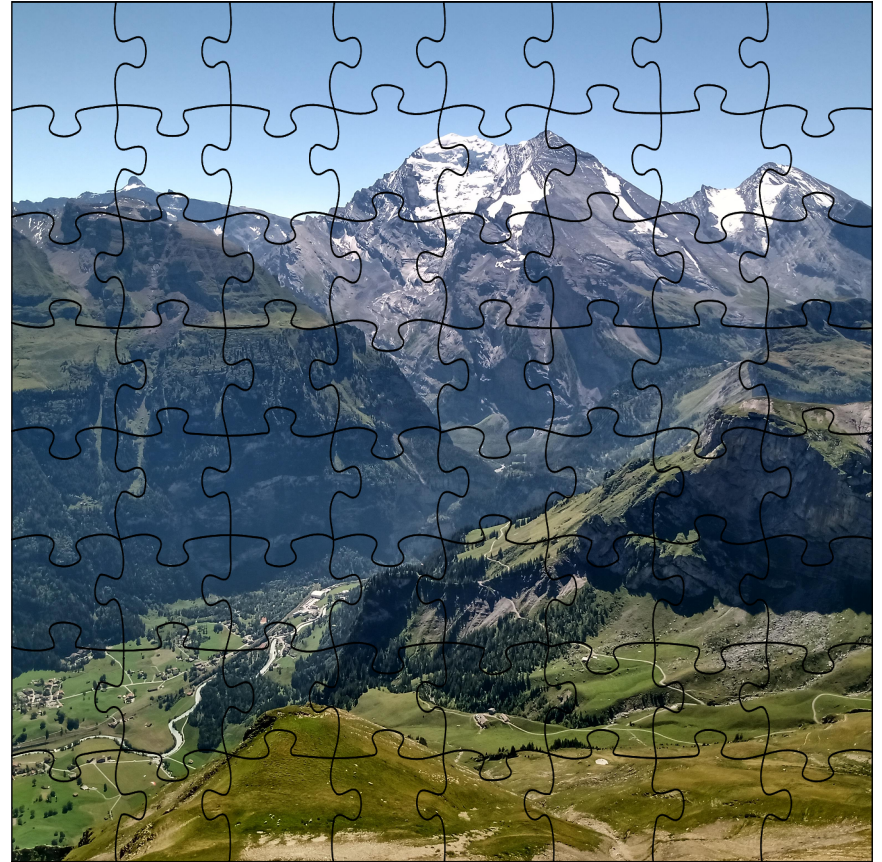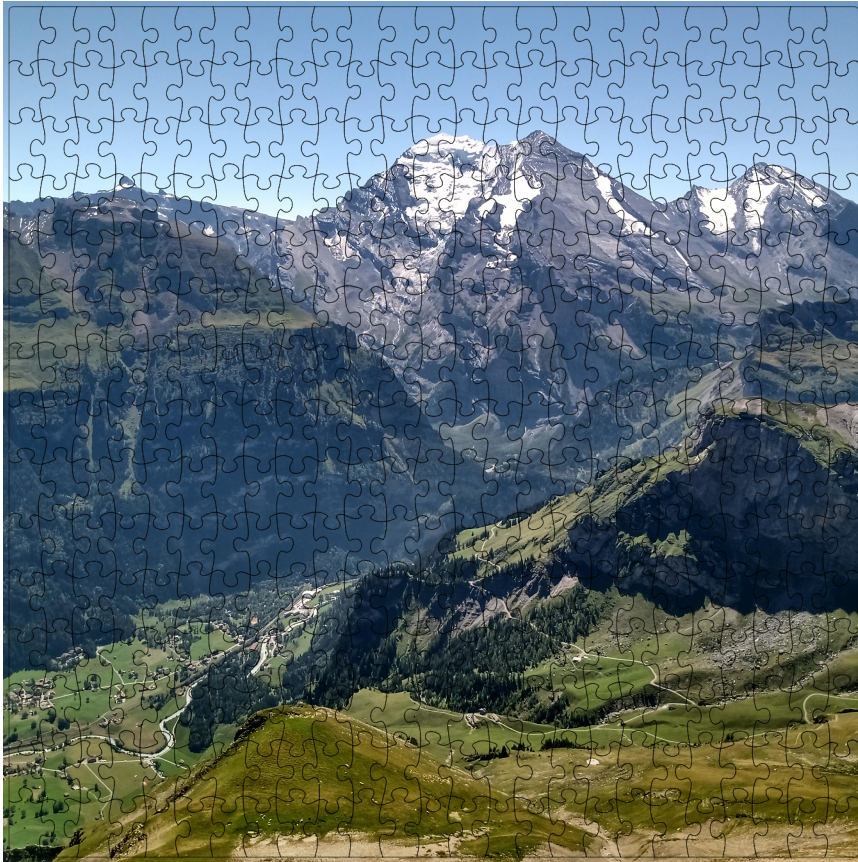# Long-read sequence analysis

