

# **The genome of a tardigrade - Horizontal gene transfer or bacterial contamination?**

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# 1 Figures

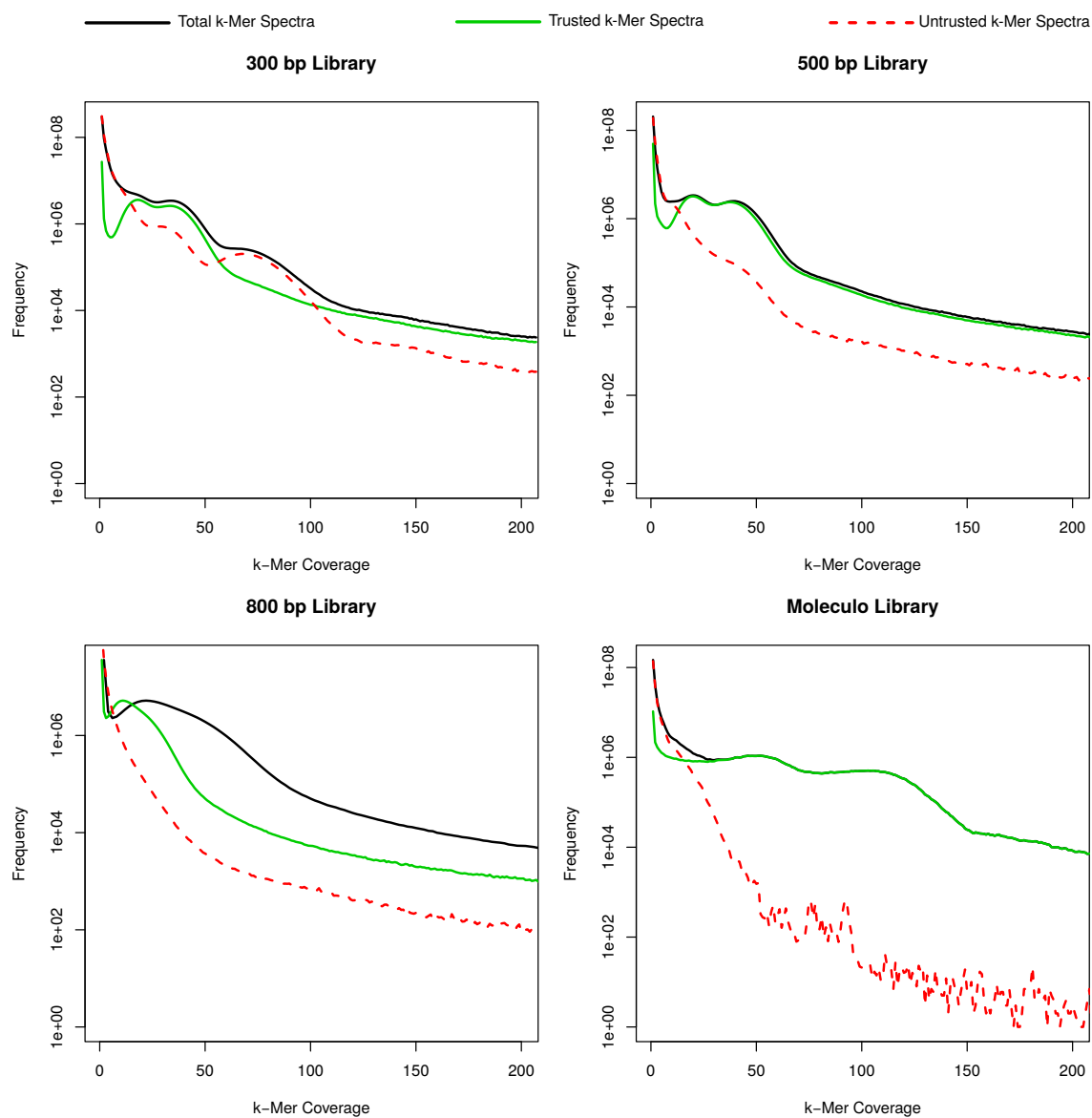


Figure 1: k-Mer Analysis

