

Start crop Point



End crop Point



MSA length = 3176



Start crop Point

End crop Point

0

10

0

500

1000

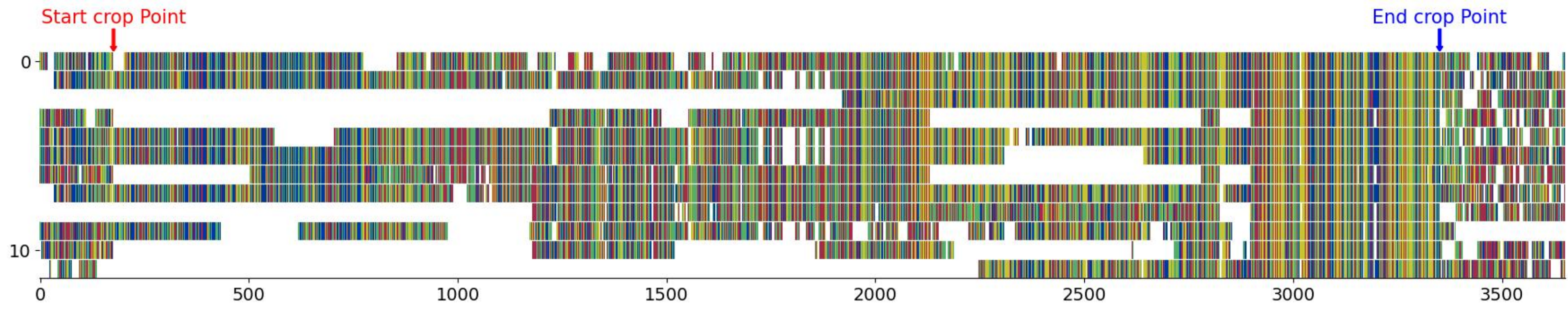
1500

2000

2500

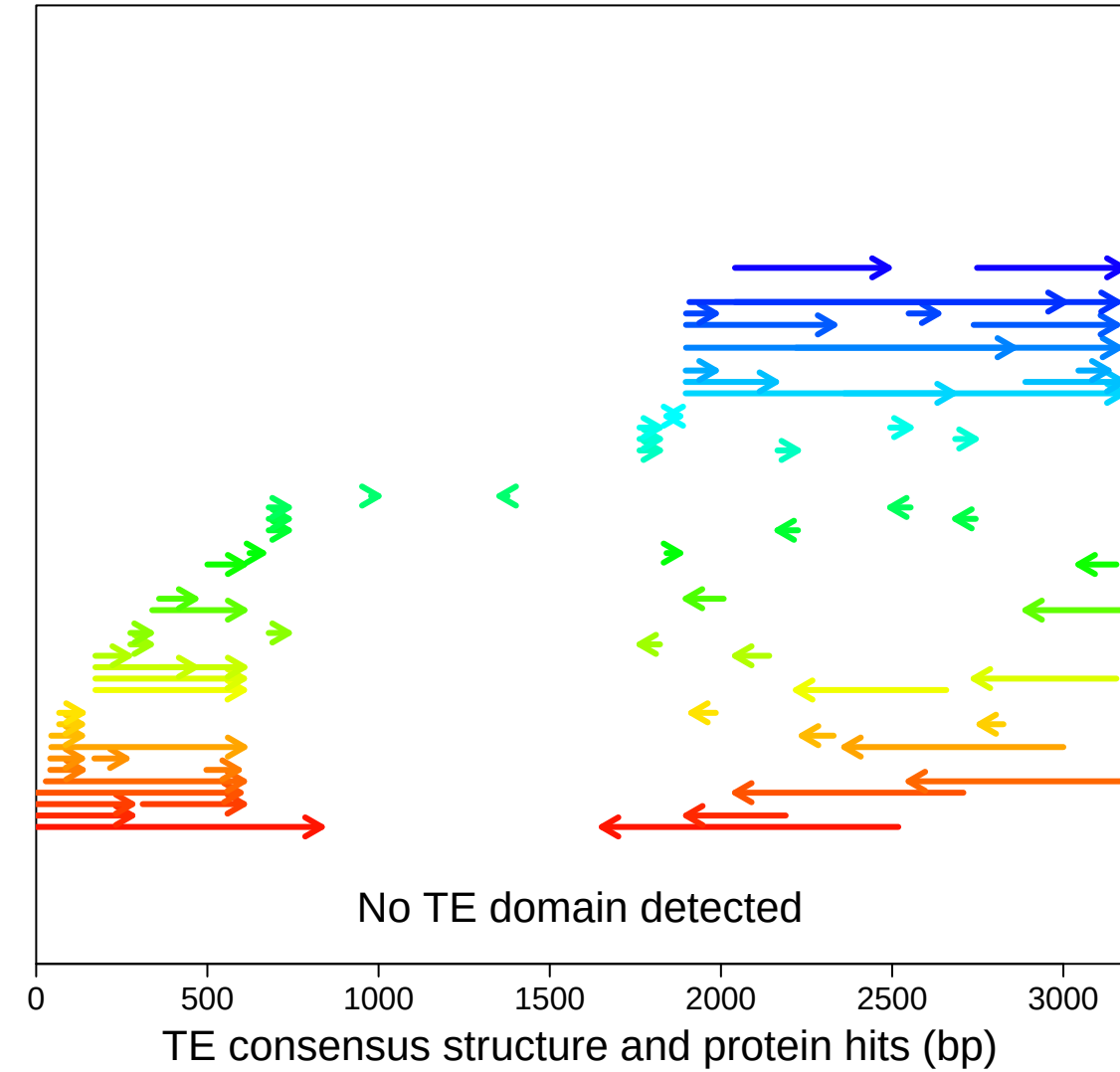
