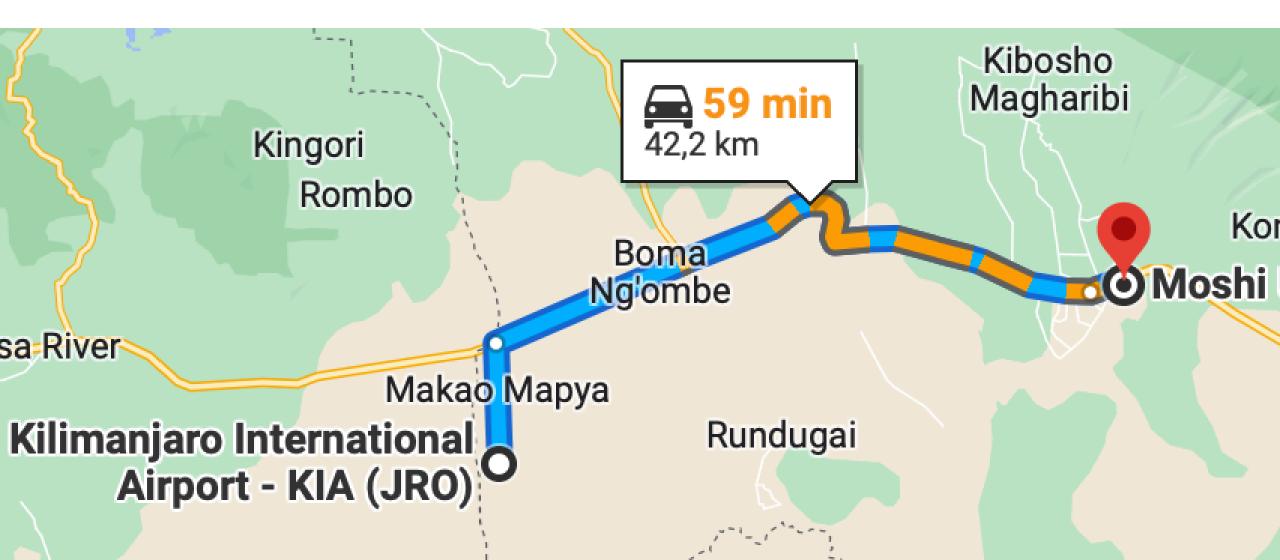


Trip overview (11-26 Feb) **Extra thorough PCR** Arrive late night Moshi • 11. Weekend Prenare for trin. start sequencing • 12-15. Total of 2900km • 16. • 17. • 18-19. Mwanza site Weekend 58h Off to Tabor • 20. Tabora site • 21-22. **30th birthday** Transit to Sigida • 22. Back to Moshi • 23. Round up • 24-25. Weekend • 26. Back to Denmark

