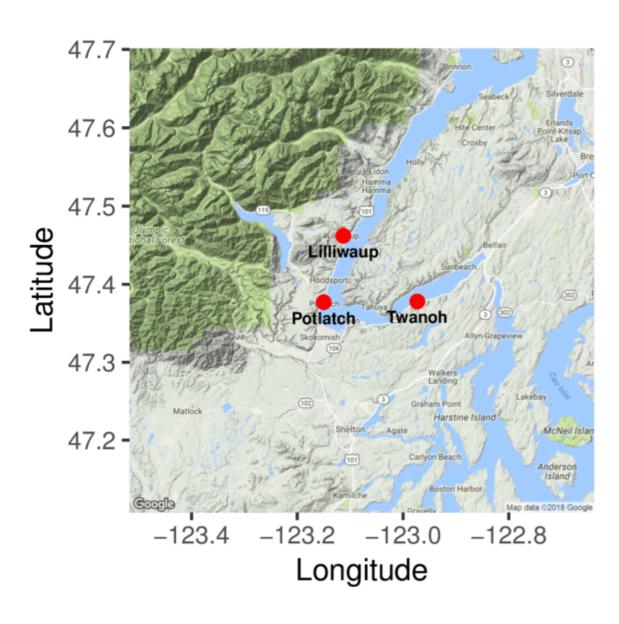
# ANALYSIS OF EDNA WATER SAMPLES FROM INTERTIDAL REGIONS OF THE HOOD CANAL

**KELLY CRIBARI** 

FISH 546: BIOINFORMATICS



## **OVERALL STUDY**

- Differentiate marine communities between areas
- Investigate whether communities changes with tides

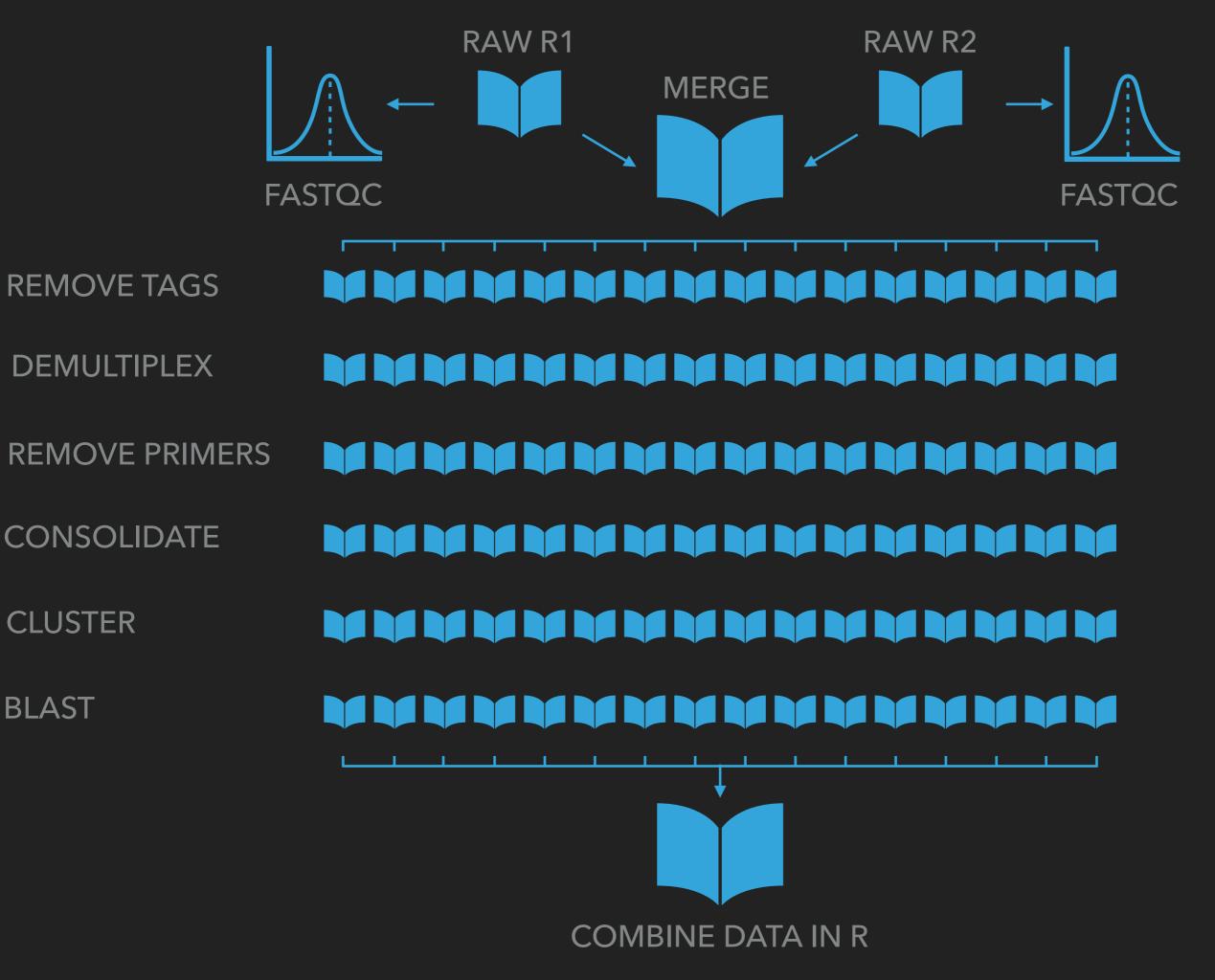
# WHAT ARE THE MOST ABUNDANT TAXA FOUND USING ENVIRONMENTAL DNA COLLECTED FROM THREE STATE PARKS ALONG THE HOOD CANAL?

