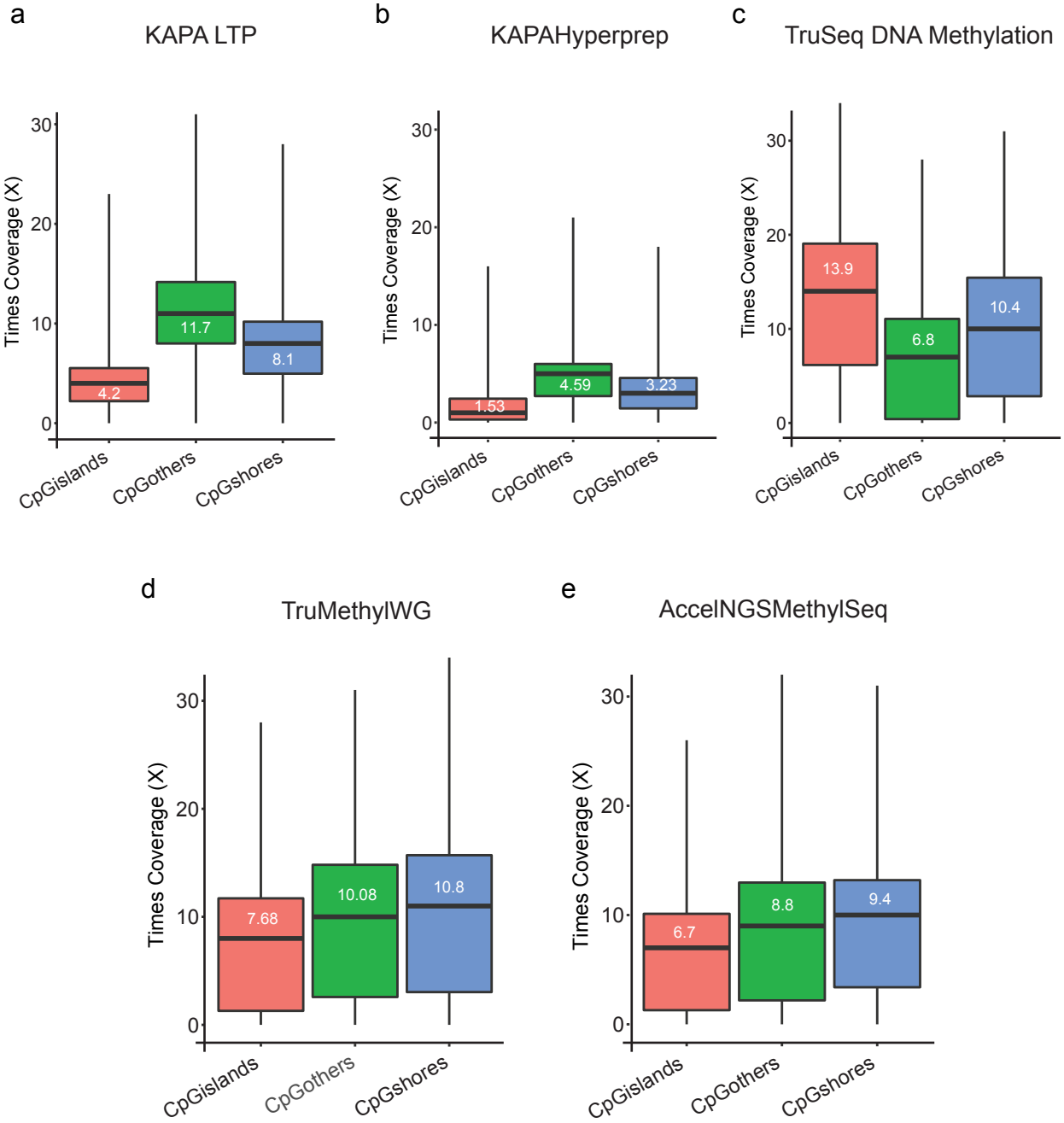
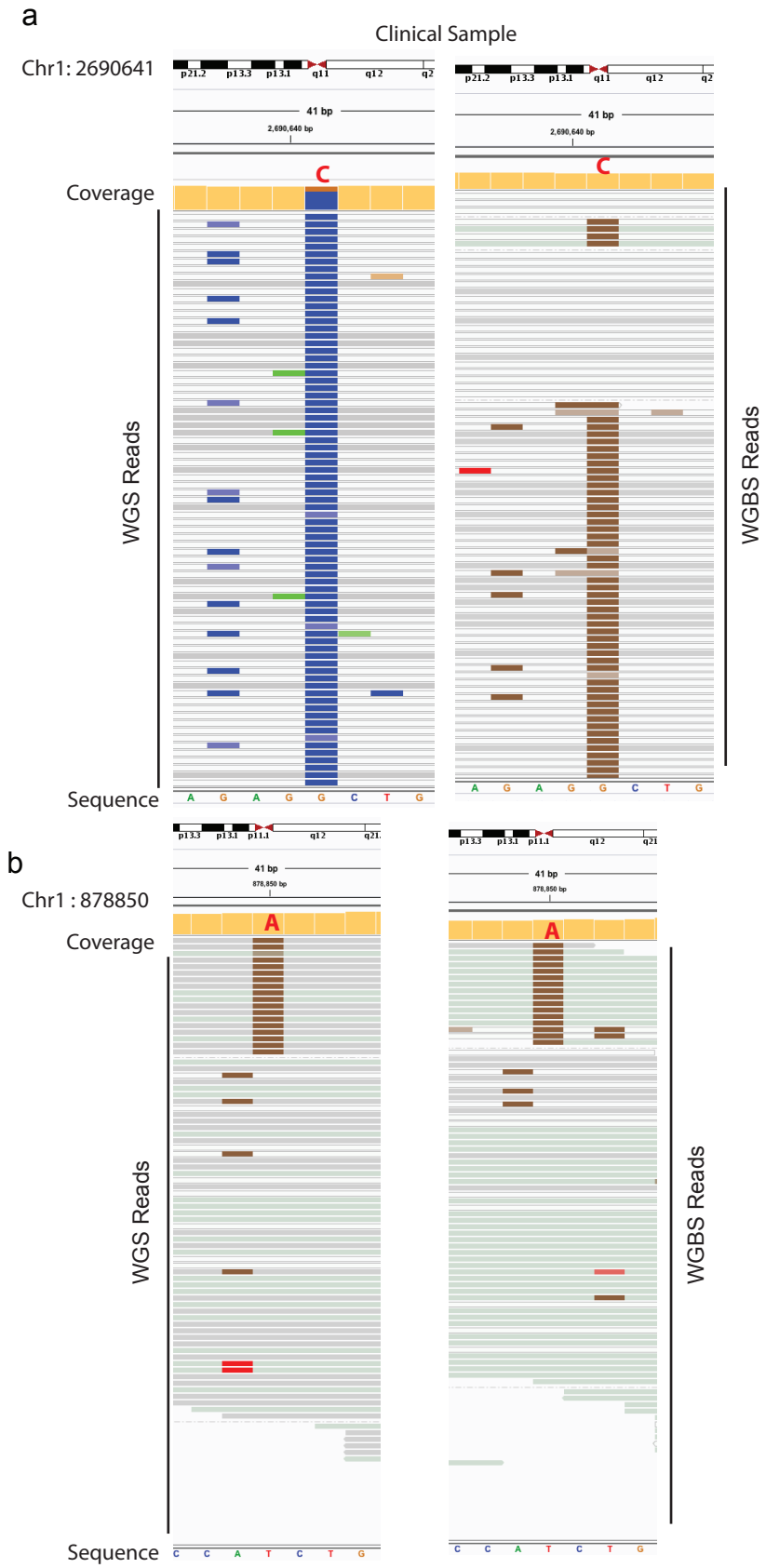
