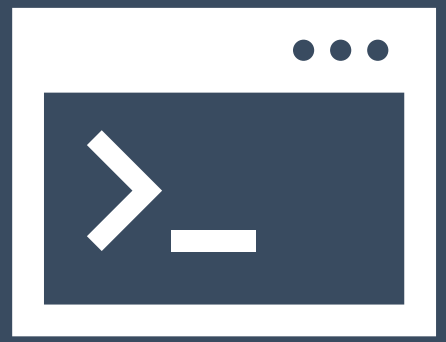
Current Topics in Bioinformatics

https://hbctraining.github.io/Training-modules/



Harvard Chan Bioinformatics Core

HBC training team: hbctraining@hsph.harvard.edu
HBC consulting: bioinformatics@hsph.harvard.edu

HARVARD MEDICAL SCHOOL

DF/HCC
DANA-FARBER / HARVARD CANCER CENTER

HARVARD T.H. CHAN SCHOOL OF PUBLIC HEALTH

Training

- **Basic Data Skills**
  - Shell
  - R
- **Advanced Topics: Analysis of high-throughput sequencing data**
  - Chromatin Biology
  - Bulk RNA-seq
  - Differential Gene Expression
  - scRNA-seq
  - Variant Calling
- **Current Topics in Bioinformatics**

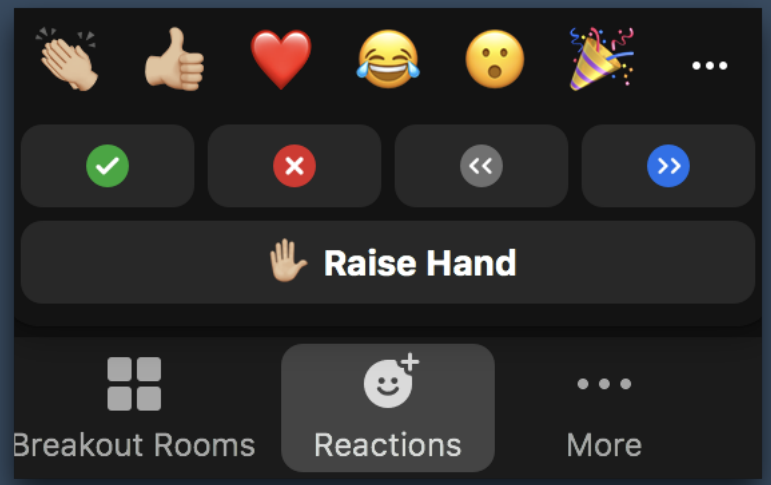
Consulting

- **Transcriptomics:** RNA-seq, small RNA-seq, scRNA-seq
- **Epigenetics:** ChIP-seq, genome wide methylation, ATAC-seq
- **DNA Variation:** WGS, resequencing, exome-seq, CNV studies
- **Functional enrichment analysis**
- **Experimental design help**
- **Grant support**

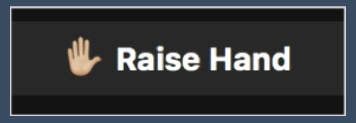
https://bioinformatics.sph.harvard.edu/

Odds & Ends

- Quit/minimize all applications that are not required for class
- Are you all set?
  - = "agree", "I'm all set"
  - = "disagree", "I need help"



Odds & Ends

- Questions for the presenter?
  - Post the question in the Chat window OR
  - 

 when the presenter asks for questions
  - Let the Moderator know
- Technical difficulties with software?
  - Start a private chat with the Troubleshooter with a description of the problem

Exit survey

http://tinyurl.com/hbc-modules