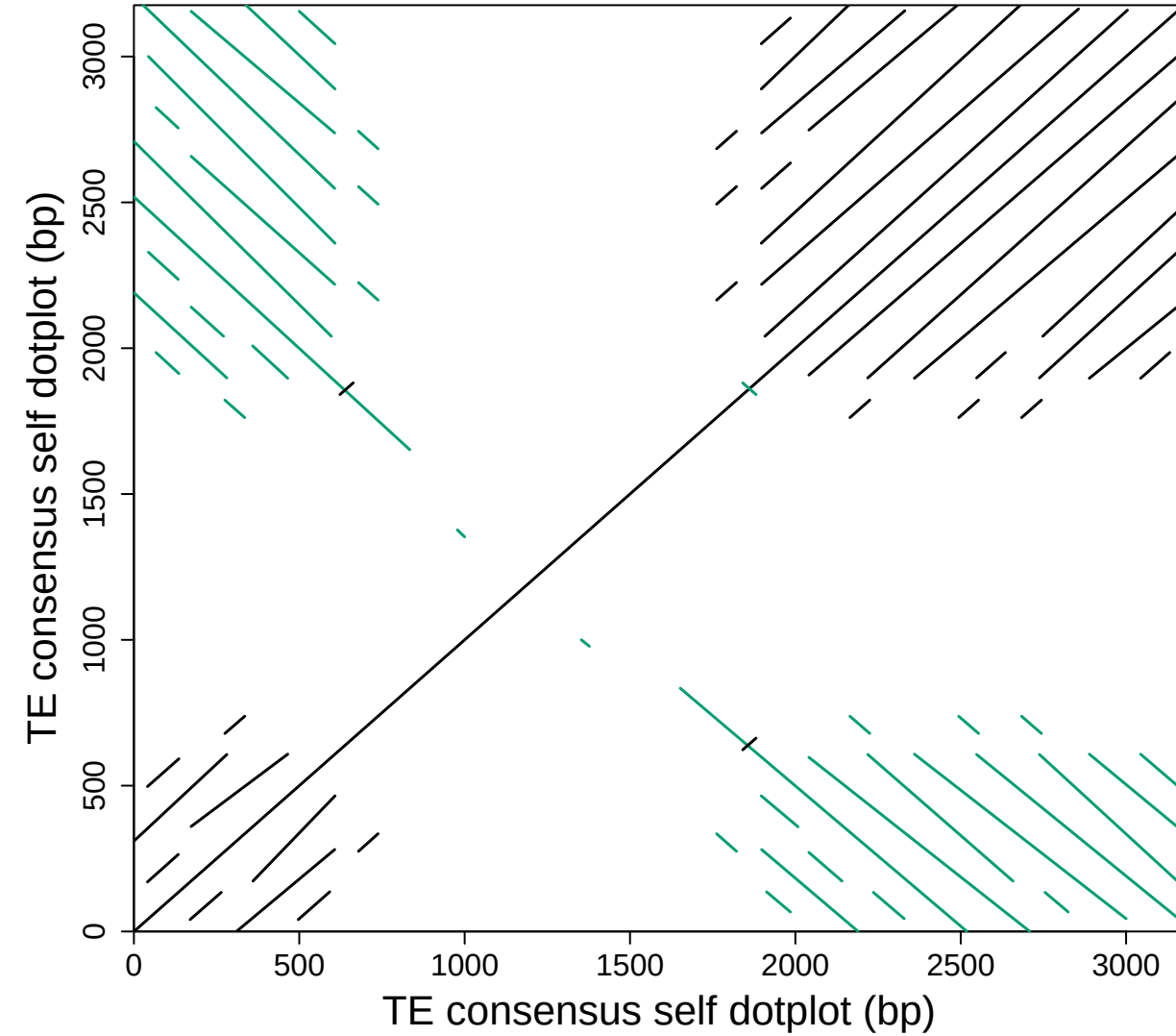
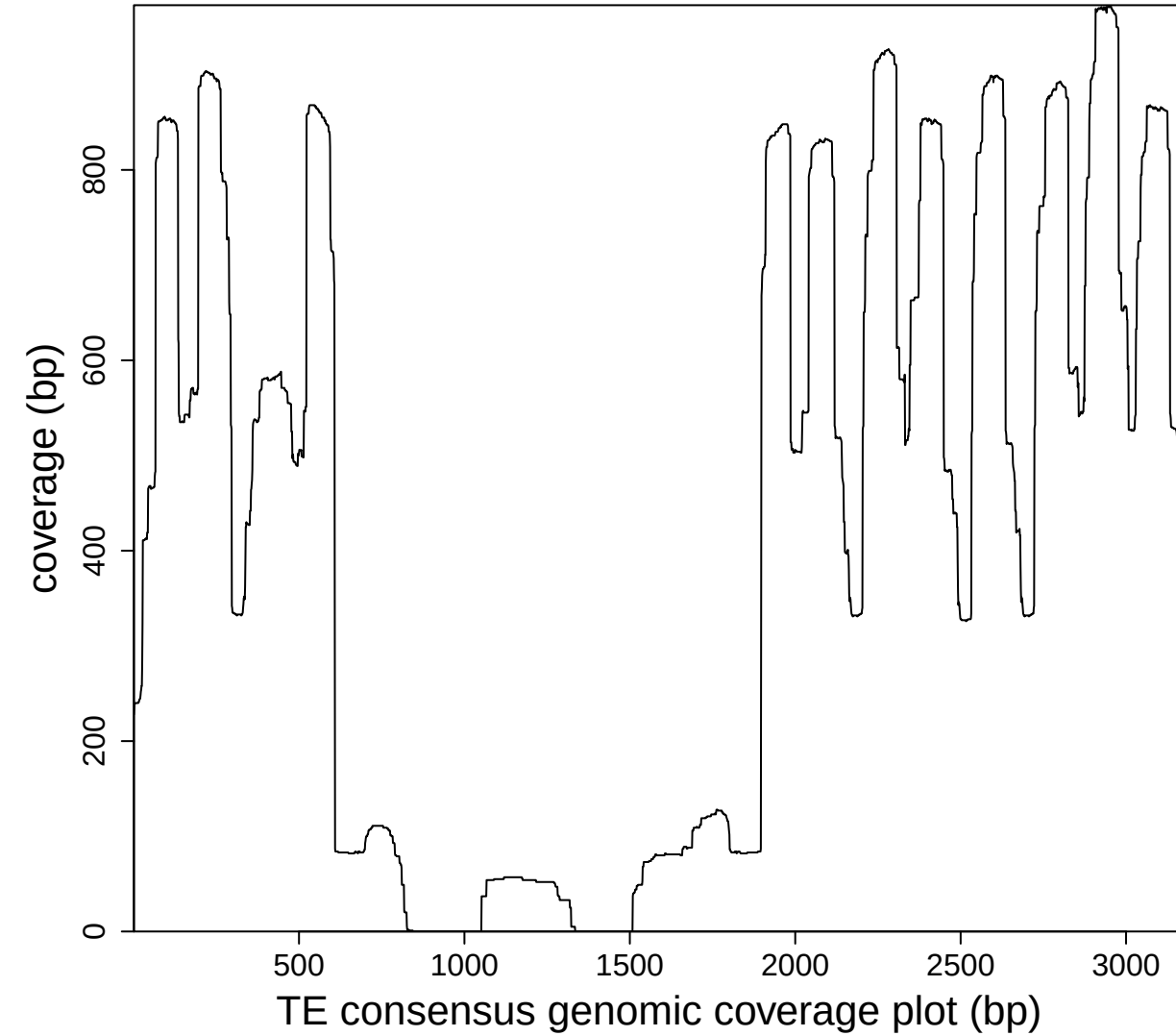
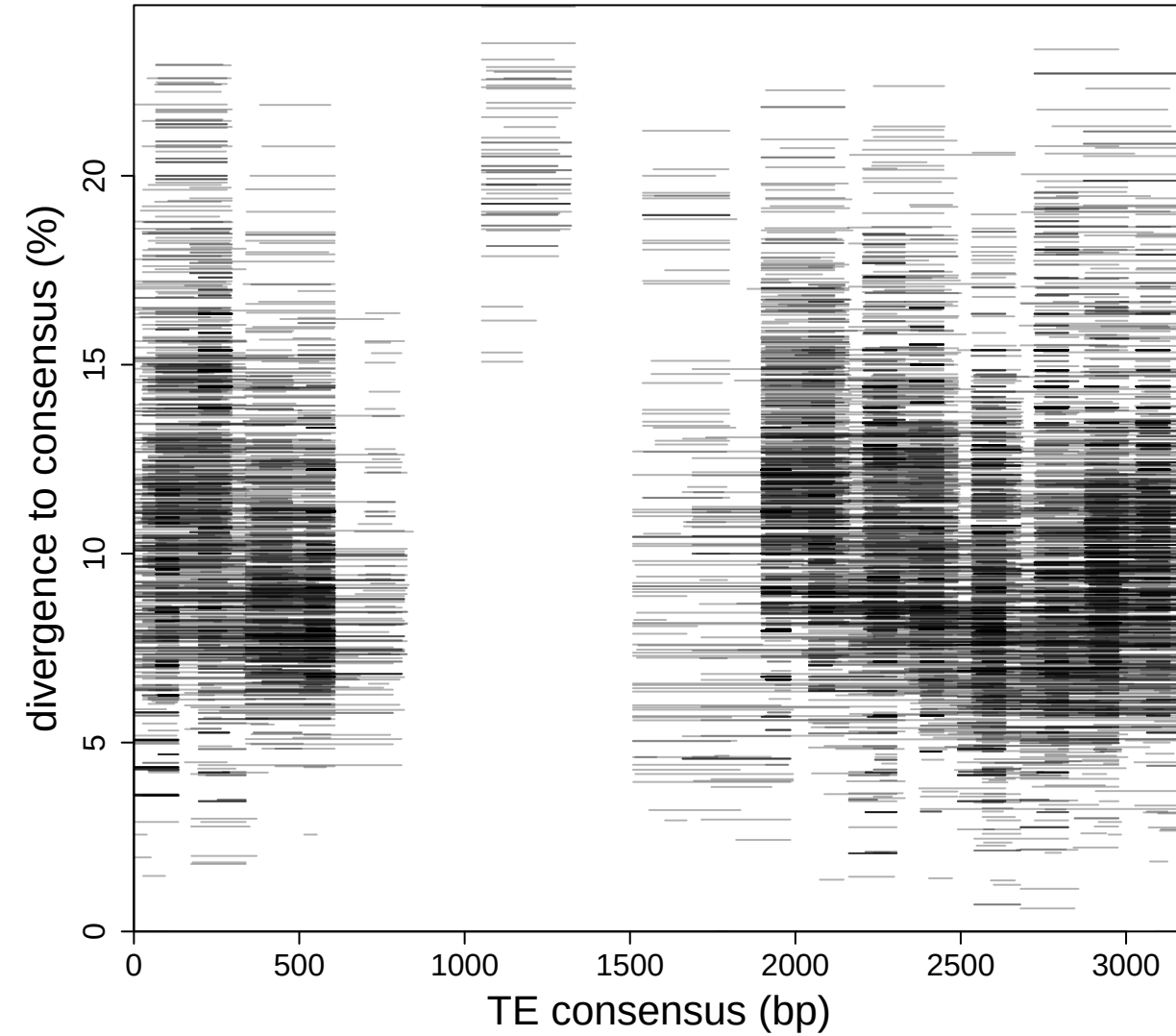
3000

