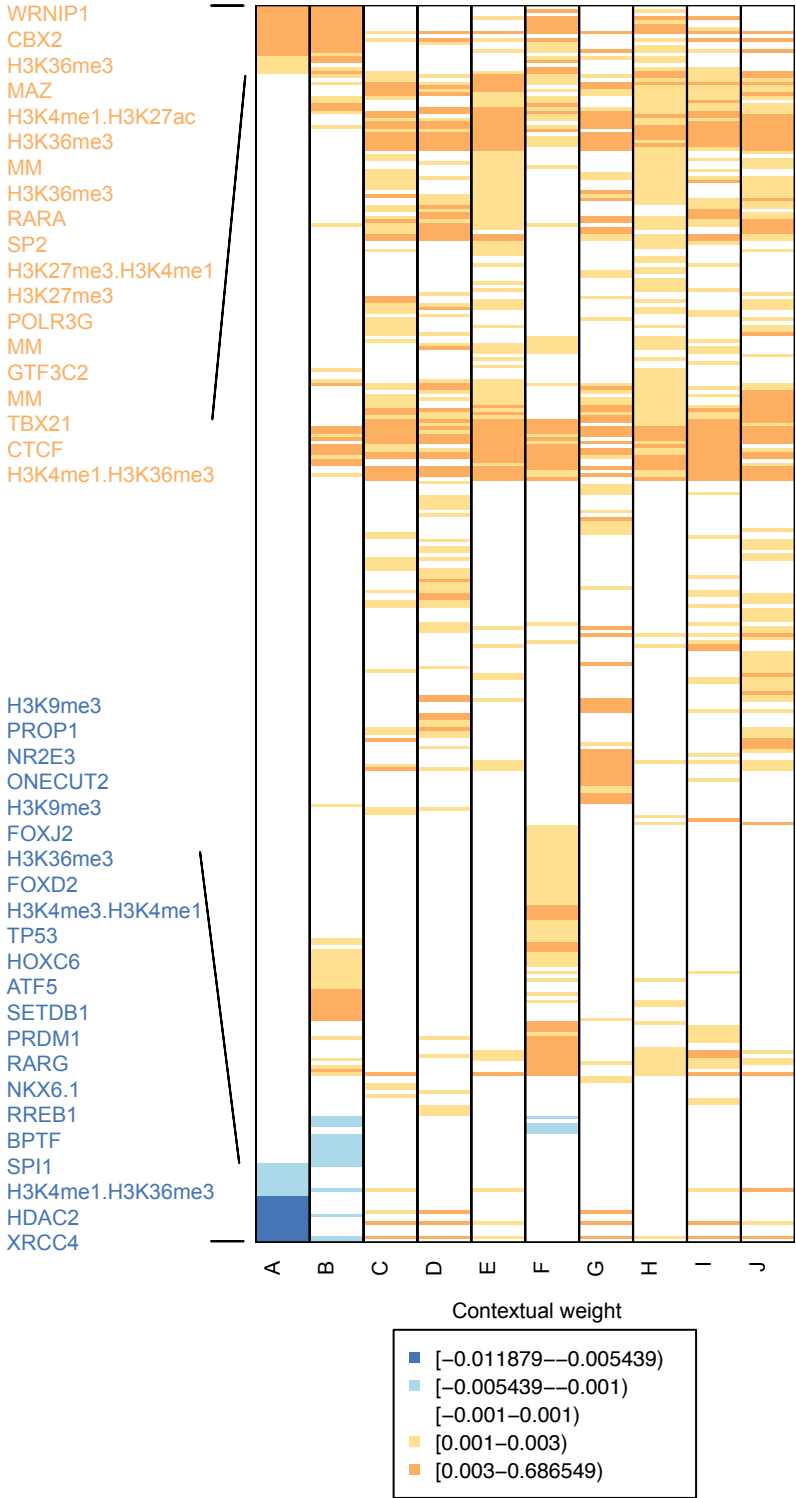
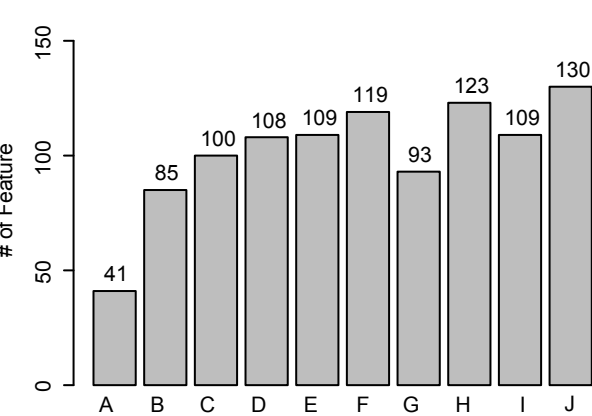


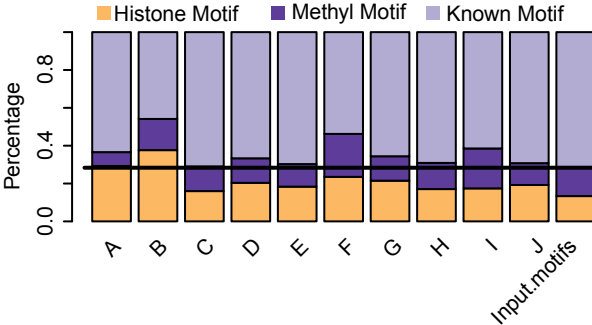
**a The important motifs in the 10 groups**



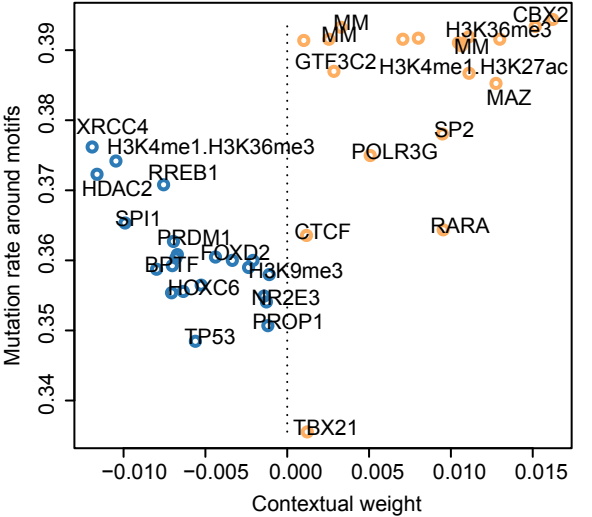
**b The numbers of important motifs in each group**



**c The percentages of motifs in each category**



**d Contextual weight vs mutation rate for important motifs in group A**



**e Mutation rates around motifs in group A**

