



Agenda

NRL-GMFF Training Workshop Next Generation Sequencing and Galaxy platform

- part 2 -

Sciensano/Brussels

30 November-1 December 2022

**The European Commission's
science and knowledge service**

Joint Research Centre

NRL-GMFF Training Workshop
Next Generation Sequencing and Galaxy platform
30 November–1 December 2022



Day 1 – 30 November 2022

12:00-13:00 Lunch

13:00-17:00 **Introduction**

Quality control and trimming

Read mapping and assembly

Species detection: alignment and mapping based approaches

Day 2 – 1 December 2022

09:00-12:00 **Gene detection: methods and databases**

Detection of genetic constructs used in the design of GMM/GMO and their junction points

12:00-13:00 Lunch

13:00-16:00 **Variant calling and filtering of variants. Detection of CRISPR-CAS engineered mutations**

Putting it all together in workflows + Q&A

16:00 Closure