Bioinformatics Team Home

This is the home of the Bioinformatics Team (BioITeam) at the University of Texas at Austin.

The BioITeam (short for bioinformatics team) is a consortium of bio-computing scientists at the University of Texas comprised of scientists from TACC, GS AF/CBRS, CCBB, and CSSB.

Mission of the BioITeam:

Provide "one-stop" unified support for bioinformatics:

- support biological computation at TACC
- provide software tools, pipelines and implementation support
- serve as a clearing house for educational resources

We are a group of users interested in pooling our efforts with others to reduce the time spent implementing new software and databases and on training ourselves and others. We are predominantly, but not exclusively, focused on tools for next-generation sequencing (NGS) analysis.

Our general model is that TACC serve as the reference implementation for stable software releases so most of the "power computing" can be done at TACC, but in addition acknowledge that most of us use resources in addition to TACC, and often need tools, databases, or other resources not globally supported at TACC.

Recently Updated

Bioinformatics Services  
Feb 21, 2020 • updated by Anna M Battenhouse • view change  
Bioinformatics Services  
Feb 19, 2020 • updated by Dhivya Arasappan • view change  
Installations  
Nov 27, 2019 • updated by Groves B Dixon • view change  
Bioinformatics Services  
Oct 24, 2019 • updated by Benjamin M Goetz • view change  
RNA-Seq Analysis Pipeline  
Oct 17, 2019 • updated by Benjamin M Goetz • view change  
Assessing Mappings Results II  
Sep 05, 2019 • updated by Dhivya Arasappan • view change  
Using a windows computer -- GVA2019  
Jun 04, 2019 • updated by Daniel Edward Deatherage • view change  
Introduction to RNA Seq Course  
Jun 04, 2019 • updated by Dhivya Arasappan • view change  
scrnaseq_intro.pdf  
Jun 04, 2019 • attached by Dhivya Arasappan  
Logistics- Day 4  
May 31, 2019 • updated by Dhivya Arasappan • view change  
Testing for Differential Expression  
May 31, 2019 • updated by Dhivya Arasappan • view change  
Clustering using WGCNA  
May 31, 2019 • updated by Dhivya Arasappan • view change  
GO Enrichment  
May 31, 2019 • updated by Dhivya Arasappan • view change  
Using TACC's Job Submission System (and 2019 end of class review)  
May 31, 2019 • updated by Daniel Edward Deatherage • view change  
Genome Variant Analysis Course 2019  
May 31, 2019 • updated by Daniel Edward Deatherage • view change  

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