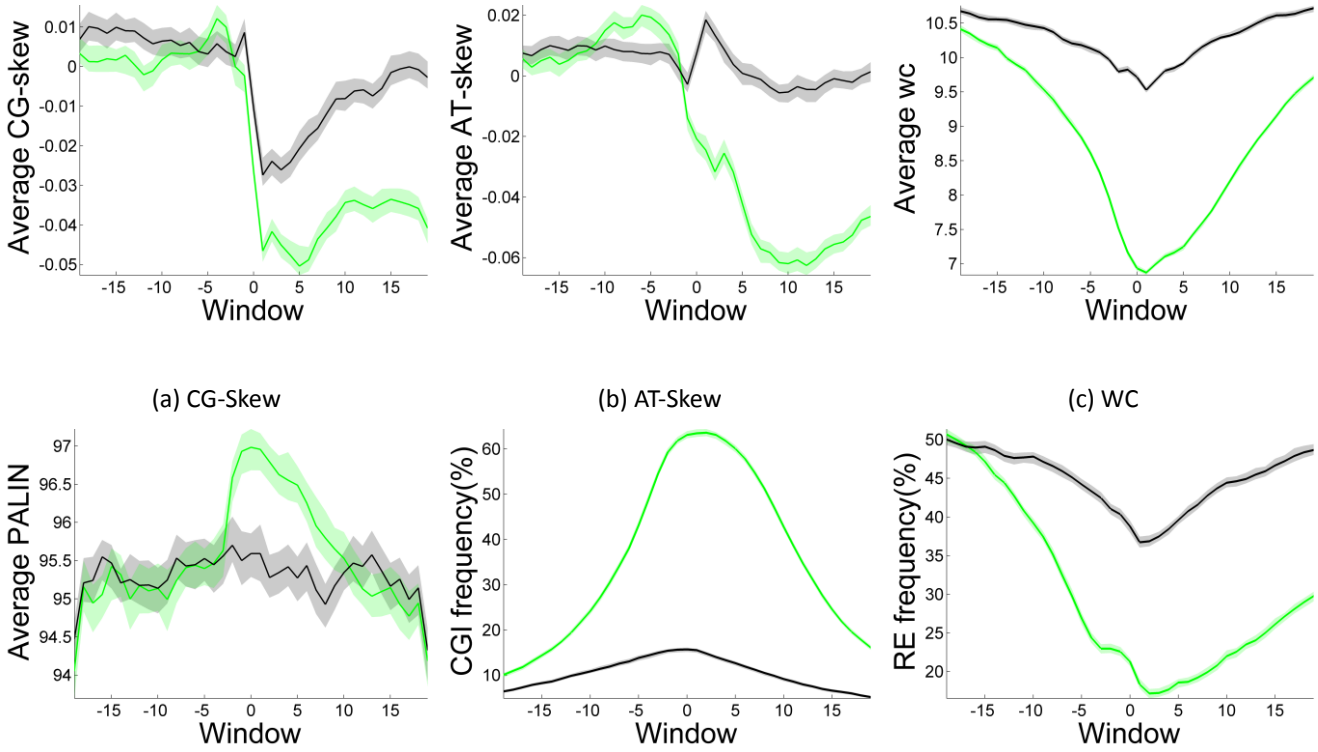
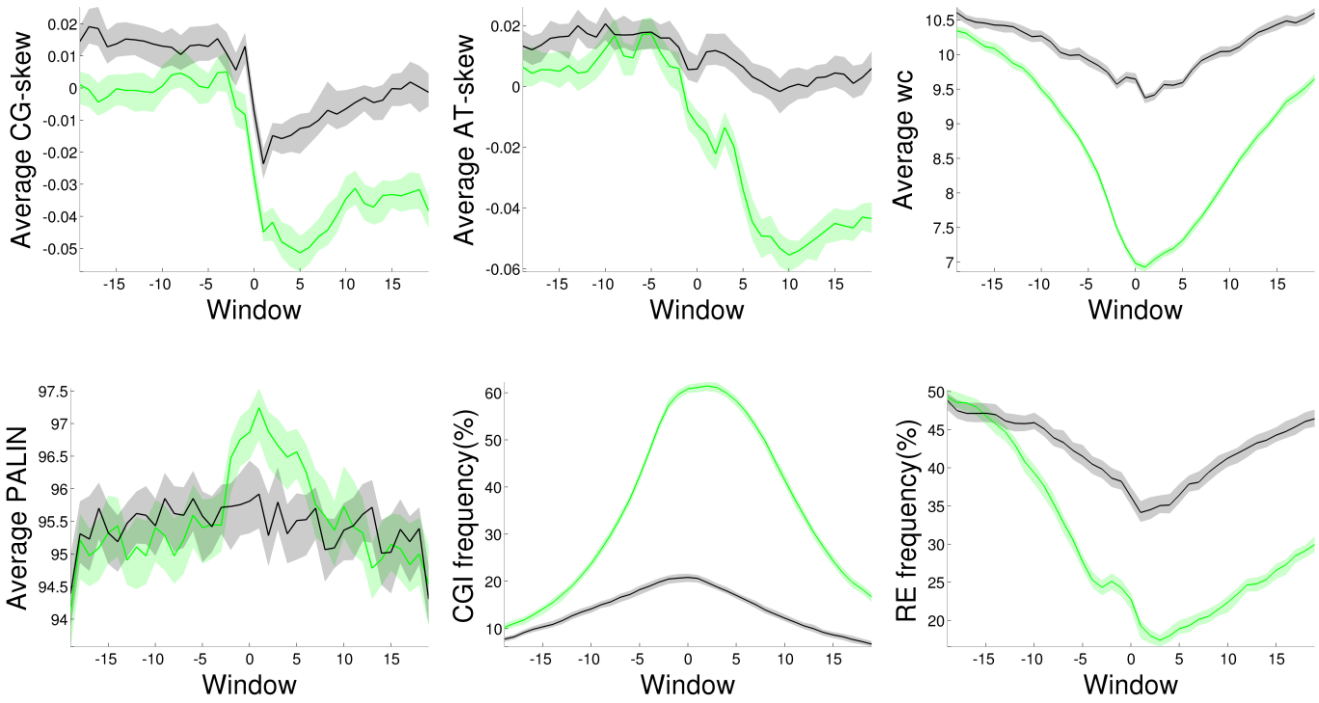