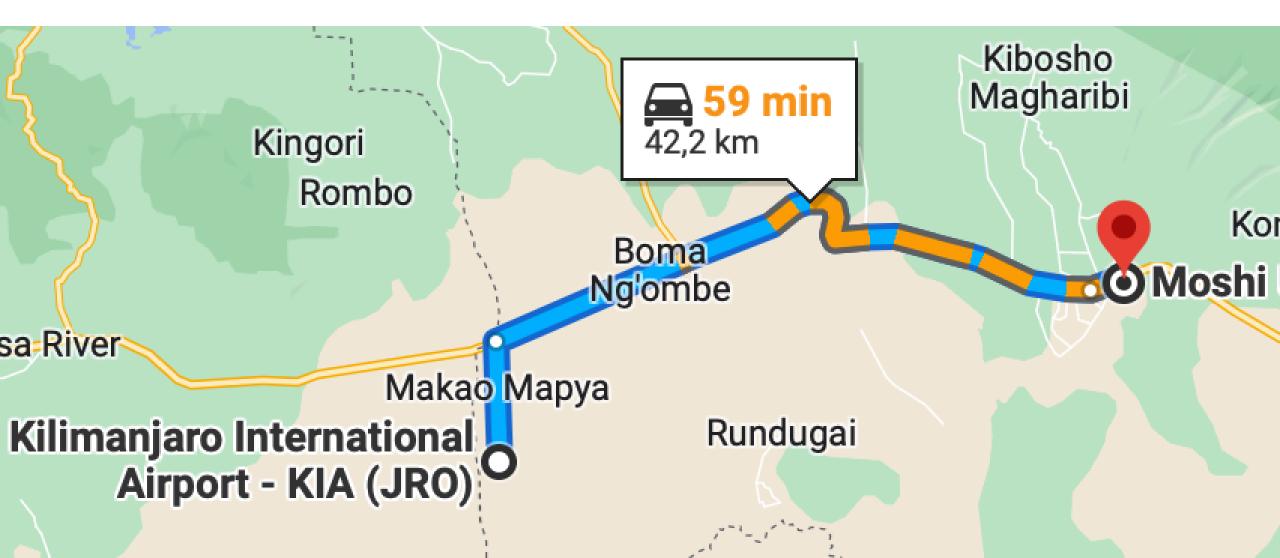
Prepare for the trip

EXAMPLE CUSTODY

Back to the airport



Back to the airport, again

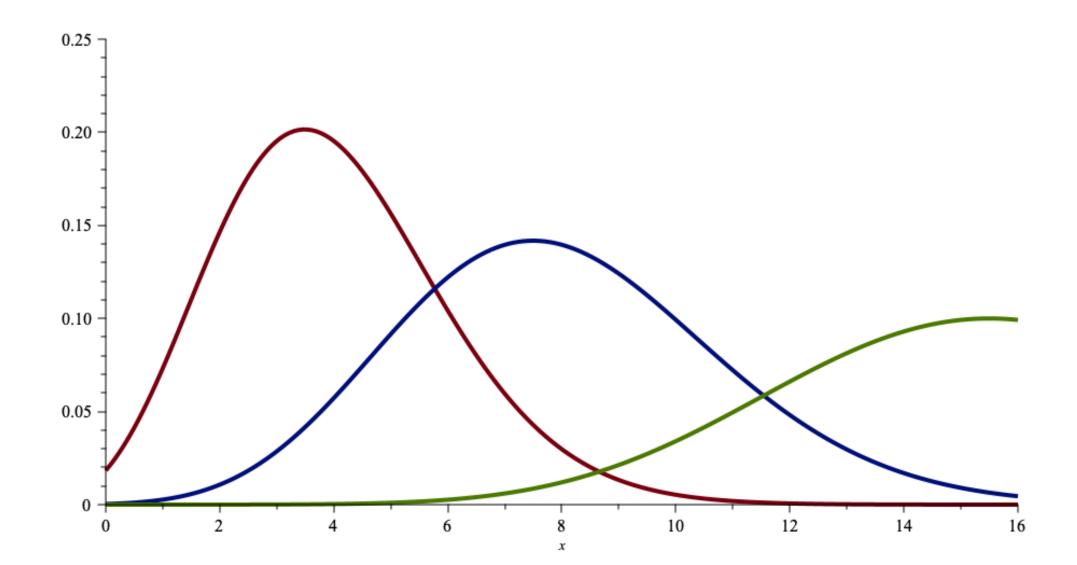




