Evolutionary Genomics of a Model Grass Compilospecies

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plant energy **biology**
ARC CENTRE OF EXCELLENCE

- ▶ 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

Compilowhat?

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