

Start crop Point

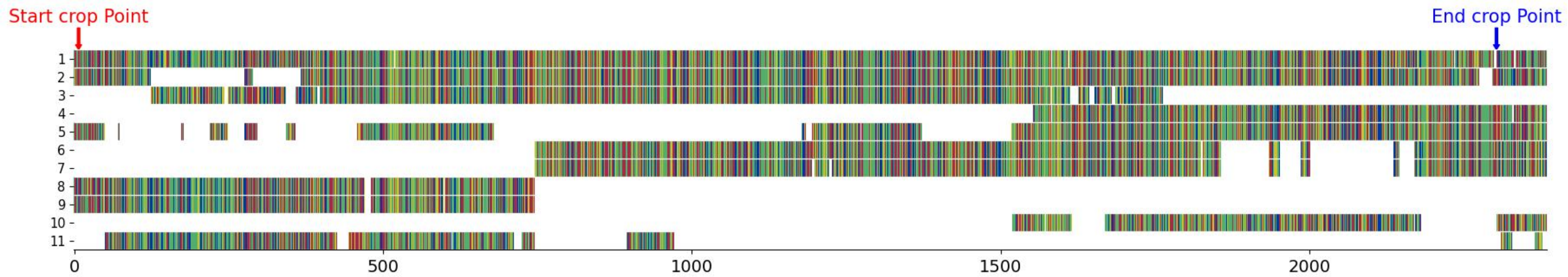


MSA length = 2297

End crop Point

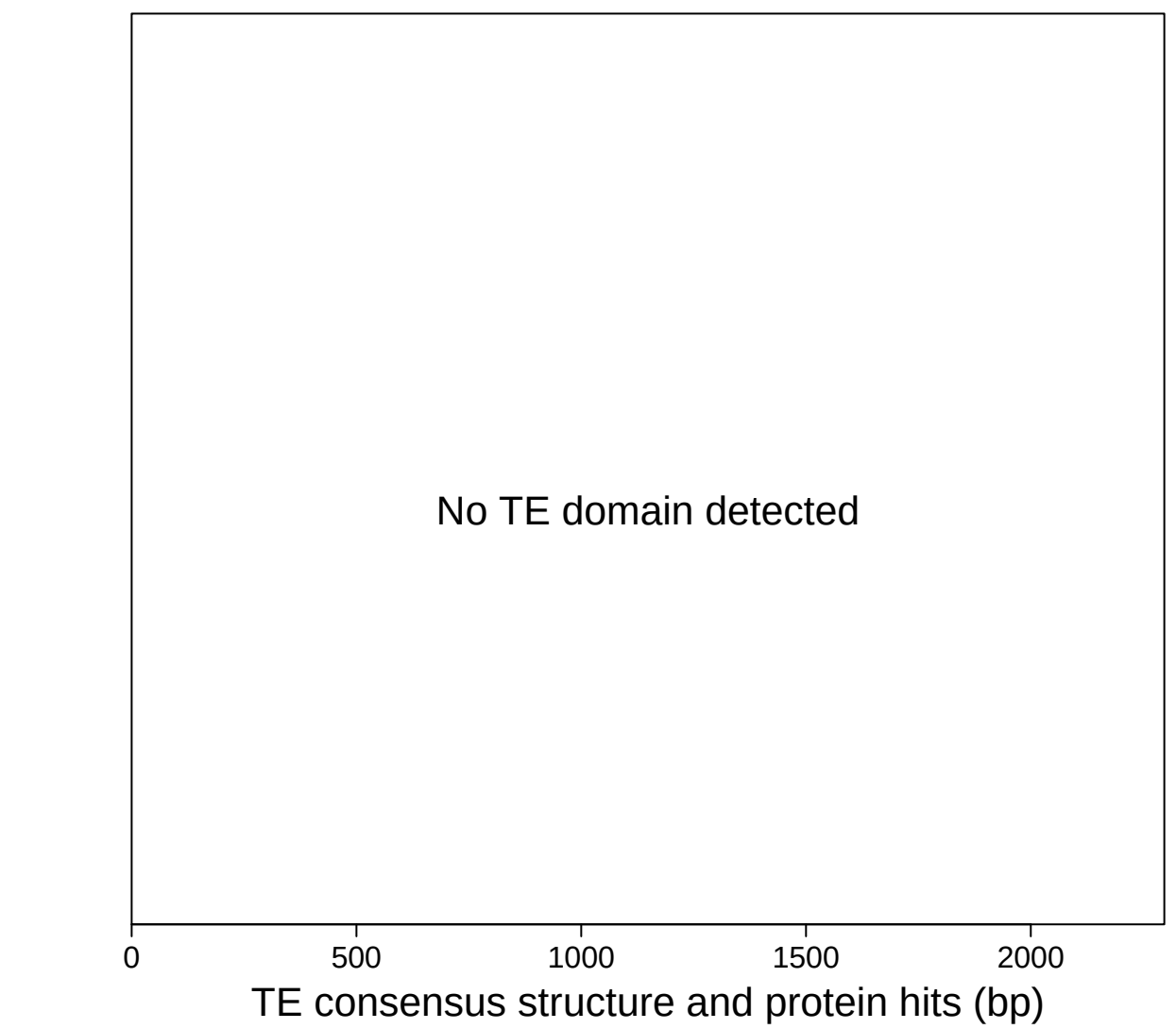
