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RNA-seq Bioinformatics

Introduction to bioinformatics for RNA sequence analysis

AWS Setup

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7-vii. Amazon AWS/AMI setup for use in workshop

This tutorial explains how Amazon cloud instances were configured for the course. This exercise is not to be completed by the students but is provided as a reference for future course developers that wish to conduct their hands on exercises on Amazon AWS.

Create AWS account

A helpful tutorial can be found here: https://rnabio.org/module-00-setup/0000/04/01/Intro_to_AWS/

1. Create a new gmail account to use for the course
2. Use the above email account to set up a new AWS/Amazon user account. Note: Any AWS account needs to be linked to an actual person and credit card account.
3. Optional - Set up an IAM account. Give this account full EC2 but no other permissions. This provides an account that can be shared with other instructors but does not have access to billing and other root account privileges.
4. Request limit increase for limit types you will be using. You need to be able to spin up at