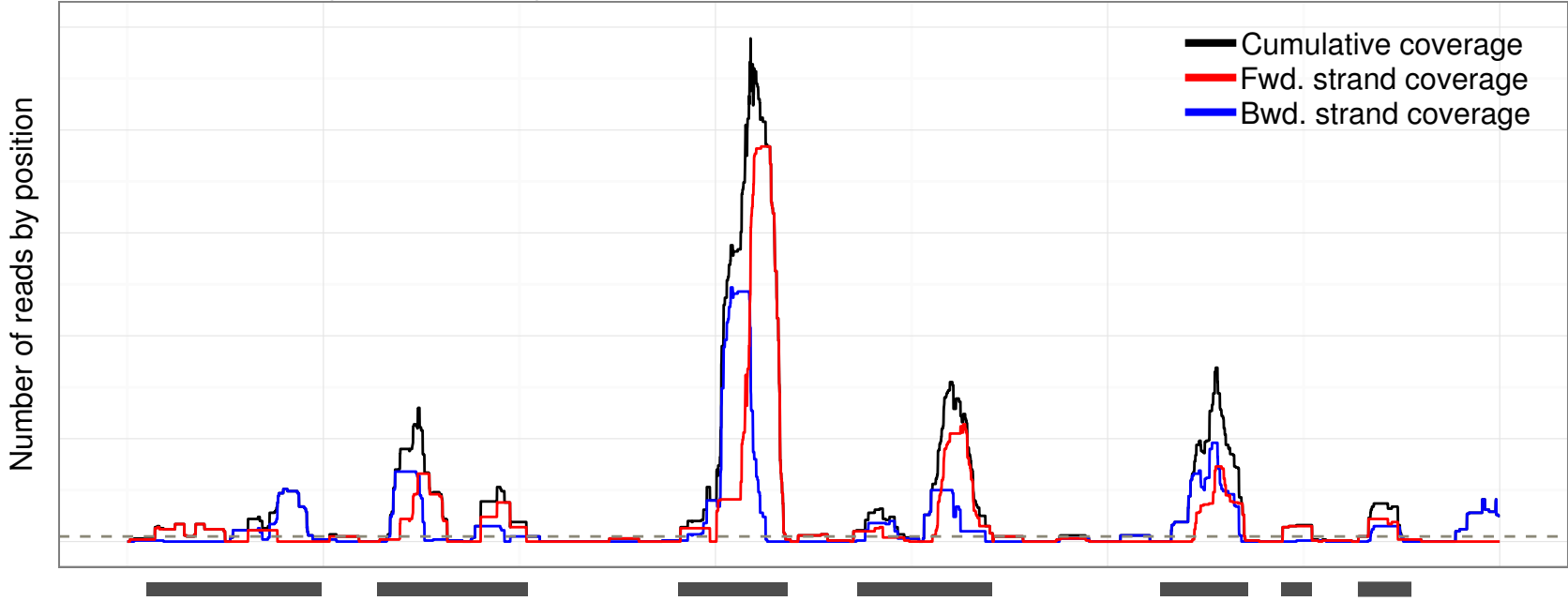
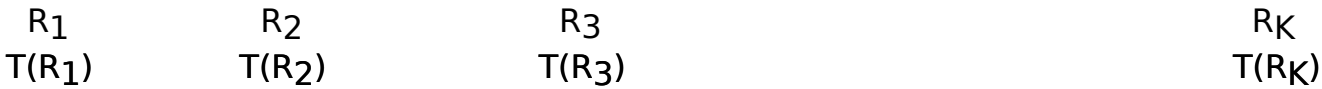


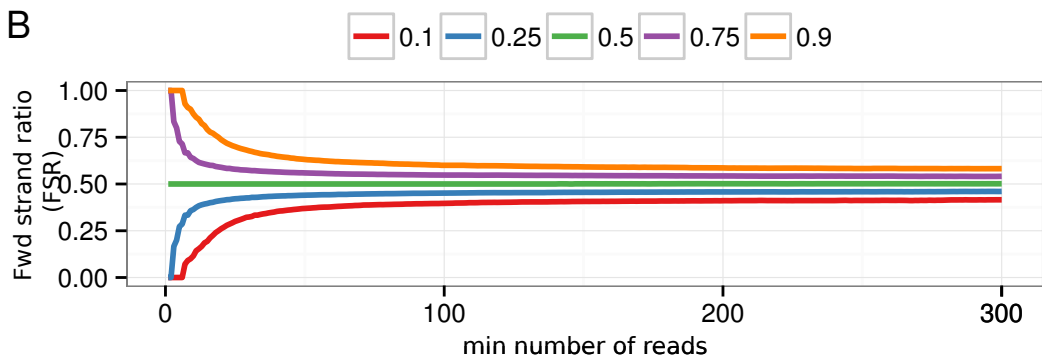
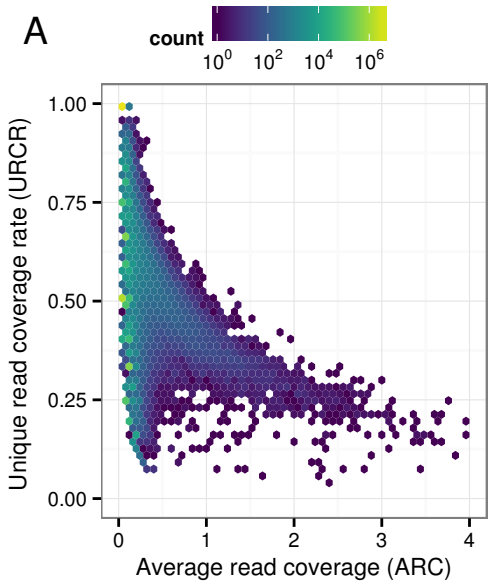
1 - Partitions the genome and generate ChIP-exo islands.



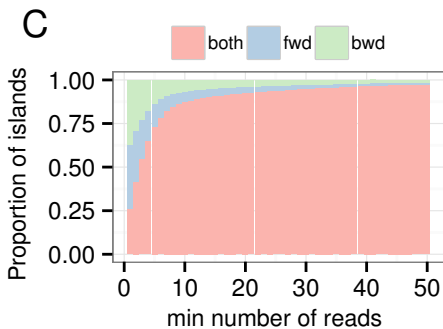
2 - Calculate a vector of summary statistics for each island



3 - Visualize all islands together:



3A - ARC VS URCR - This plot gives a global view of the balance between library complexity and enrichment. There are two arms, one with low ARC, which corresponds to regions formed by few aligned positions, and the other where the URCR decreases as the ARC increases.



3B - Min depth VS FSR - This plot gives an idea of how quickly the distribution of the FSR approximates the median. In a good sample, the median is approx. 0.5, and the other quantiles reach that value quickly.

3C - Min depth VS Proportion of Islands - This plot gives a more detailed view of the FSR. For islands with a low amount of reads, it is common to contain only reads from one strand. Hence, it compares the percentage of islands that contain at least one read of each strand vs the regions that consist of only reads with only one strand.