

Summary of tutorial hands-on tasks

- Day 1 session 1: NGS I
 - Introduction to using Terminals and Programs (Sebastian)
 - FASTQ to Consensus Sequence (Vithia)
 - 2 Illumina Paired End examples
 - 1 IonTorrent Single End example
- Day 1 session 2: GISAID
 - GISAID Introduction, Searching, Downloading (Naomi)
 - GISAID Applications: Worksets, BLAST, Alignment, FluSurver (Catherine)
 - GISAID Upload: Single and Batch (Becky)
- Day 1 session 3: nextflu
 - Phylogenetic trees, visualization in nextflu (Richard)
- Day 2 session 1: FluSurver
 - Antiviral resistance: Finding Tamiflu and new Baloxavir susceptibility mutations (Sebastian)
 - Antigenic drift and passage adaptation (Sebastian)
- Day 2 session 2: NGS II
 - Co-infection A/B example (Vithia)
 - Quality checks (Dimitar)
 - Q&A