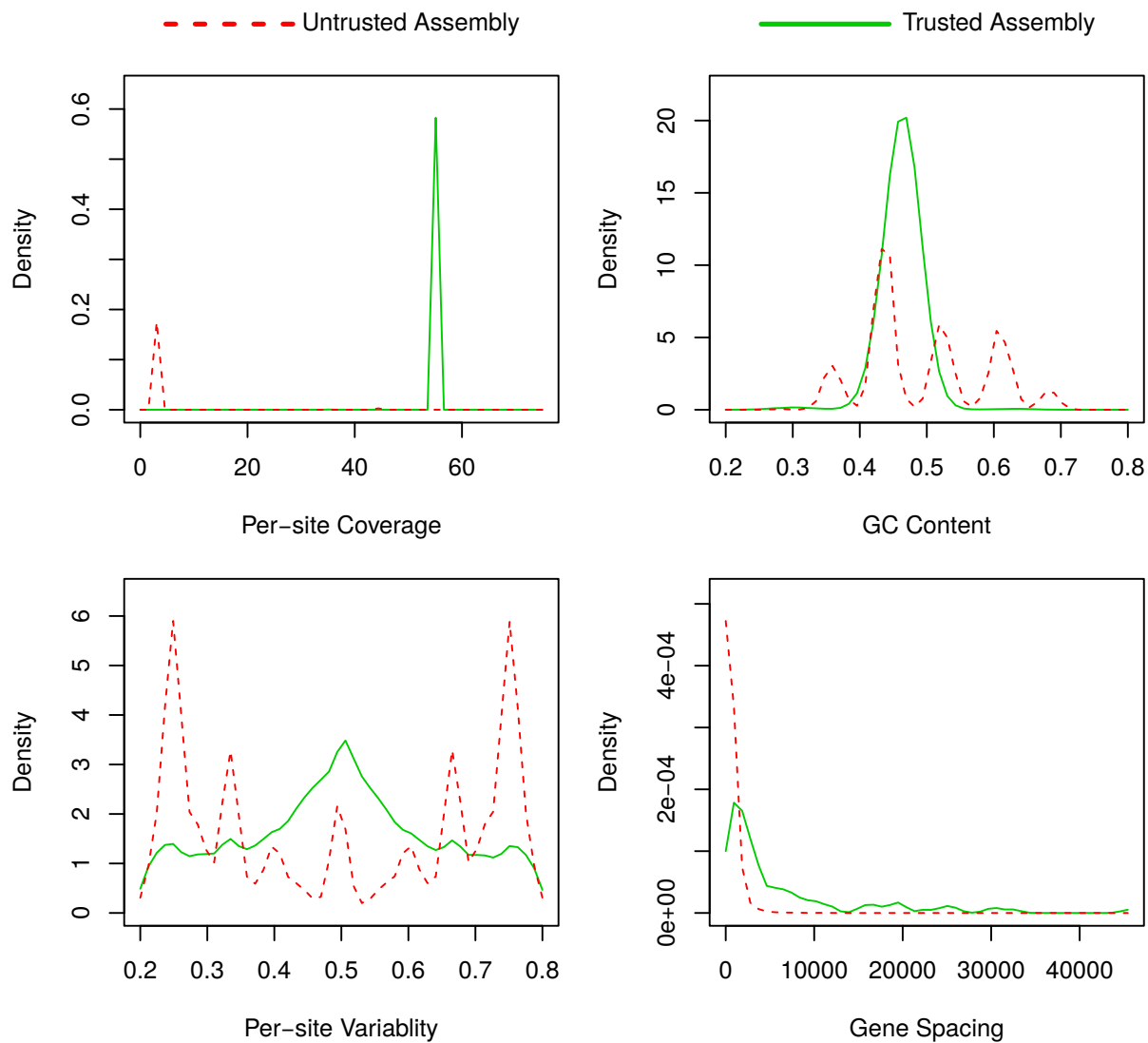


Figure 2: Assembly Feature Comparisons

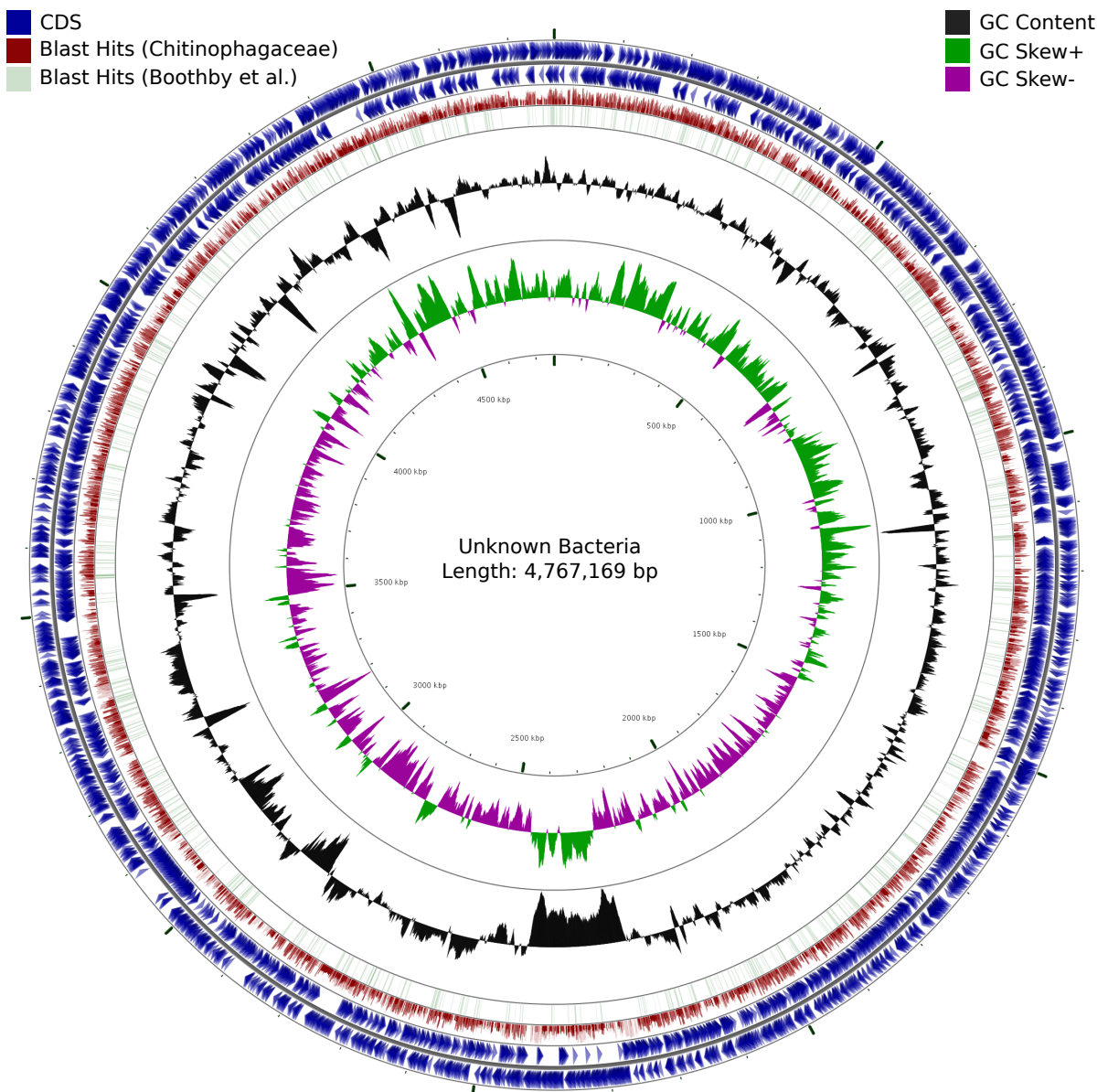


Figure 3: Unknown Bacterial Genome

## 2 Methods

### k-Mer Analysis and Filtering

Allpaths-LG Jellyfish

### Long Read Assembly

Falcon

## **Assembly Annotation**

GeneMark-S and GeneMark-ES CGView -> Visualizatin

## **Assembly Comparison**

GC Sliding Windows ? Mapping Coverage ? Per-site Variability ? sm-Packages to compare distributions