

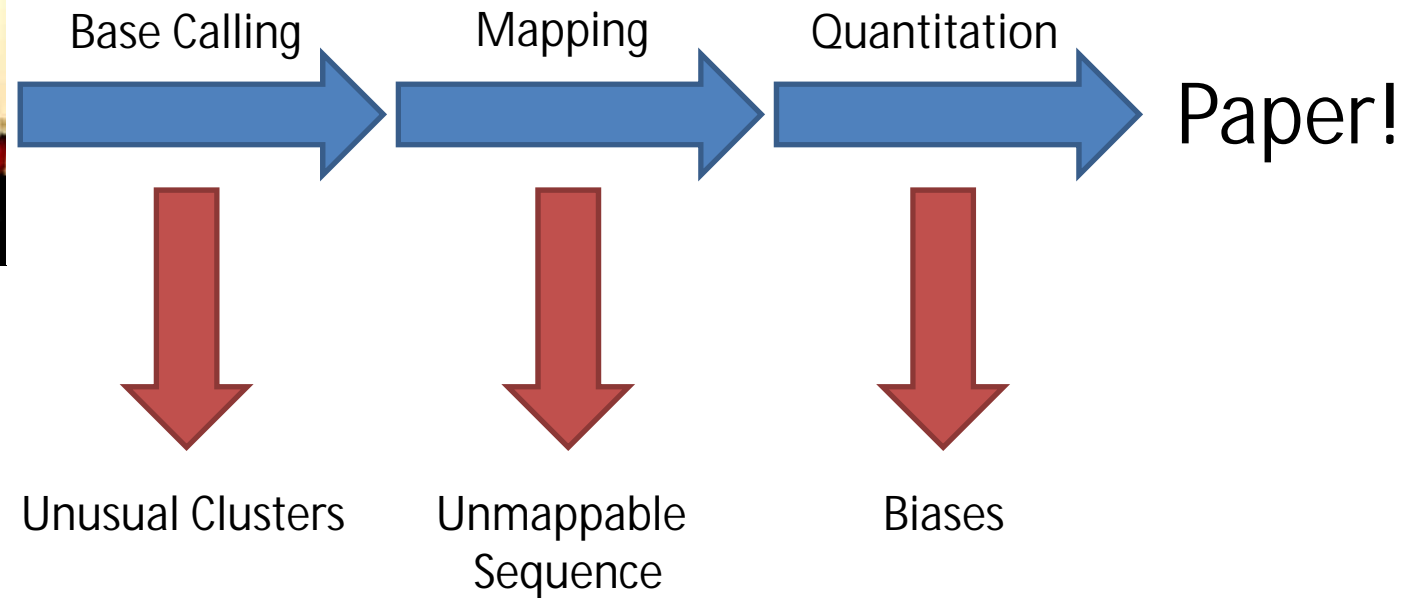
What leaks out of your pipeline?



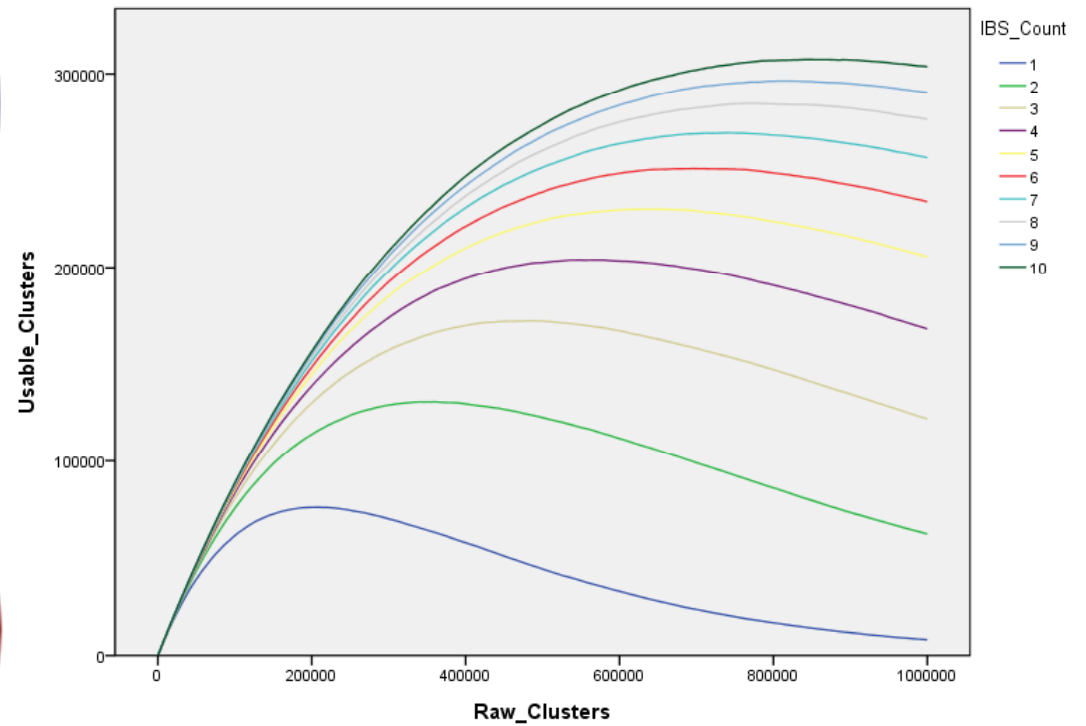
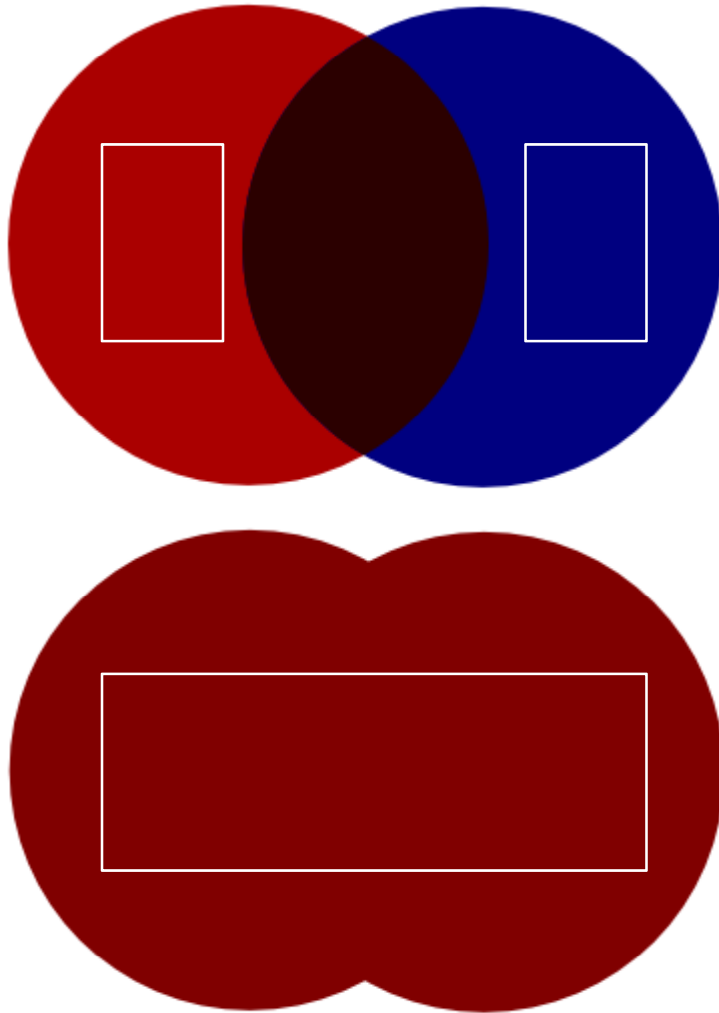
Simon Andrews
The Babraham Institute
ISMB 2011