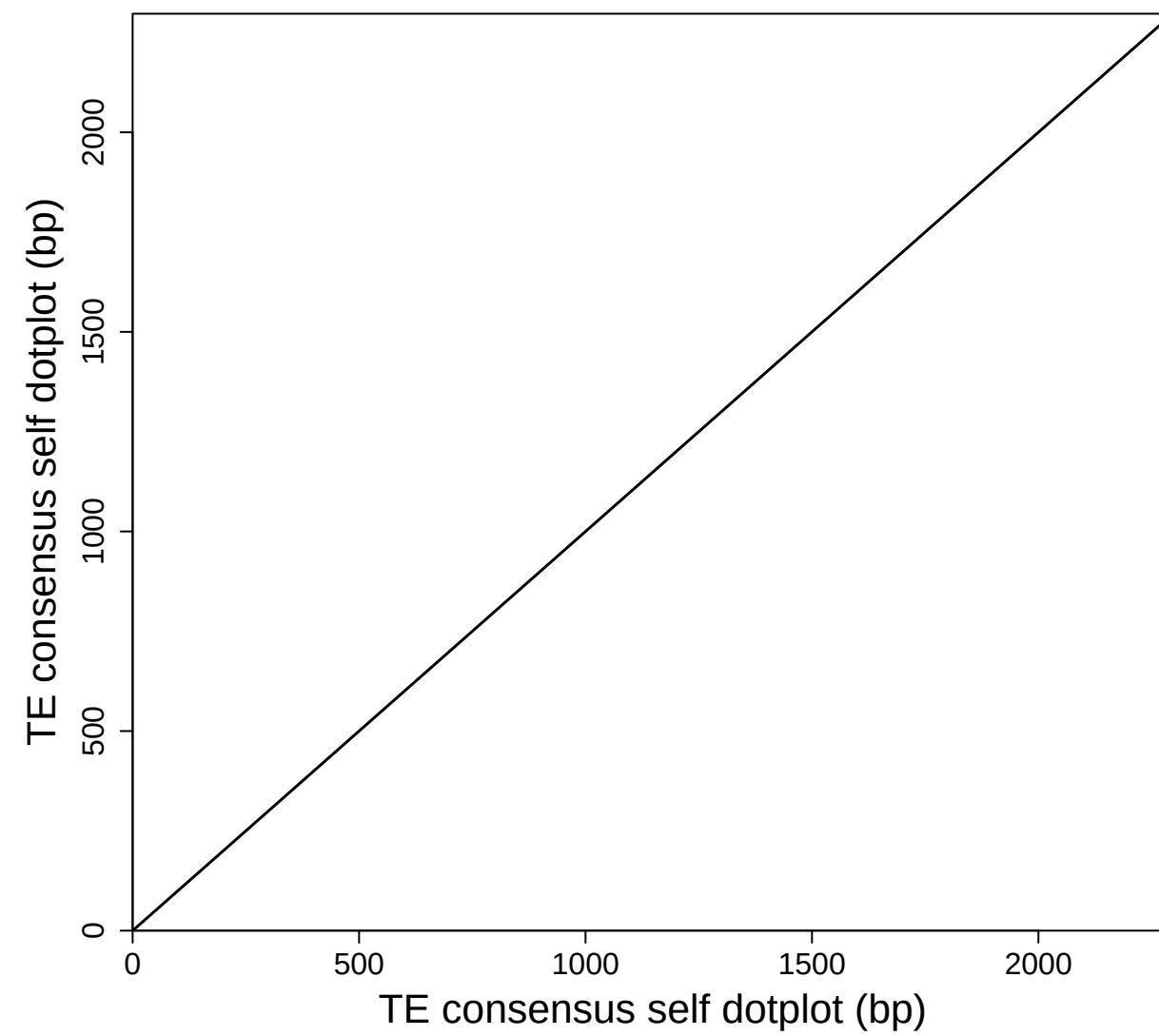
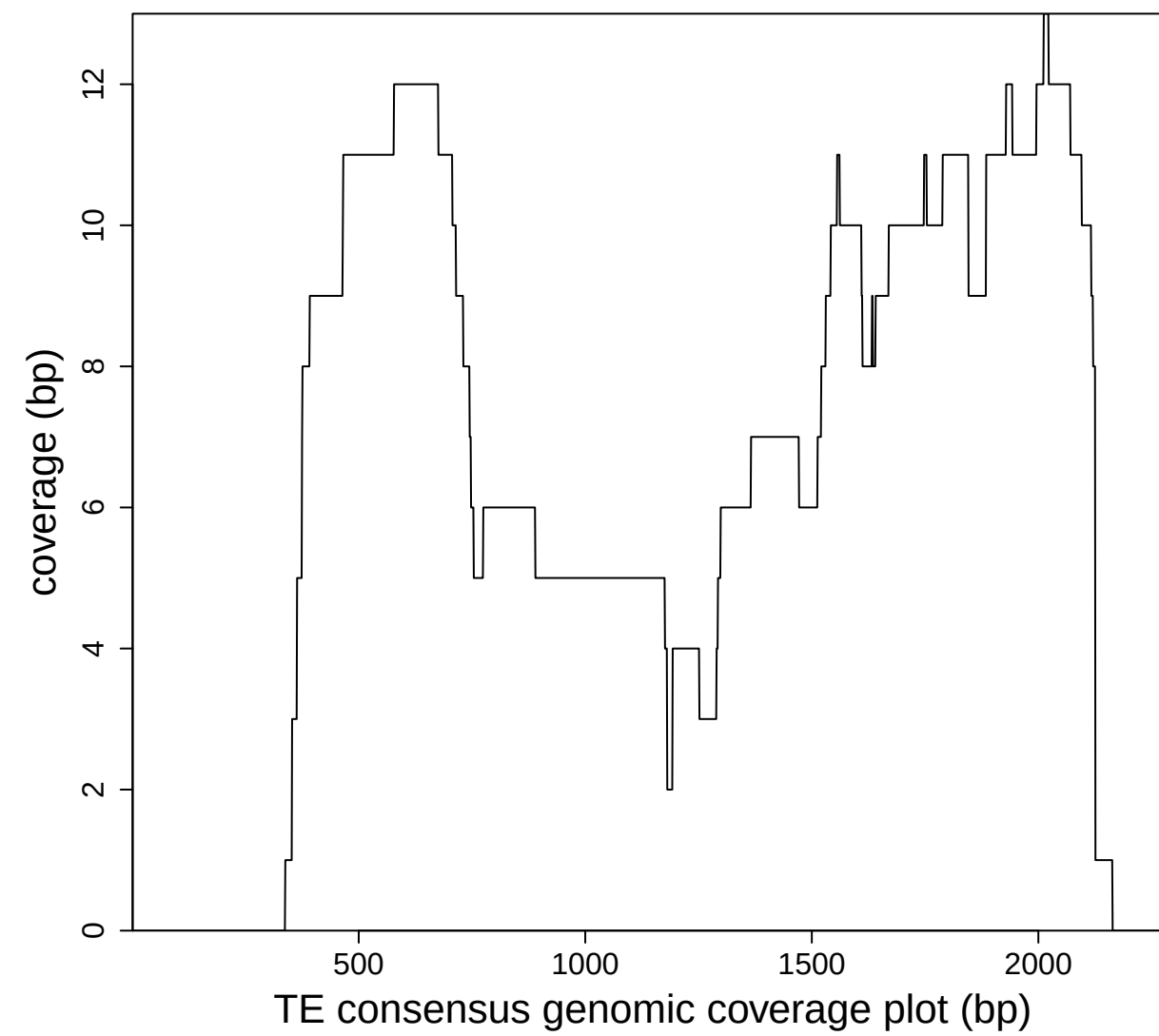
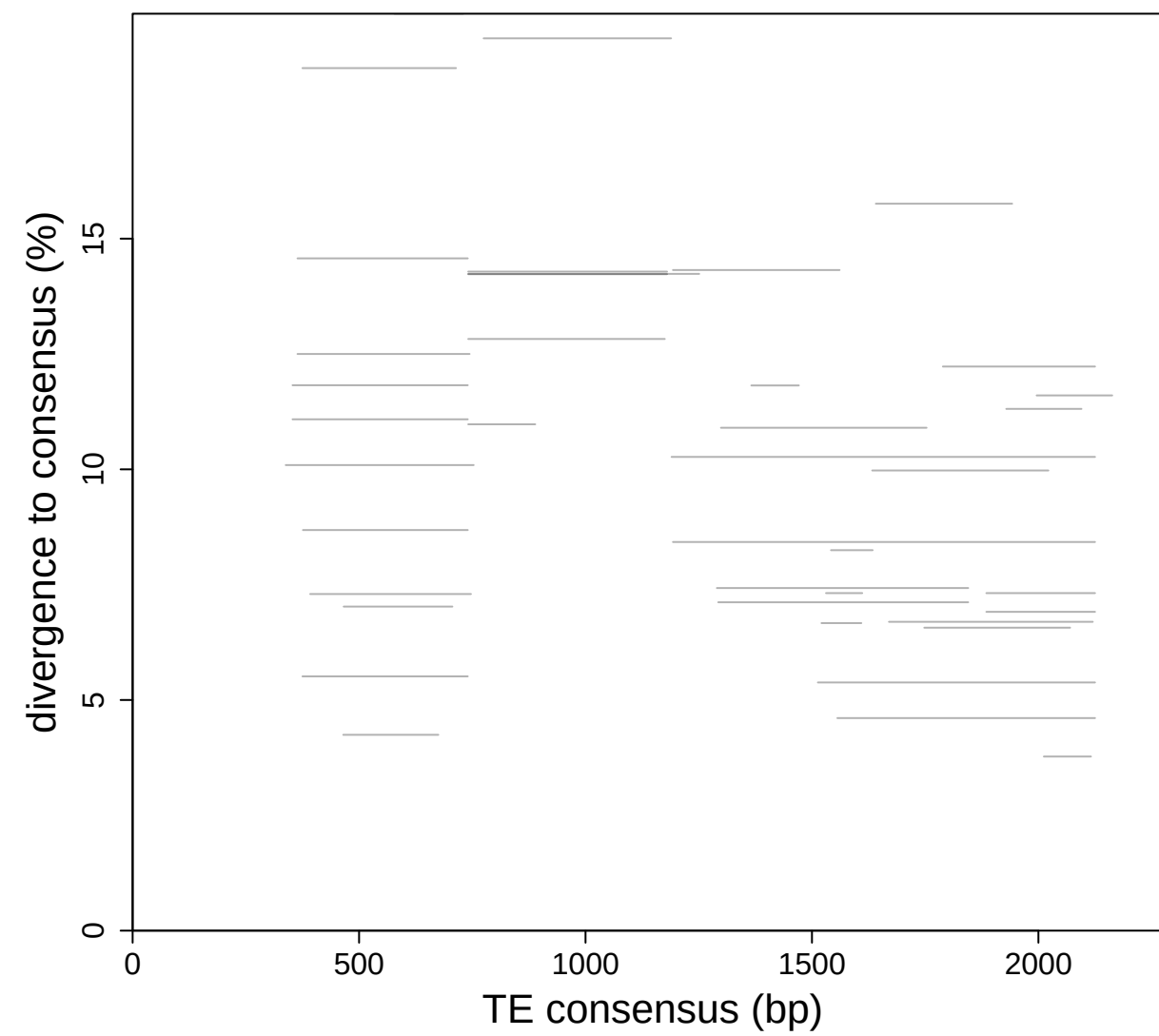


