Current Topics in Bioinformatics

presented by the

Harvard Chan Bioinformatics Core

Workshop materials:

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

HBC training team: hbctraining@hsph.harvard.edu

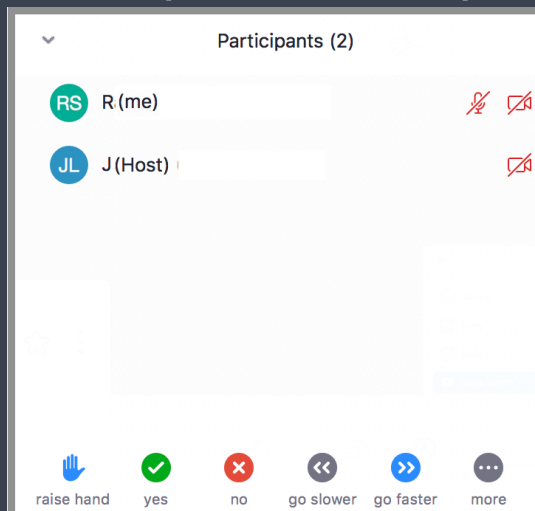*HBC consulting:* bioinformatics@hsph.harvard.edu

Training

- **Basic Data Skills**
  - Introduction to **command line** (Unix) and **high-performance computing**
  - Introduction to **R**
- **Advanced Analyses of NGS Data**
  - Bulk RNA-seq
  - Single-cell RNA-seq
  - ChIP-seq
- Monthly, short workshops on various bioinformatics topics

Consulting

- **Transcriptomics:** RNA-seq, small RNA-seq, scRNA-Seq
- **Epigenetics:** ChIP-seq, genome-wide methylation, ATAC-Seq
- **DNA Variation:** WGS, resequencing, exome-seq and CNV studies
- **Functional enrichment** analysis
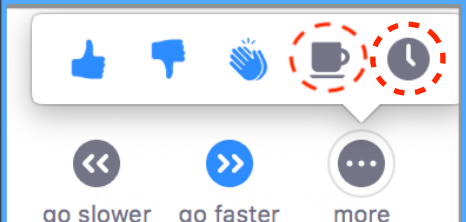- **Exp. design help** & **grant support**

http://bioinformatics.sph.harvard.edu/

Odds and Ends (1/2)

- Quit/minimize all applications that are not required for class

- Click on "Participants" to open that panel in Zoom

‣ = "agree", "I'm all set" (equivalent to a green post-it)

‣ = "disagree", "I need help" (equivalent to a red post-it)

‣ If you are away from the computer use the coffee cup or clock icon

Odds and Ends (2/2)

✤ Questions for the presenter?

  - Raise your hand ✋ raise hand or post in the chat window to Moderator

✤ Technical difficulties?

  - Open the chat window and start a chat with the host/Troubleshooter with a description of the problem.

Upcoming HBC workshop & events

Upcoming workshops:

http://bioinformatics.sph.harvard.edu/training/