Standardised Pipeline



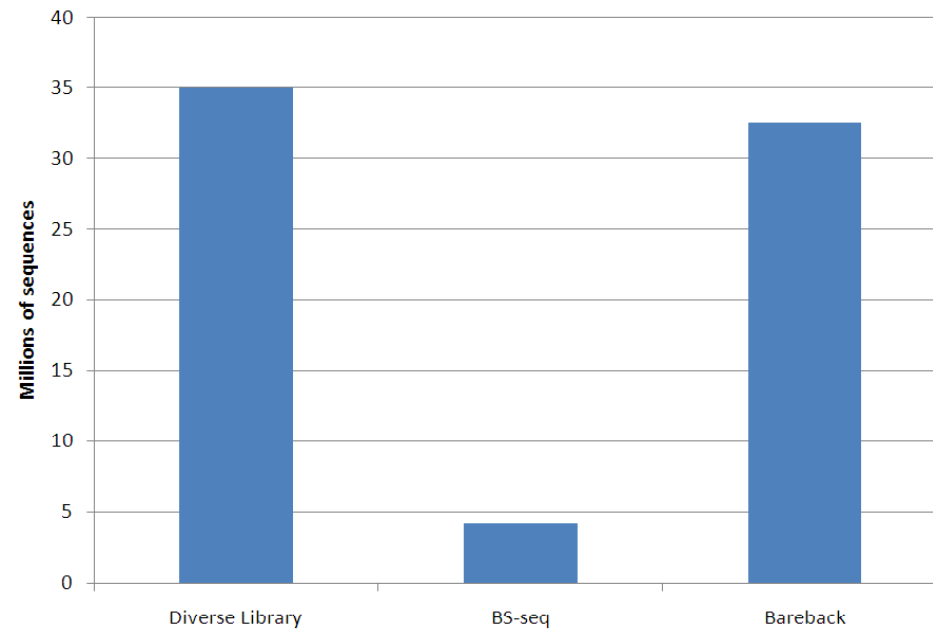
Illumina Pipeline 1: Biased Sequences



