PLS565: Practical Skills for Next-Generation Sequencing Data Analysis

Instructor: Dr.Xiangfeng (Bryan) Wang
Room: R P Harvill Bldg, Rm 301,
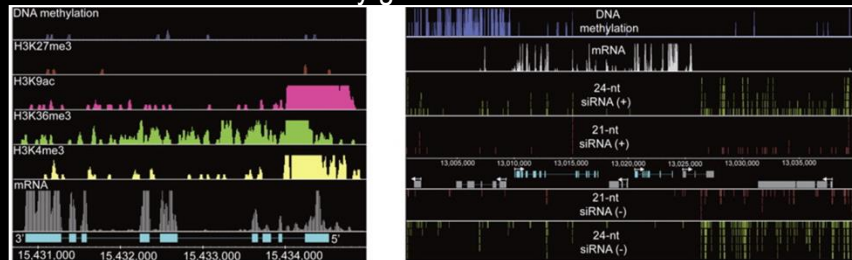Time: Tu & Thr 12:30PM – 1:45PM
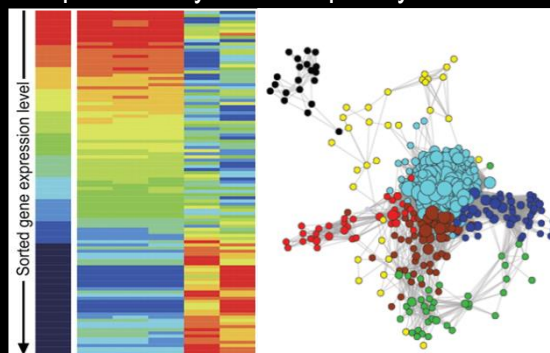Contact: xwang1@cals.arizona.edu

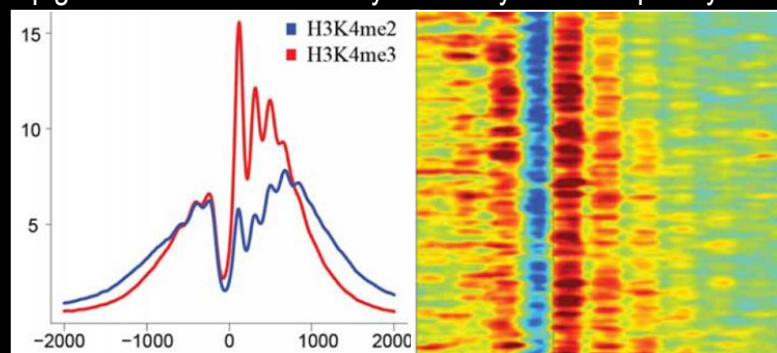1. Mapping and basic NGS data processing
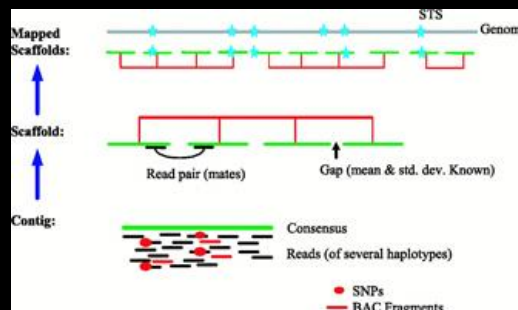
2. NGS data visualization by genome browsers

3. Gene expression by RNA-Seq analysis

4. Epigenetics and chromatin dynamics by ChIP-Seq analysis

5. *de novo* genome assembly

6. Genome structure and variation analysis