Chromosome-scale assembly of endangered *Hypomesus transpacficus*, a California native smelt species declining towards extinction

Intro

* History of DS (why important)
* Biodiversity
* Sequencing technologies

Methods

* Tissue sampling
* Sequencing
  + 10X
  + Pacbio hifi
  + Hi-c
* QA/QC
* Genome size estimation
* Heterozygosity
* Assembly
* Quality check
  + BUSCO
  + Chimeras?
  + contiguity

Results

* Sequencing
  + 10X
  + Pacbio hifi
  + Hi-c
* QA/QC
* Assembly
* Quality check

Discussion