Input

- Custom annotation charts, top set
- Custom annotation charts, bottom set
- Subject databases for cross_match
- Subject databases for NCBI BLAST
- Subject databases for WU-BLAST
- Query sequence

Processing

- Run cross_match
- Run BLAST searches and combine HSPs
- Run MUMmer
- Find longest contiguous sequence homologies to subject databases along query sequence
- Find longest HSPs along query sequence
- Find exact sequence matches within query sequence

Output