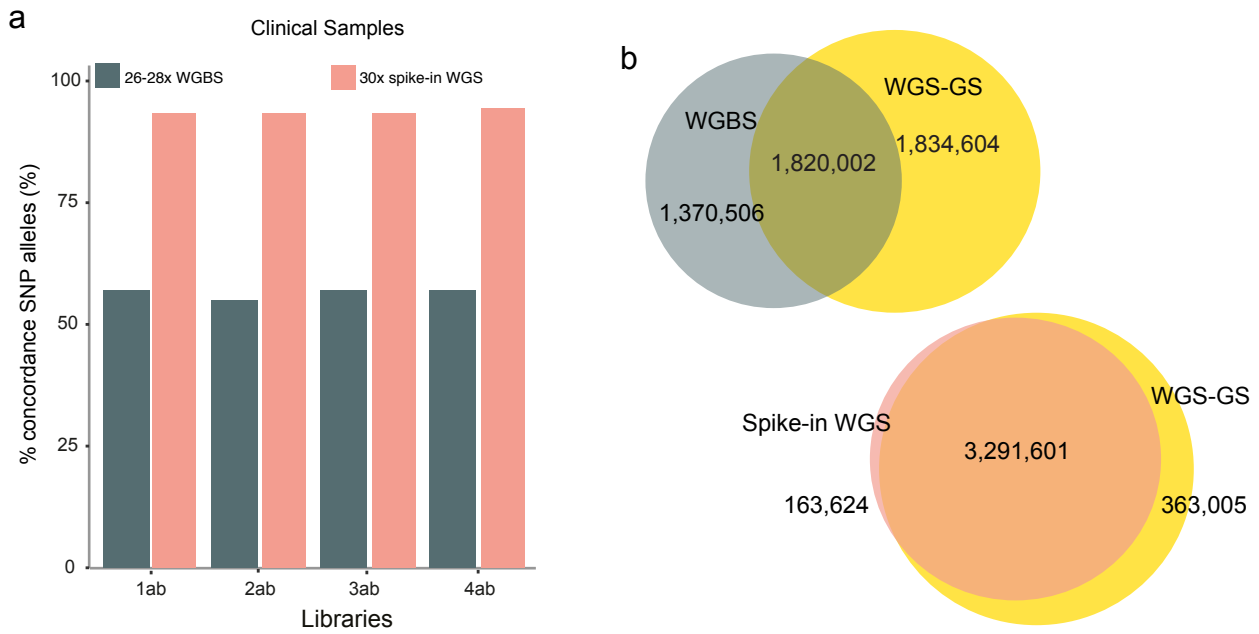
Supplementary Figure 1



Supplementary Figure 2

