN BAG BIOINFORMATICS
Accessing Galaxy

• URL [http://galaxy.qbcg.uga.edu](http://galaxy.qbcg.uga.edu)
  – Requires registration/login to access
    • Please use your official UGA email address
  – Access limited to users from within UGA network
  – Remote VPN users allowed
    • Visit [http://remote.uga.edu](http://remote.uga.edu) for info on VPN connection
    • Needs valid myid

• All jobs are run on the zcluster and stored there as well (GACRC maintained)
This Galaxy instance has been configured such that only users who are logged in may use it. If you don’t already have an account, you may register one.

Login

Email address: 

Password: 

Forgot password? Reset here

Login

Register
Create account

Email address:

Password:

Confirm password:

Public name:

Your public name is an identifier that will be used to generate addresses for information you share publicly. Public names must be at least four characters in length and contain only lower-case letters, numbers, and the ' - ' character.

Subscribe to mailing list:

See all Galaxy project mailing lists.

Submit
User limits

• Storage (Datasets in history) limited to 50GB
  – Determined by total available storage and users
  – Will be re-assesed at a later date

• Total number of concurrent jobs that will run is 5
  – More jobs submitted will be held in waiting
  – Assembly jobs limited to 1 and blast jobs to 2
Loading user data

• Use ftp to connect to galaxy.qbcg.uga.edu
  – Galaxy username (email address) and password
  – Import into history (from within galaxy website)
  – This will change over time
    • Ability to load data directly from zcluster
    • Secure FTP

• Import data using drag and drop
  – Drag and drop your data on to the webpage
  – Will only work for smaller datasets (*Less than 2GB*)
Getting help/feature request

• Use GACRC forums to ask for help and feature request
  – Post in the Galaxy sub-section
  – URL: https://forums.gacrc.uga.edu/
    • Requires registration/login to post
    • You can read the messages without login
  – I can add tools that are available in the Galaxy toolshed to our Galaxy instance
    • http://toolshed.g2.bx.psu.edu/
    • http://testtoolshed.g2.bx.psu.edu/
  – Add your genomes to Galaxy
Important links

- Galaxy@UGA: [http://galaxy.qbcg.uga.edu/](http://galaxy.qbcg.uga.edu/)
- Galaxy@UGA info: [http://qbcg.uga.edu/galaxy-uga/](http://qbcg.uga.edu/galaxy-uga/)
- UGA VPN: [http://remote.uga.edu](http://remote.uga.edu)
- GACRC Forums: [https://forums.gacrc.uga.edu/](https://forums.gacrc.uga.edu/)
- Galaxy toolshed: [http://toolshed.g2.bx.psu.edu/](http://toolshed.g2.bx.psu.edu/) and [http://testtoolshed.g2.bx.psu.edu/](http://testtoolshed.g2.bx.psu.edu/)
- FTP clients:
  - FileZilla ([https://filezilla-project.org/](https://filezilla-project.org/))
  - Cyberduck ([http://cyberduck.io/](http://cyberduck.io/))