

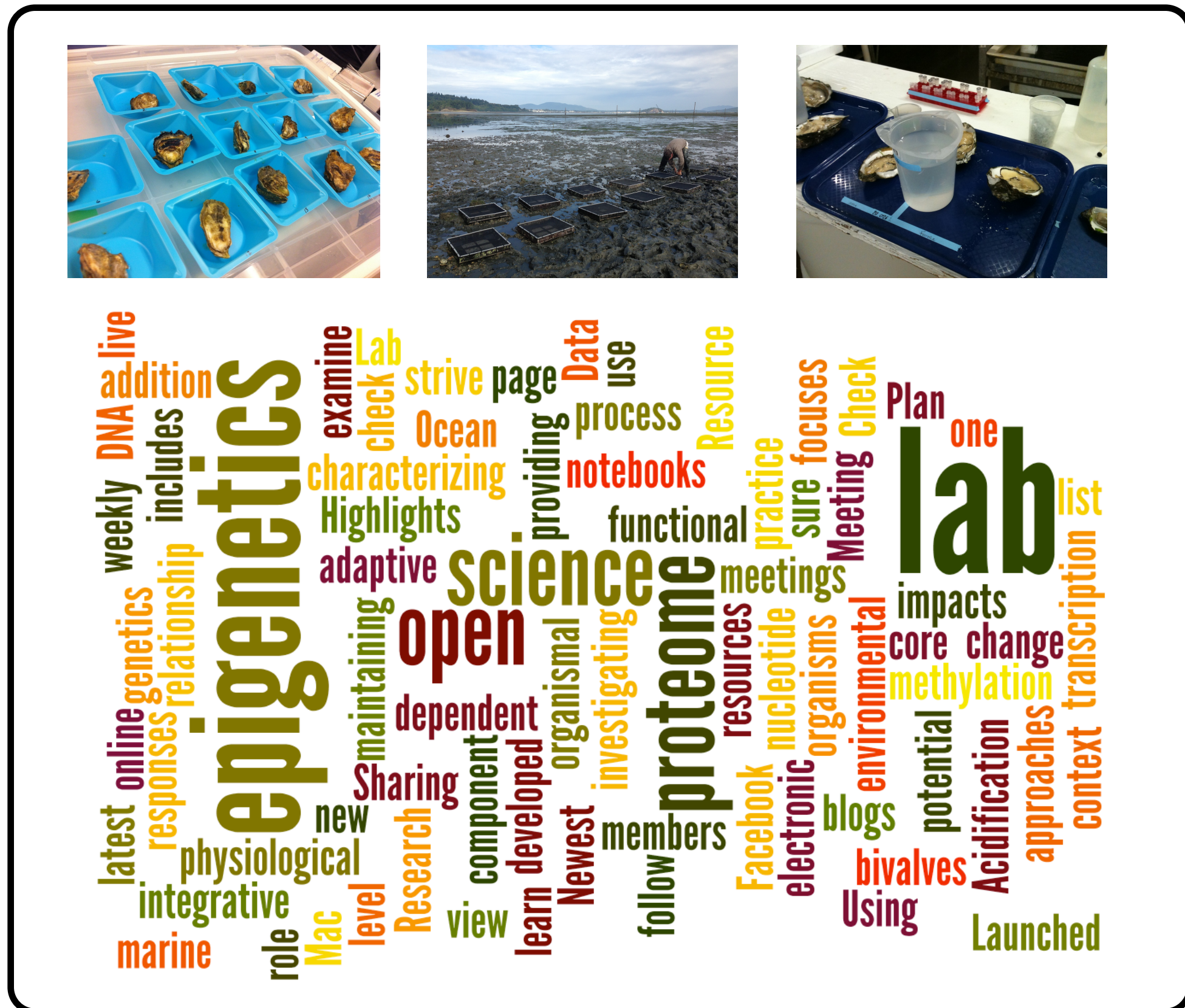
Exploring the Biology of Oysters

a few million base pairs at a time

Mackenzie Gavery
 Claire Olson
 Emma Timmins-Schiffman
 Jake Hear
 Sam White
 Brent Vadopalas
 Giles Goetz



