VISUALIZING BACTERIAL SEQUENCING DATA WITH GENOMEVIEW

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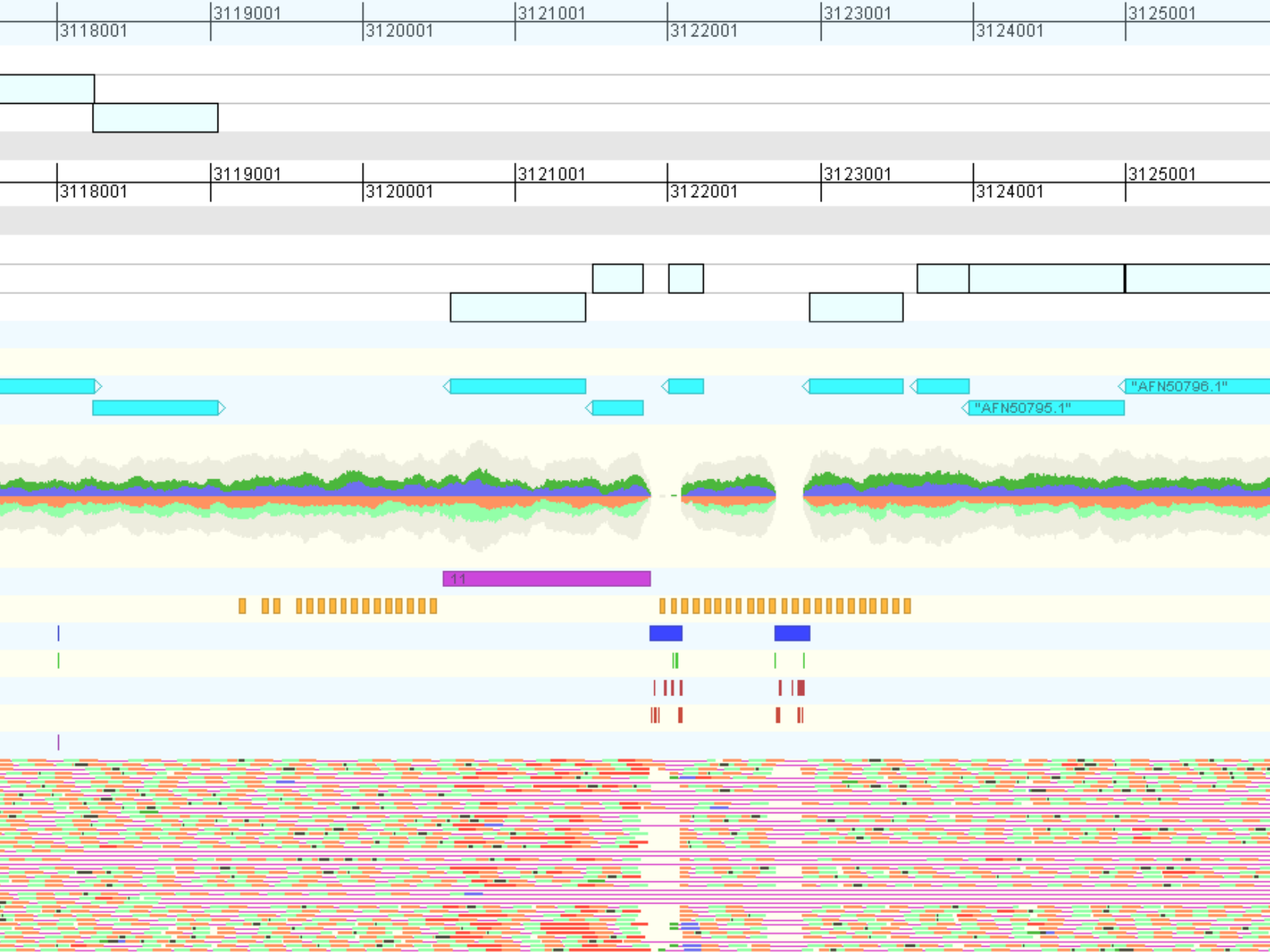
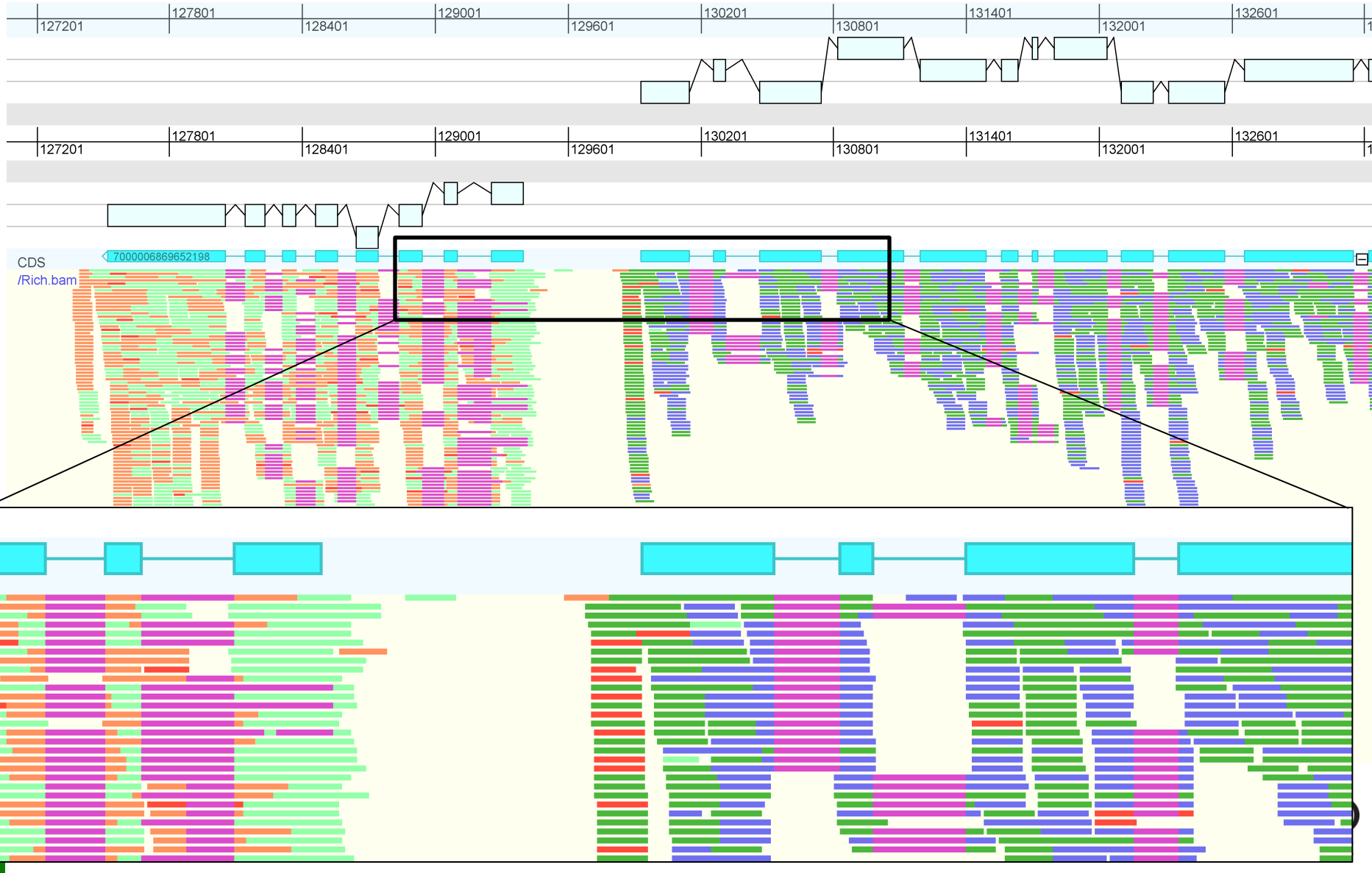
Take home message