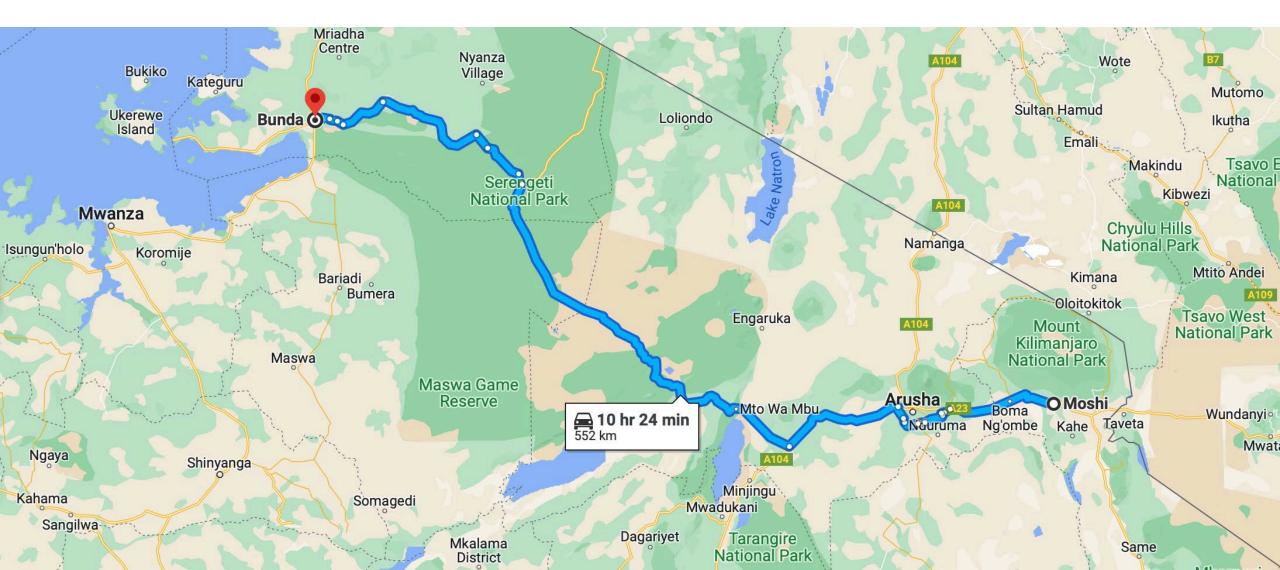
Murphy's law

- As strong as the law of Jante
- The wrong isolates were sequenced
- The field laptop was not ready
- Malte fell sick

