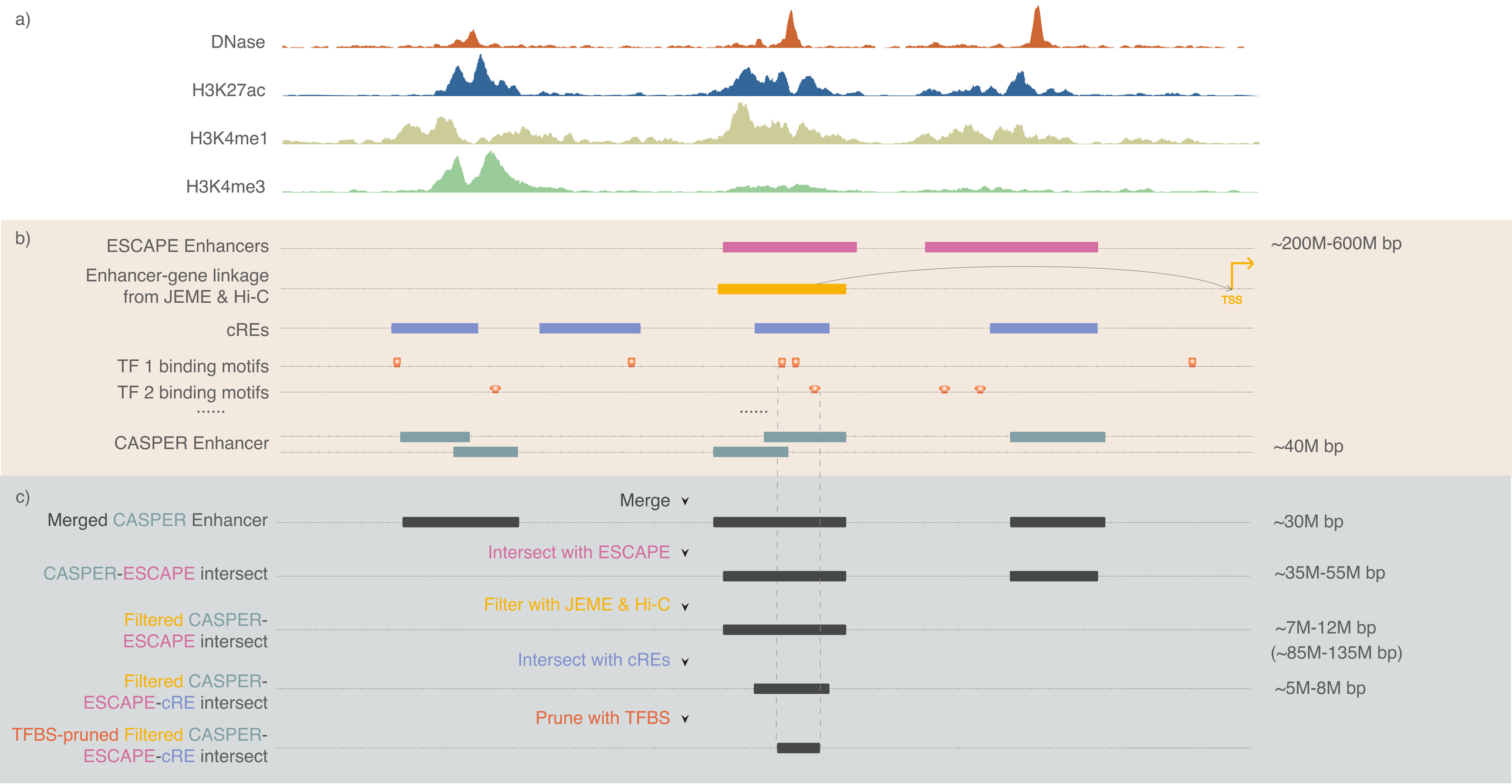
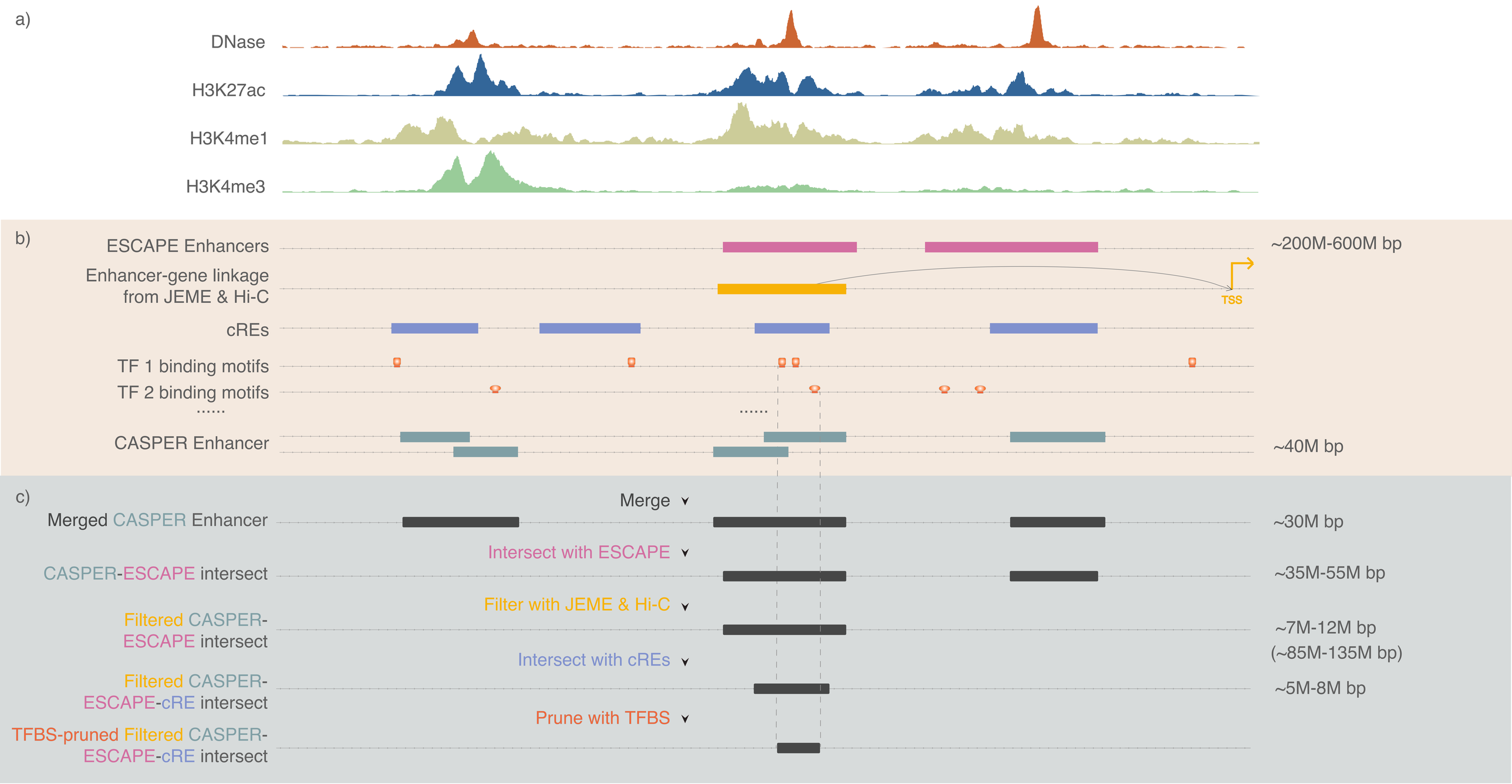

a)
DNase
H3K27ac
H3K4me1
H3K4me3
b)
ESCAPE Enhancers
~200M-600M bp
Enhancer-gene linkage from JEME & Hi-C
TSS
cREs
TF 1 binding motifs
TF 2 binding motifs
.....
.....
CASPER Enhancer
~40M bp
c)
Merge
Merged CASPER Enhancer
~30M bp
Intersect with ESCAPE
CASPER-ESCAPE intersect
~35M-55M bp
Filter with JEME & Hi-C
Filtered CASPER-ESCAPE intersect
~7M-12M bp
(~85M-135M bp)
Intersect with cREs
Filtered CASPER-ESCAPE-cRE intersect
~5M-8M bp
Prune with TFBS
TFBS-pruned Filtered CASPER-ESCAPE-cRE intersect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