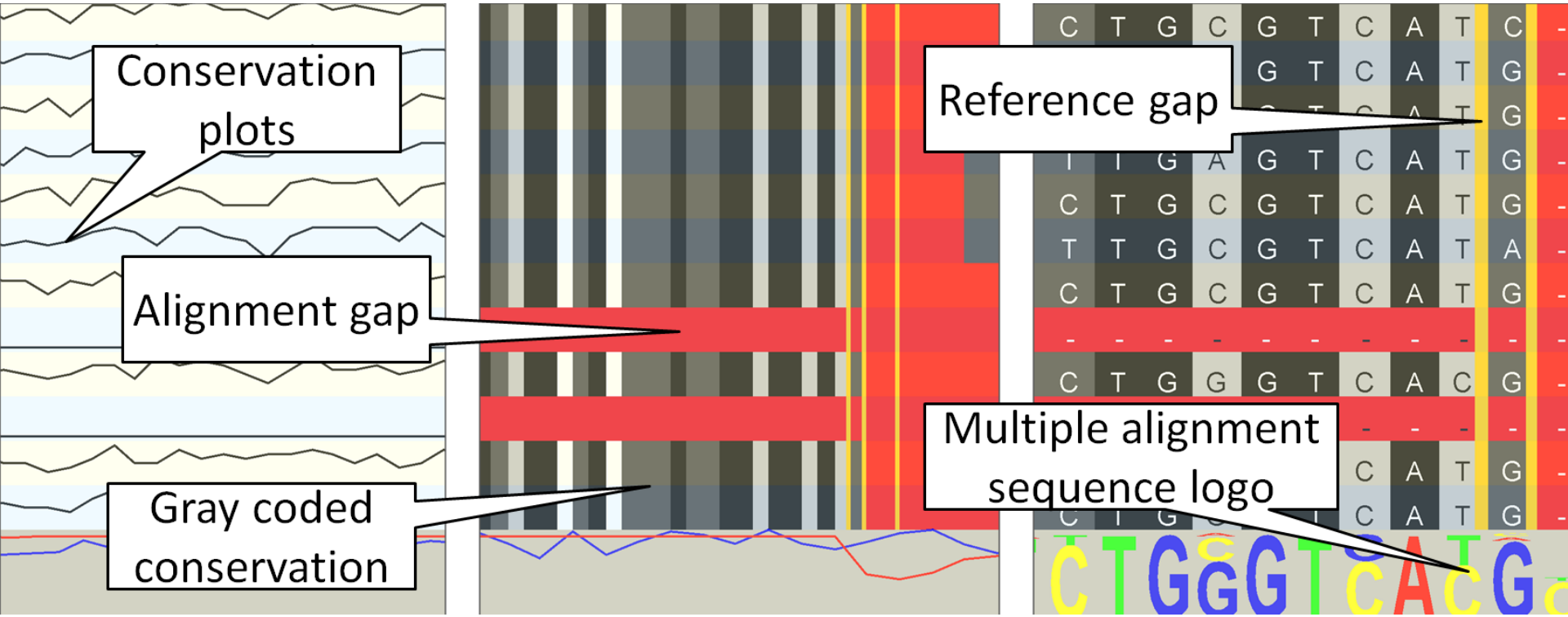
- **Interactive, real-time exploration** of NGS data
- **Rich visualization** of NGS data
- Many other data-types supported
  - Annotations
  - Comparative visualizations,i.e. multiple alignments
- Editor, encryption, authentication
- **Integrate** with existing platforms and data sources
- Configurable and extendable through **plug-ins**


3118001
3119001
3120001
3121001
3122001
3123001
3124001
3125001
3118001
3119001
3120001
3121001
3122001
3123001
3124001
3125001
"AFN50796.1"
"AFN50795.1"
11