3500



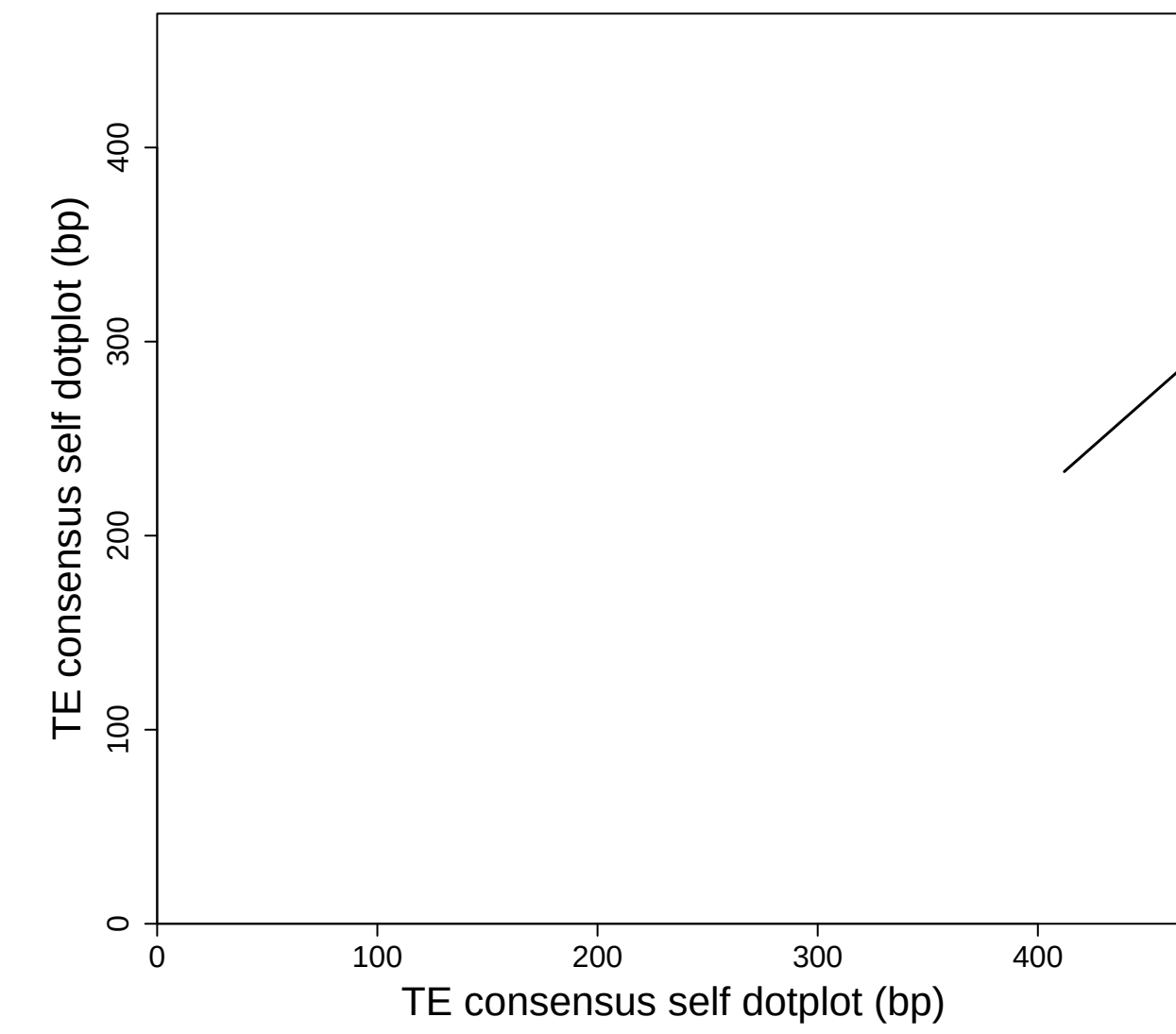
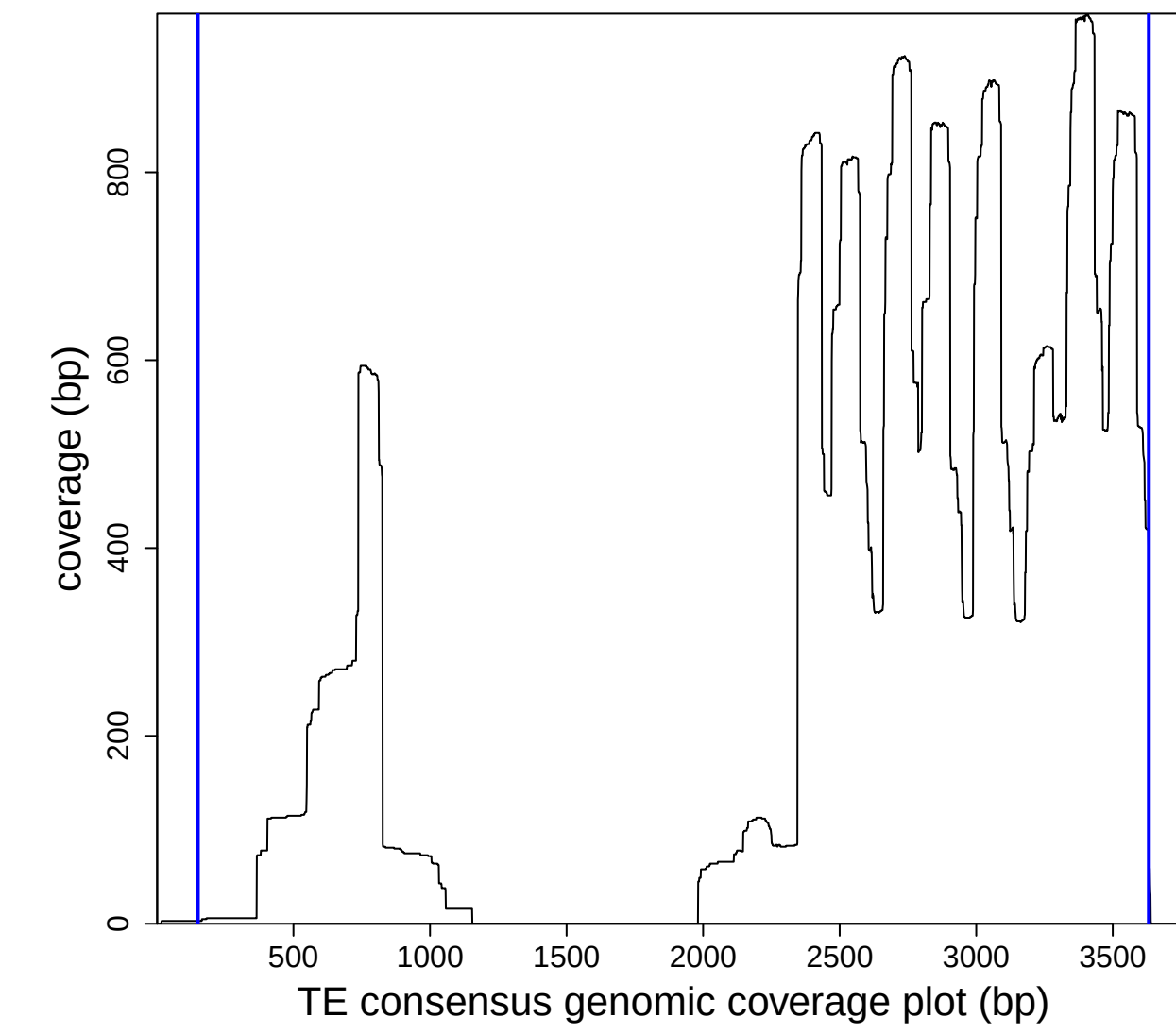
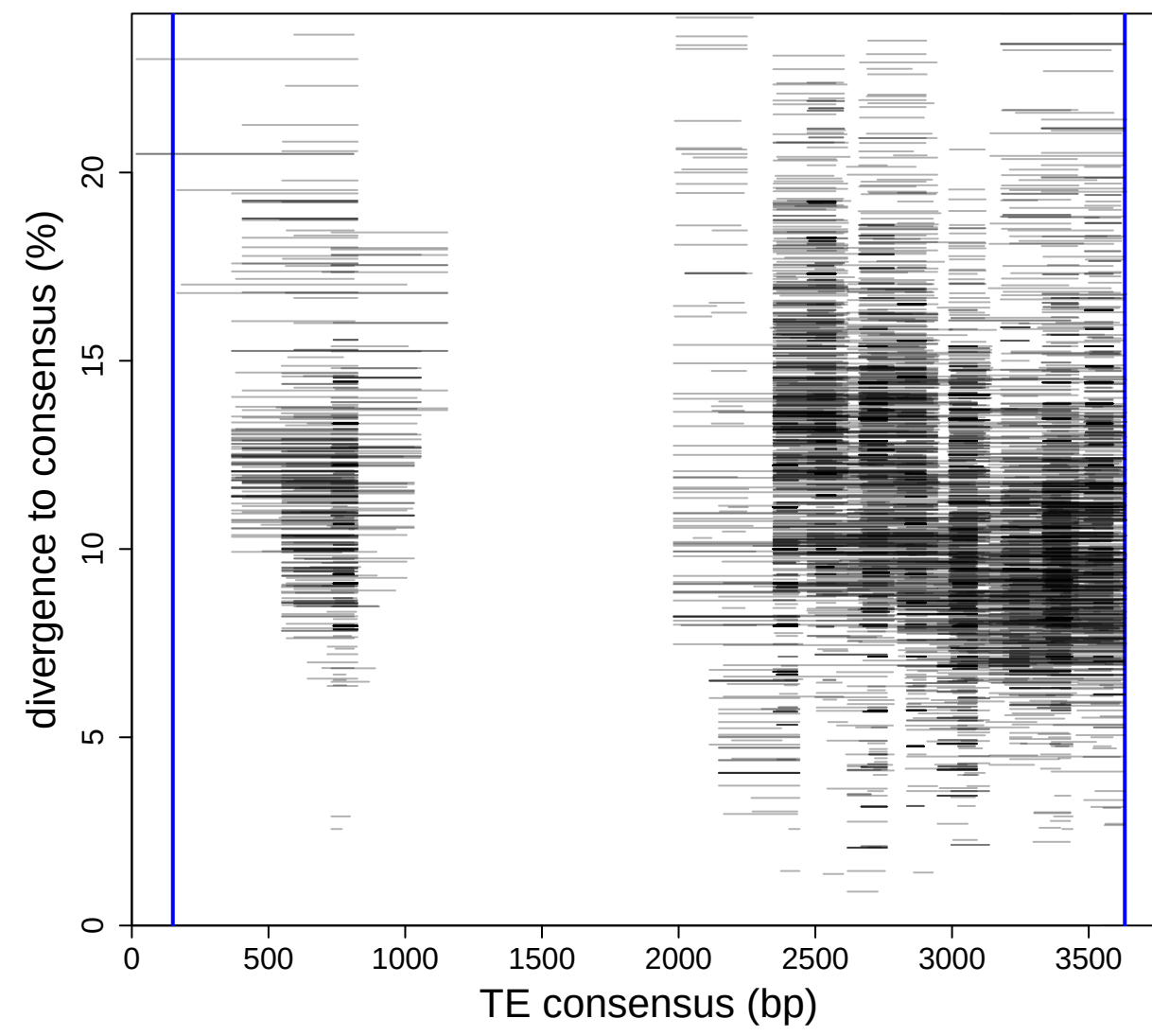
l.b.bed uf.bed g\_4.bed fm\_1.bed 0 0 bcln.fa aln.fa cl.fa gs.fa  
size: 3176bp; fragments: 6625; full length: 0 (>=2858.4bp)