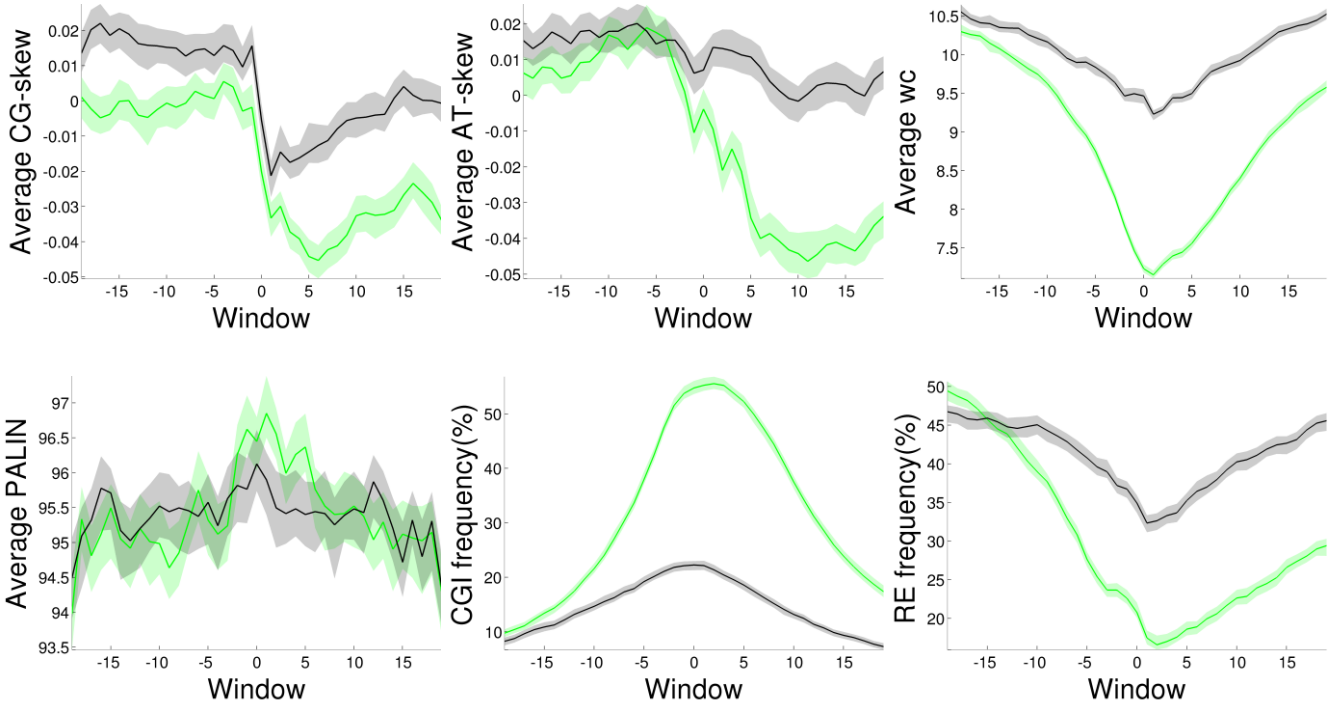
(a) CG-Skew (b) AT-Skew (c) WC

(d) Palindromes (e) CGI (f) Repeat Elements

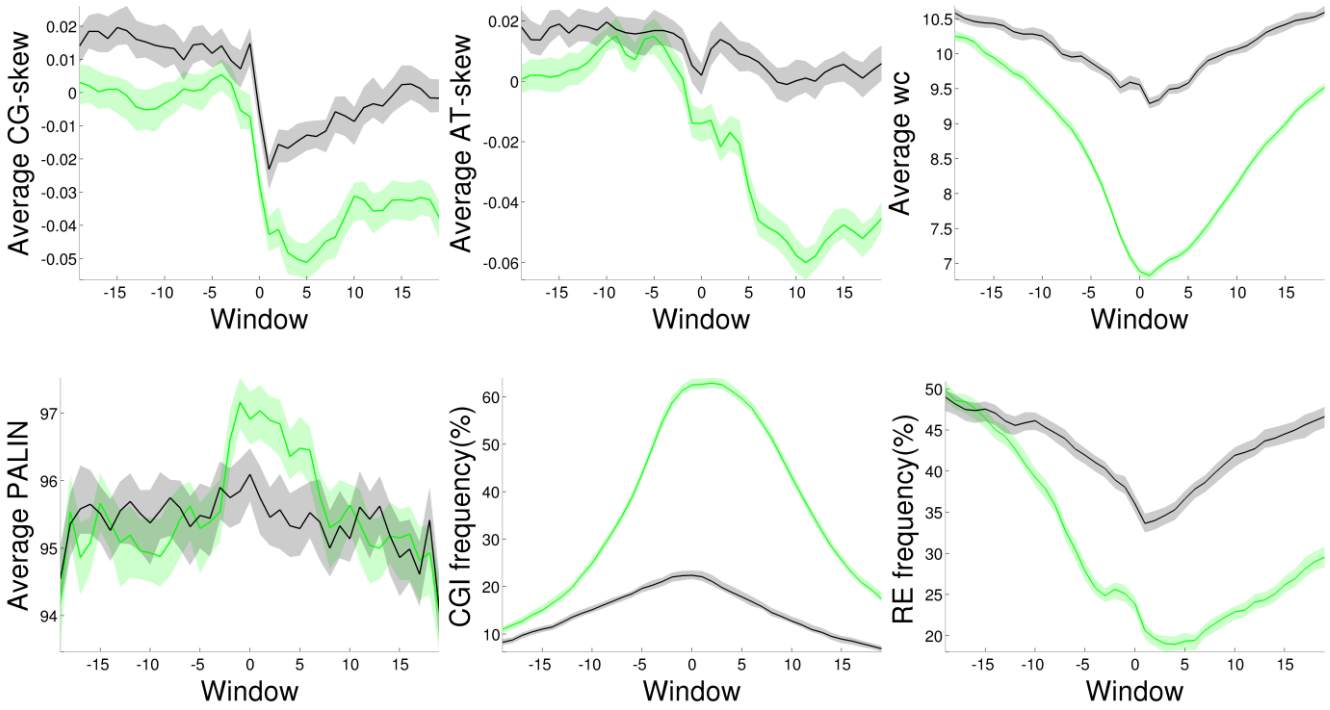
I). DNA feature distributions in a sliding window of 100 bp with a step of 50 bp in the promoters of protein-coding and lncRNAs for complete promoter set (CPS). Green line corresponds to promoters of protein-coding genes; black line corresponds to lncRNAs gene promoters. Transparent regions correspond to 5-95% bootstrap confidence interval.