AAATTAATTTATAAATATAATTATACTATAAATTATTAAATTCCTTAATTGGGCCTTTTA - - - - - ATAAATTTTTTAATGAGAAGGAATTTTATAAAAAAAATATAGAAT - - - - - TTCCCAATAAAATTAAATAAAAAATTGTTG - - AATATATAAAACTTTGTCTAG  
AAGTAATTATATAAACATATTATATTATAACAATTAAATTCCTTAATTGGGCCTTTTA - - - - - AAAAAATTTTTTACTAGTAAGAT - - - - - AATAATTTGGTTTCAGTCAAGCAAAATAAAAAACACACCAGTTTATGAAATTTTATCCTT  
- - - - - AAAAAATTTTTTACTAGTAAGATACCTTAAAAAATAAAAAATAAAAATATTTTGGTCTTTGGTAAAACAAAATAAAAAAAT - - - TCAGTTTATGAGACTTTATTCCTT  
AAATTAATTTATAAATATAATTATTTCTAATTATTTGATATACAAATTAG - - - - - AAAAAATTTTTTACTAGTAAGATACCTTAAAAAATAAAAAATAAAAATATTTTGGTCTTTGGTAAAACAAAATAAAAAACATGTCTAGTTTATGAGACTTTATTCCTT  
- - - - - AAAAAATTTTTTACTAGTAAGATACCTTAAAAAATAAAAAATAAAAATAGTTGAAATCAAGTACAATAATTATAAAGCGTATCAAGTTGCCAAACTGCCCGGG  
- - - - - AAAAAATTTTTTACTAGTAAGATACCTTAAAAAATAAAAAATAAAAATATTTTGAATCAAGTACAATAATTATAAAGCGTATCAAGTTGCCAAACTGCCCGGG  
AAATTCATTTCTAAATATAATTATGTTAGAAATTCCTTAATTGGGCCTTTTA - - - - -  
ATTTAAATTCTAATTATATAATTATAATTAAATTCCTTAATTGGGCCTTTTA - - - - -  
- - - - - AGCTTAGTAAGTCAATTTAAAGCATTTTGTGAGTTCTACAGGGTGTTCCTA  
- - - - - GCTTTTA - - - - - TTGAGATGAATCAAAAGAC - - - - -



