

NGS - quality control, alignment, visualisation

Geert van Geest
Interfaculty Bioinformatics Unit, UniBe
Training group, SIB

Course etiquette



Video on when possible



Mute when not speaking

Use your **first** and **last** name as your Zoom ID
Right-click on yourself > Rename..

Trainers/organisers

- **Gregoire Rossier:** Training coordinator at SIB
- **Frédéric Burdet:** Bioinformatician at SIB
- **Marion Nyamari:** PhD candidate at UNIL
- **Geert van Geest:** Trainer at SIB/bioinformatician at IBU Bern

Learning outcomes

- Understand the **basics** of the different NGS **technologies**
- Perform **quality control** for better downstream analysis
- **Align** reads to a **reference** genome
- **Visualize** the output

Learning experiences

- Lectures
- Polls + Quiz questions
- Exercises

Poll

- Question 1-3

Communication

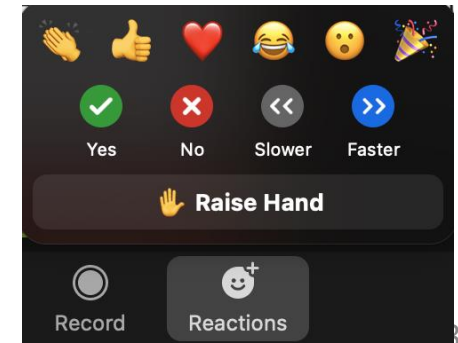
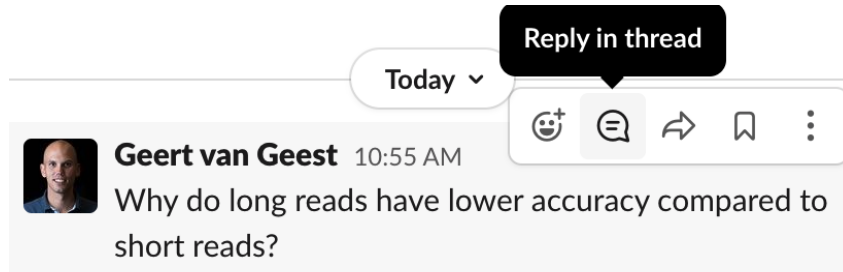
- Course website:

<https://sib-swiss.github.io/NGS-introduction-training/>

- Google doc
- Slack

Asking questions

- During lectures: zoom functionality.
The Zoom chat will be ignored!
- During exercises: [#q-and-a](#) on slack



Get to know each other

- Introduction round