Applications
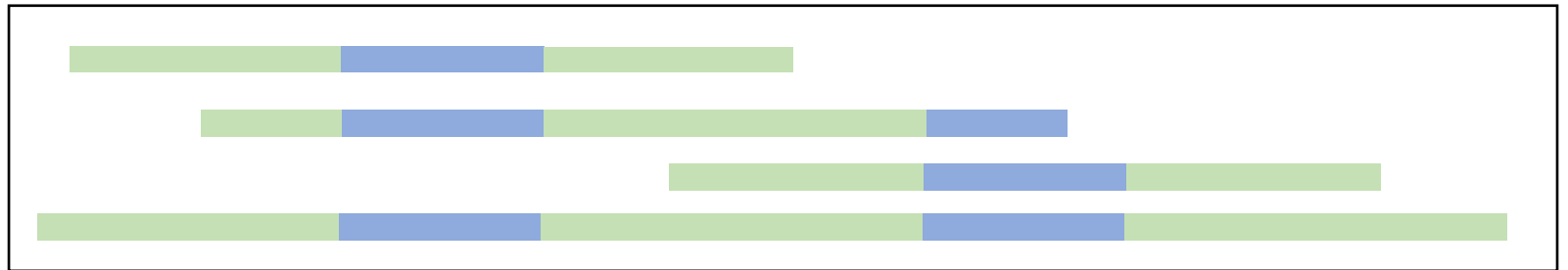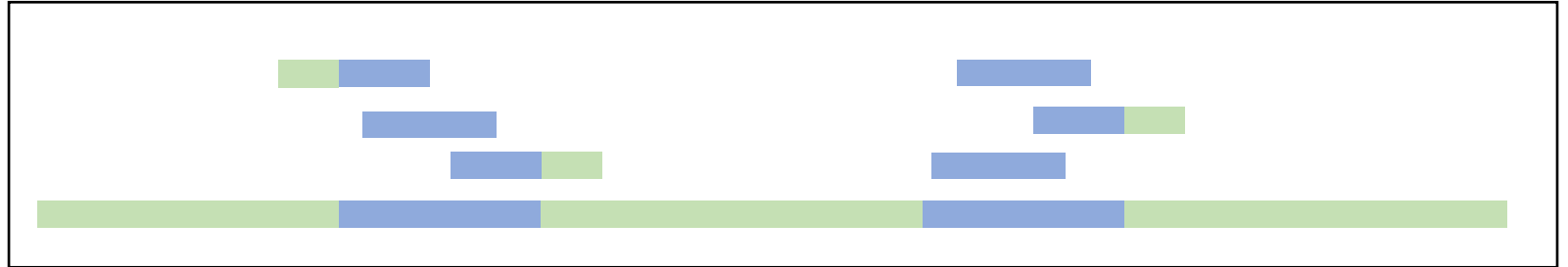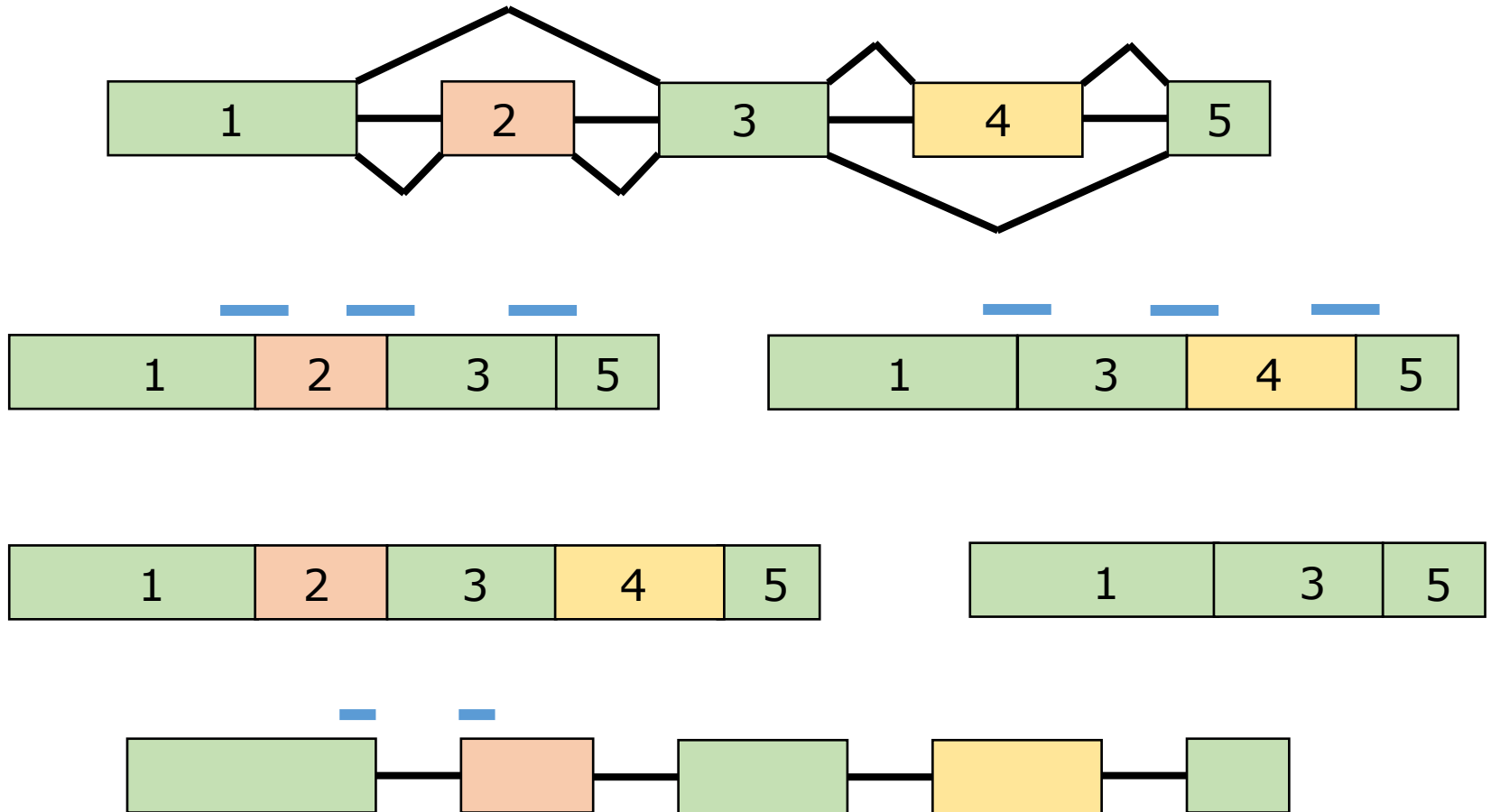
Why long reads?

Applications

- (Genome/transcriptome) assembly
- Repeats/structural variation
- Haplotyping
- Splice variation

Mapping quality

Isoform variation - project 1

Repeat expansion - project 2