

Genomics tools at your service

Australian BioCommons provides bioinformatics tools that researchers ask for. We offer fully subsidised access to a range of services for Australian researchers.

Galaxy Australia Genome Lab

The simple web interface of Galaxy Australia opens up over 1,500 bioinformatics tools and 350 workflows to researchers - with no requirement for command line skills.

Galaxy Australia's Genome Lab provides quick access to ready-made workflows and powerful computation, and is complemented by the personalised support that you'd expect from a national service.



Data preparation



Genome assembly



Genome annotation



Australian
BioCommons

*This service forms part of the national
Australian BioCommons infrastructure*



For more information about Galaxy Australia and the partnerships that make the Genome Lab possible, please visit usegalaxy.org.au

Genome annotation tools now available

Research groups told Australian BioCommons they needed access to genome annotation tools. In response we built fully subsidised services to support researchers to predict, curate, and edit genome annotations.

Australian Apollo Service

The web-accessible system for curating and editing genome annotations



- Host your lab's genome assembly with no systems admin burden
- Manually curate genomes collaboratively, or privately in your own Apollo server
- Share draft genomes with your lab group, consortium or the broader research community

Australian Fgenesh++ Service

The bioinformatics pipeline for automatic prediction of genes in eukaryotic genomes



- Produce fully automated genome annotations
- Choose from 500+ eukaryote matrices
- Shared license provides access to Australian research groups
- Use via Galaxy Australia (no coding required) or Pawsey Supercomputing Research Centre (for those with command line knowledge)