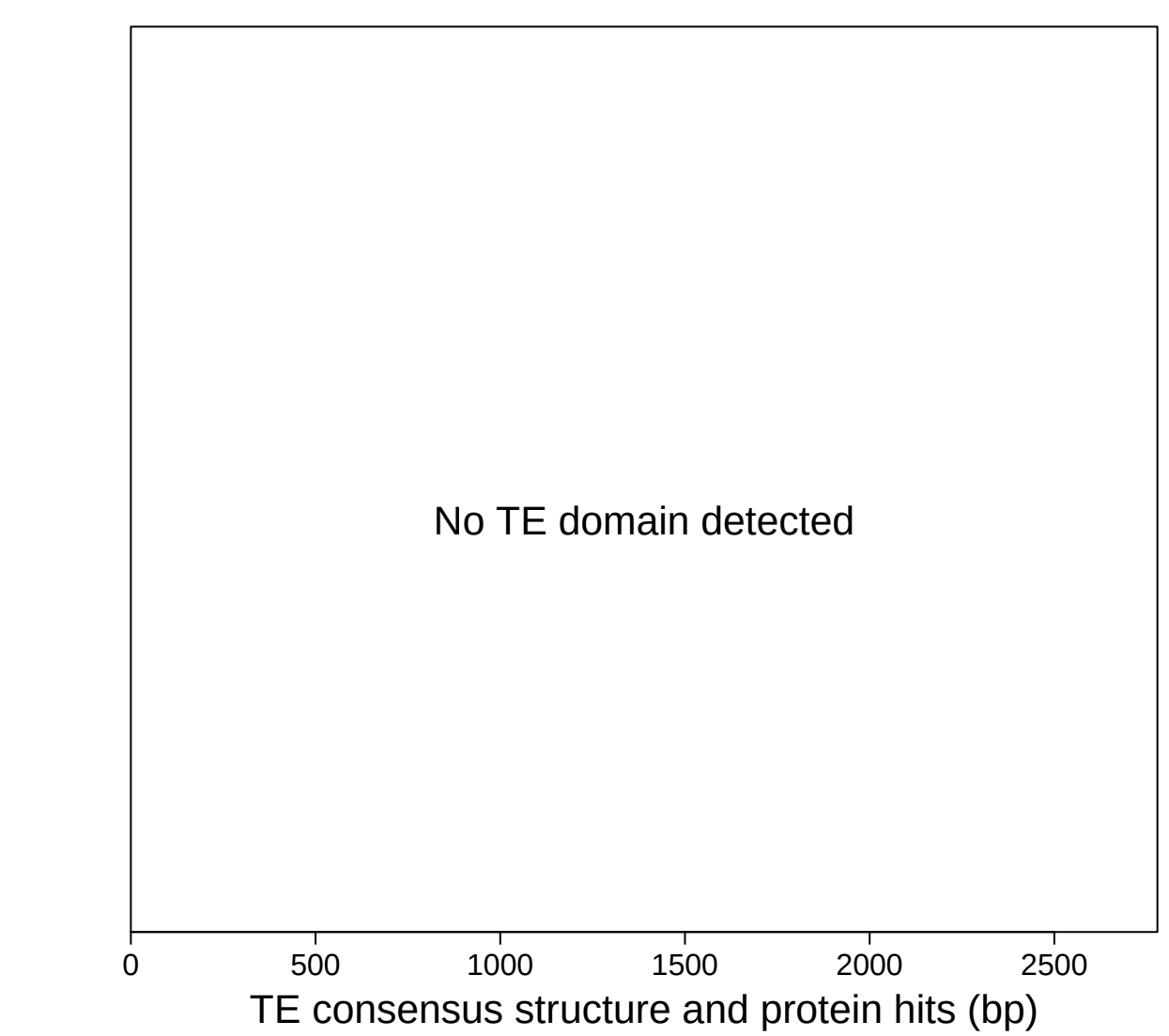
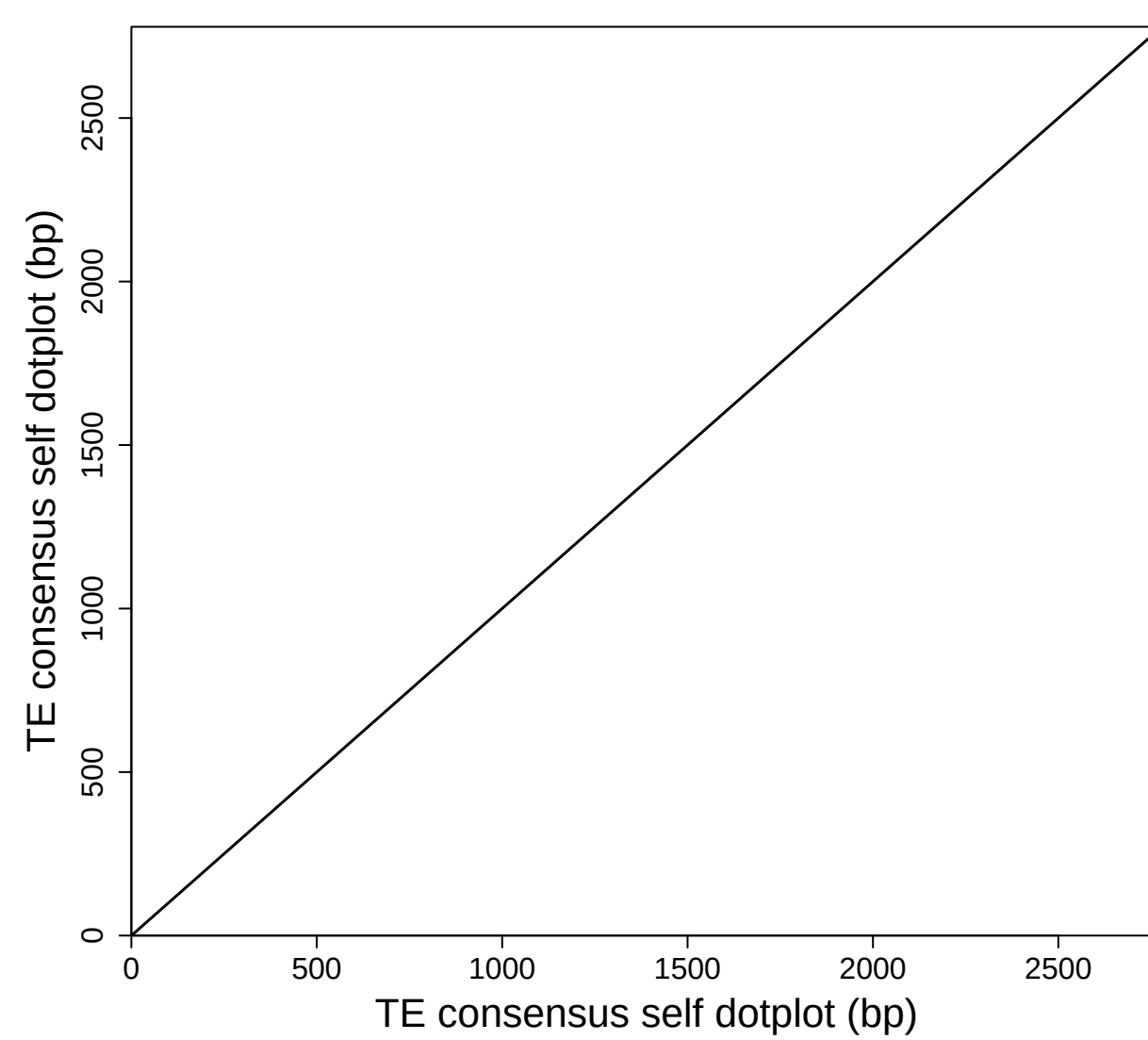
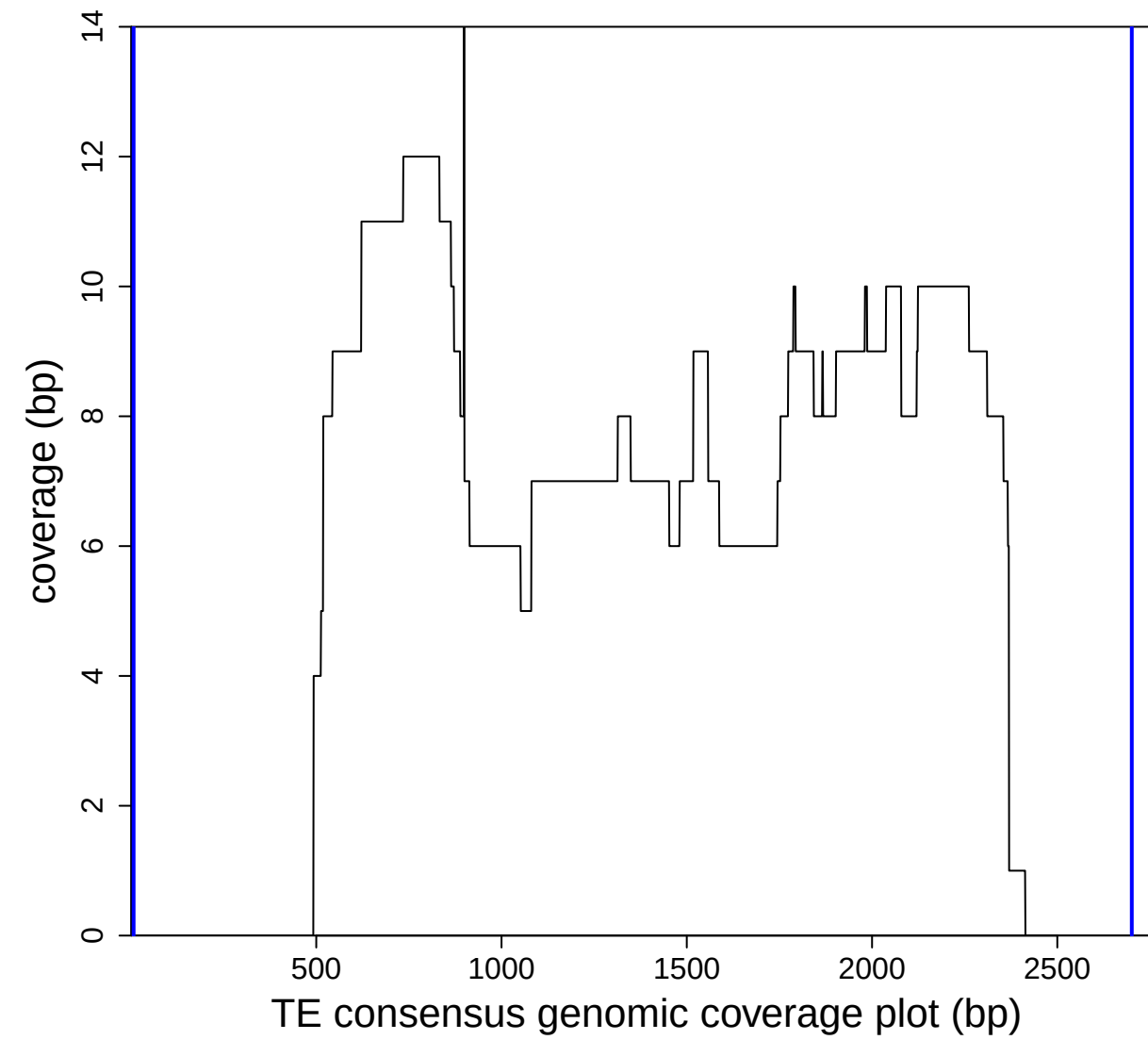