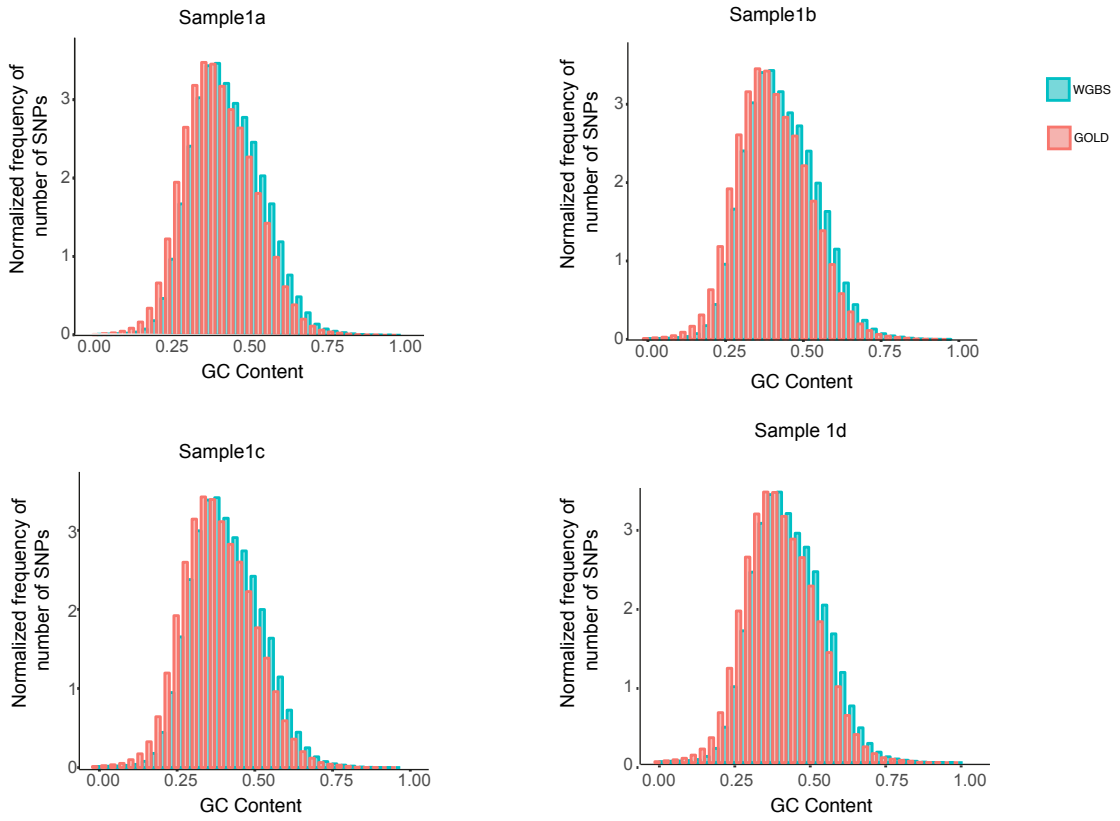


Supplementary Figure 3



Supplementary Figure 4

a