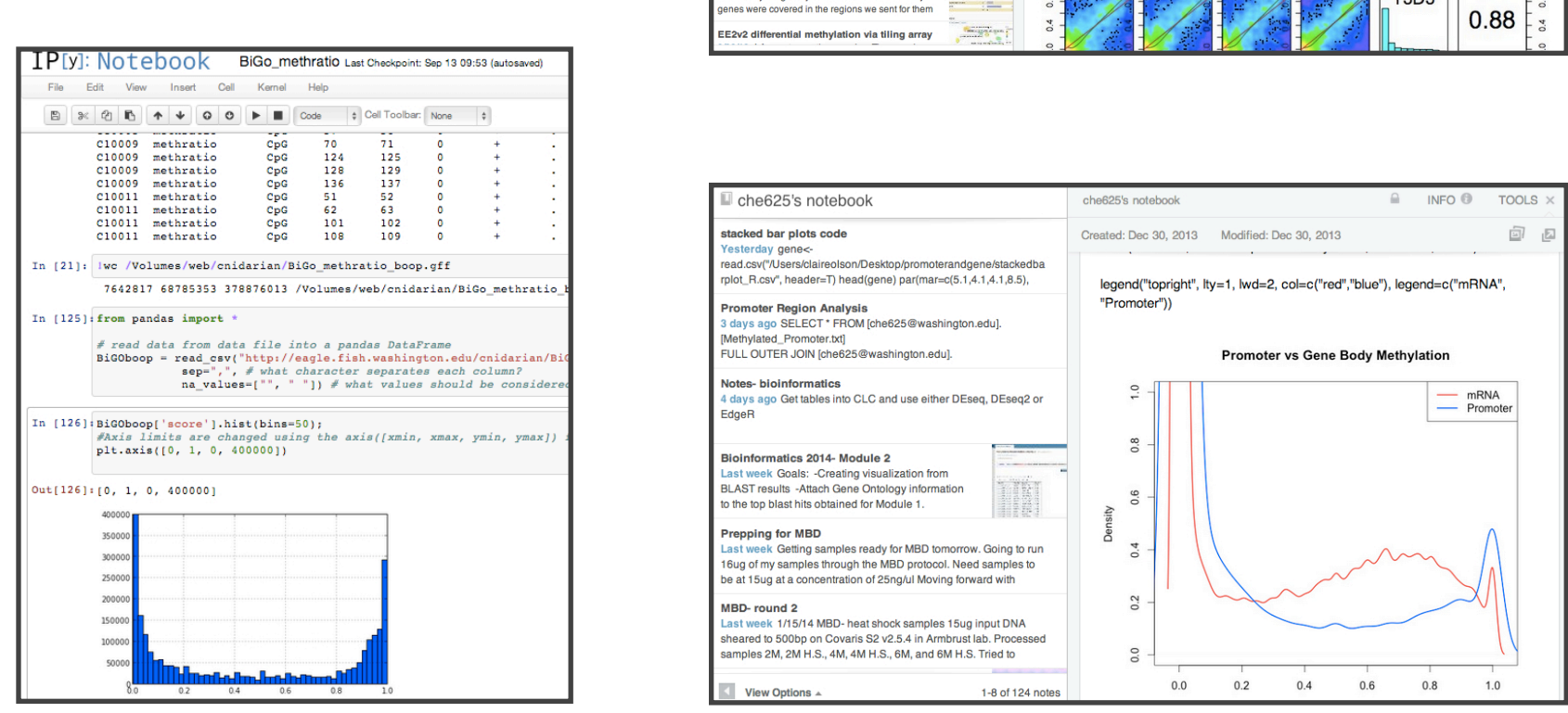
Steven Roberts
 College of the Environment
 School of Aquatic and Fishery Sciences