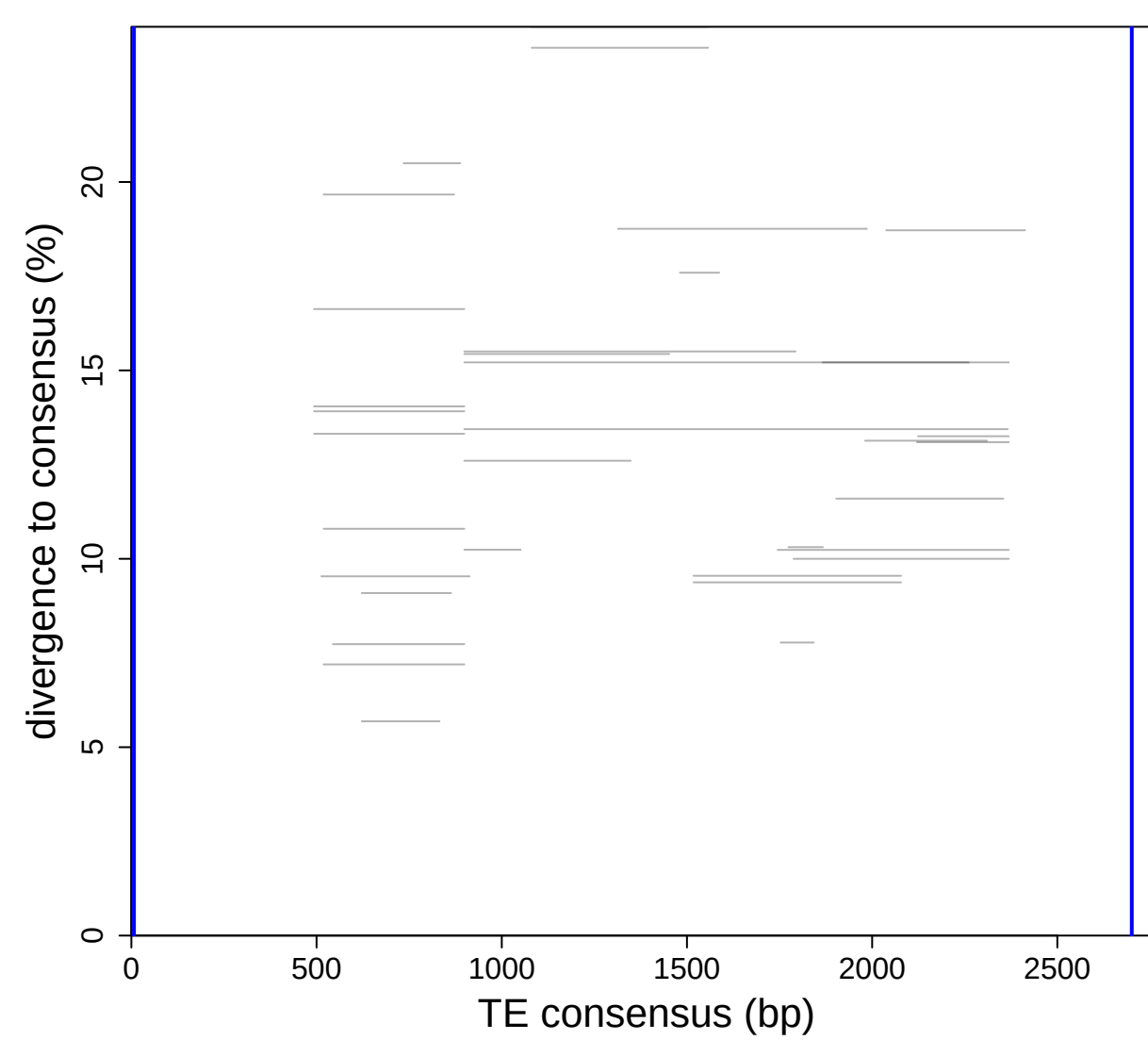
b.bed uf.bed g 1.bed fm 1.bed 0 0 bcln.fa aln.fa cl.fa gs.fa  
size: 2297bp; fragments: 40; full length: 0 (>=2067.3bp)

