Cheat sheet for uploading your DIPnet data to the NCBI Short Read Archive (SRA)

After submitting your metadata to DIPnet two files will be produced the bioSample-attributes.tsv and the sra-metadata.tsv files and you will be directed to SRA to upload your data. There are several steps but the creation of those two files will streamline the process significantly!

If you don't already have a NCBI account you will need to create one. If you do have an account then sign in using the tab at the top right corner of page.

After you sign in start a new submission

Step 1: Submitter
   Enter your personal information

Step 2: General Info
   You will be asked two important questions here:

   1. Did you already register a BioProject for this data set?
   2. Did you already register BioSamples for this data set?

   In the majority of cases the answer to both questions will be

   NO

   The following instructions are based on the user answering "NO" to both of the above questions.

Step 3: Project Info
   Fill in project information. For example:
        Project Title: Acanthurus_reversus_RADSeq_data
        Project Description: RADSeq data for the reef fish Acanthurus reversus
        Relevance: Evolution
        Is your project part of a larger initiative that is already registered with NCBI?
            Most likely No
       External links: Add if relevant
       Select your grants: If relevant

Step 4: Biosample type
   Here you choose your sample type. Most DIPnet members will check either "Invertebrates" OR "Model organism or animal sample" for vertebrates.

Step 5: Biosample attributes
   Upload the bioSample-attributes file (.tsv) produced by GeOMe

Step 6: SRA metadata
   Check the Upload a file option and ppload the sra-metadata file (.tsv) produced by GeOMe

Step 7: Files
   Follow the directions on SRA and upload your files. You will be asked to download the latest version of Aspera Connect. This will speed upload tremendously. Once Aspera is installed go directly to the Choose Files option, choose your zipped folder, and Aspera will automatically open.

Step 8: Overview
  Submit!