How we do science

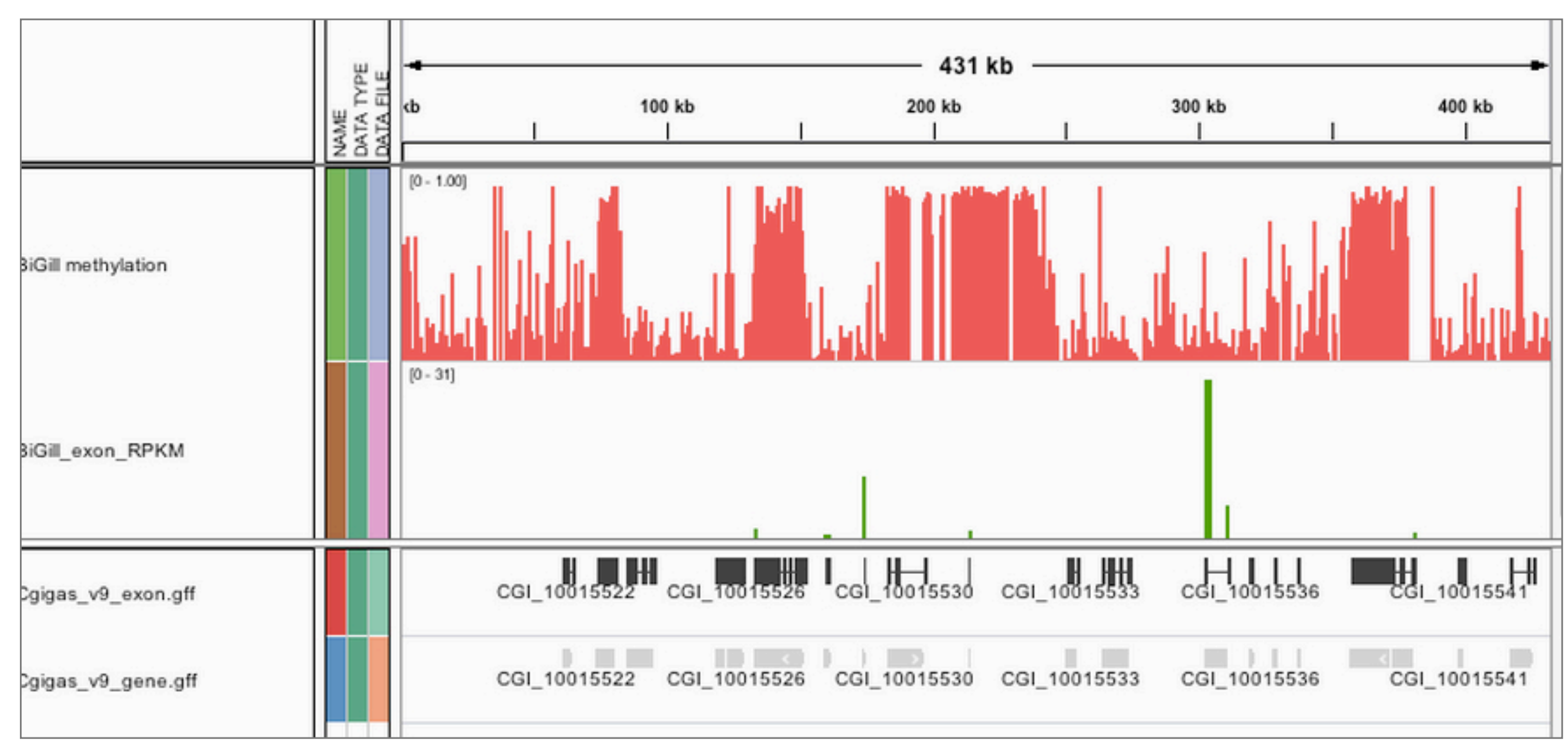
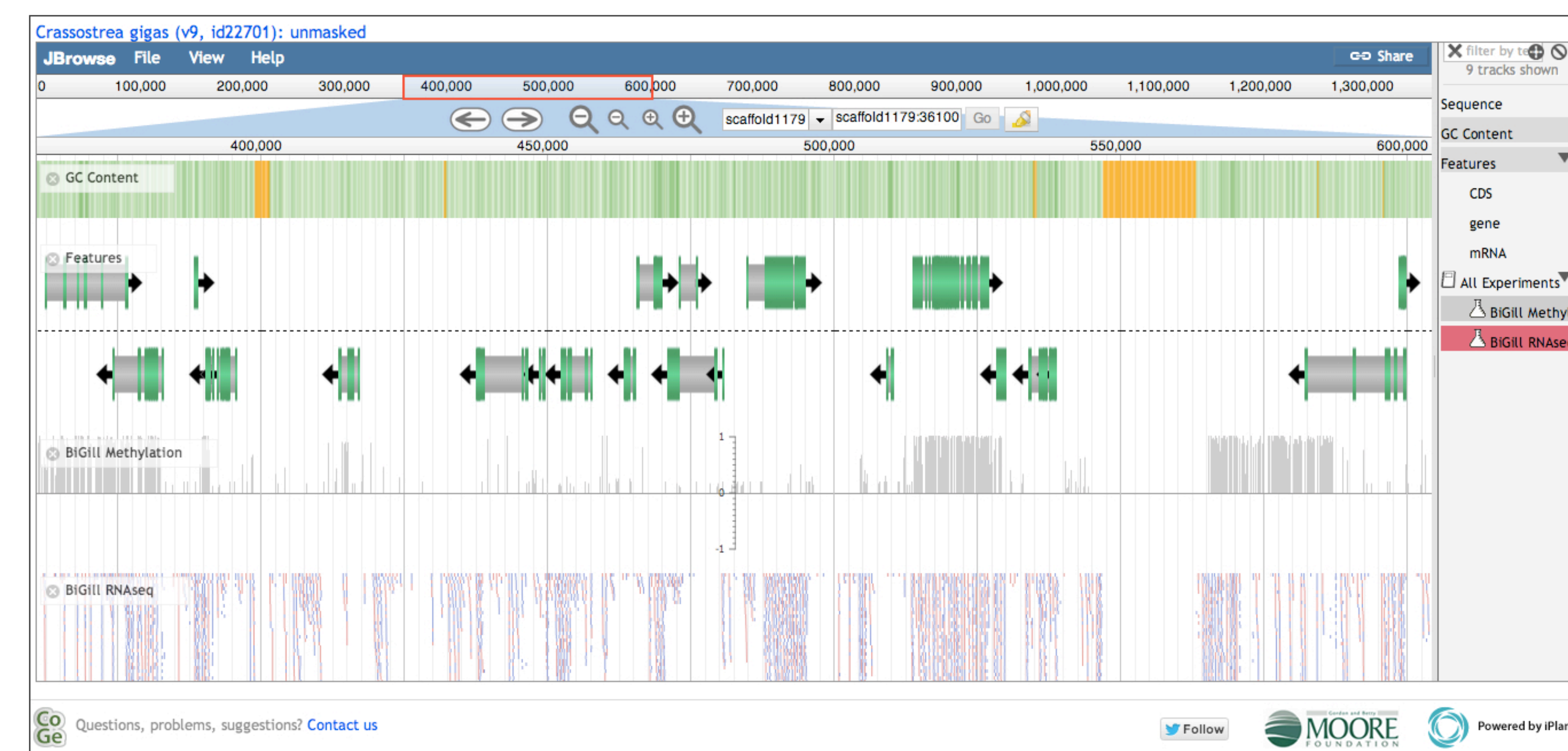
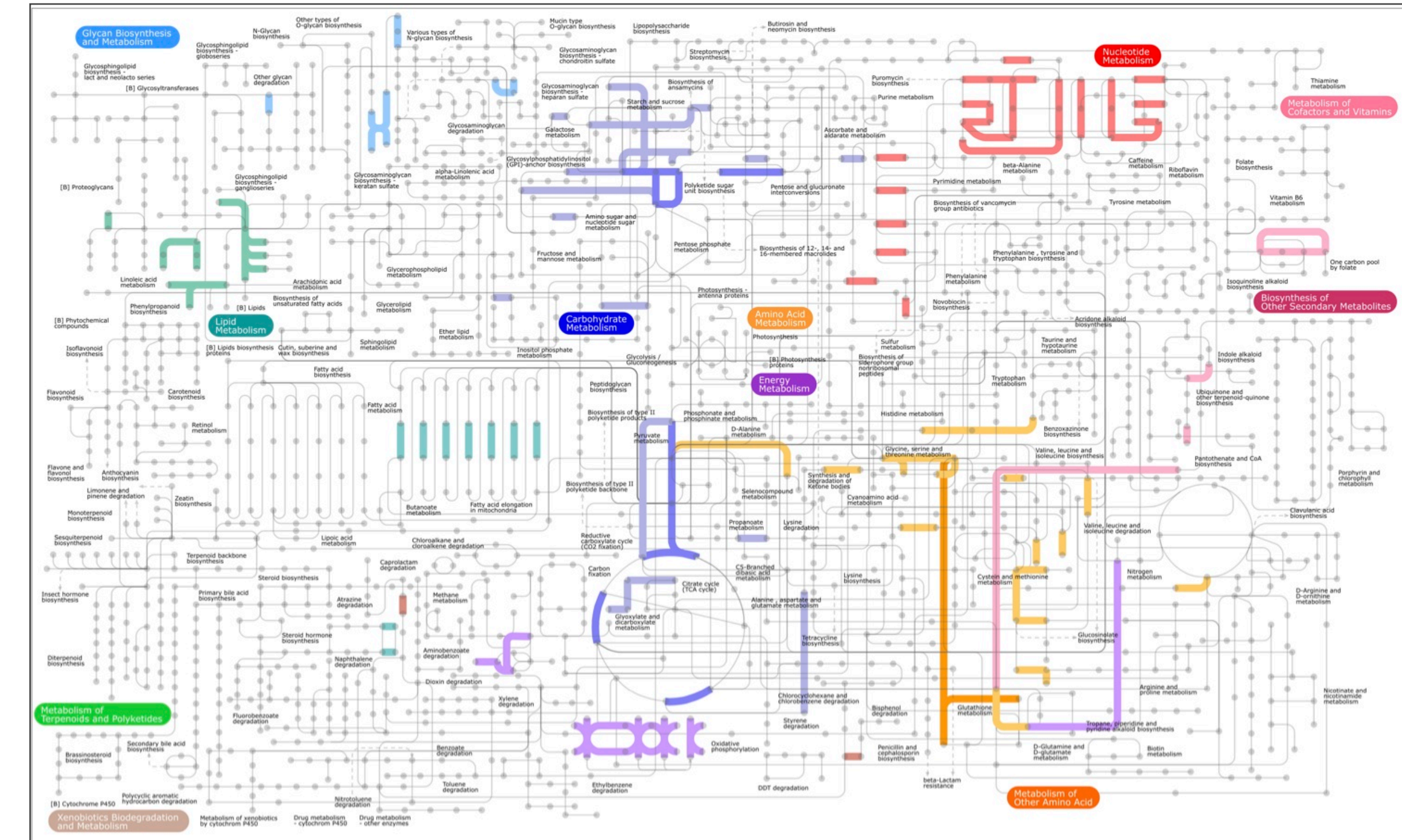
The collage shows a workflow starting with 'My Lab Notebook' and 'Lab Wikis' leading to 'Galaxy' and 'iPlant Collaborative' for data analysis. It also includes 'Hyak' for high-performance computing and various databases like 'GigaDB', 'UniProt', 'NCBI', 'GO', and 'EBI' for data storage and retrieval.

The 'Data and Resource Sharing Plan' outlines policies for data access and sharing. The 'Products' page lists various outputs such as 'Peer-Reviewed Publications', 'PrePrints', 'Theses', 'Grants', and 'Media'.



The 'qod' interface provides access to genomic data and workflows. It includes a schematic showing how various data sources (Publications, Pathways, Interactions, Orthology, CyG statistics, Structural Elements, Gene Annotations, Sequence Motifs, Transcription Factors, Binding Sites) are integrated into a 'Genome' model. Below, it lists available IPython Notebooks for 'Elastic Data Tables - Universal' and 'Elastic Data Tables - Annotations'.

pausing occasionally to make maps.



More information

Website: robertslab.info Wiki: genefish.wikispaces.com YouTube: goo.gl/KYELUU oystergen.es: oystergen.es

Poster, Links and lots of fun.
 e:sr320@uw.edu t:@sr320