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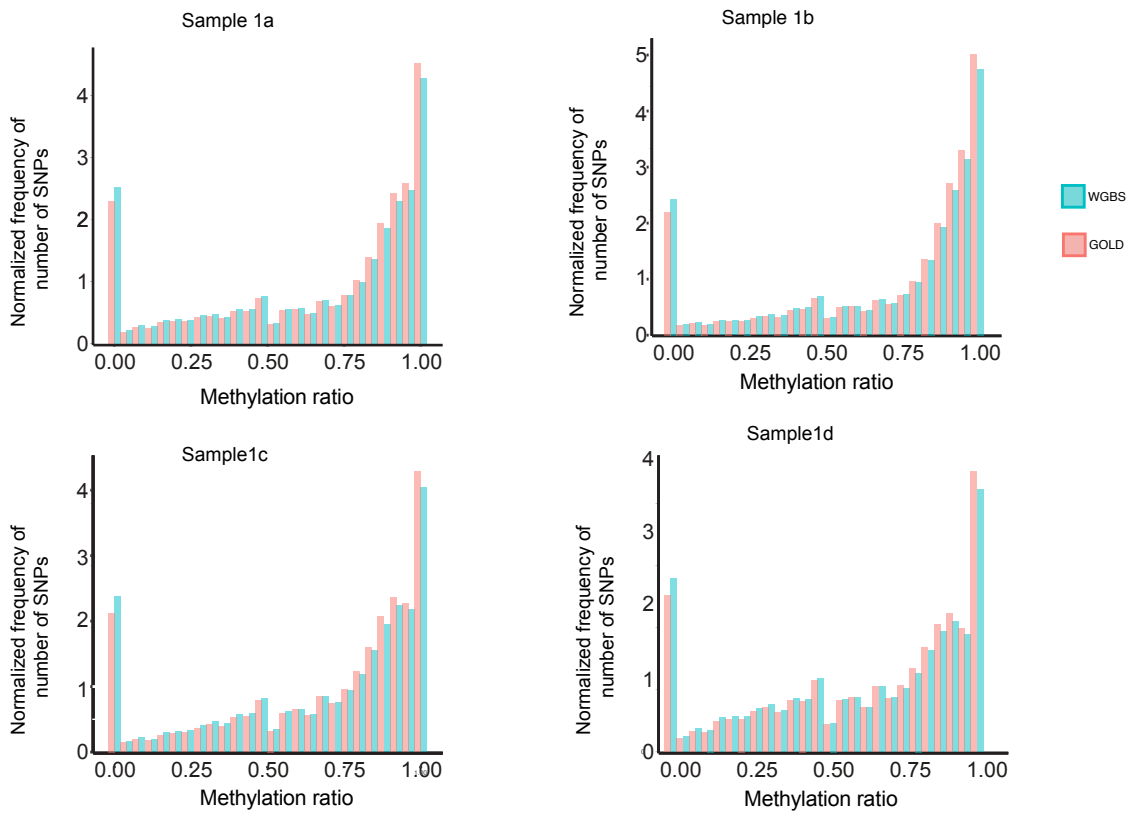
