

Analysis Commons

Collaborative Cloud Computing Model

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Analysis Commons



- Investigators and developers working **collaboratively** on data analysis of WGS or omics data
- Cloud-based Analysis Platform -
 DNAnexus which uses AWS or Azure computing
- Shared tools (association pipelines, visualization, annotation, utilities)
- Shared resource files (genotypes, kinship, QC files, annotation)
- Project specific workspaces and permissions (e.g. Lipids, BP)
- Auditability of analyses



Analysis Commons

- Data sharing models:
 - dbGAP – coordinated applications that identify external collaborators
 - Consortium Agreement – replaces large number of bi-lateral DMDAs
- Teleconferences and SLACK chat for communication