# After TEtrimmer 2297 bp



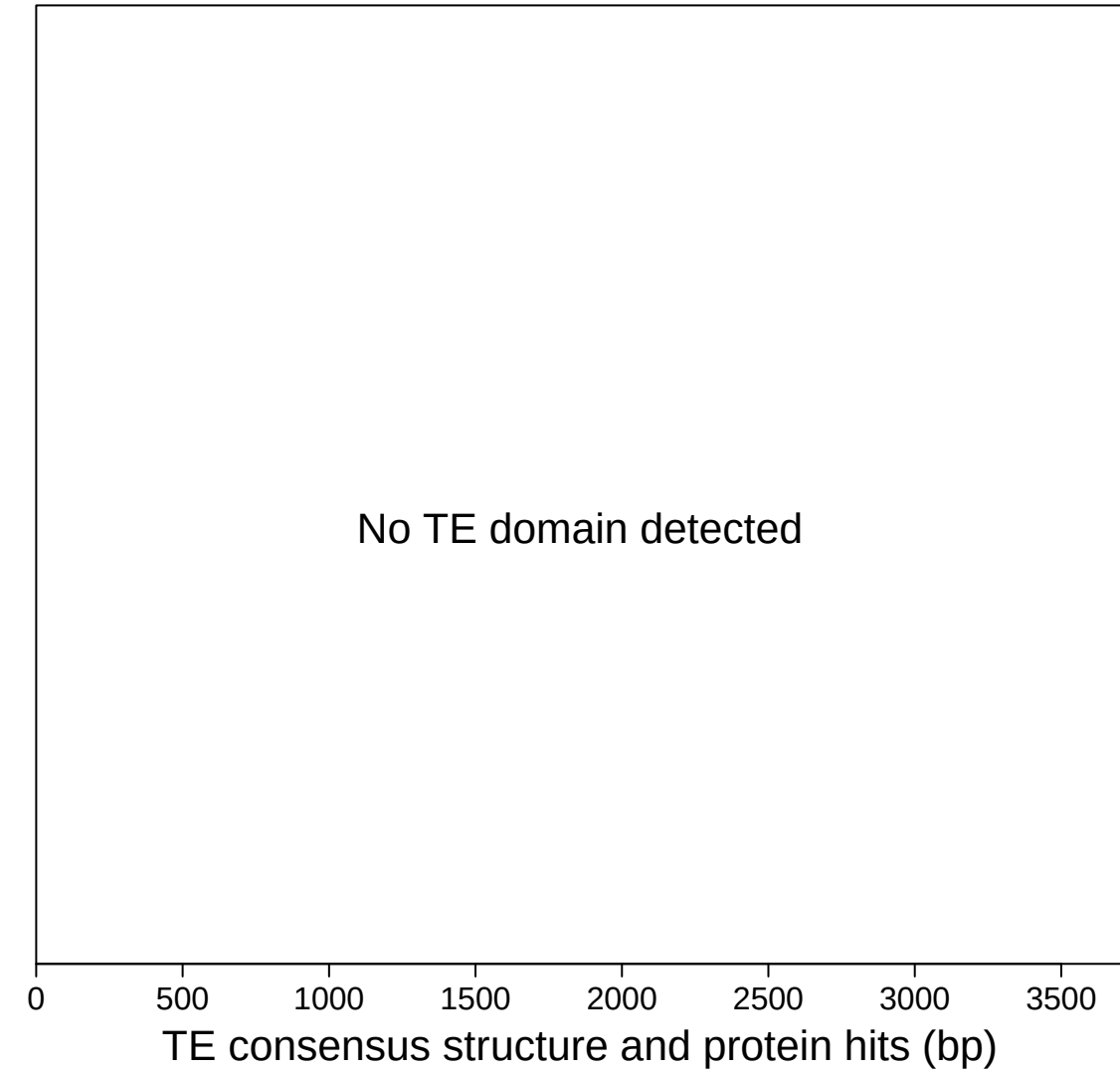
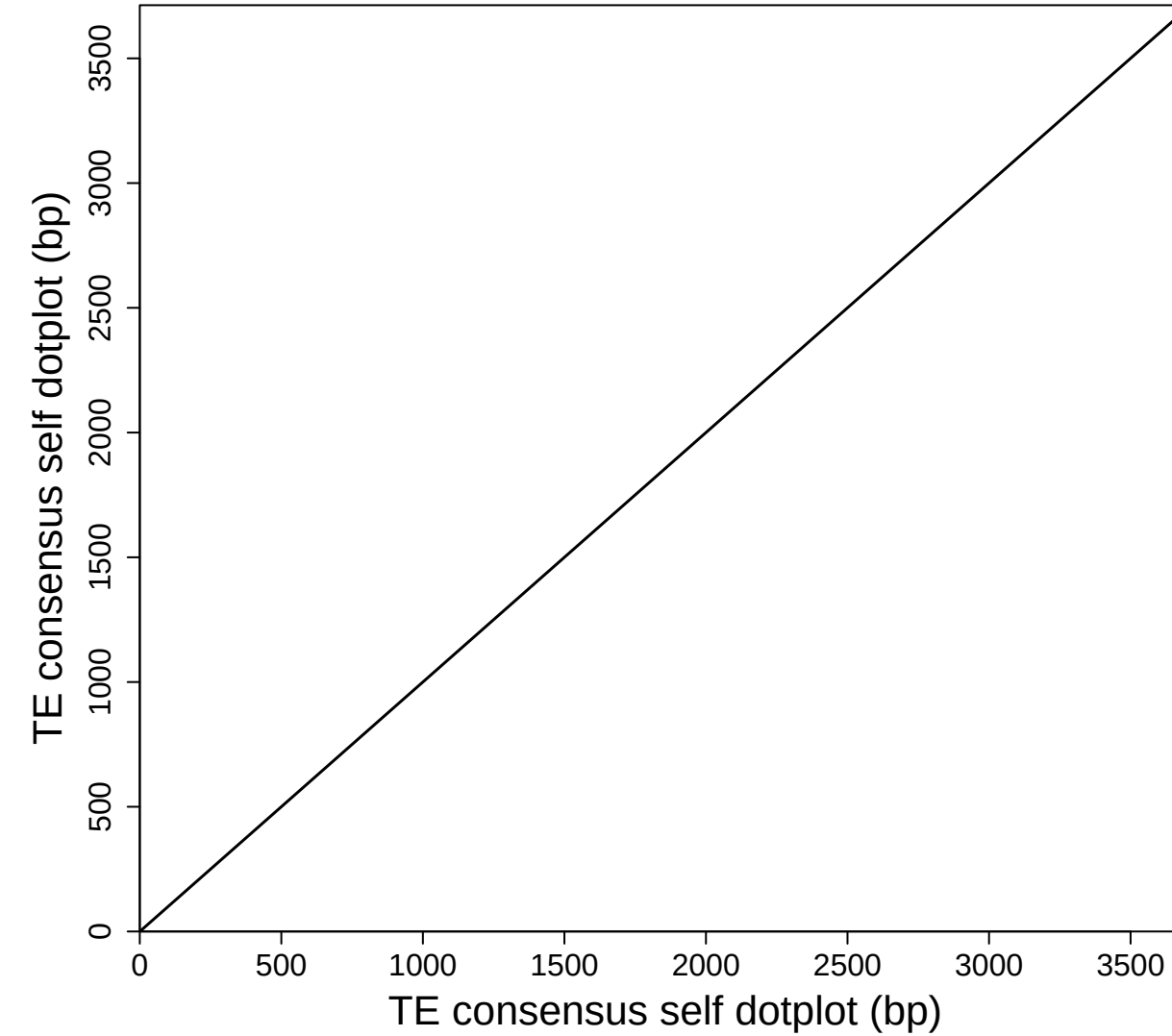
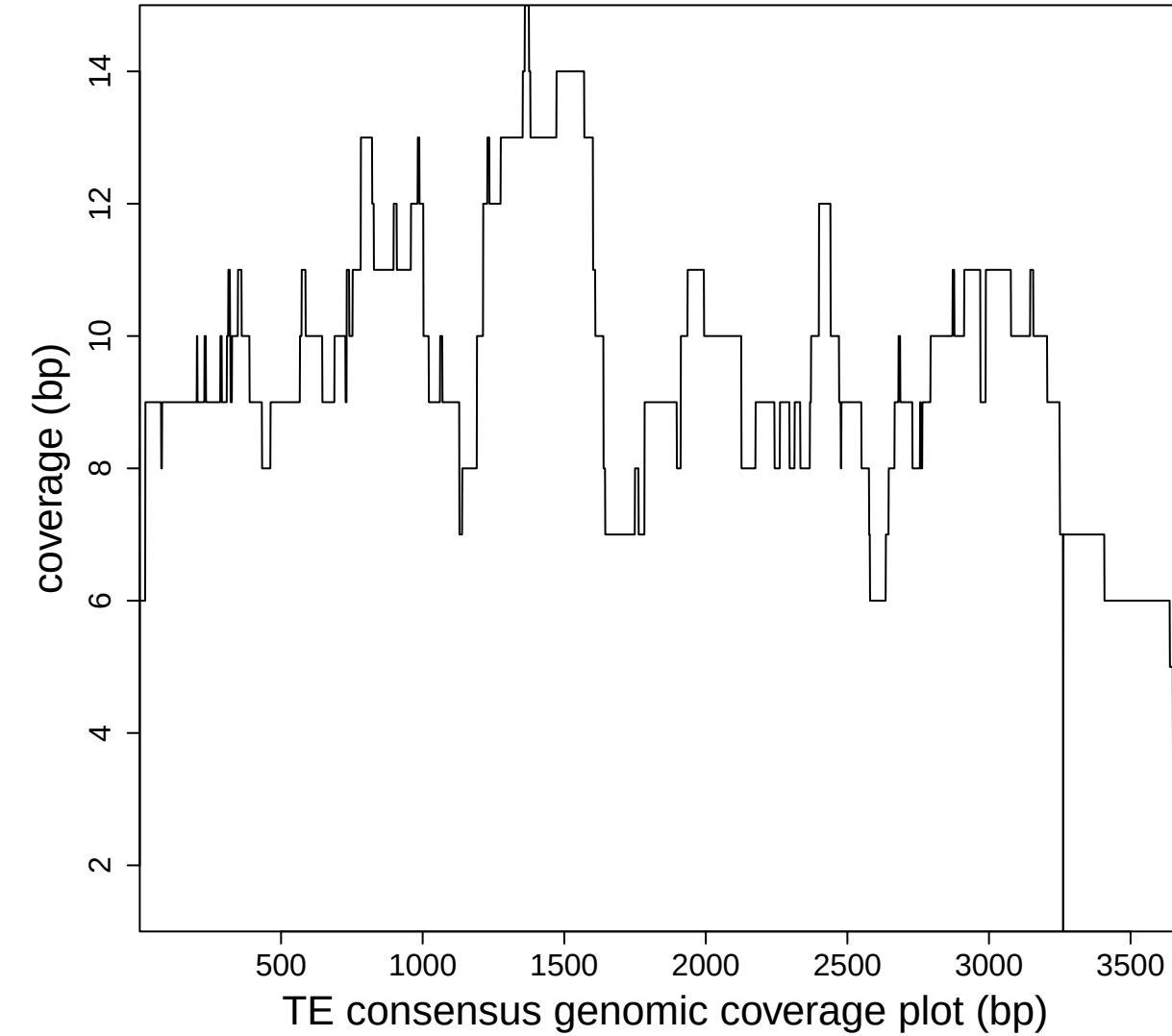
