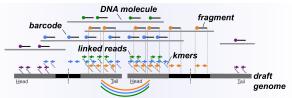




chromosome-scale scaffolding human genomes with linked read kmers

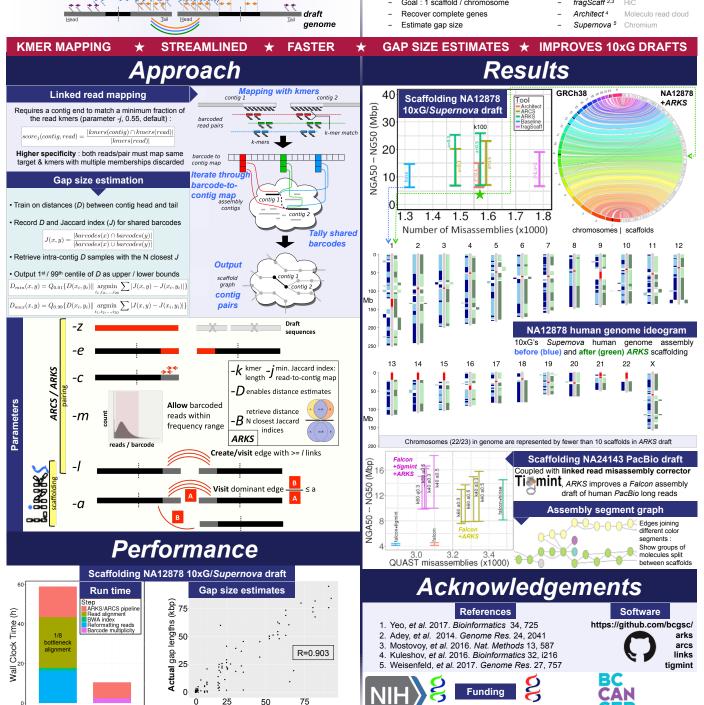
René L Warren • Lauren Coombe • Jessica Zhang • Ben Vandervalk Justin Chu • Shaun Jackman • Jeffrey Tse • Inanç Birol



Builds on our O(6) scaffolder 1

GenomeBritishColumbia GenomeCanada

- Alignment-free linked read scaffolder Order and orient genomic contigs.
- Goal : 1 scaffold / chromosome
- Uses 10x Genomics (10xG) Chromium
- Similar tools
 - fragScaff 2,3 HiC



ARKS estimated gap lengths (kbp)