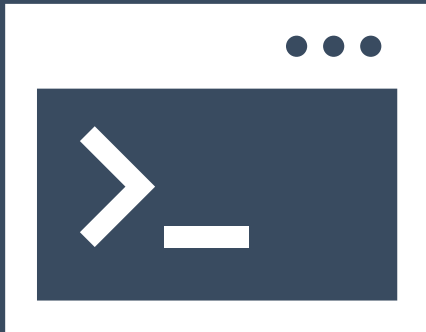


Current Topics in Bioinformatics

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



Harvard Chan Bioinformatics Core

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



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**

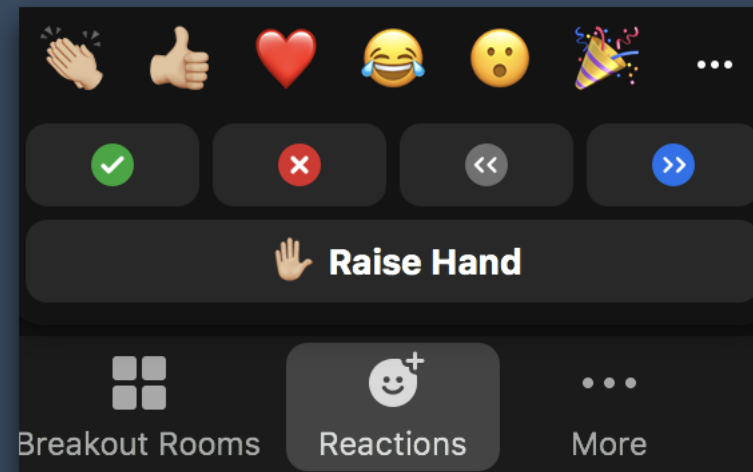
Odds & Ends

❖ 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

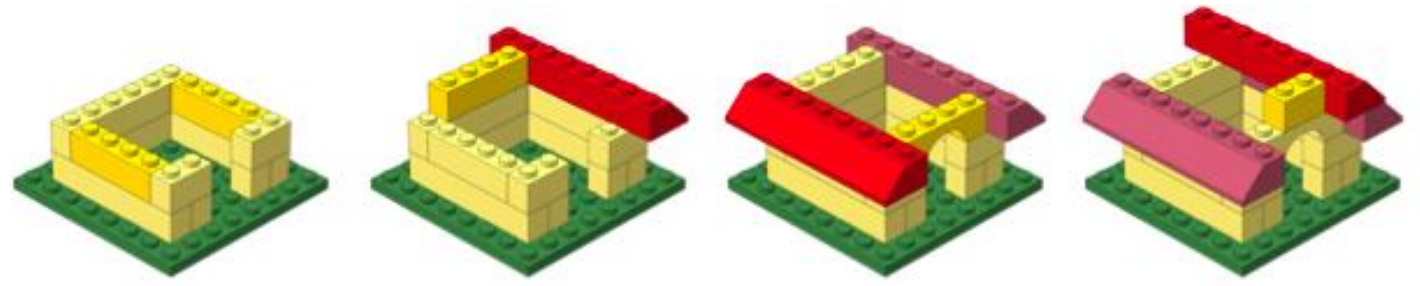
❖ Technical difficulties with software?

- ❖ Start a private chat with the Troubleshooter with a description of the problem

Exit survey

<http://tinyurl.com/hbc-modules>

Keep building!



Module	Pre-requisite	Date	Time
Needle in a Haystack	Foundations in Shell	10/15/25	1-4pm
Tips and Tricks for the O2 Cluster	Foundations in Shell	11/19/25	1-4pm

<https://hsph.harvard.edu/research/bioinformatics/training/training-schedule/>

Join us for HBC Community Breakfast!

- ❖ An opportunity to get to know others in the community
- ❖ Free food and beverages
- ❖ Great conversations
- ❖ Thursday, October 30th
 - ❖ 9:30-11am
- ❖ Raffle for free workshop