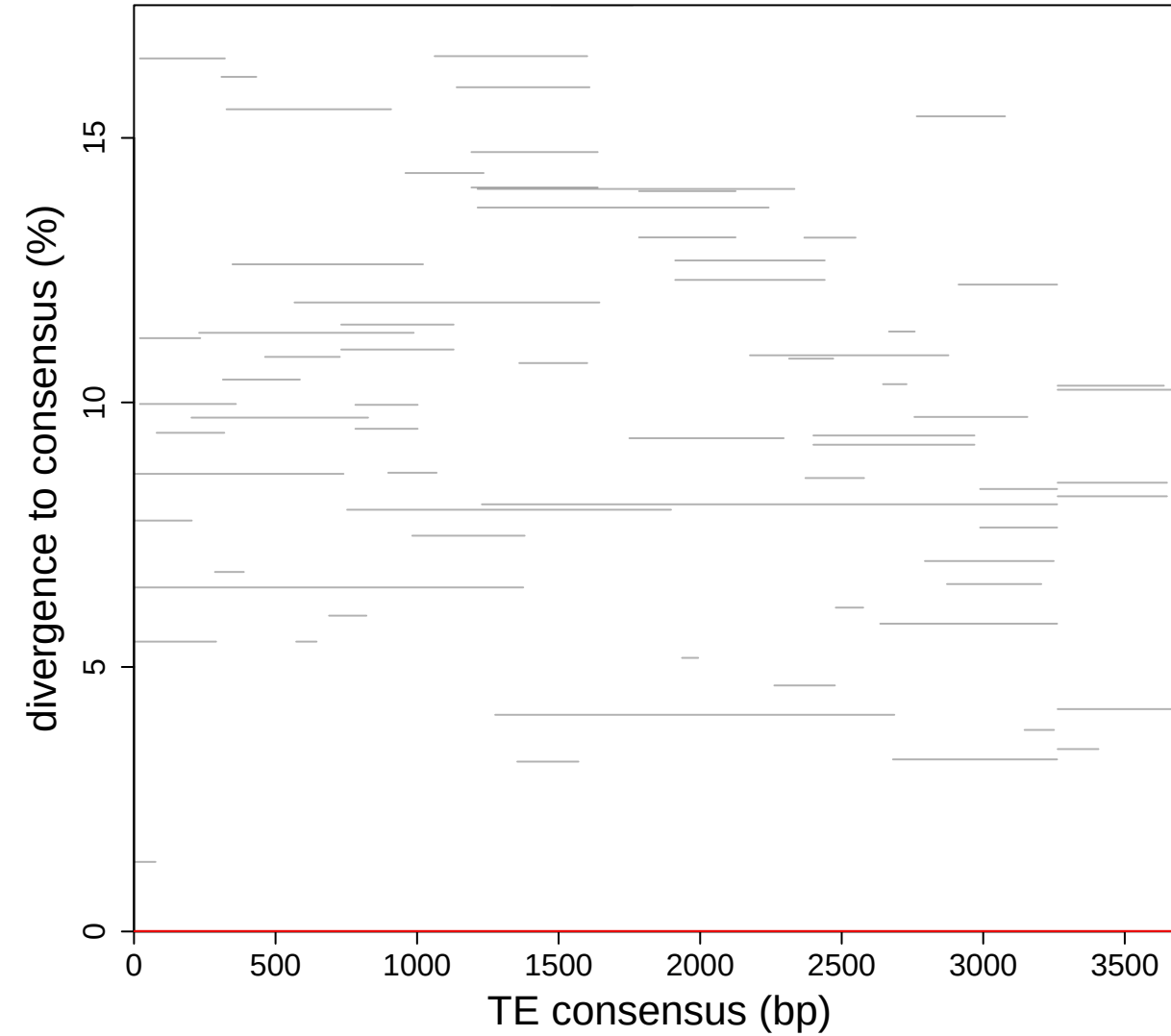
l.fasta.b.bed\_uf.bed\_g\_1.bed\_fm\_1.bed\_0\_0\_bcln.fa\_aln.fa\_cl.fa  
size: 2782bp; fragments: 34; full length: 0 (>=2503.8bp)