## After TEtrimmer 3176 bp

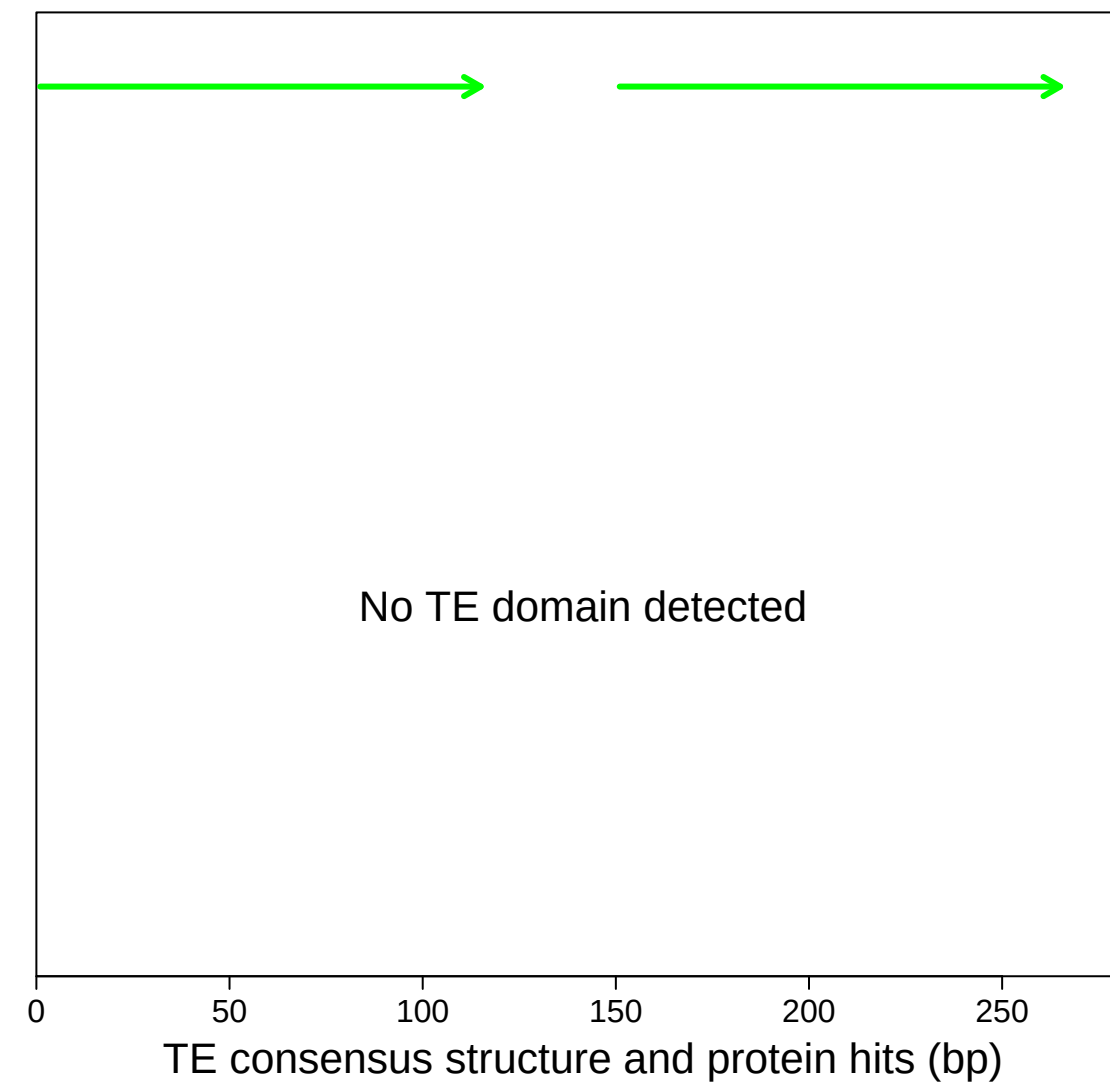
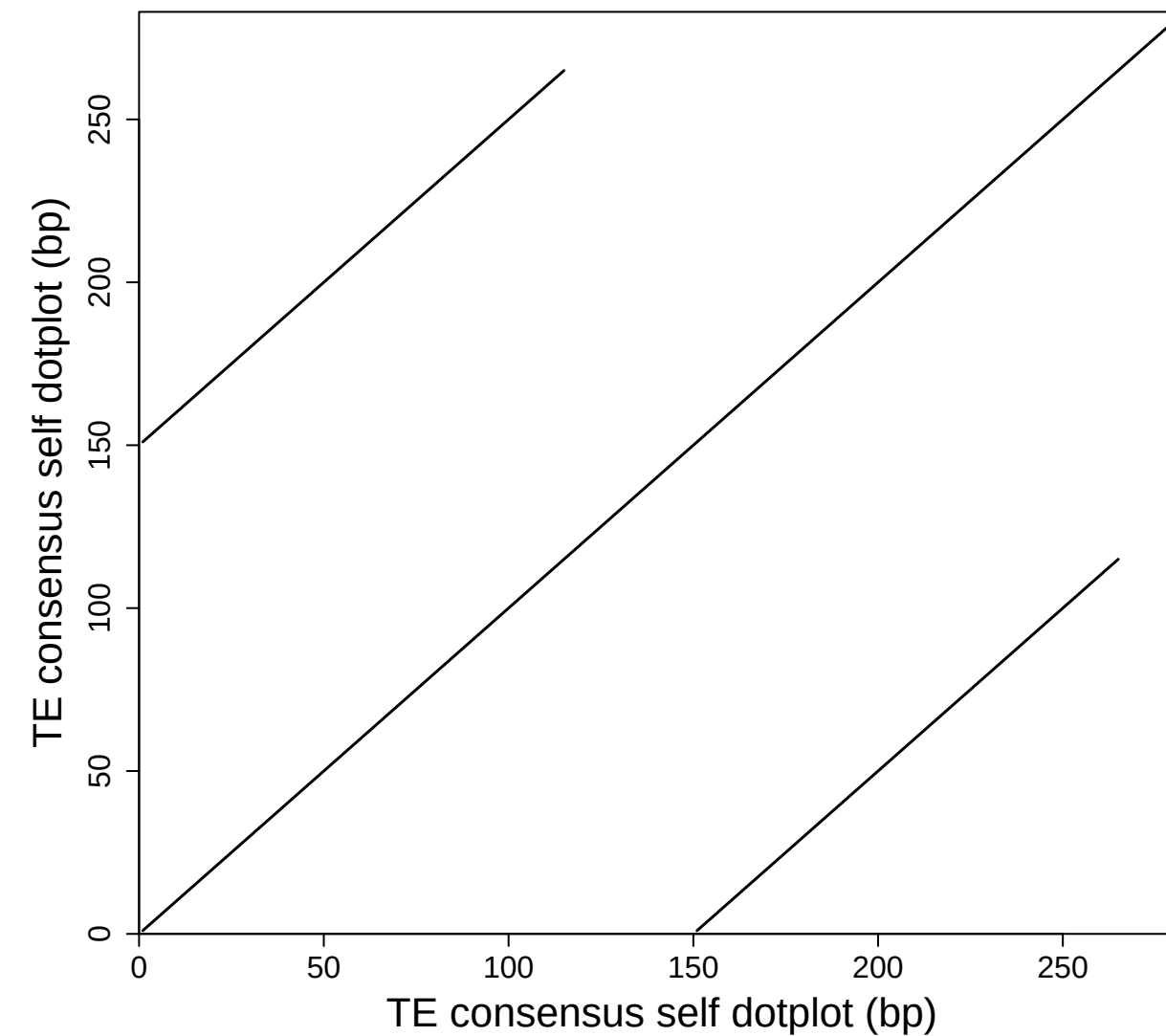
