



Evolutionary Genomics of a Model Grass Compilospecies

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Saturday 2014-09-27

- ▶ Bioinformatics
- ▶ This Year, in Borevitz Lab:
 - ▶ TraitCapture Project Developer
 - ▶ Genomics (Low level seq. analysis)
 - ▶ Phenomics (Image analysis)
 - ▶ Sample tracking, data standards, HPC.
- ▶ Starting PhD in Bioinformatics Evolutionary Genomics next Feb/March

- ▶ Compilospecies = Invasive Composite Polyploid Species =
Many grasses
- ▶ *Brachypodium* species
- ▶ Genomics is hard, large, weird, polyploid genomes
- ▶ Bottleneck is informatics
- ▶ Hence, project!