# NGS - quality control, alignment, visualisation

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# 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
- Quiz questions
- Exercises
- Miniproject

# Communication

- Course website:

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

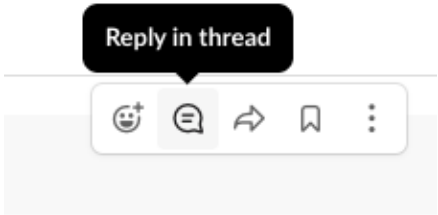
- Slack

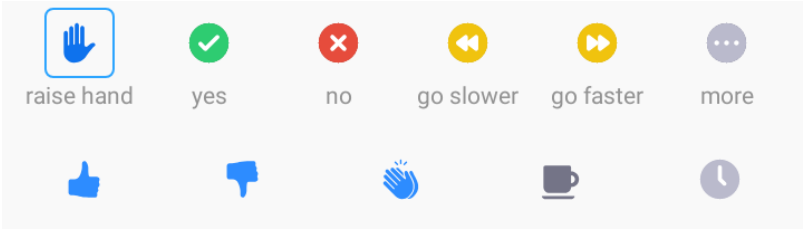
https://join.slack.com/t/ngsqualitycon-c8g5456/shared_invite/zt-hwth7xrb-vYpga8sUye_7Ij9x6OkyKA

- Google docs

# Asking questions

- During lectures: zoom functionality
- Personal interest questions: #background
- During exercises:
  - #peer_q_and_a on slack
  - if really stuck: no button in zoom
  - if finished: yes button in zoom



# Get to know each other

- Write in the google doc (5 minutes):
  - Three keywords about yourself
  - Why you are joining this course, and what you want to learn
- You will discuss them in breakout rooms afterwards (10 minutes)