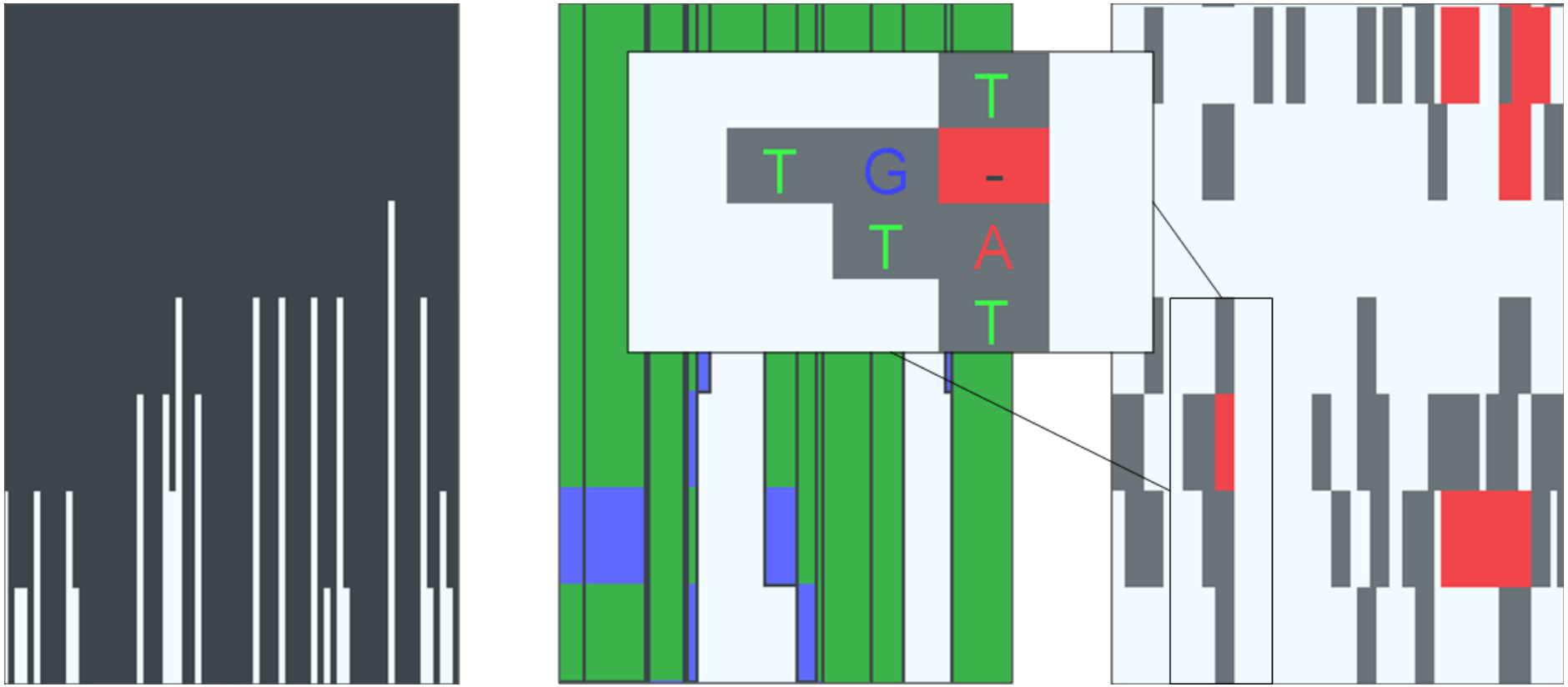
Directional PE RNA-seq



Multiple alignments



Large multiple alignments



http://www.youtube.com/watch?v=iHvHLUNjBkU
http://genomeview.org/screencasts

Projected annotations

- Show gene annotations from aligned genomes

Acknowledgements

- Thomas Van Parys, Marijn Vandevoorde,
- David Roldán Martínez

T: @GenomeView

W: http://genomeview.org