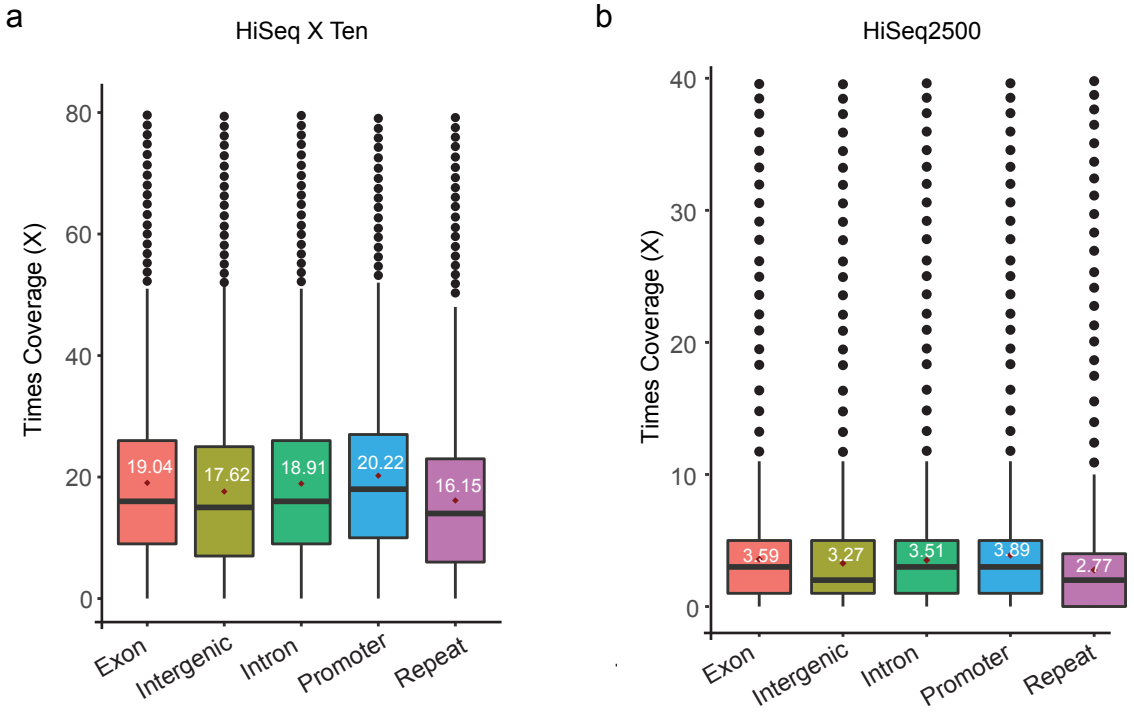
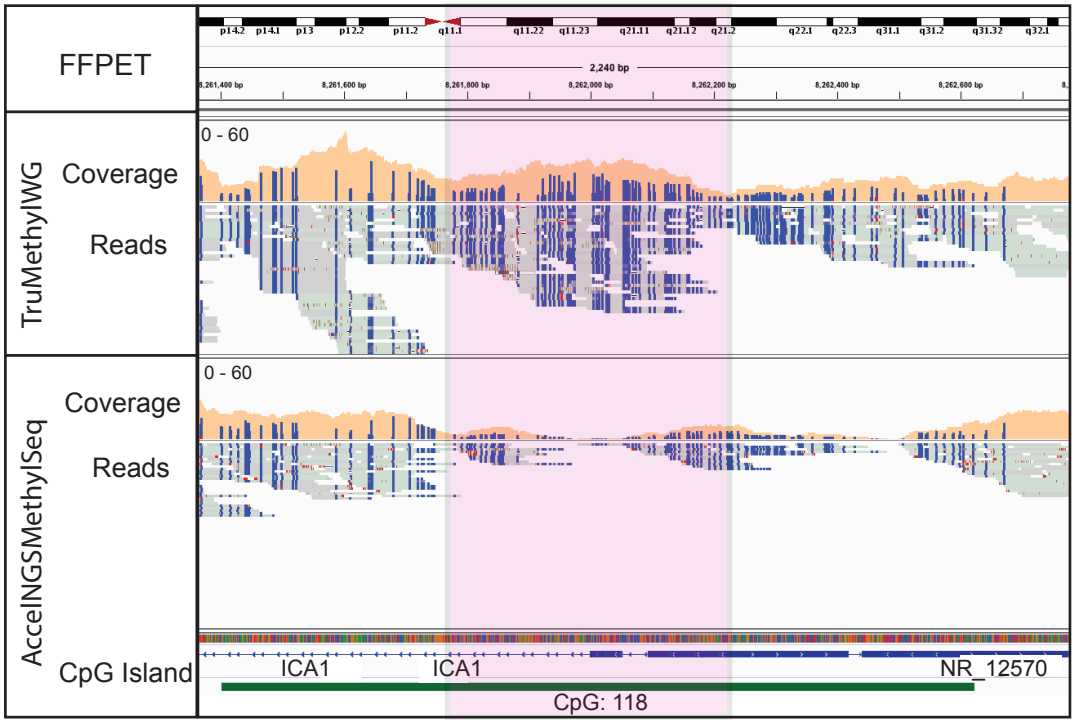


