

# NGS - variant analysis

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# Organization/Teachers

- **Grégoire Rossier:** Coordination
- **Geert van Geest:** trainer at SIB/bioinformatician at IBU Bern

# Learning outcomes

- Understand important **aspects** of **NGS** and read **alignment** for variant analysis
- **Perform** a read **alignment** ready for variant analysis
- **Perform variant calling** according to **GATK** best practices
- **Perform** a variant **annotation**

# Learning experiences

- Lectures
- Quiz questions
- Exercises

# Questions

# Communication

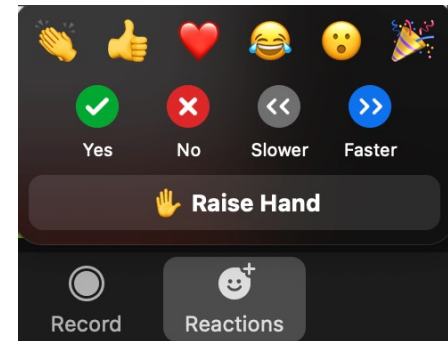
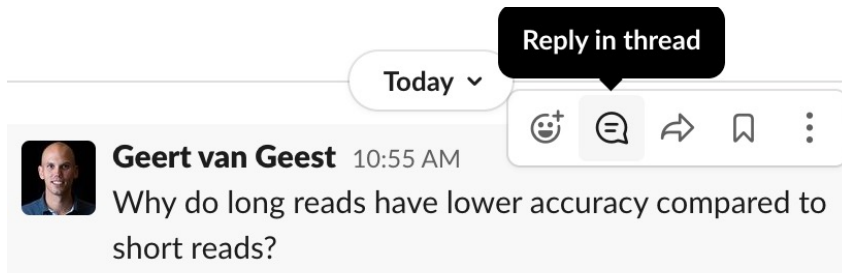
- Course website:

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

- Slack
- Google docs

# Asking questions

- During lectures: zoom functionality
- During exercises: [#questions](#) on slack



# Lectures will be recorded

- Voices during lectures will be recorded
- Faces and names will not
- Will be (likely) on YouTube
- No promises regarding date of publication
- **Please remind me if I forget!**

