How to upload large files to your Maverix account

Upload option 1: Use the Maverix website

- Best for less than 10GB of files
- Best when your files are already on your computer, not a remote server.
- Doesn't require any additional setup
- Instructions are here:

http://www.maverixbio.com/wp-content/uploads/2016/03/UploadingFilesFromYourComputerUsingTheMaverixWebsite.pdf

Upload option 2: upload directly to your Maverix account on Amazon's S3 storage

- Larger batches of files are easiest to upload directly to Amazon's S3 storage, using a GUI client or a command line tool
- Best for more than 10GB of files
- Best when your files are on a remote server
- If files are local, you can GUI client
- If files are on a computer you can run terminal commands, you can usually use a command line tool to send them to Maverix without copying them to your computer

Get S3 credentials from account settings page

Maverix WAVES™ Platform

⚙ **SETTINGS** [99 Lives] **Holly Beale**

Maverix
B I O M I C S

Account Settings
Change Password

Account Name: 99 Lives
Account Type: Commercial
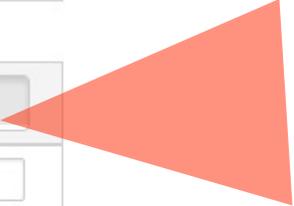**Credit Balance:** N/A (Trial)

Invite a User
(email address) | Invite

Manage User Roles

Notifications

Email: | Off

AWS S3 Upload Information: | 👁

Access Key ID: | ·················
Secret Key: | ···························
Upload Path: | ···································

Maverix
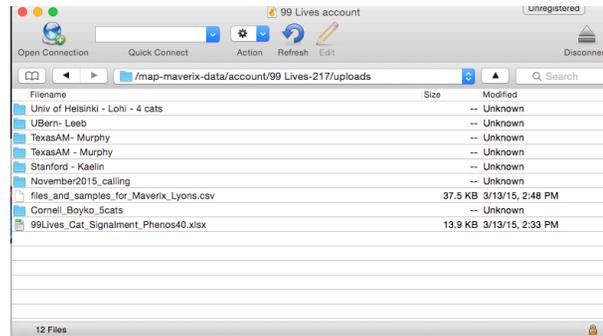B I O M I C S

Select an S3 tool

- AWS Command Line Interface (CLI)
  - Requires your files to be on a server you can run terminal commands on or on your local computer

- Cyberduck
  - Mac only GUI client
  - Drag and drop
  - Best when your files are already on your own computer (not a server)

- Others

Preparing the AWS Command Line Interface

- Installation instructions for the tool
  - http://docs.aws.amazon.com/cli/latest/ userguide/installing.html
- Configure with your credentials
  - Type the command "aws configure", which will prompt you for credentials. If it does not prompt you for your credentials then the installation was not successful. After entering your credentials if you type "aws configure" again this will confirm your entries have been saved correctly.

Uploading with the AWS CLI

- To upload all files from the current directory to S3

  aws s3 sync . "s3://map-maverix-data/account/my-account-001/uploads/

  (replace "my-account-001" with your account from the upload path you from the settings page)

- To upload a single file from the current directory to S3

  aws s3 sync myFile.fastq.gz "s3://map-maverix-data/account/my-account-001/uploads/

  (again, replace "my-account-001")