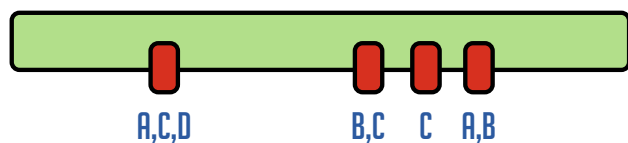
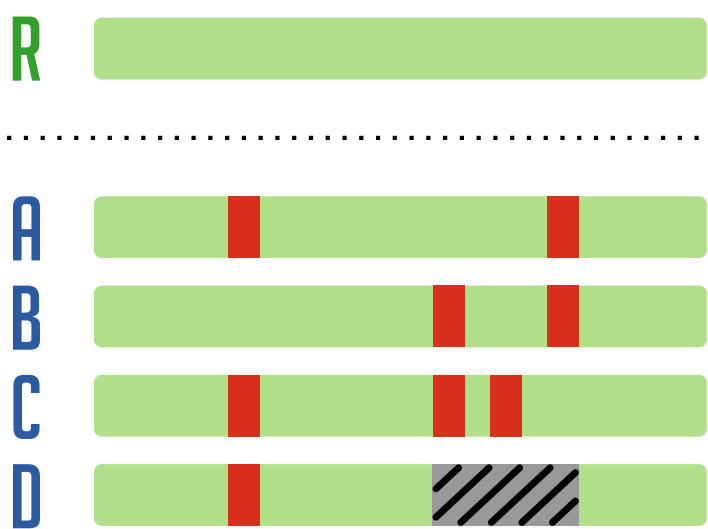
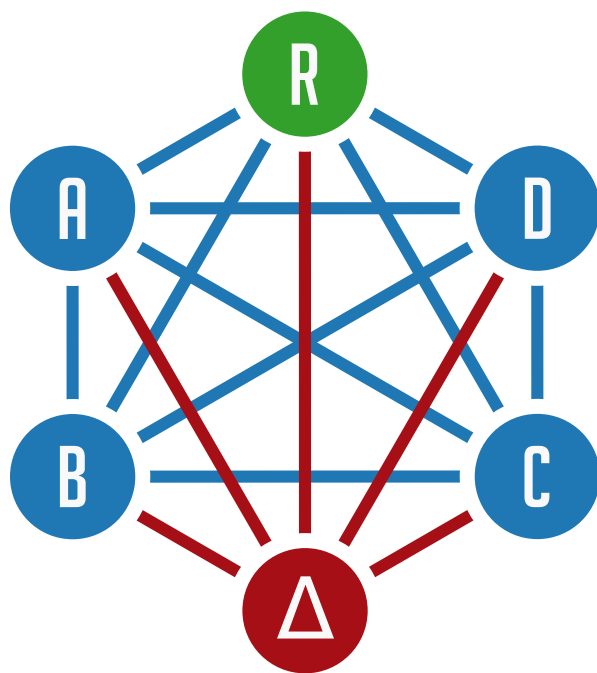
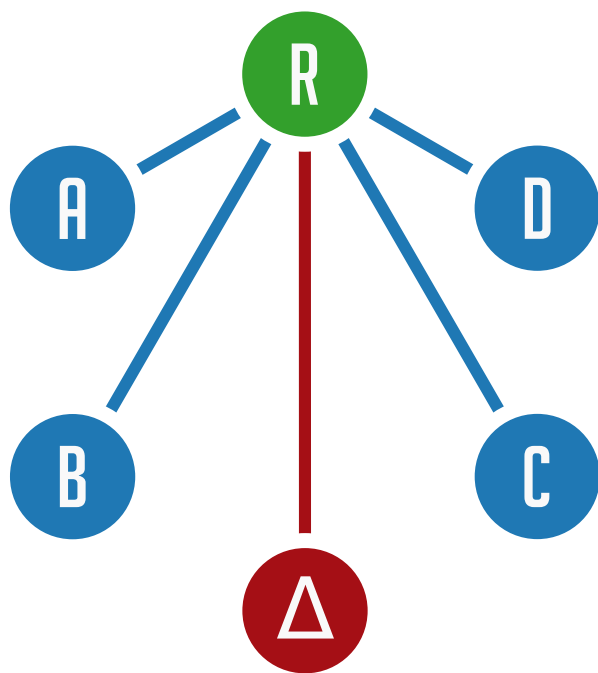
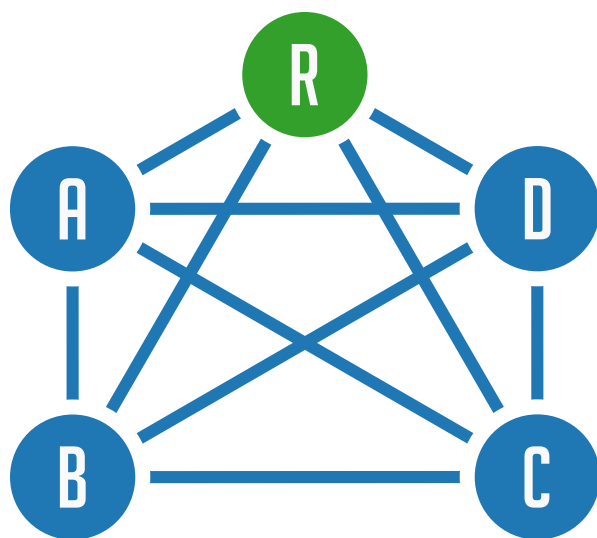
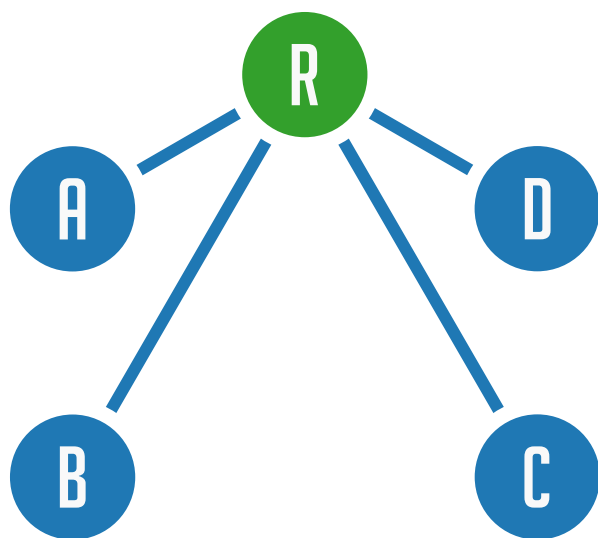


