

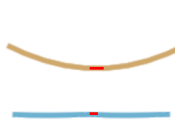

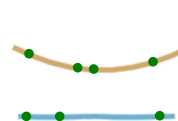
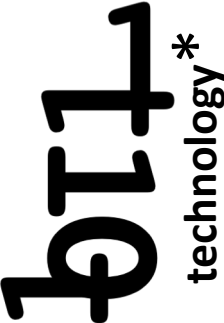




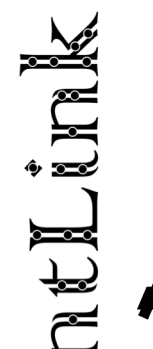
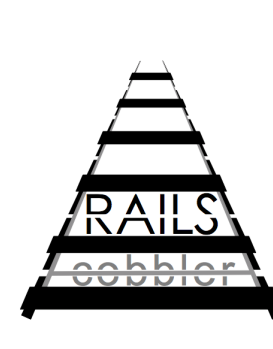




# De novo Genome Assembly Solutions

|   |                         |   |  |   |  |  |  |   |  |   |  |   |  |   |  |   |  |  |  |
|---|-------------------------|---|--|---|--|--|--|---|--|---|--|---|--|---|--|---|--|--|--|
|   |                         | Assembly  |  | Correction  |  | Scaffolding  |  | Gap-filling   |  | Polishing   |  |   |  |   |  |   |  |  |  |
|  |                         |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Input   |                         |   |  |   |  |  |  |   |  |   |  |   |  |   |  |   |  |  |  |
| Sequencing reads  | Short                   | ●   |  |   |  |  |  |   |  |   |  | ●   |  | ●   |  |   |  |  |  |
|   | Linked                  | ●   |  | ●   |  |  |  | ●   |  |   |  | ●   |  | ●   |  |   |  |  |  |
|   | Long                    | ○   |  | ●   |  | ●  |  | ●   |  | ●   |  | ●   |  | ●   |  | ○ + ○   |  |  |  |
| Genome  | NGS<br>eg. Illumina/MGI | ●   |  | ●   |  | ●  |  | ●   |  | ●   |  | ●   |  | ●   |  | ●   |  |  |  |
|   | SMS<br>eg. ONT/PacBio   | ●   |  | ●   |  | ●  |  | ●   |  | ●   |  | ●   |  | ●   |  | ●   |  |  |  |
|   |                         | ALL DRAFT ASSEMBLIES SUPPORTED  |  |   |  |  |  |   |  |   |  |   |  |   |  |   |  |  |  |
|   |                         | <a href="https://github.com/bcgsc">*https://github.com/bcgsc</a>                  |  |   |  |  |  |   |  |   |  |   |  |   |  |   |  |  |  |