PFP: Problems Follows Poisson



Off to Bunda



At the edge of Ngorongoro



Meanwhile in Moshi



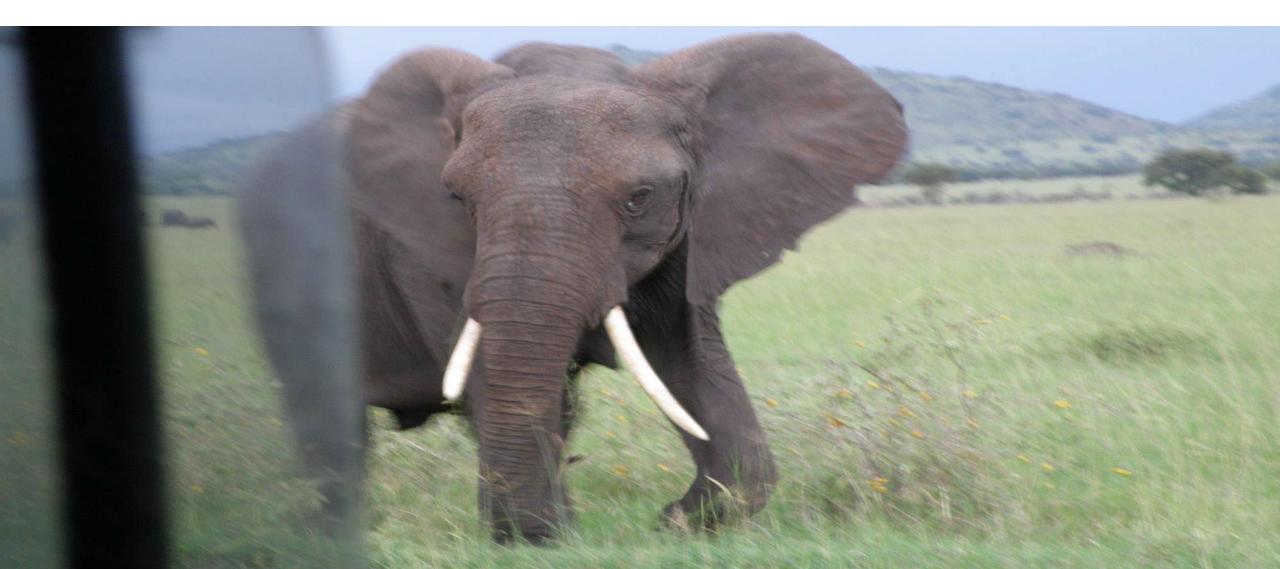
Serengeti roadblock



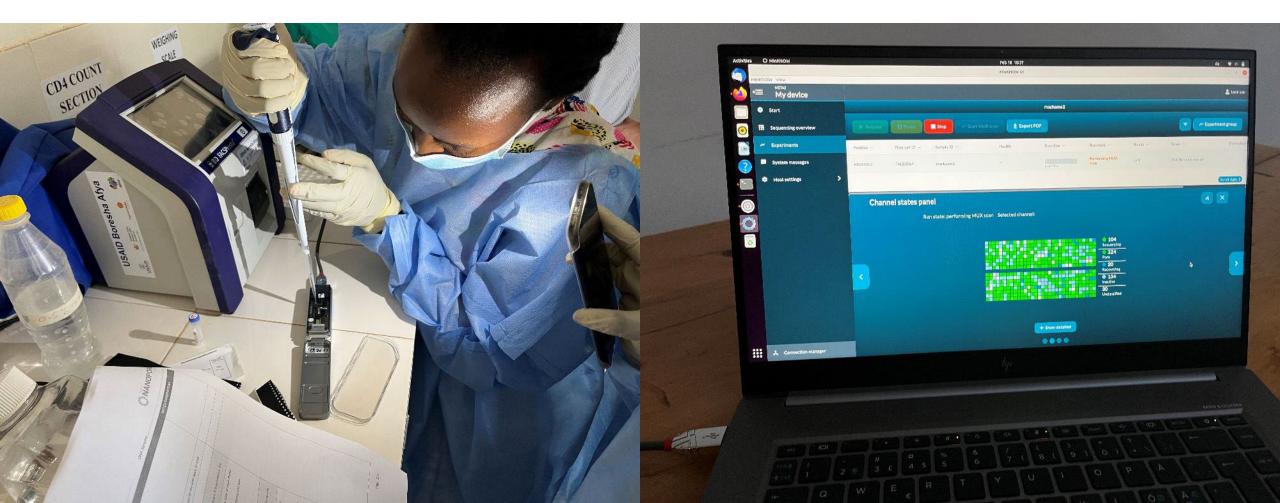
Meanwhile in Machame



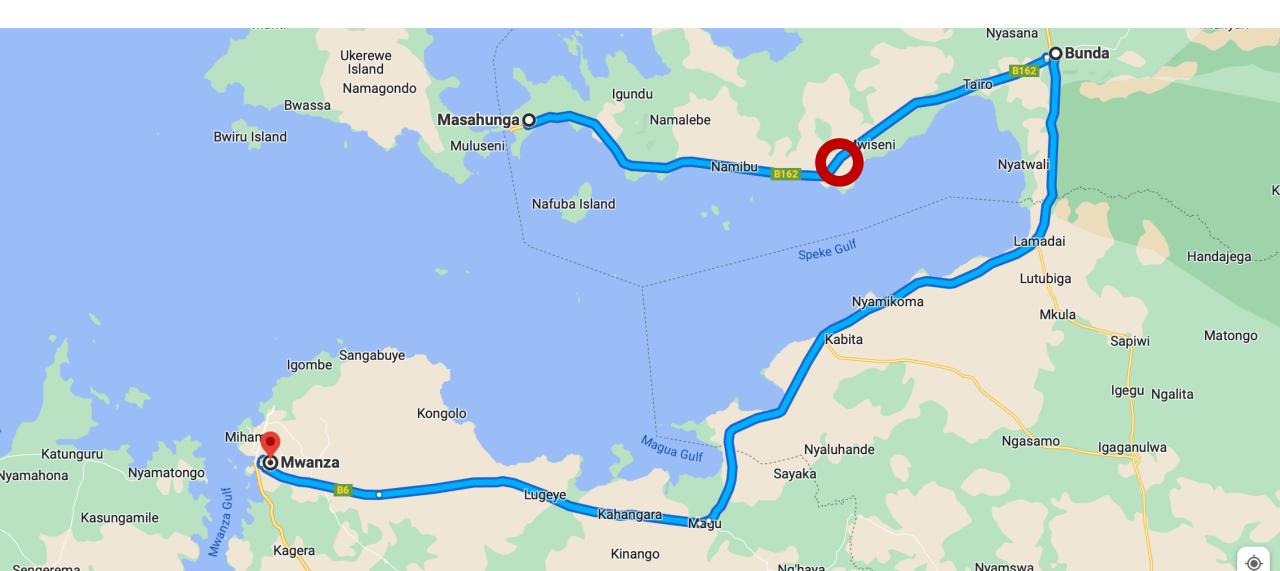
Road rage in Serengeti



Meanwhile in Machame