Supplementary Figure 5



Supplementary Fig 6

a



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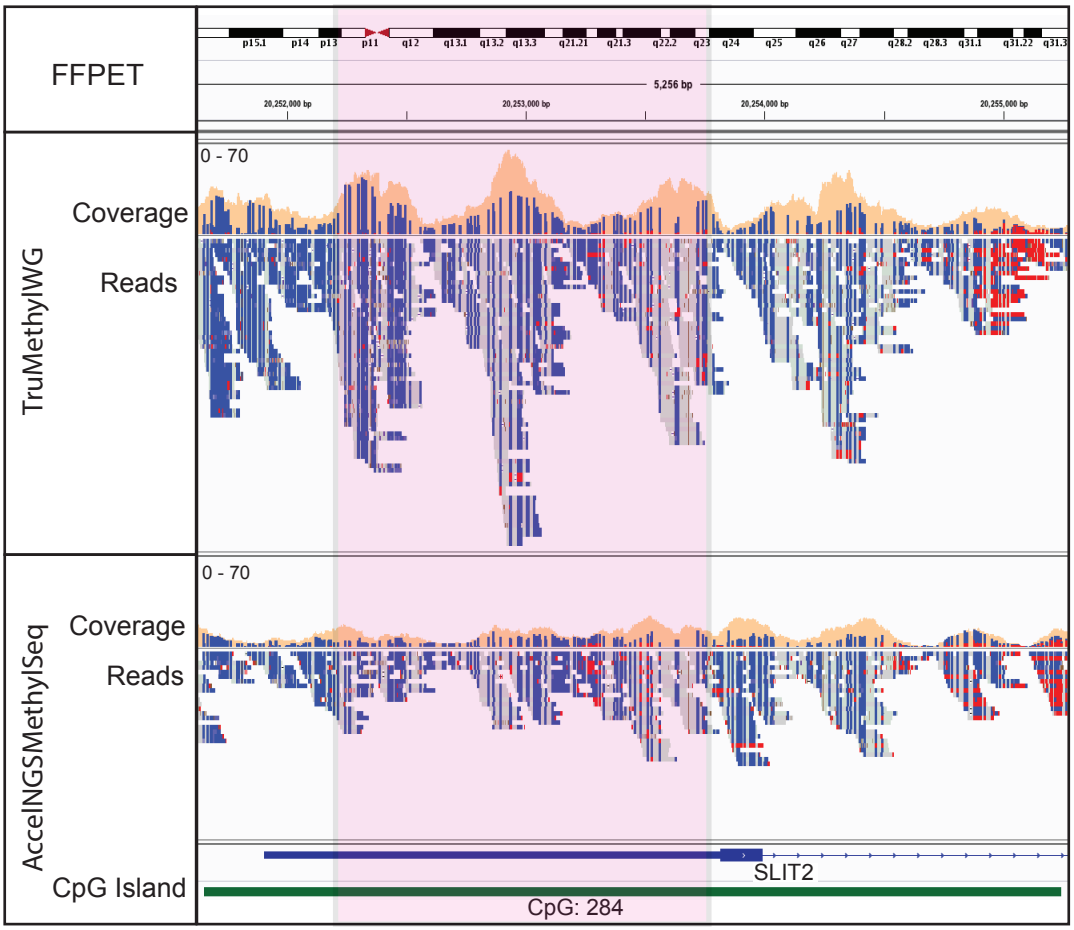
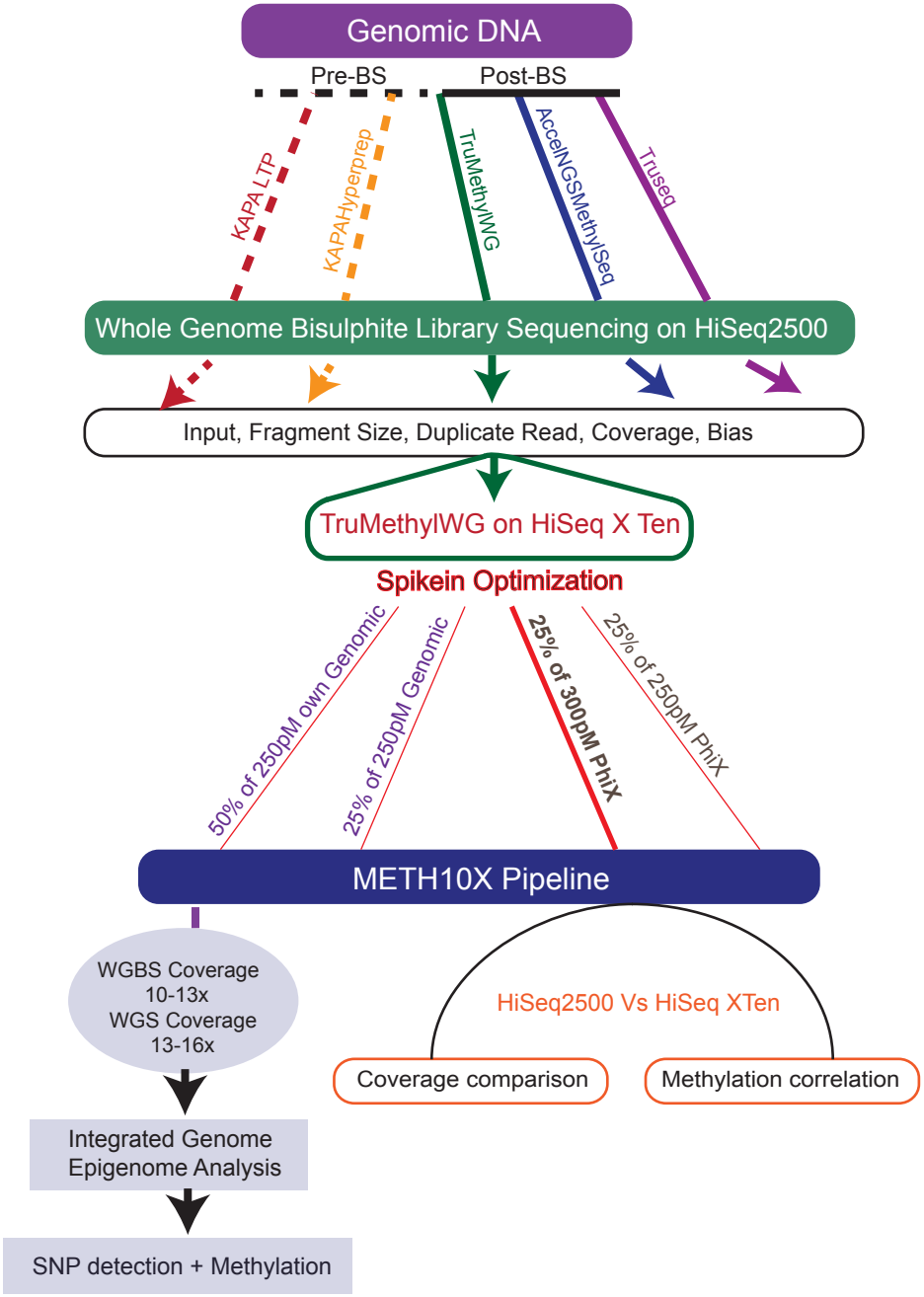