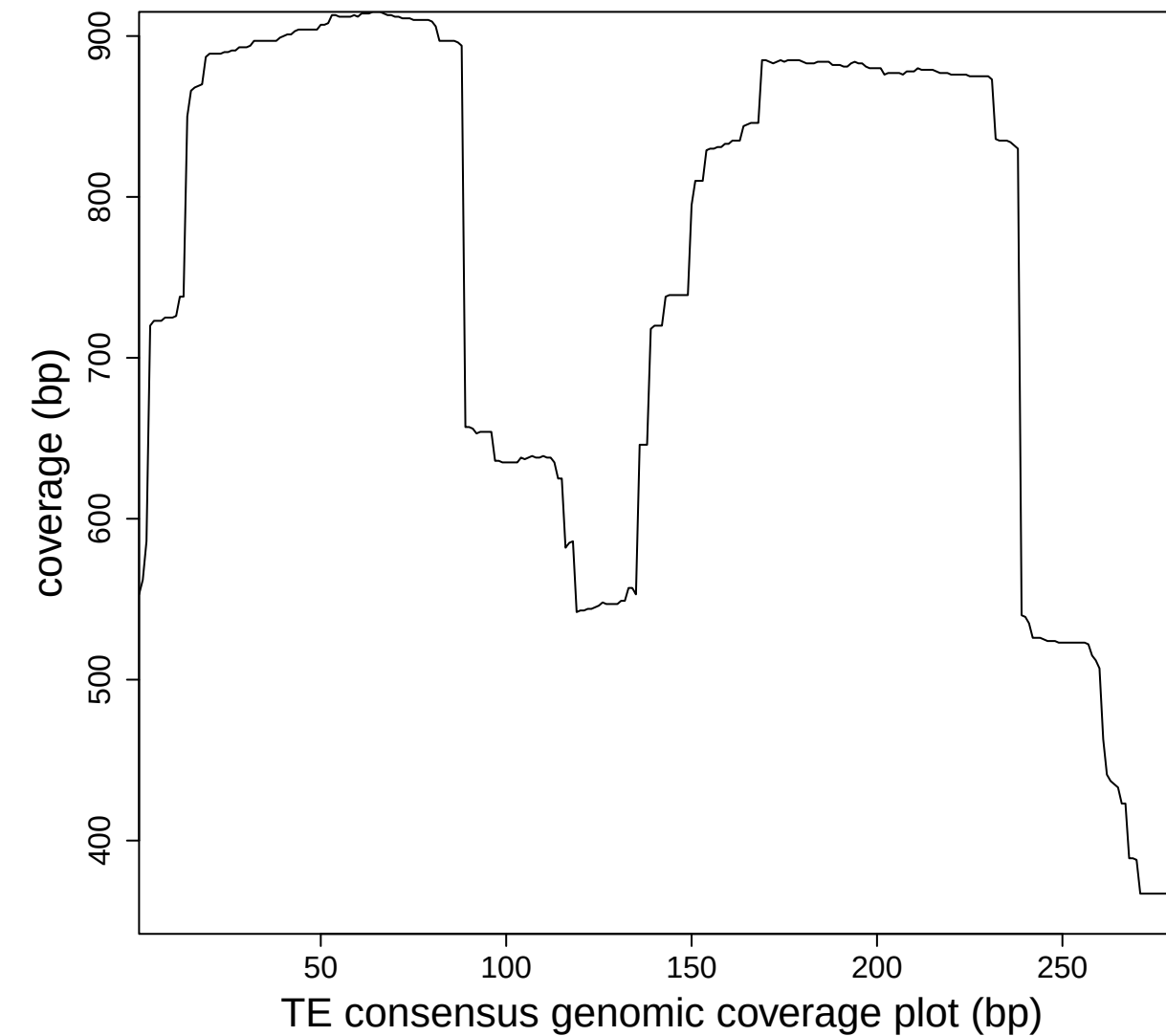
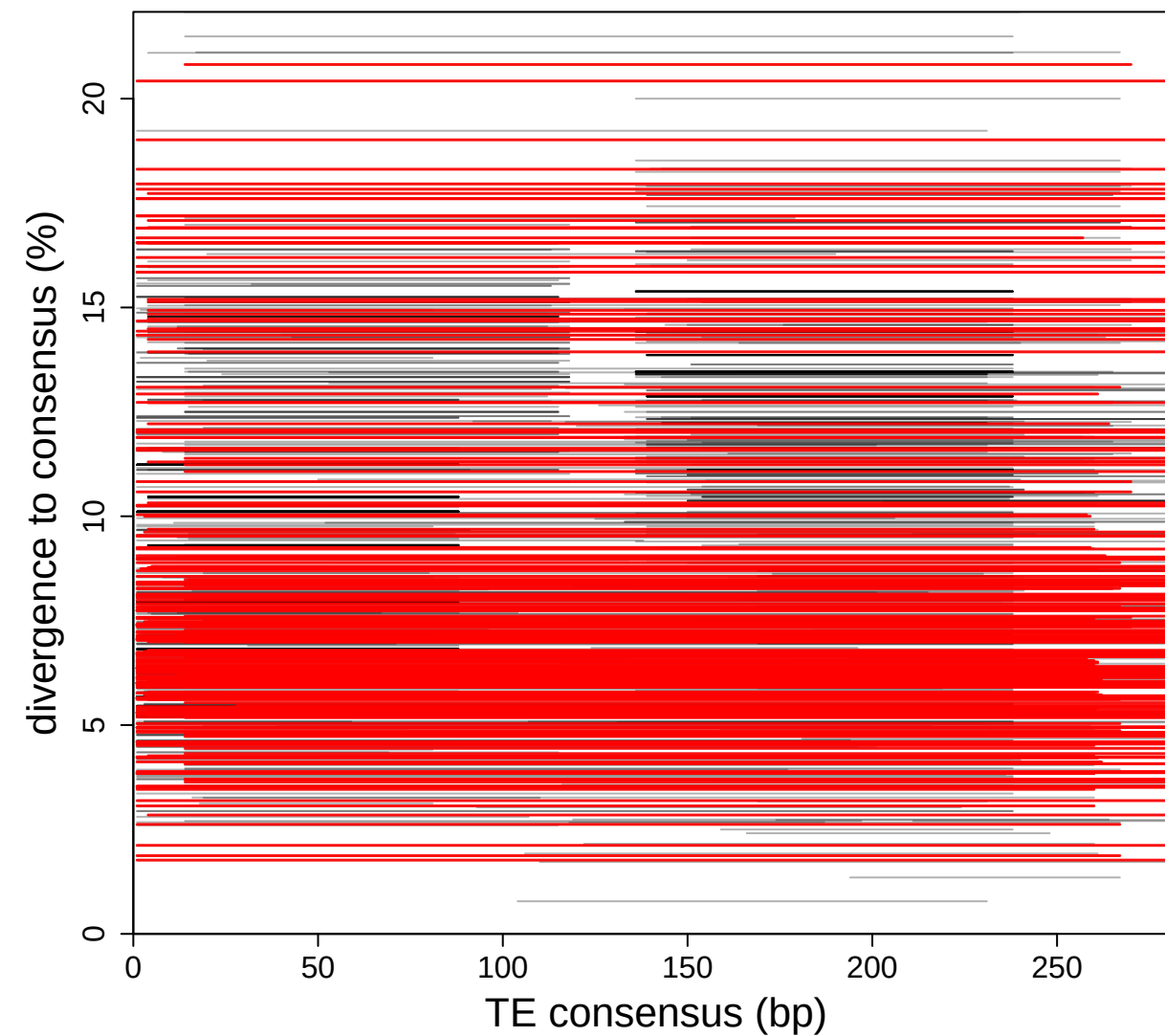