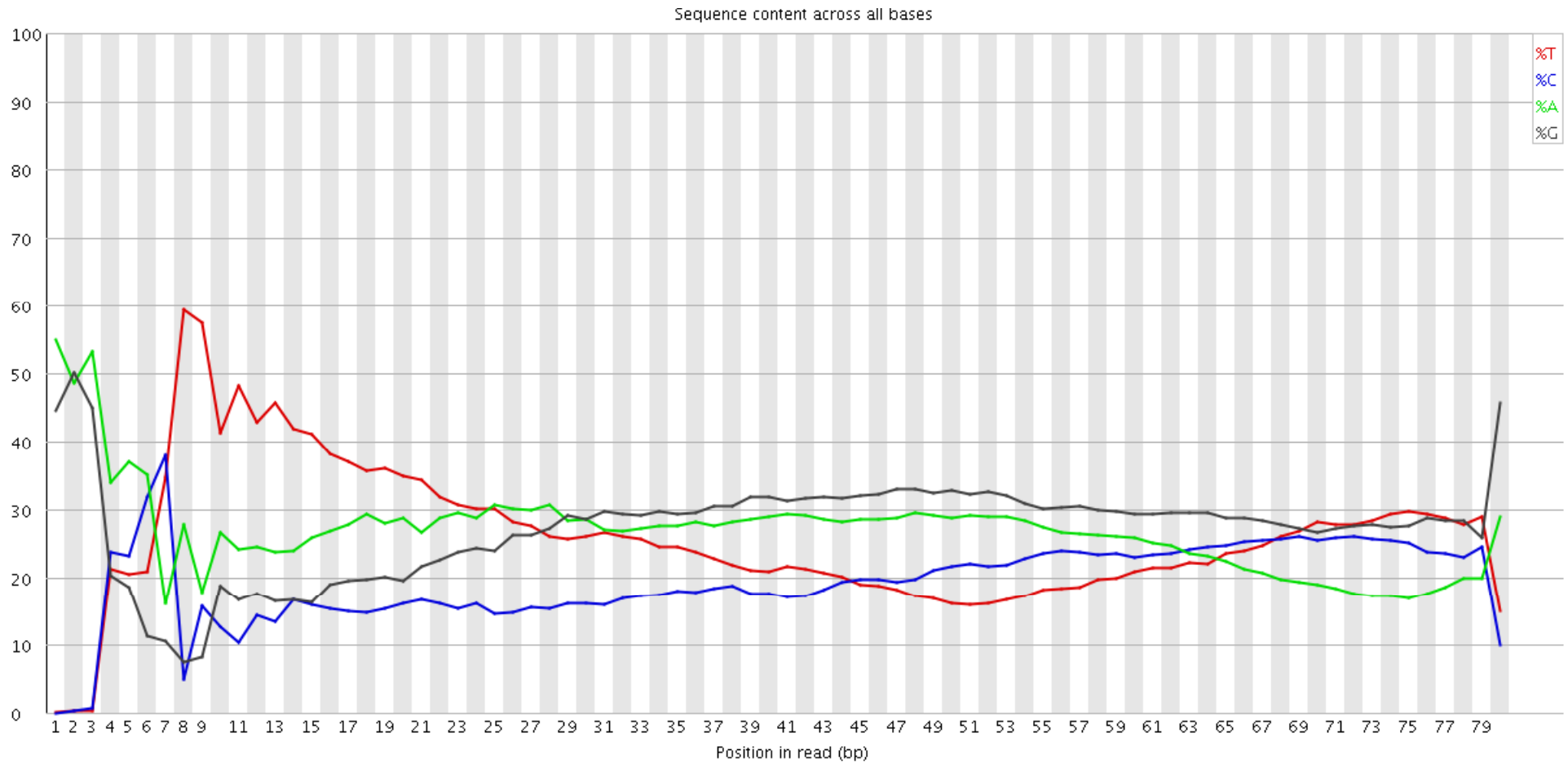
Sequencing Biased libraries

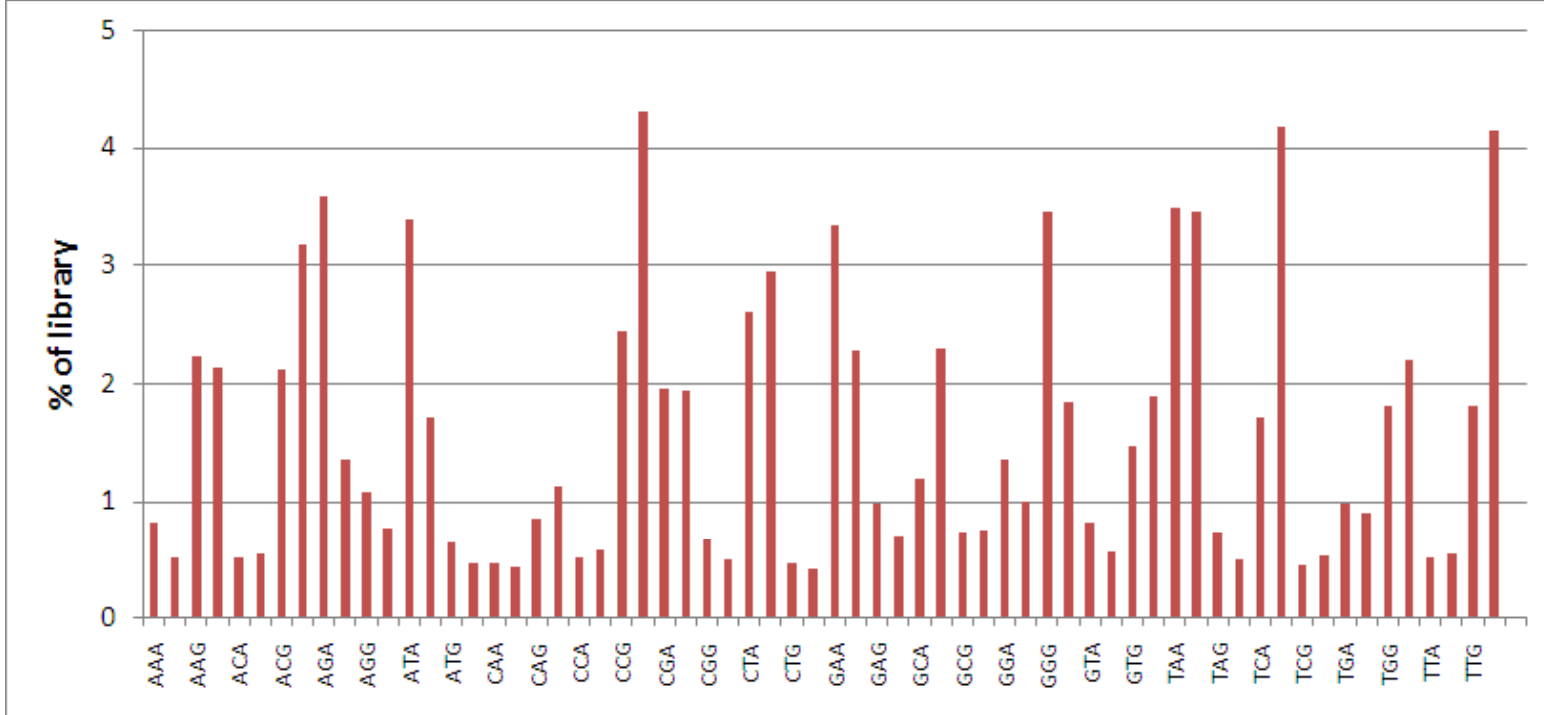