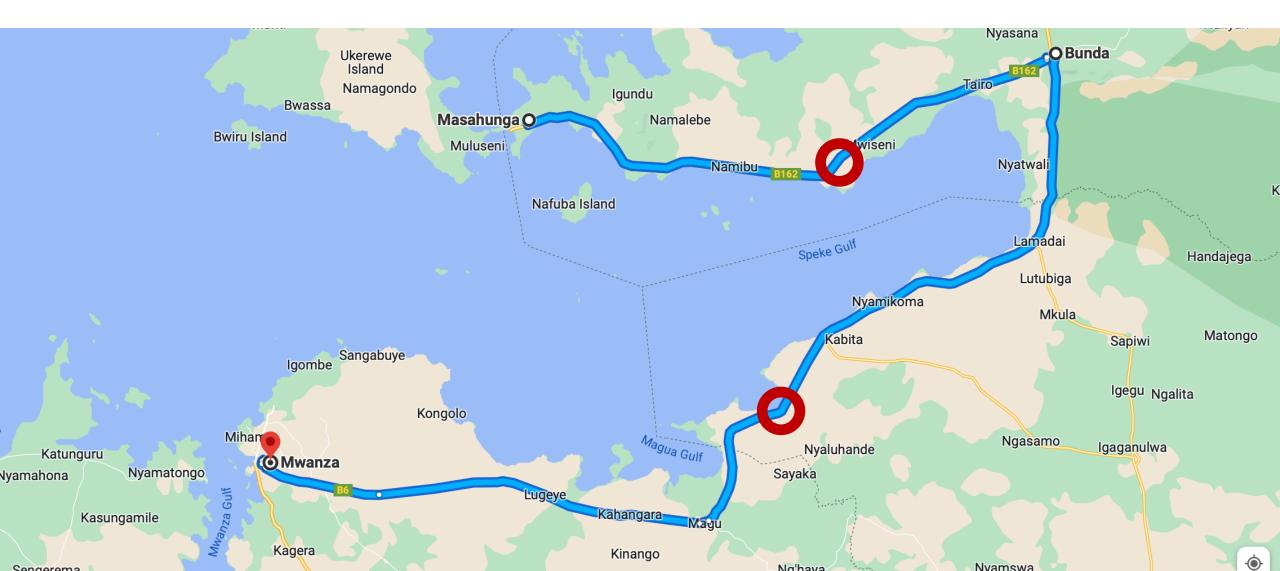


Field Sequencing to Mwanza





Field Sequencing to Mwanza





Small Sukuma village near Victoria

- Household usage
- Washing cooking utensils
- Washing clothes
- Bathing
- Domestic animals
- Wild birds, dragons and crocodiles
- Defecation at hidden spots



