Scripps Research

Center for Computational Biology and Bioinformatics (CCBB)
2022

CCBB services: Genomics

- Exome, Whole Genome sequencing data analyses, SNPs, indels, CNVs

Whole Genome sequencing (standard Level 1 services: ~3 to 5 business days)

Requirements:
1) Each sample in your project should have recommended read depth.
2) Number of sample submitted are less than 20
3) Sample metadata (sample descriptions) shared with CCBB prior to sequencing
4) Tumor / normal pairs (if any)
5) Reference genomes considered as standard: human, mouse, rat

Level 1 services: CCBB effort level - 2 hours
Standard analysis: Alignment to reference genome, …

SNPs/indels/CNVs (standard Level 1 services: ~3 to 5 business days)

Level 1 services: CCBB effort level - 2 hours
Standard analysis: Alignment to reference genome using BWA, Mark Duplicates,Base (Quality Score) Recalibration, Variant Calling (germline/somatic variants specific software), Annotation and QC plots/tables.

Email to ccbb@scripps.edu to set up a consultation meeting for additional service(s)

Additional services: Consult CCBB to get a quote/estimation of effort in hours. CCBB service hourly charges apply.

- Software development, custom pipeline implementation
- Re-analysis of older dataset
- Analysis for public dataset
- Specific figures/tables for publications; writing methods section or contribution for scientific papers/grant proposals
- Functional Analysis using Advaita/GSEA/SetRank
- Letter of Support for grants
- GEO/SRA submissions