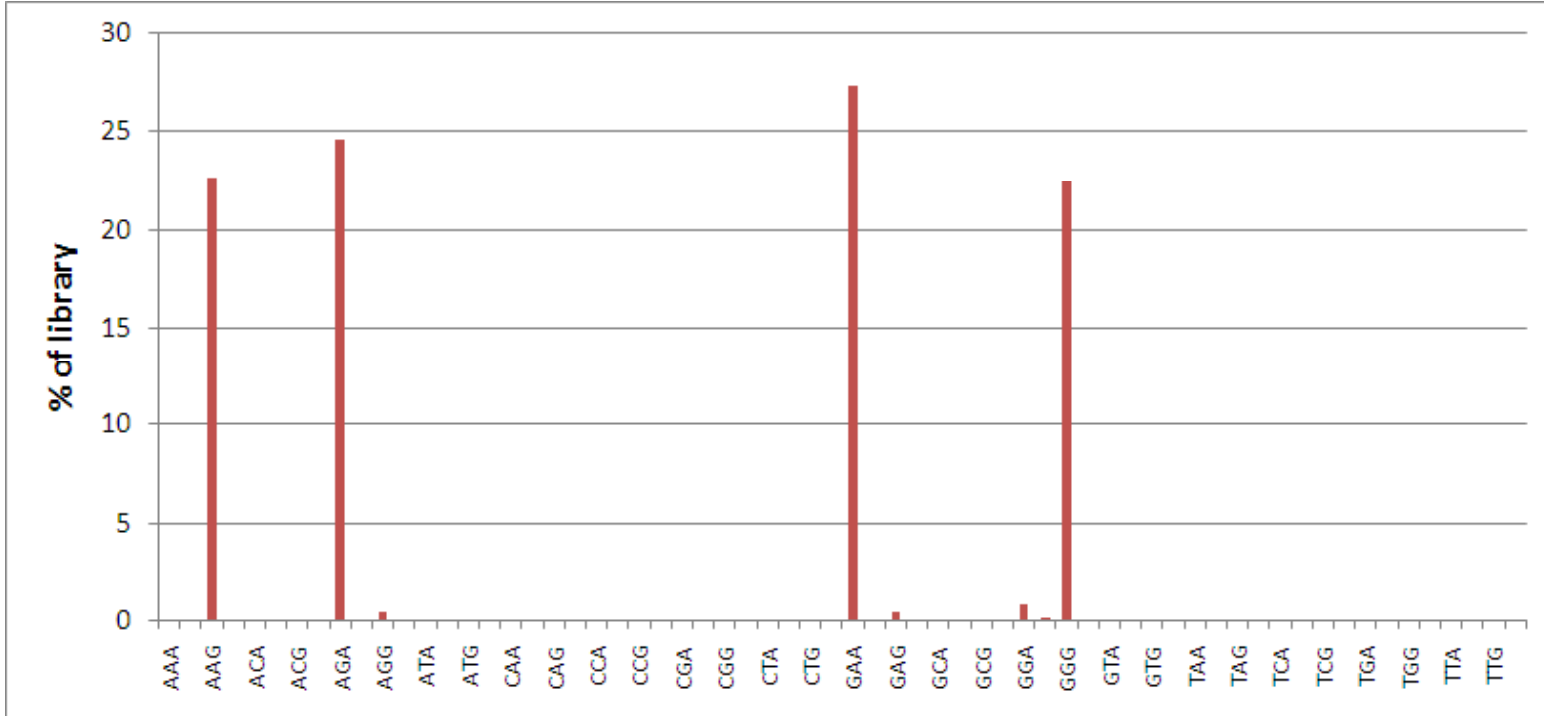
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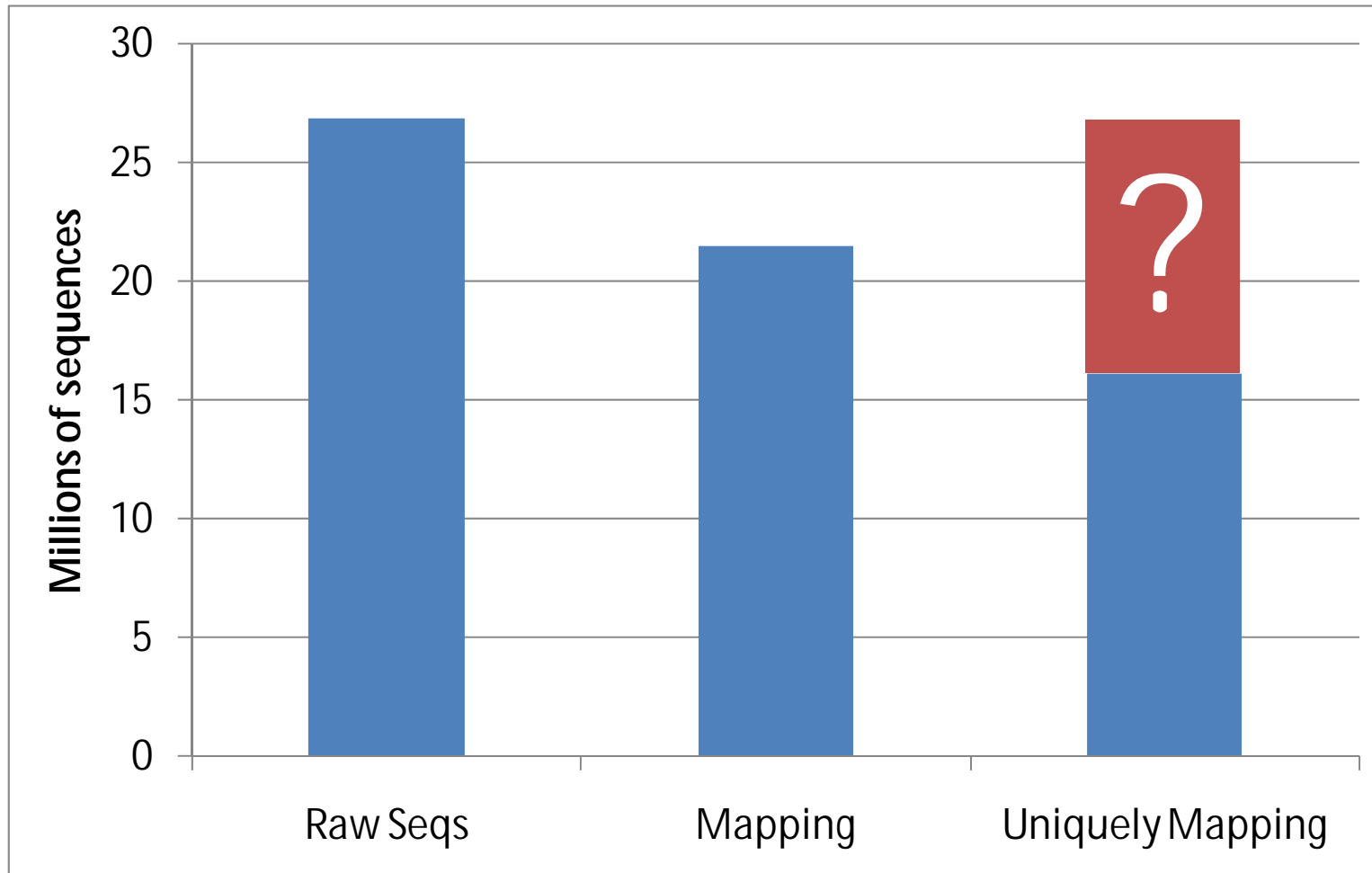