Setting up the lab









Getting close, but remember Murphy's law

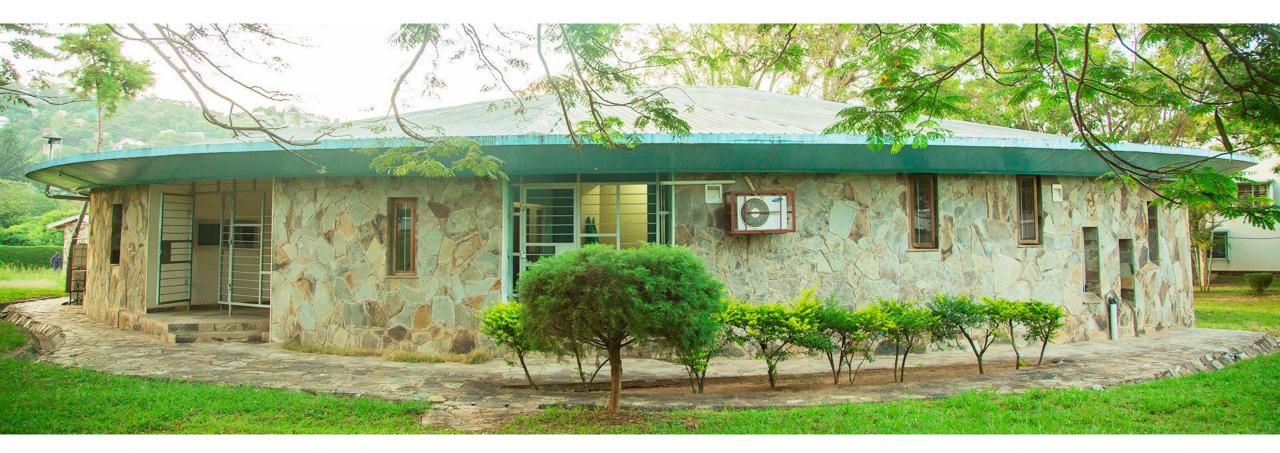




A bit boring, but as expected

- A bunch of algae and plankton specific bacteria
- Some Corynebacterium
- Low levels of more or less all fecal matter associated bacteria

Visit Mwanza site



Prepared and engaging

- Had samples ready
- Already isolated DNA
- A vaginal swab of particular interest
- Expected to be Neisseria gonorrhoeae