# After TEtrimmer Extended plot Blue lines are boundaries

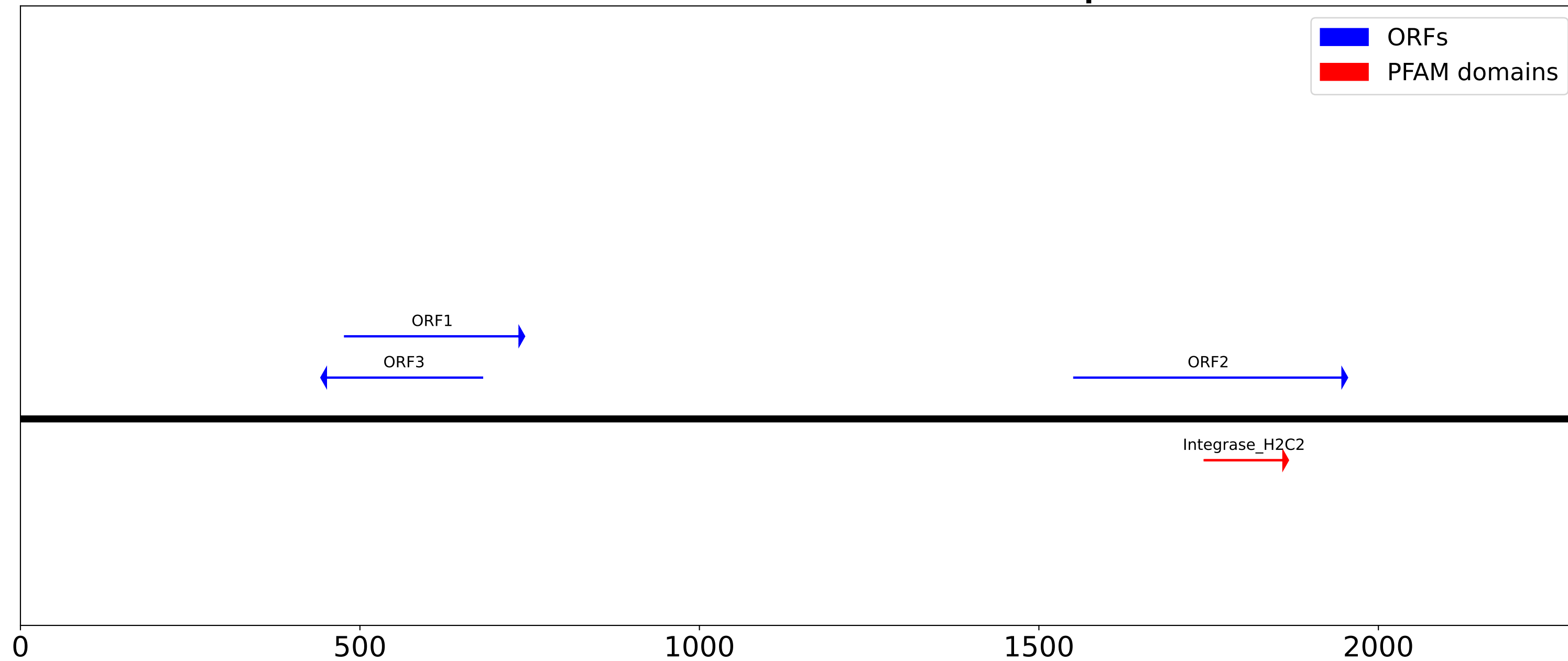


TE: ltr\_1\_family\_744  
size: 3713bp; fragments: 72; full length: 1 ( $\geq 3341.7$ bp)

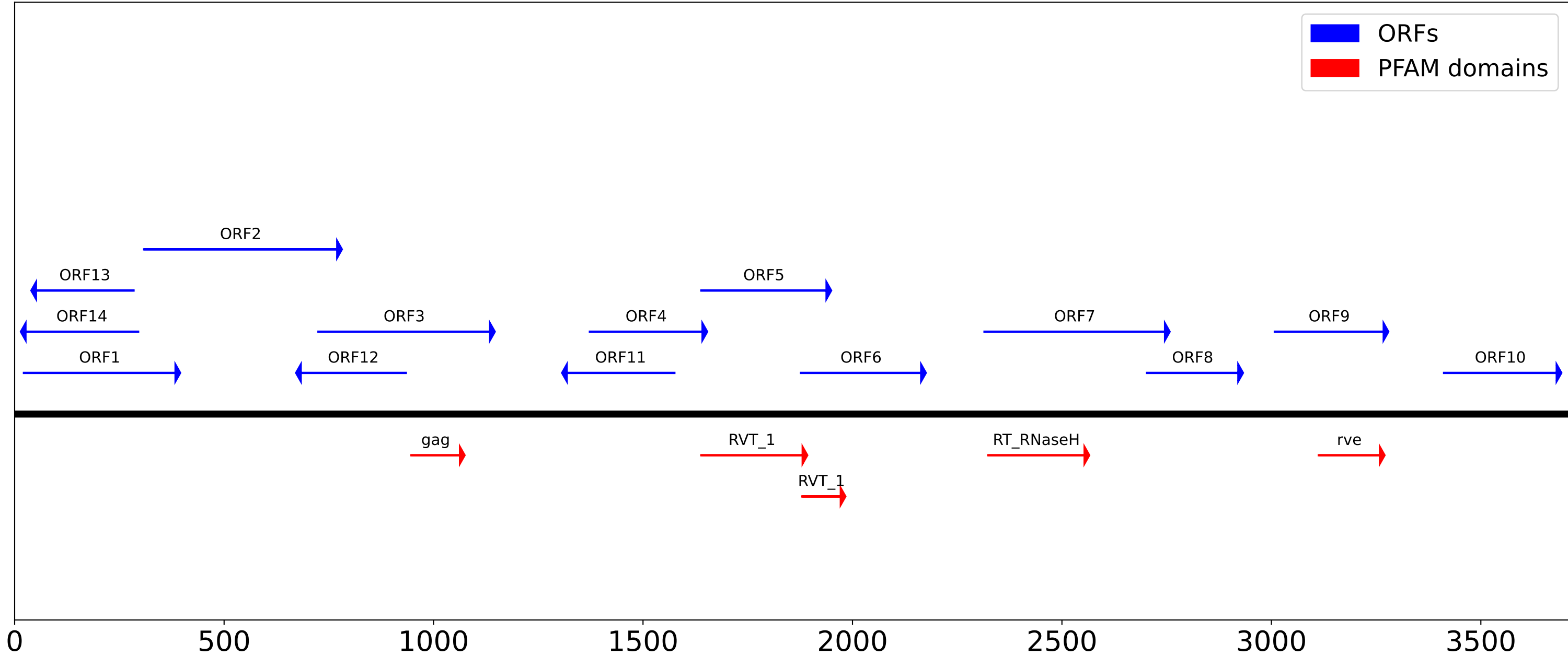
## Before TEtrimmer 3713 bp



## After TEtrimmer ORF and PFAM domain plot



# Before TEtrimmer ORF and PFAM domain plot





# Dotplot

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