Illumina Pipeline 2: Biased Composition

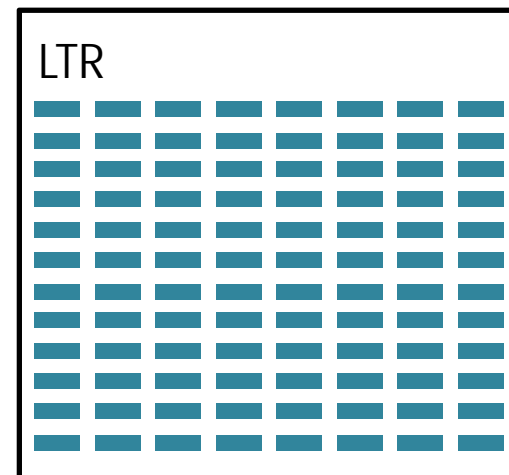
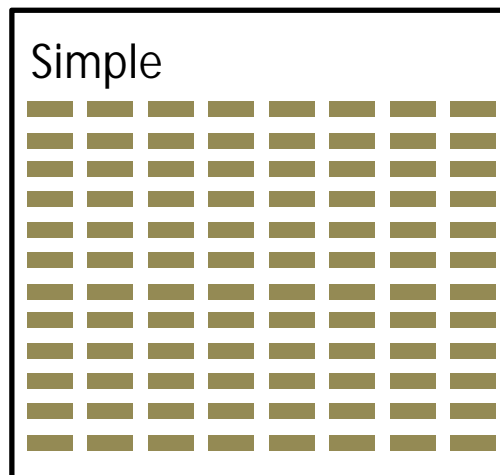
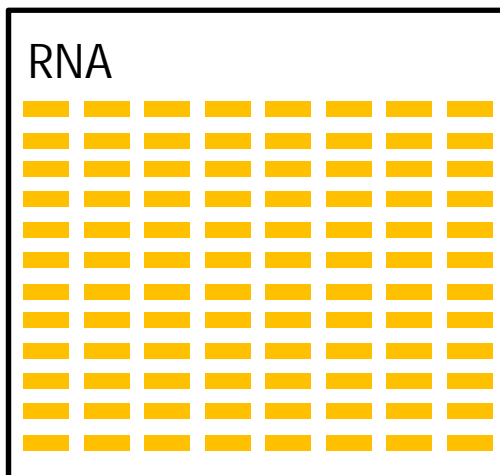
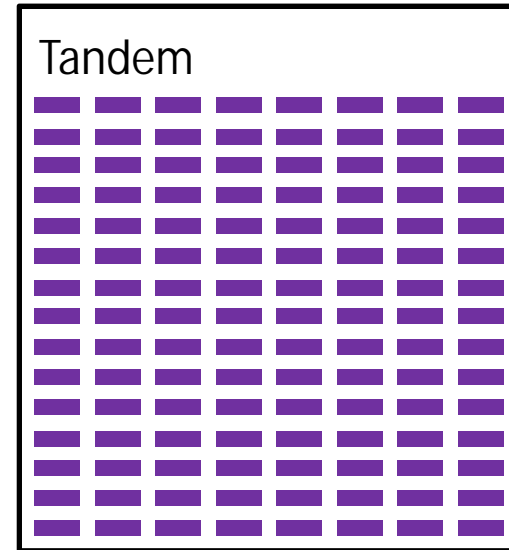
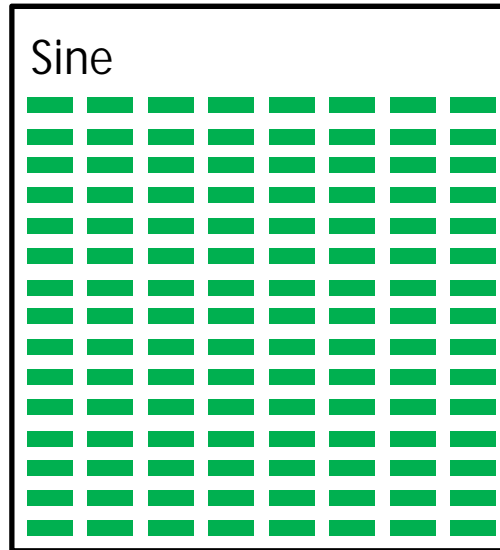
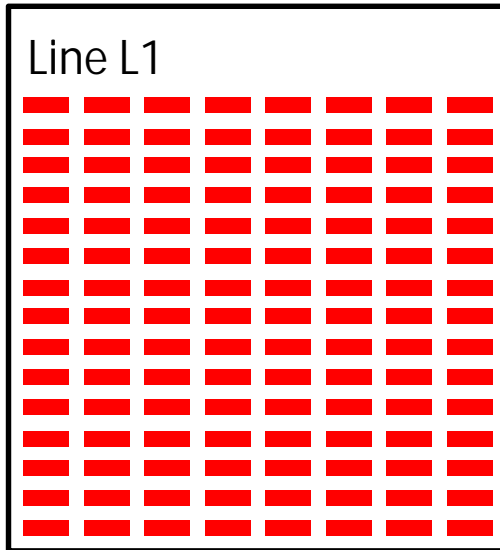




