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