



Variant calling in humans, animals and plants with Galaxy

Date: 1-5pm AEST, 25 May 2021

Lead trainer: Gareth Price, QCIF Bioinformatics.

Facilitators: Khalid Mahmood, Melbourne Bioinformatics, Adele Barugahare, Monash University

Hosts: Melissa Burke, Christina Hall (Australian BioCommons)

Schedule

Time	Topic	Who
13:00 AEST 12:30 ACST 11:00 AWST	Welcome and housekeeping	Melissa
13:15 AEST 12:45 ACST 11:15 AWST	Workshop introduction Connecting to Galaxy Overview of QC and read mapping steps Obtaining pre-mapped reads and setting up the datasets	Gareth
13:40 AEST 13:10 ACST 11:40 AWST	Breakout session: Obtaining data sets From Data Libraries From Zenodo	All
14:10 AEST 13:40 ACST 12:10 AWST	Mapped reads post processing Breakout session: post processing (10min)	Gareth
14:30 AEST 14:00 ACST 12:30 AWST	Variant calling Breakout session: variant calling (30min)	Gareth
15:15 AEST 14:45 ACST	Break (15min)	



13:15 AWST		
15:30 AEST 15:00 ACST 13:30 AWST	Variant annotation and reporting Breakout session: variant annotation and reporting (40min)	Gareth
16:30 AEST 16:00 ACST 14:00 AWST	Summary and discussion	Gareth and all
16:50 AEST 16:20 ACST 14:50 AWST	Wrap-up and feedback	Melissa
17:00 AEST 16:30 ACST 15:00 AWST	Close	