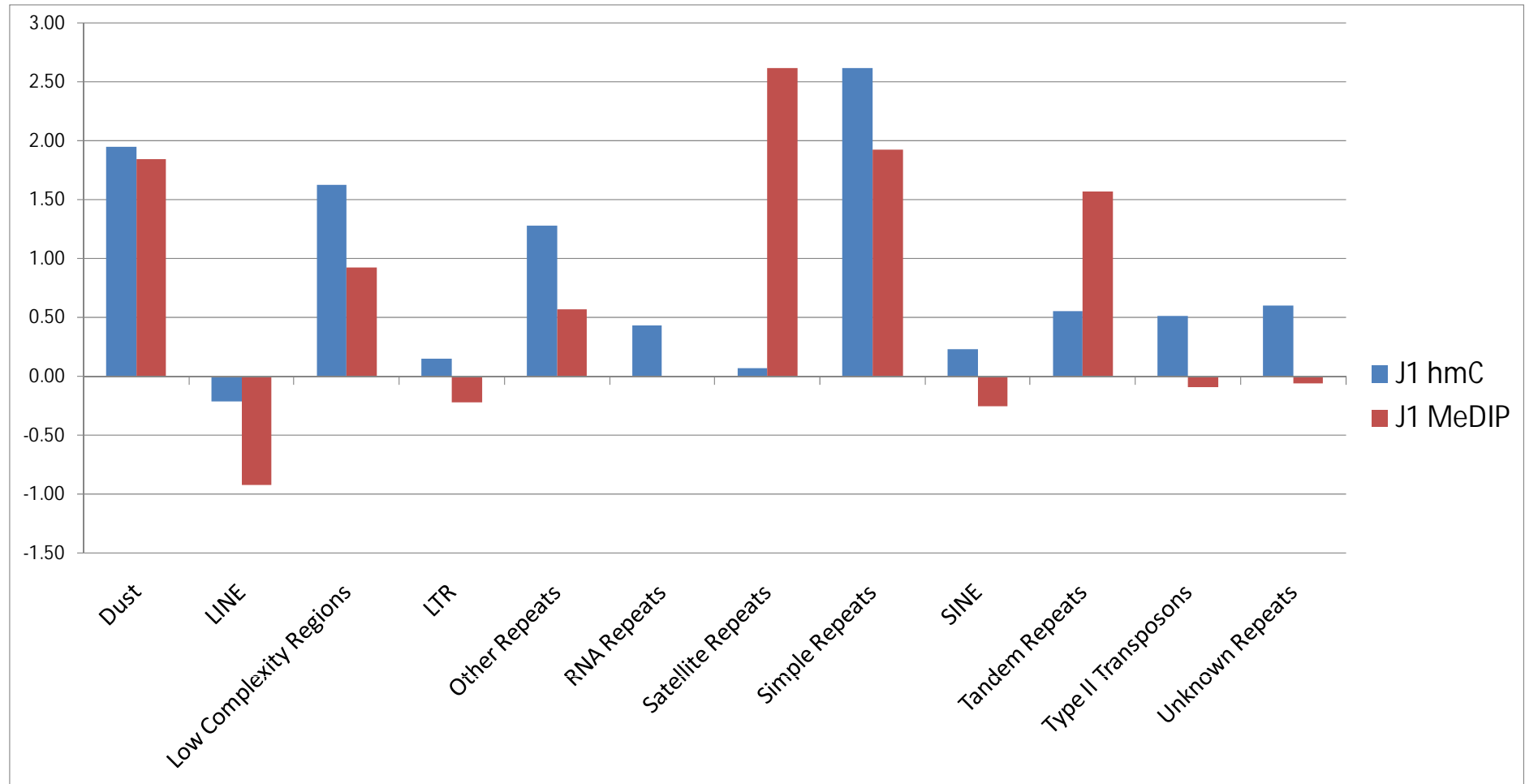
Mapping Pipeline



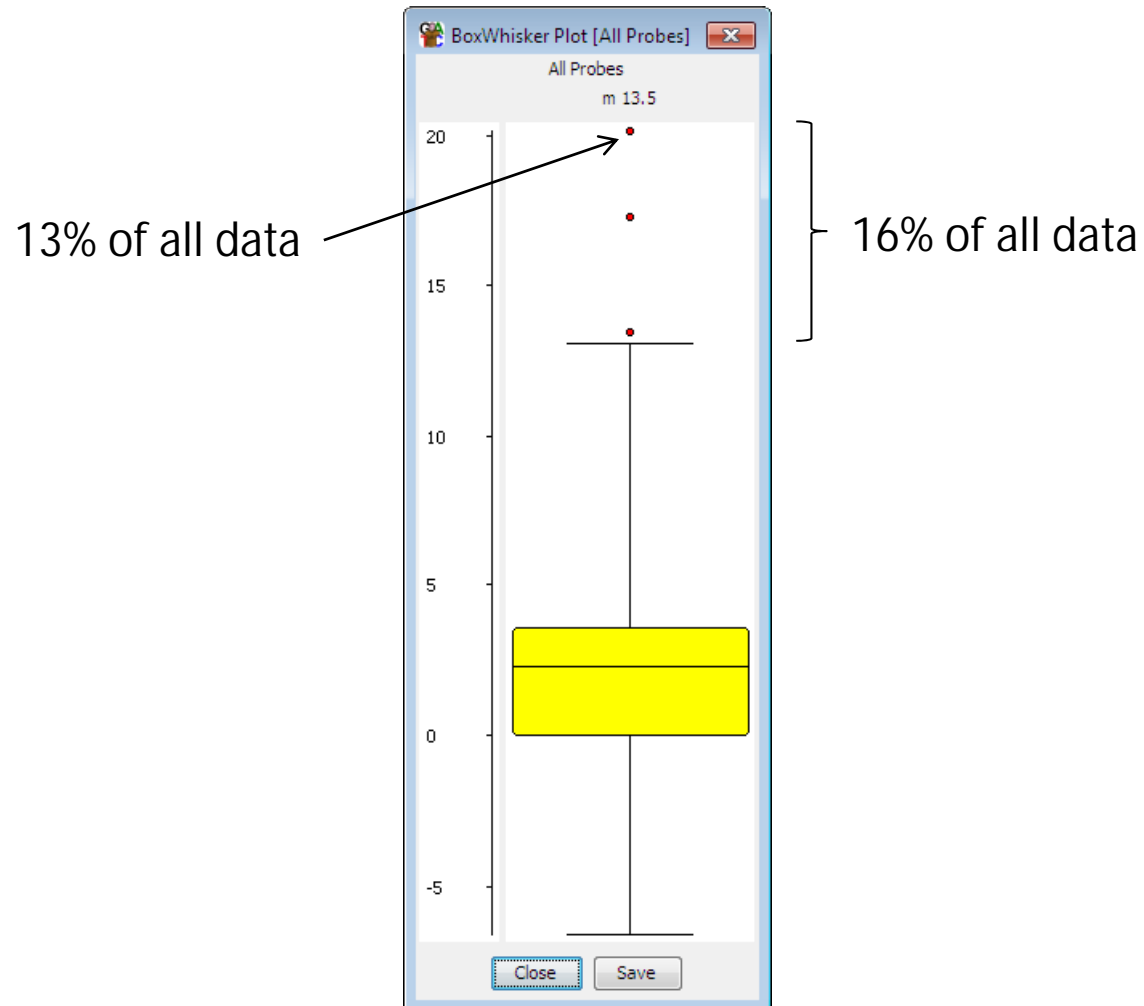
Repeat Mapping Database



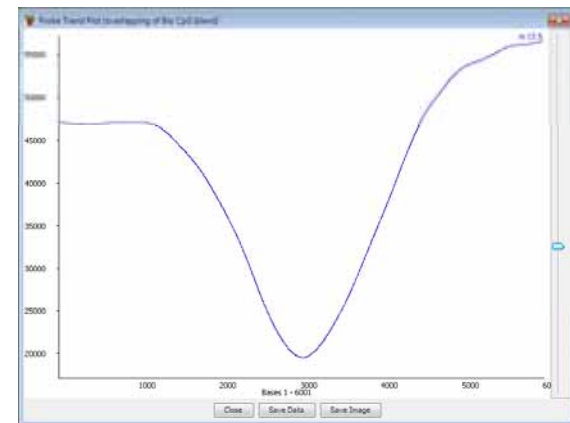
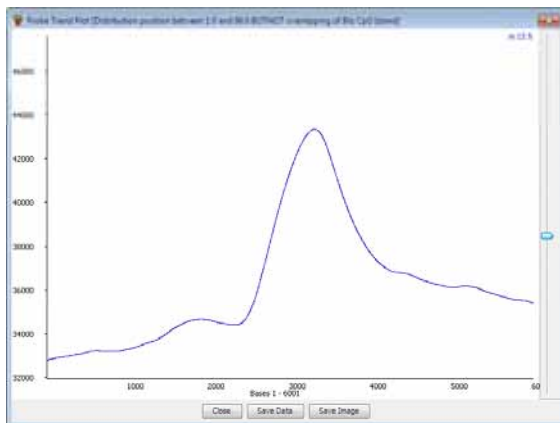
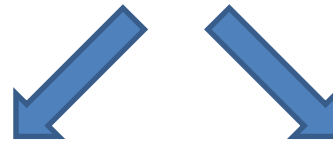
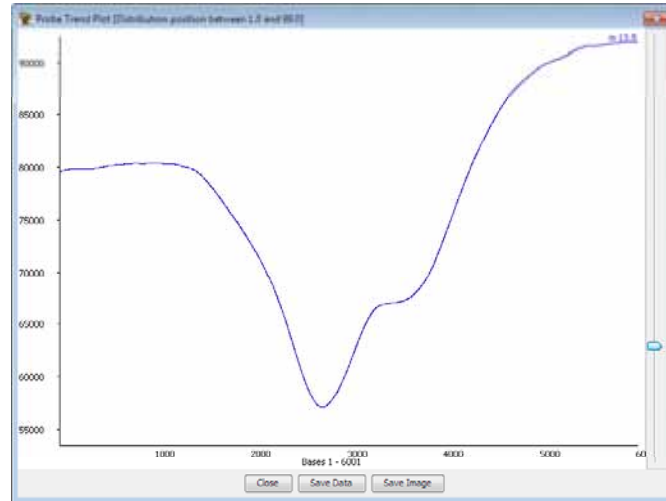
Repeat Mapping Database



