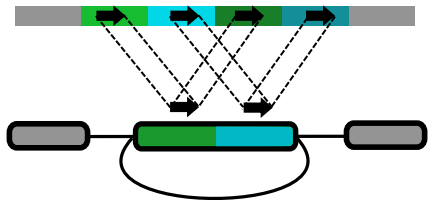


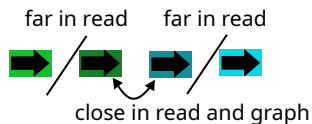
## Duplications in snarls



1. Sort seeds by chain coordinate



2. Split into runs by graph and read distance



3. Sort runs by read coordinate



4. Build zip code tree with runs as chains