7.fasta.b.bed uf.bed g 4.bed fm 1.bed 0 0 bcln.fa aln.fa cl.fa  
size: 3782bp; fragments: 4830; full length: 0 (>=3403.8bp)

# After TEtrimmer Extended plot Blue lines are boundaries

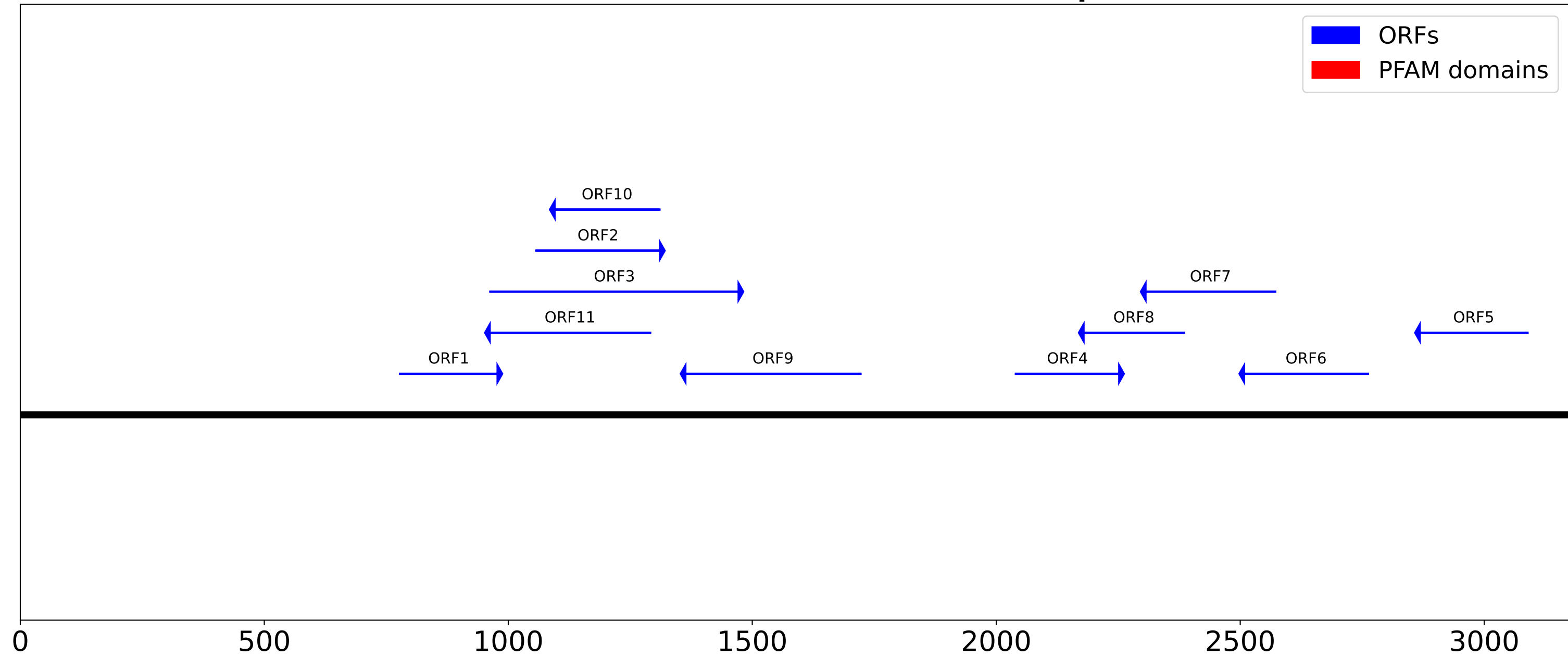


TE: rnd\_1\_family\_917  
size: 283bp; fragments: 1302; full length: 339 ( $\geq 254.7$ bp)

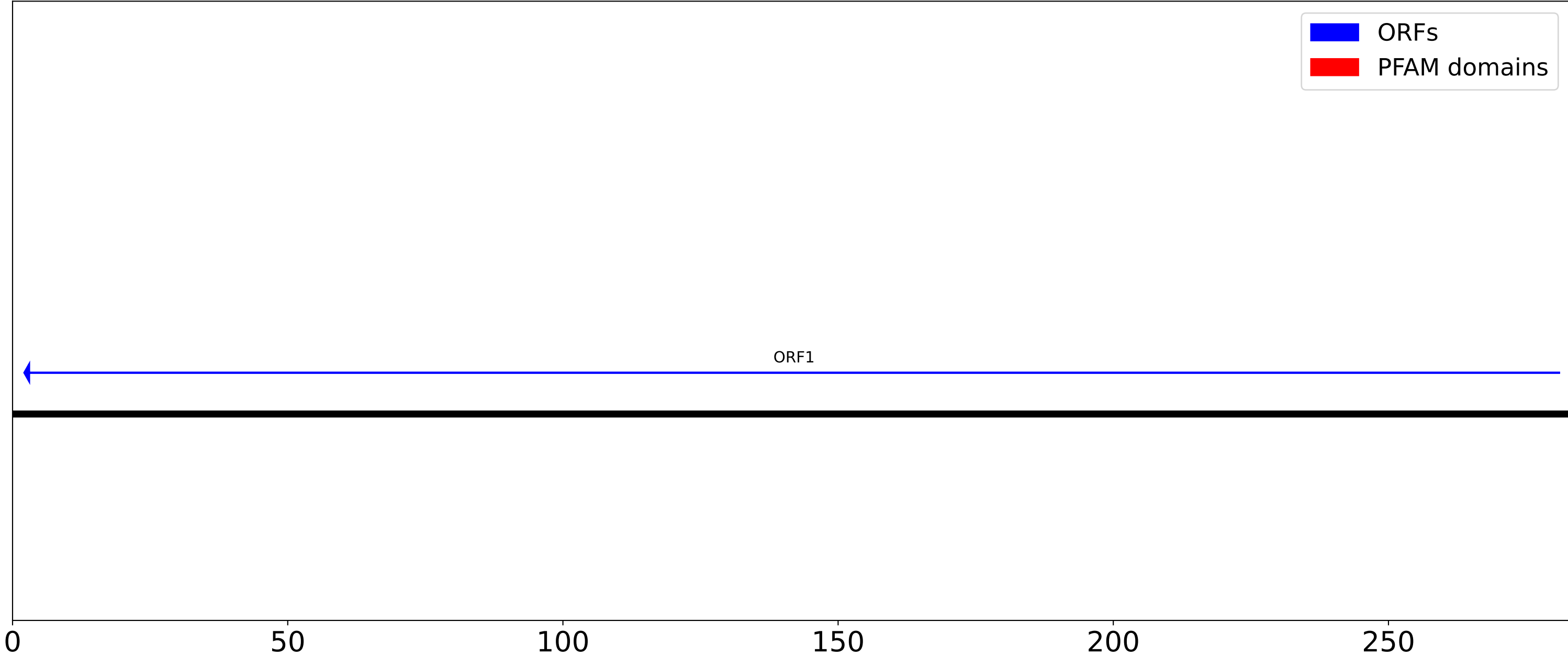


Before TEtrimmer 283 bp

## After TEtrimmer ORF and PFAM domain plot



**Before TEtrimmer ORF and PFAM domain plot**

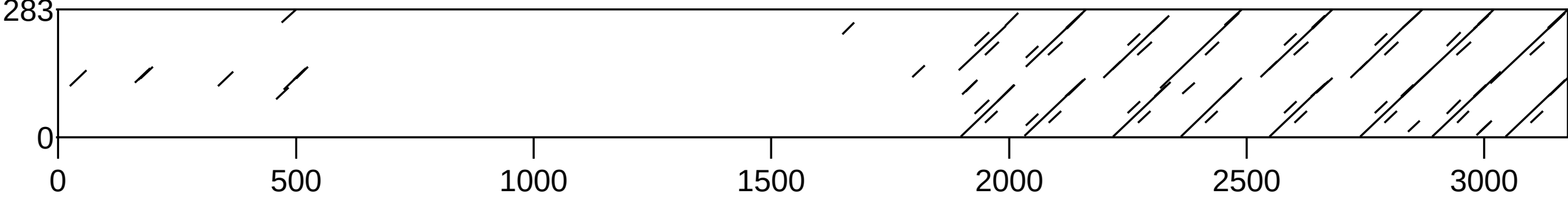




Dotplot

(windowsize = 25, threshold = 50.00 09/10/25)

ensus before TEtrimmer (bp)



TE consensus after TEtrimmer (bp)