Map module

Name job (f.ex. map)

Create general job file & folder

Iterate through samples

Create individual job file

Copy xsub header

Write code to interm file

Keep track of job names

Manage job dependencies

Submit jobs

Steps that require changes for each new module

./scripts/map

IterateSH.sh

ChIPpip.sh

#!/bin/bash
PATH=$PATH:/home/schorder/NEAT/ChIPpip/EXAMPLE/scripts
# Iteration loop
for i in $(seq 1 10); do
    # Iterate through samples
    /scripts/map/sub -a /home/schorder/NEAT/ChIPpip/EXAMPLE/scripts/iterate/sub  
    # ChIPpip script
    /home/schorder/NEAT/ChIPpip/EXAMPLE/scripts/ChIPpip.sh
done

# Iteration loop
for i in $(seq 1 10); do
    # Iterate through samples
    /scripts/map/sub -a /home/schorder/NEAT/ChIPpip/EXAMPLE/scripts/iterate/sub  
    # ChIPpip script
    /home/schorder/NEAT/ChIPpip/EXAMPLE/scripts/ChIPpip.sh
done

# Create individual job file
<sample_name>_<Job_name>.sh

# Copy xsub header
./scripts/map
<sample_name>_<Job_name>.sh

# Write code to interm file
IterateSH.sh

# Keep track of job names
ChIPpip.sh

# Iterate through samples
IterateSH.sh

# Manage job dependencies
ChIPpip.sh

# Submit jobs