



- Assemble the input files
- Find overlaps of [m,k] bases
- Filter out shim contigs
- Identify and pop simple bubbles
- Merge paths of contigs to create larger contigs.
- Align reads to contigs
- Find pairs of reads in alignments
- Estimate distances between contigs
- Merge distance estimates
- Find overlaps between blunt contigs
- Find paths through contigs using distance estimates
- Merge sequences of contigs IDs
- Find paths that overlap, assembling overlapping paths
- Align sequences of ambiguous paths and output a consensus
- Find paths that overlap, output graph
- Merge paths of contigs to create larger contigs
- Scaffold contigs using the distance estimate graph