Meanwhile at lake Eyasi



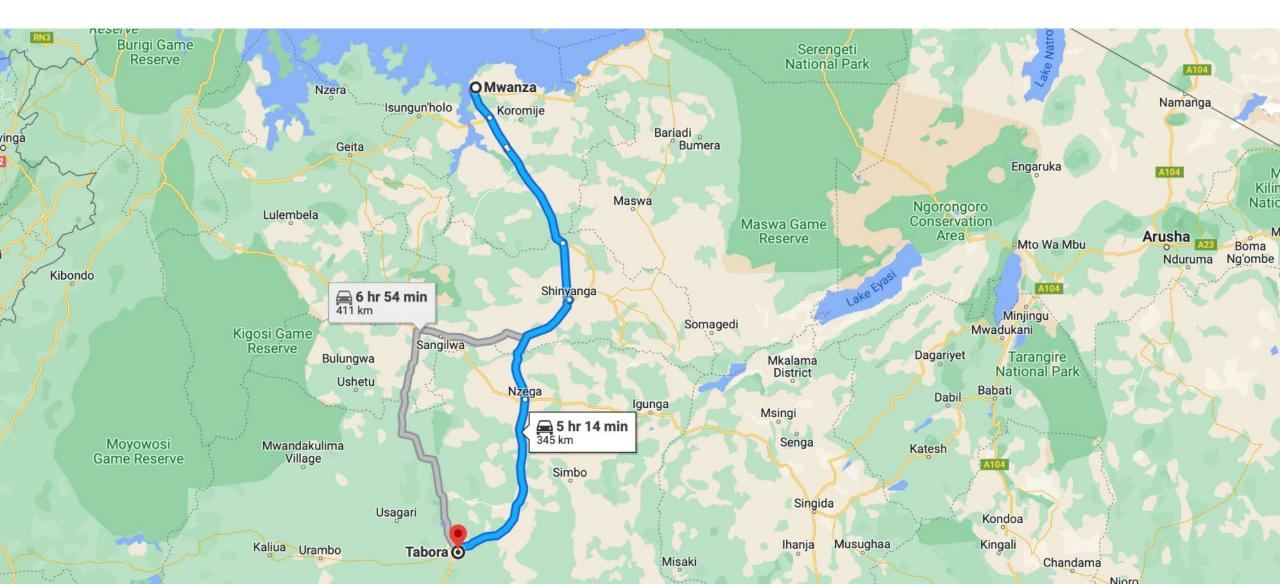
You can't cheat Murphy



Back to Mwanza

- No N. gonorrhoeae
- No Y chromosome
- Two strains of Lactobacillus and one Gardnerella
- Chlamydia trachomatis

Off to Tabora



Meningitis cases

- •16 (large) meningitis samples
- Putative outbreak
- One culture positive with Streptococcus pneumoniae





Update from the lab

- Very little DNA
- Remember Murphy
- Group 2 left the AMPure beads in Moshi
- The very same AMPure beads we were not rationed

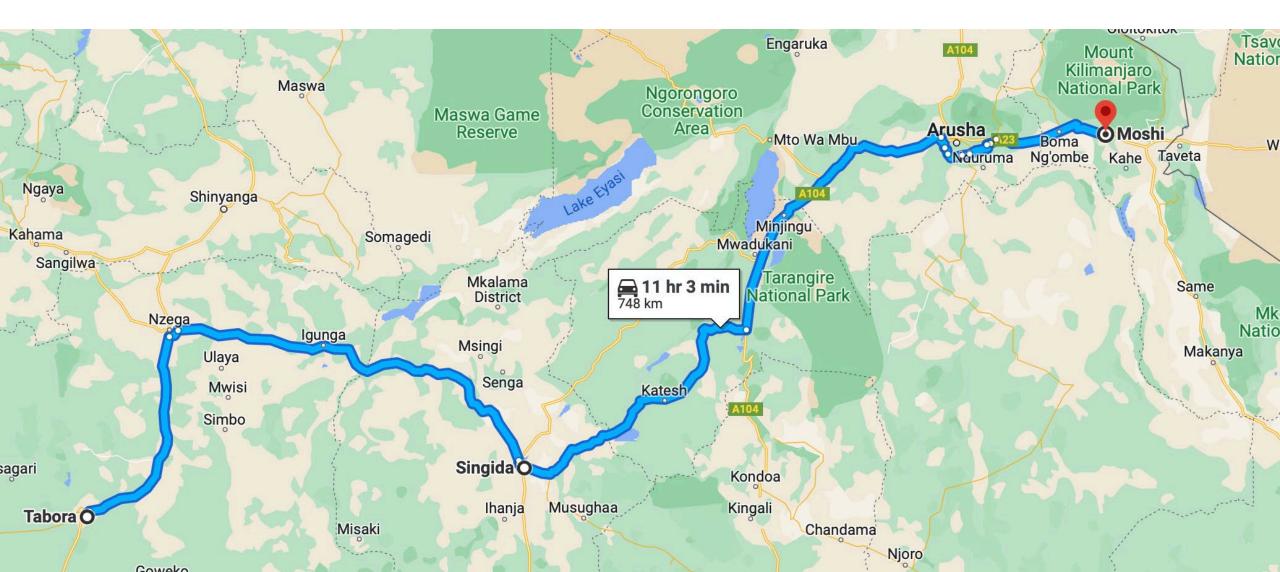


Short reads and humans

- Lots of human DNA
- Streptococcus pneumoniae
- (Neisseria sicca)



Back to Moshi through Singida



Democratic Republic of the Congo Kampala Nairobi Mwanza Burundi Tabora OSingida

Tanzania Dar es Salaam