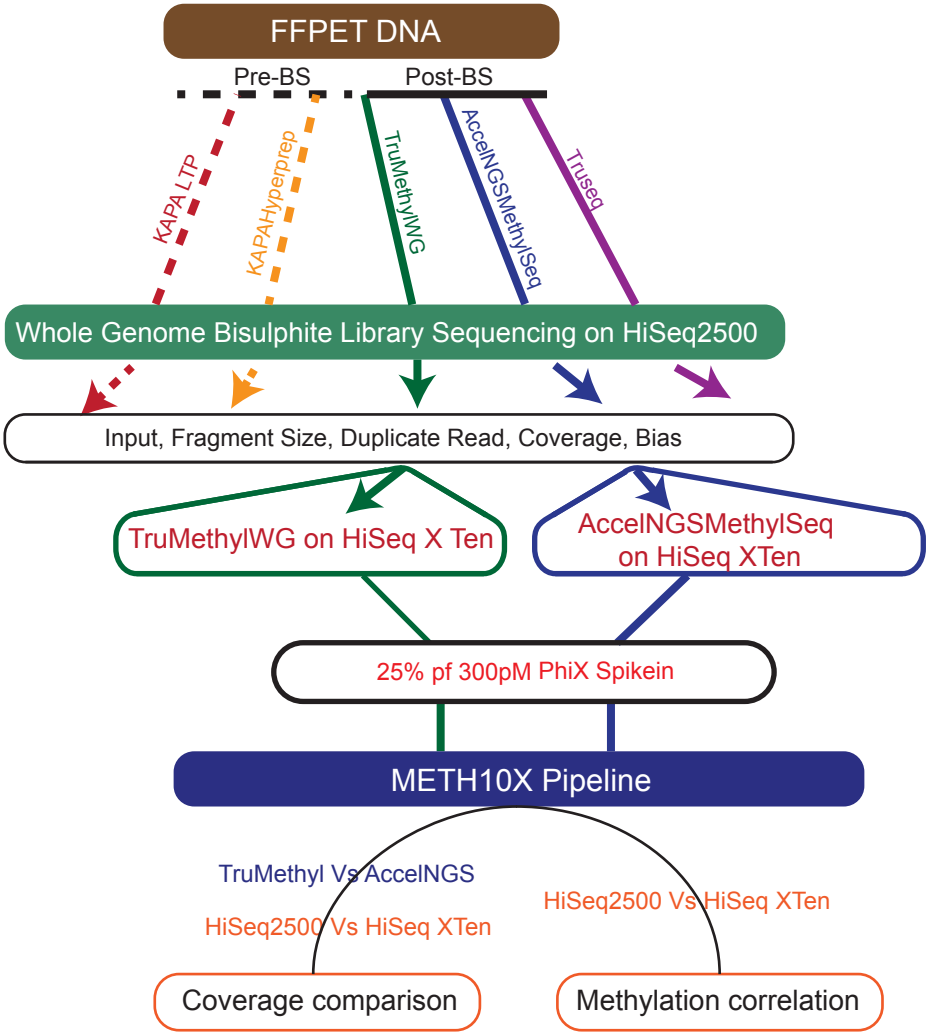


Supplementary Figure 7a



Supplementary Figure 7b