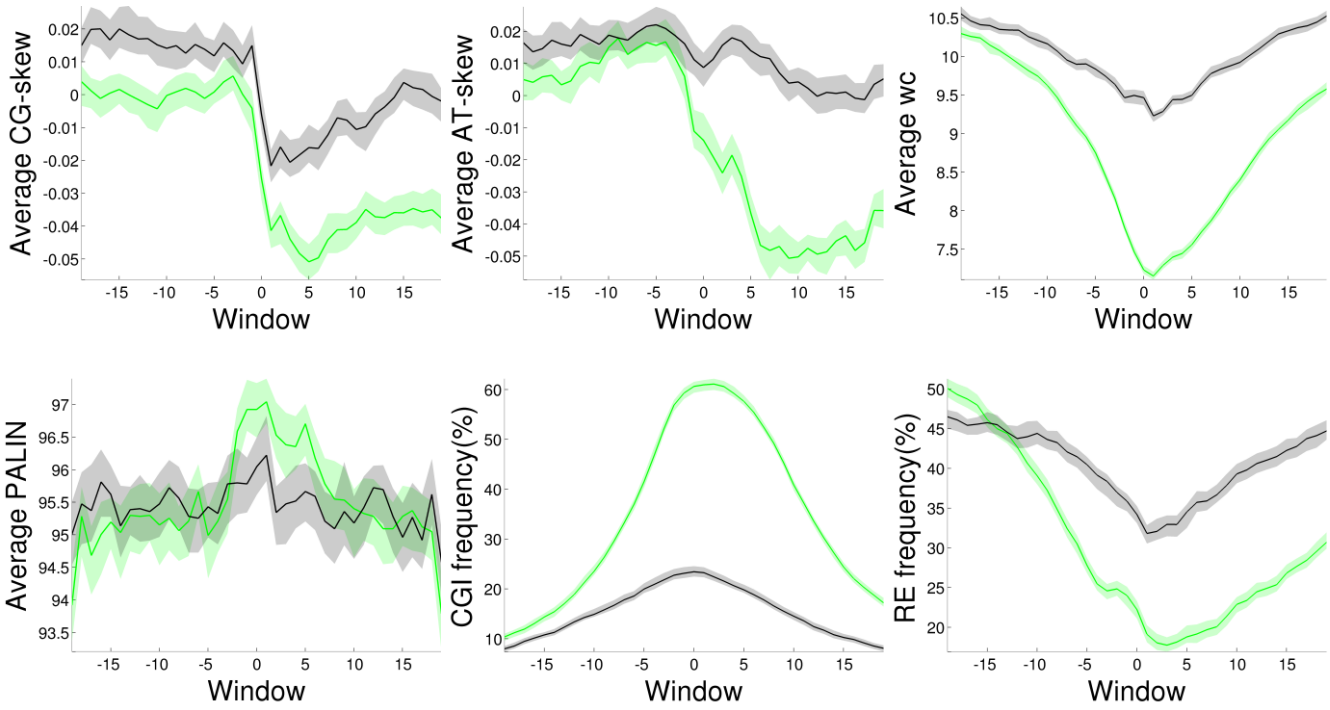
II) DNA feature distributions in a sliding window of 100 bp with a step of 50 bp in the promoters of non-zero similarly expressed protein-coding genes and lncRNA genes in cell line Gm12878.



III) DNA feature distributions in a sliding window of 100 bp with a step of 50 bp in the promoters of non-zero similarly expressed protein-coding genes and lncRNA genes in cell line H1-hESC



IV) DNA feature distributions in a sliding window of 100 bp with a step of 50 bp in the promoters of non-zero similarly expressed protein-coding genes and lncRNA genes in cell line K562



V) DNA feature distributions in a sliding window of 100 bp with a step of 50 bp in the promoters of non-zero similarly expressed protein-coding genes and lncRNA genes in cell line HUVEC

Fig. S1. DNA feature distributions in a sliding window of 100 bp with a step of 50 bp in the promoters of protein-coding and lncRNAs for complete promoter set (CPS). Green line corresponds to promoters of protein-coding genes; black line corresponds to lncRNAs gene promoters. Transparent regions correspond to 5-95% bootstrap confidence interval. Figure I considers all protein-coding and lncRNA genes in CPS and Figure II- V shows the distribution for non-zero similarly expressed genes in cell specific manner.