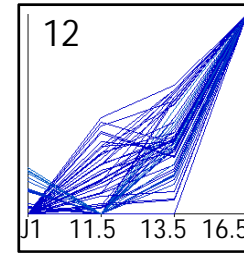
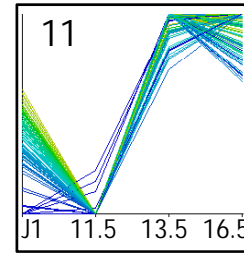
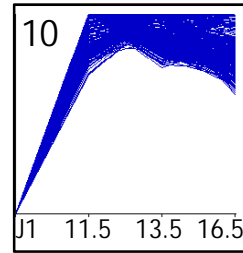
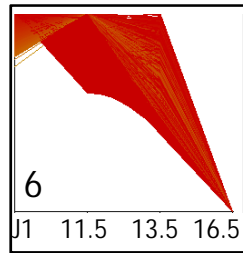
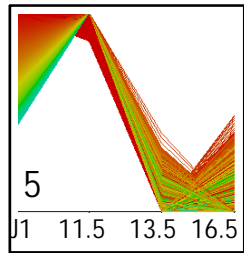
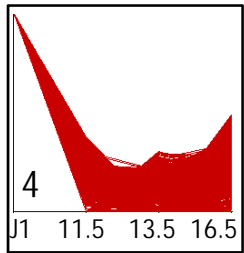
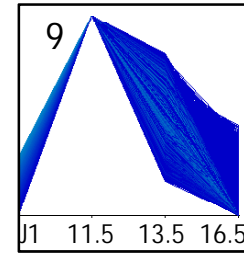
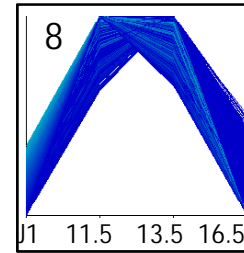
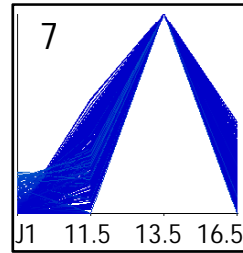
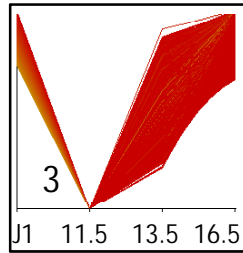
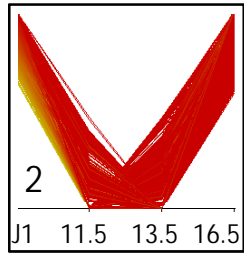
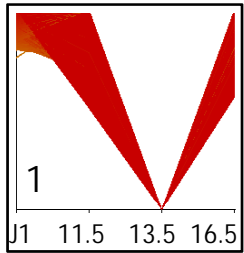
Quantitation – Beware Outliers



Quantitation - Subgroups



Quantitation - Clustering



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