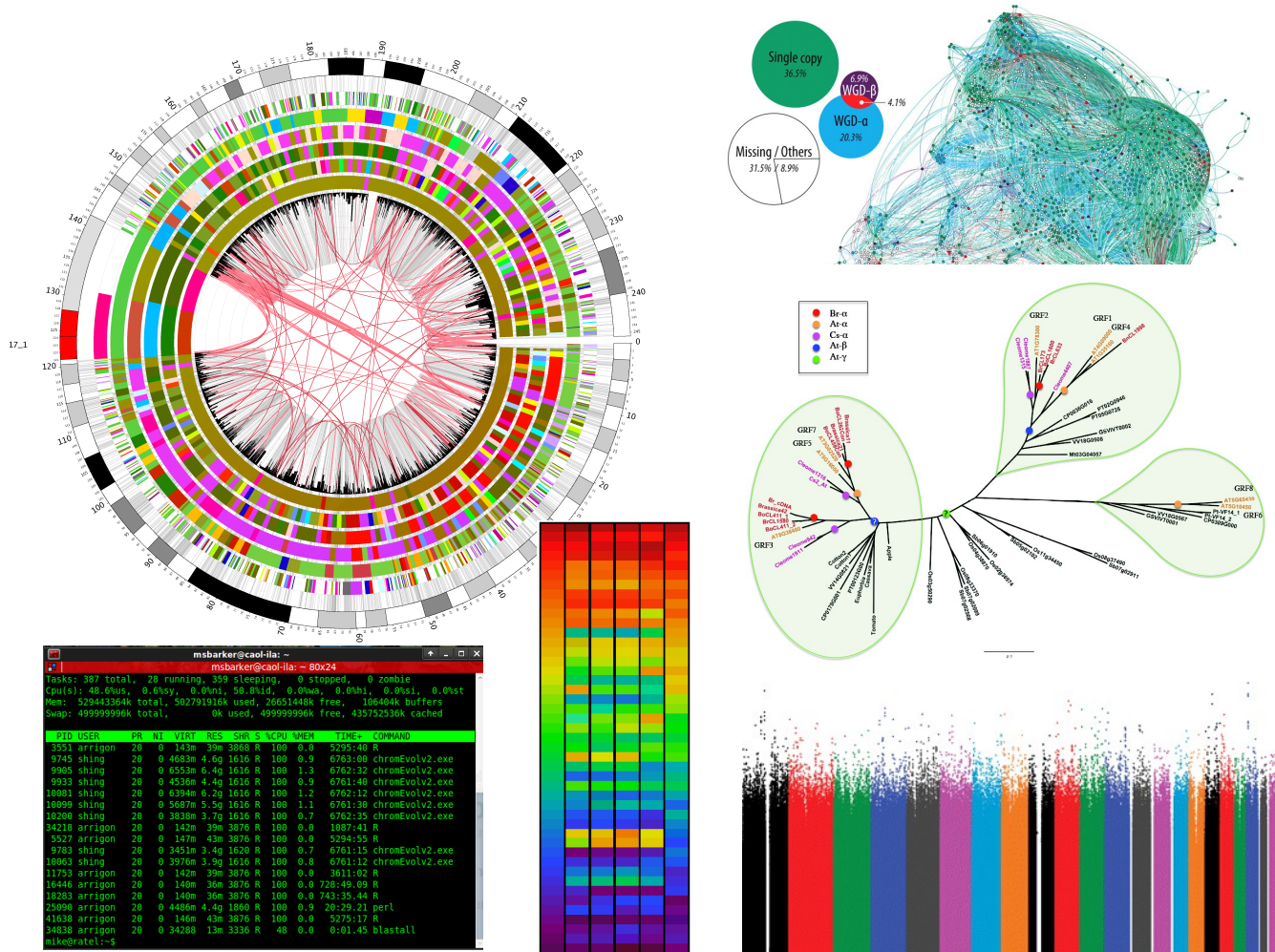


# ECOL-346 Bioinformatics Spring 2015 Core of New Bioinformatics Major



Next-generation sequencing and “big data” are changing the scales and questions that biology can address. In this course, you will learn how to use computational approaches to analyze the data produced by high-throughput technologies in biology. Through hands-on experience with real data sets, discover the opportunities and challenges of large-scale data analyses and develop practical biological computing skills. Lectures are built around a core of fundamental biology concepts with computational methods introduced on this biological foundation. **The course is designed for students who have little or no previous computational skills, but want to develop and understand bioinformatic methods!**

Instructor: Dr. Michael Barker, Assistant Professor EEB

Tue Thur 12:30 – 1:45 PM, Biology Learning Center, Koffler 209

Lab Thur 9:00 – 10:50 AM, Biology Learning Center, Koffler 209

Webpage: <http://barkerlab.net/courses.html>