

# Getting Started

## Objective

The objective of this exercise is to create an account on GENI-ACT so that you can begin your gene annotation work.

1. You will navigate to the GENI-ACT login page.
2. You will use your email address as a sign in name.
3. You will enter the key provided to you on your information sheet.
4. You will set a password.
5. You will login to GENI-ACT and navigate to your course homepage.

## Materials

To perform this activity you will need:

- The signup information sheet provided to you by your instructor.
- Access to the internet on a computer equipped with the most recent version of Firefox (Chrome or Safari can be used, but they may not have full functionality with GENI-ACT).

## Procedures

1. Navigate to the following link in your browser: <http://GENI-ACT.org>
2. You will then be at the GENI-ACT login page (Figure 1).
3. Click on the Signup link (arrow in Figure 1).
4. You will then be at the Registration Page (Figure 2).
  - 4.1. Fill in the information requested
  - 4.2. Use the course token provided to you on your startup information sheet.
  - 4.3. Be sure to write down your password on your startup information sheet.
  - 4.4. Click the register button at the bottom of the page to complete the registration.

## [ ] geni-act

GENI-ACT allows collaborative genome annotation. Researchers or students can collectively suggest changes to an existing genome with supporting evidence. Changes can be ported back to genbank by exporting to a sequin file format.

GENI-ACT also has ported the education components from IMG-ACT. Teachers can assign students work to be completed in a lab notebook that is integrated with the classroom.

2506 genomes available

Sign Up

Login

Browse Genomes

Figure 1. The GENI-ACT login page. The arrow points to the Signup hyperlink that first time users must click on to set up their account.

## [ ] geni-act

geni-act :: register

Sign up for an account below. If you are a student in a class, make sure to enter the class-id.

First Name:   
Last Name:   
Email:   
Password:   
Password Confirm:   
Class Token:

Register

Accounts with a valid class-id are created immediately. Otherwise the account is made as a non-privileged user until validated by an administrator.

Figure 2. The GENI-ACT course registration page.

Record the email address and password you chose below, as you will need them each time you log in to GENI-ACT:

Email Address: \_\_\_\_\_

Password: \_\_\_\_\_

6. Go to <http://GENI-ACT.org> to return to the GENI-ACT login page.
  - click login
  - enter your email address and password
  - you will be taken to your GENI-ACT homepage, where you will see a list of your gene assignments to work on (Figure 3).
  - In the example in Figure 3, the course name is MT447/547 - Introduction to Microbial Genome Annotation. **Your course title will be different.** You will see an assignment in which you are a part of a student team with multiple members (minimally the team will be yourself, your teacher and one of the UB facilitator faculty).
  - When you initially log in you may not see any assignments listed. Don't worry as you have to be registered for the course in order for your instructor to assign genes to you. Once your instructor sees that you have registered for the course, he/she will make gene assignments to you.

### MT447/547 - Introduction to Microbial Genome Annotation

Info

**Instructor:** Stephen Koury (stvkoury@buffalo.edu)  
**School:** University at Buffalo  
**Period:** Spring 2014  
**Write Access Date:** Not specified.  
**Course End Date:** Not specified.

#### Isolate Genome Gene Annotation Assignments

Assignment

Team

Test

Test team 1

Figure 3. Appearance of a GENI-ACT assignment homepage for a student.