Reference model

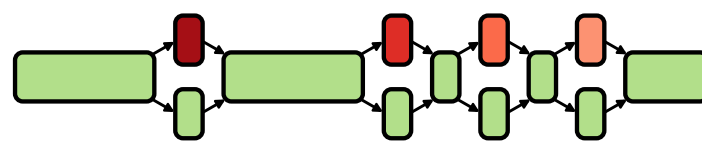
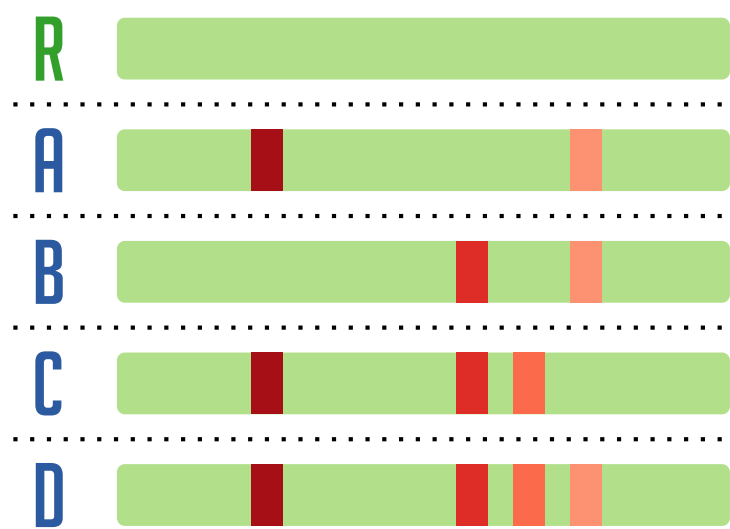
Extending the model

## Genomic

## Pangenomic



Linear representation  
(augmented with variations)



Graphical (compressed) representation

- Reference allele
- Alternative allele
- Unmapped segment

- Shared segment
- Variant