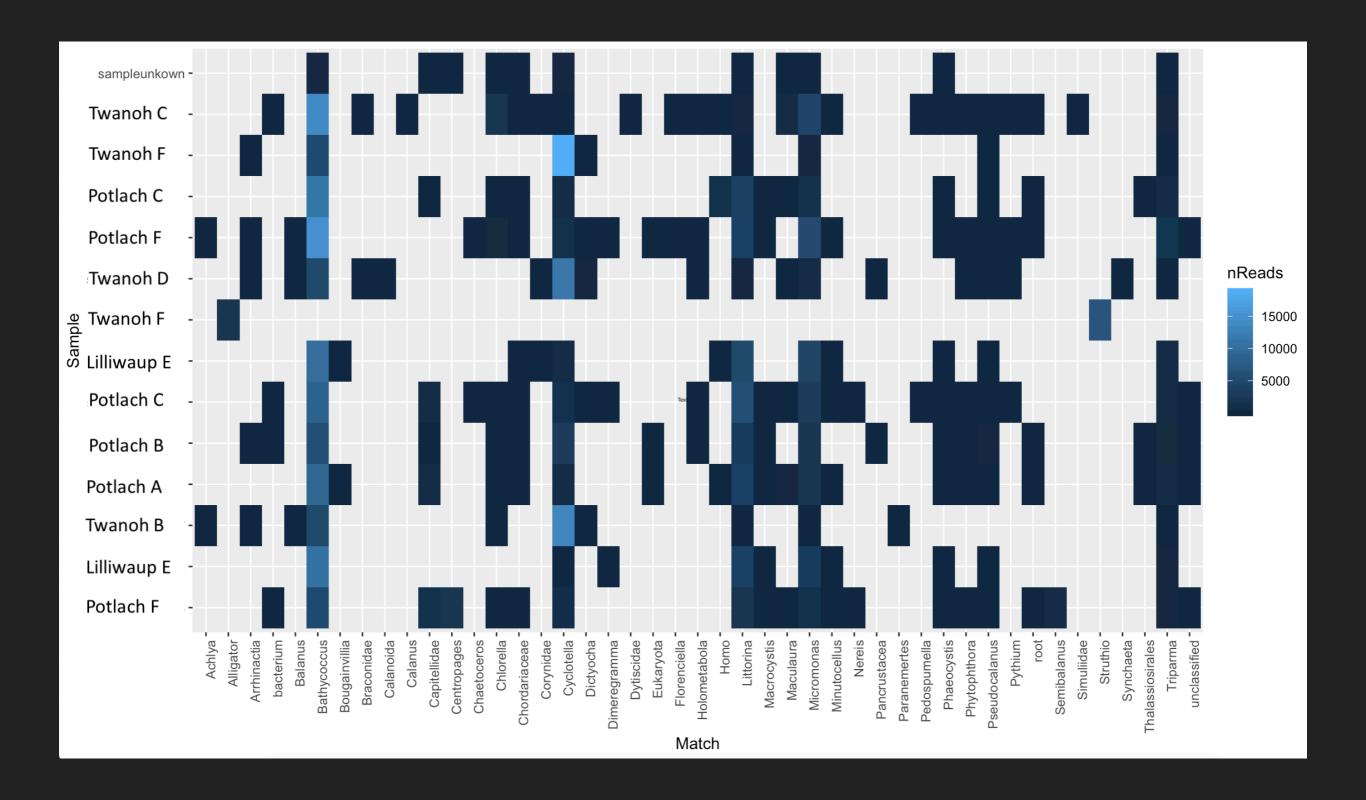
QUESTION

UNIQUE TAG CO1 TARGET SEQUENCE:330

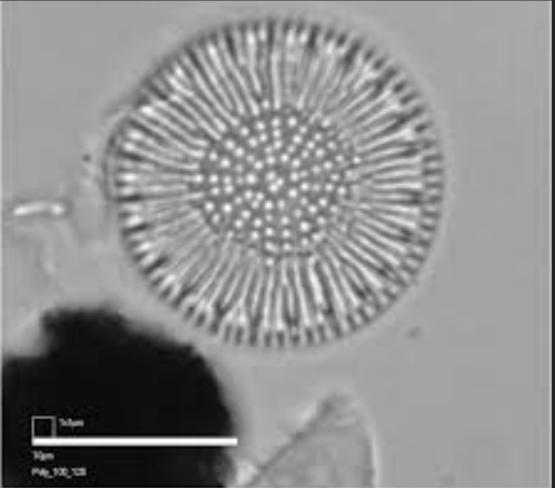
**UNIQUE TAG** 

F PRIMER R PRIMER





















### **NEXT STEPS**

#### **IMMEDIATE:**

Edit the pipeline to include reverse complemented data



#### **FUTURE:**

- Repeat the entire process with the remaining 5 libraries of sequencing data
- Combine data sets and map distribution of species on a spatial scale

