

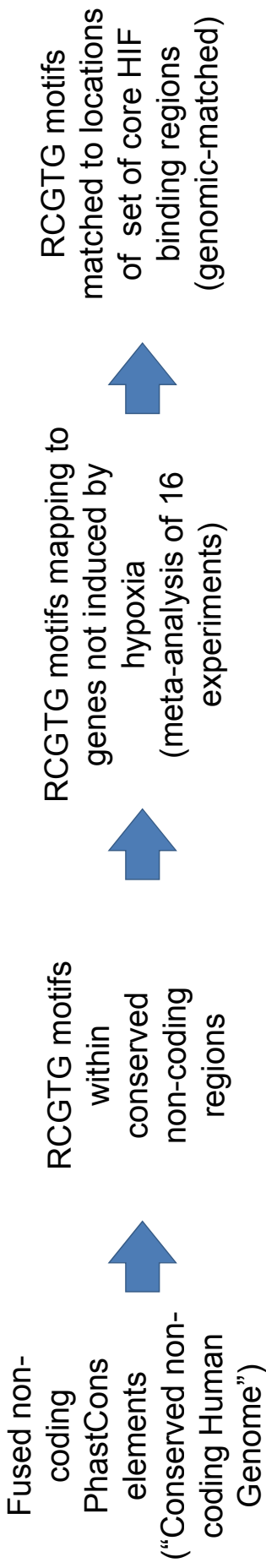
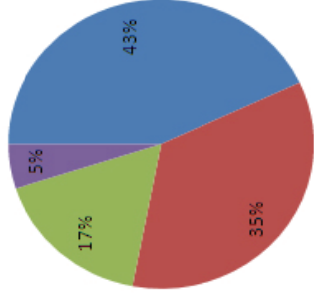
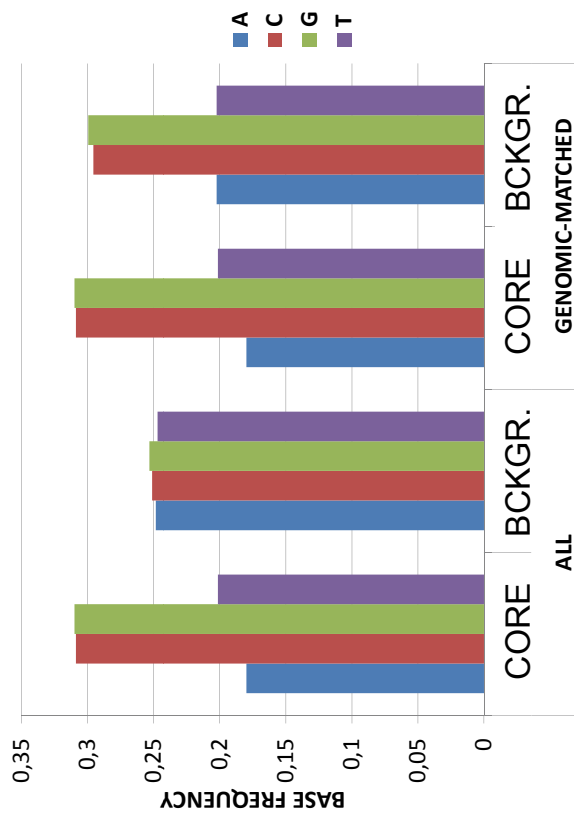
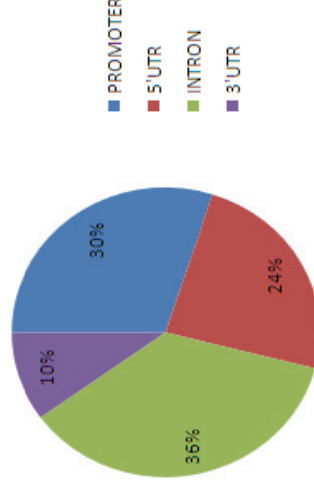
A**B** Core HIF binding regions**C** Background control regions (unmatched)

Figure S1: Construction of a background set of control sequences resembling core HIF binding regions. (A) Stepwise schema of the employed strategy **(B)** Pie charts of genomic location distributions relative to the TSS showing significant differences between selected core HIF binding regions and unmatched background controls **(C)** Nucleotide frequencies of core and background (BCKGR.) sets before and after genomic-matching of control sequences.