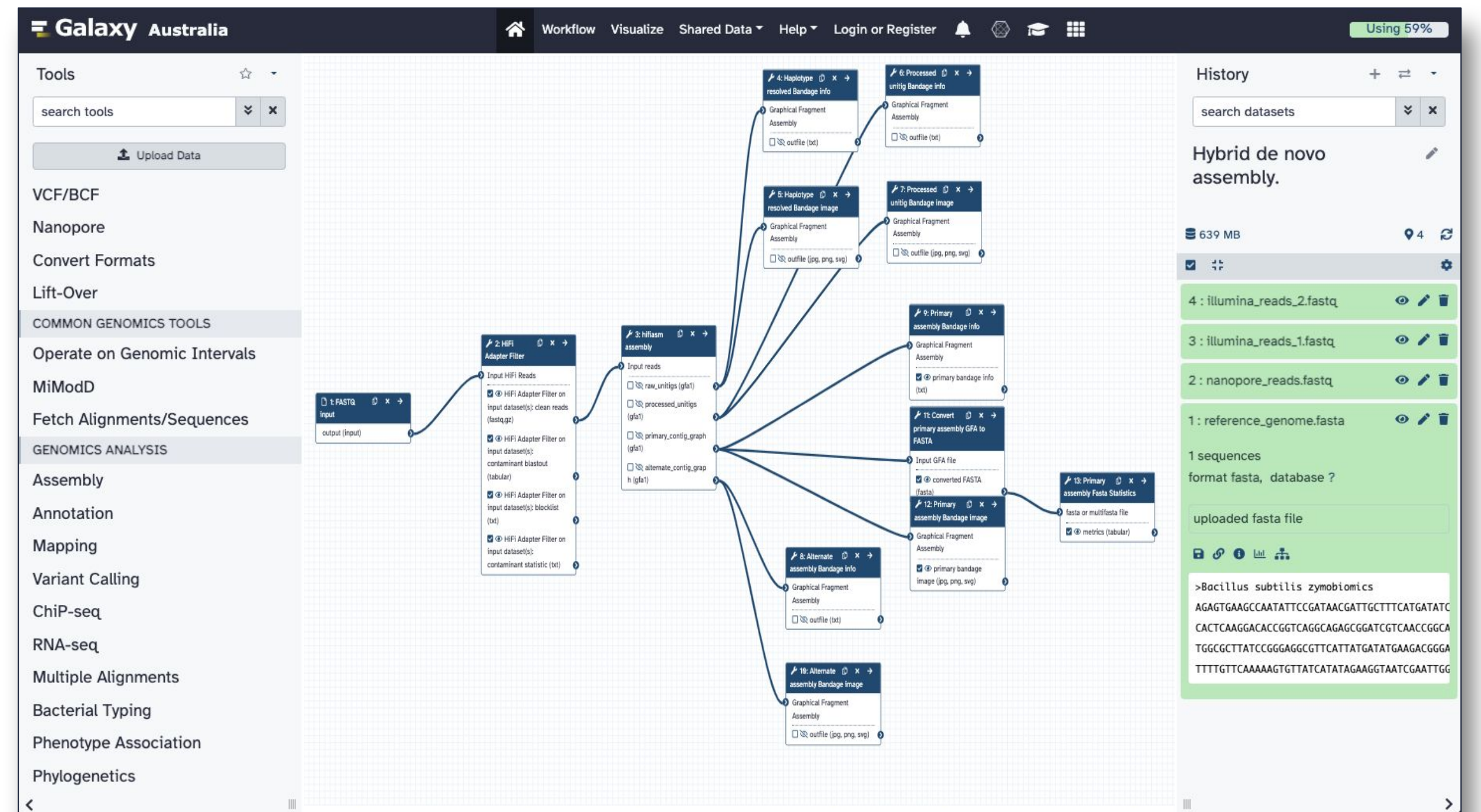
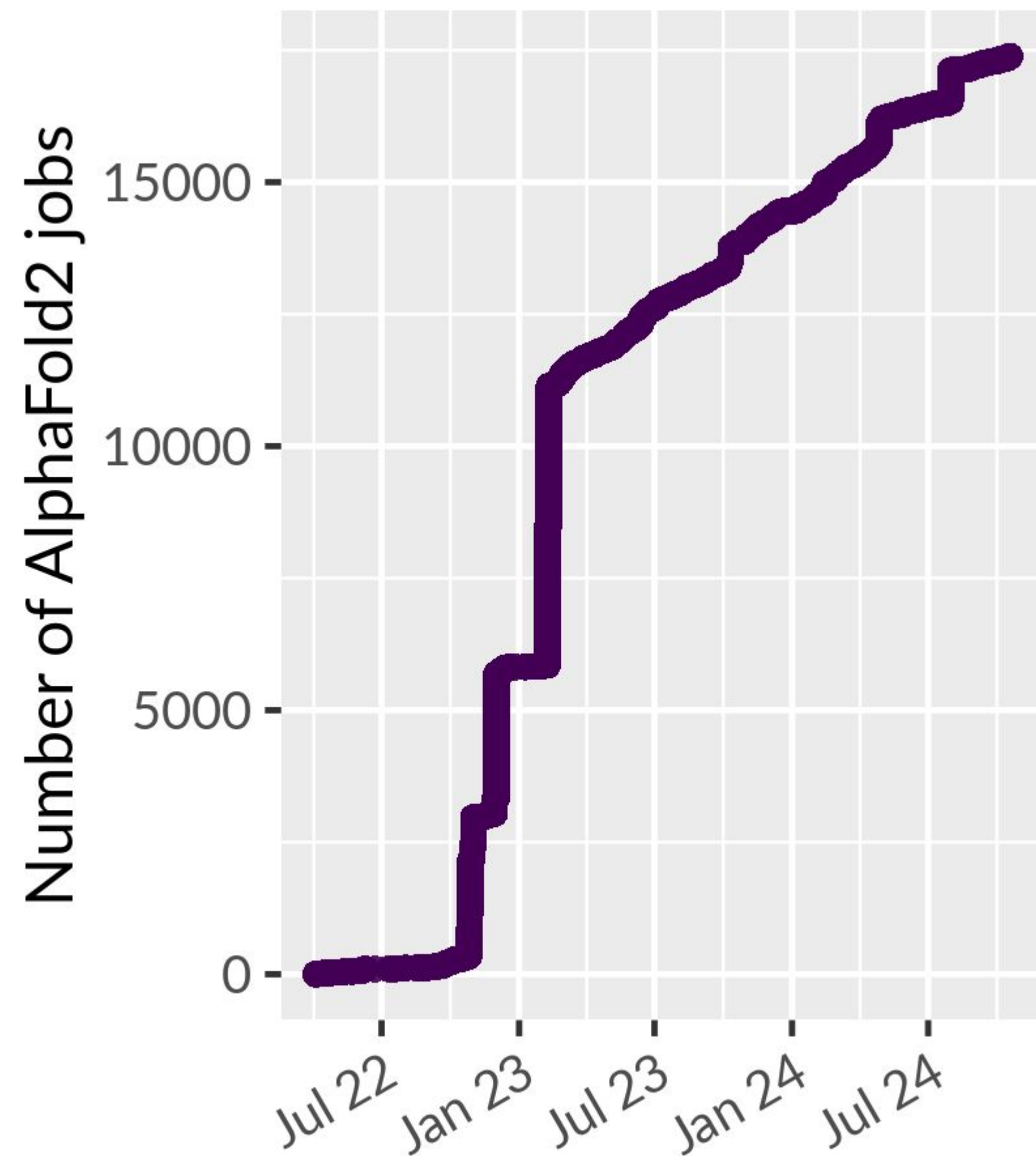


- 1500+ tools, 220+ reference data sets
- Upload data, execute, download data
- Drag and drop tools into workflows
- Share workflows with collaborators
- Powerful compute backend (AARNet, NCI, Pawsey, Nectar Cloud, Microsoft Azure)
- Unmetered compute (use as much as you like)
- Extensive training material available



# GPGPU is in high demand on Galaxy Australia



- AlphaFold2 has been very popular on Galaxy
- Median runtime is > 17 hours
- Demand is increasing in other areas, e.g.
  - Oxford Nanopore tools (basecalling and polishing algorithms)
  - Other protein structure tools
  - Molecular dynamics, imaging etc.
- This will require more infrastructure

# National compute network

