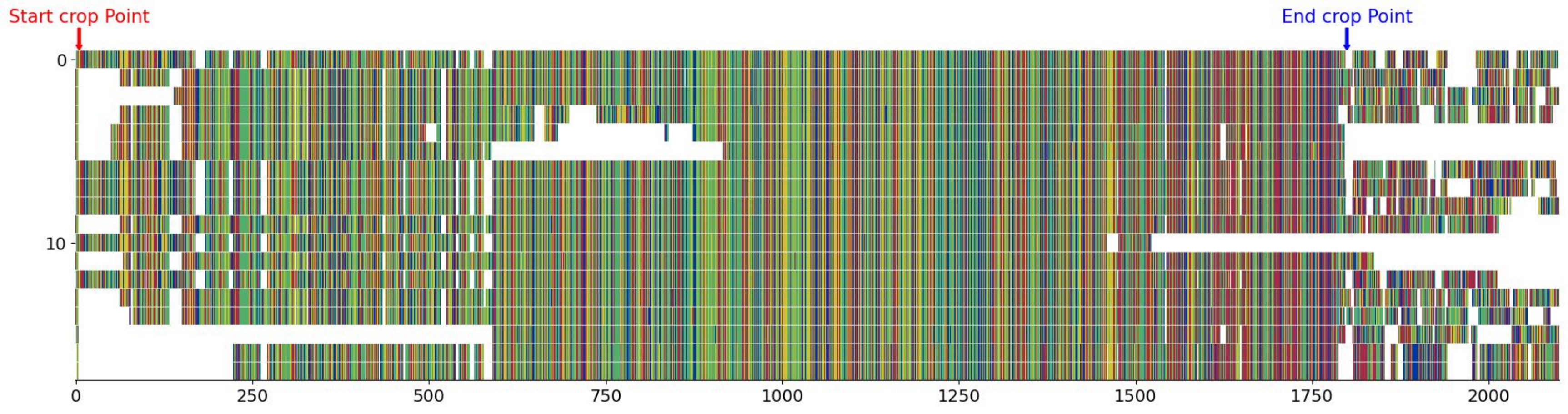


Start crop Point

End crop Point

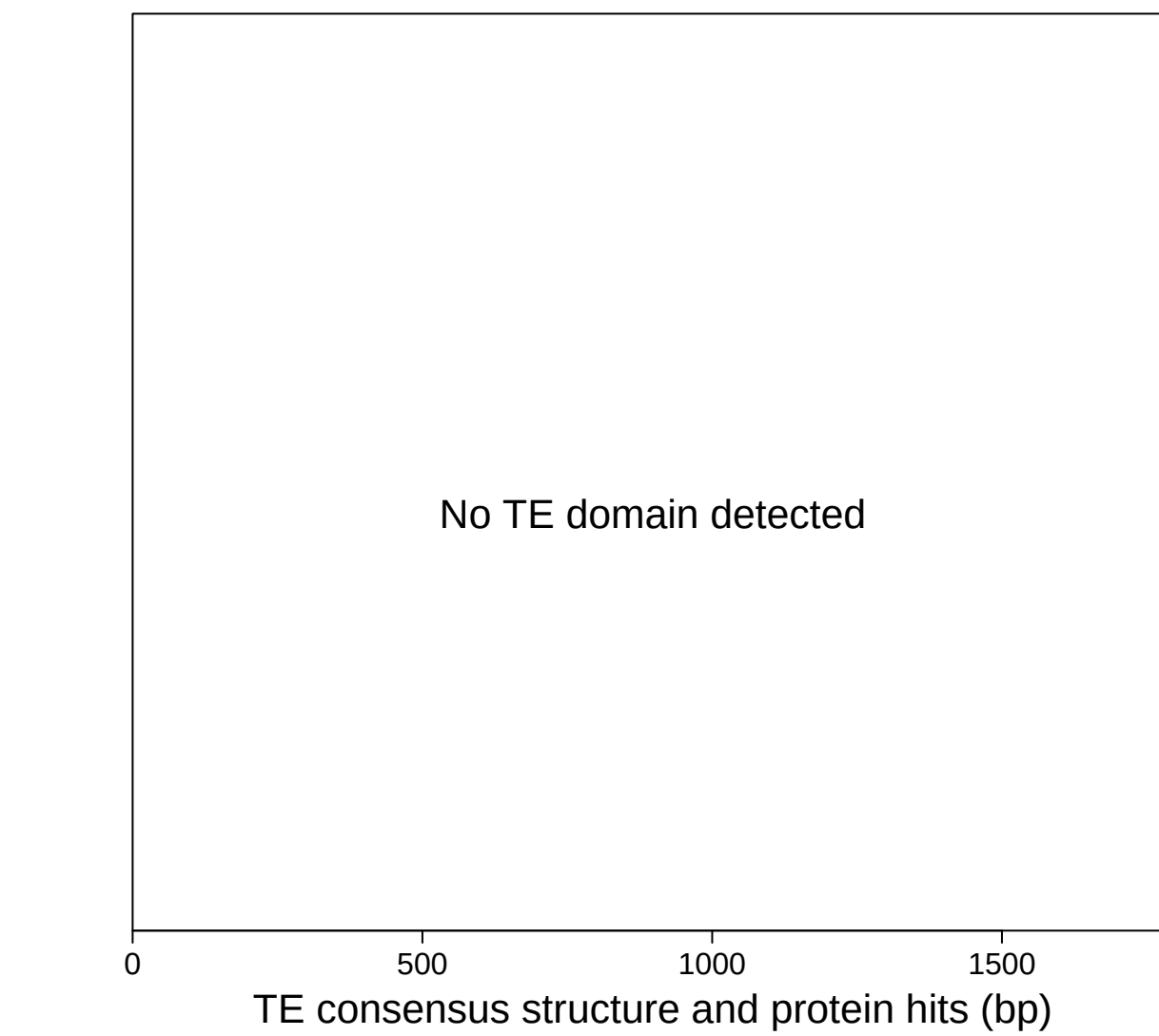
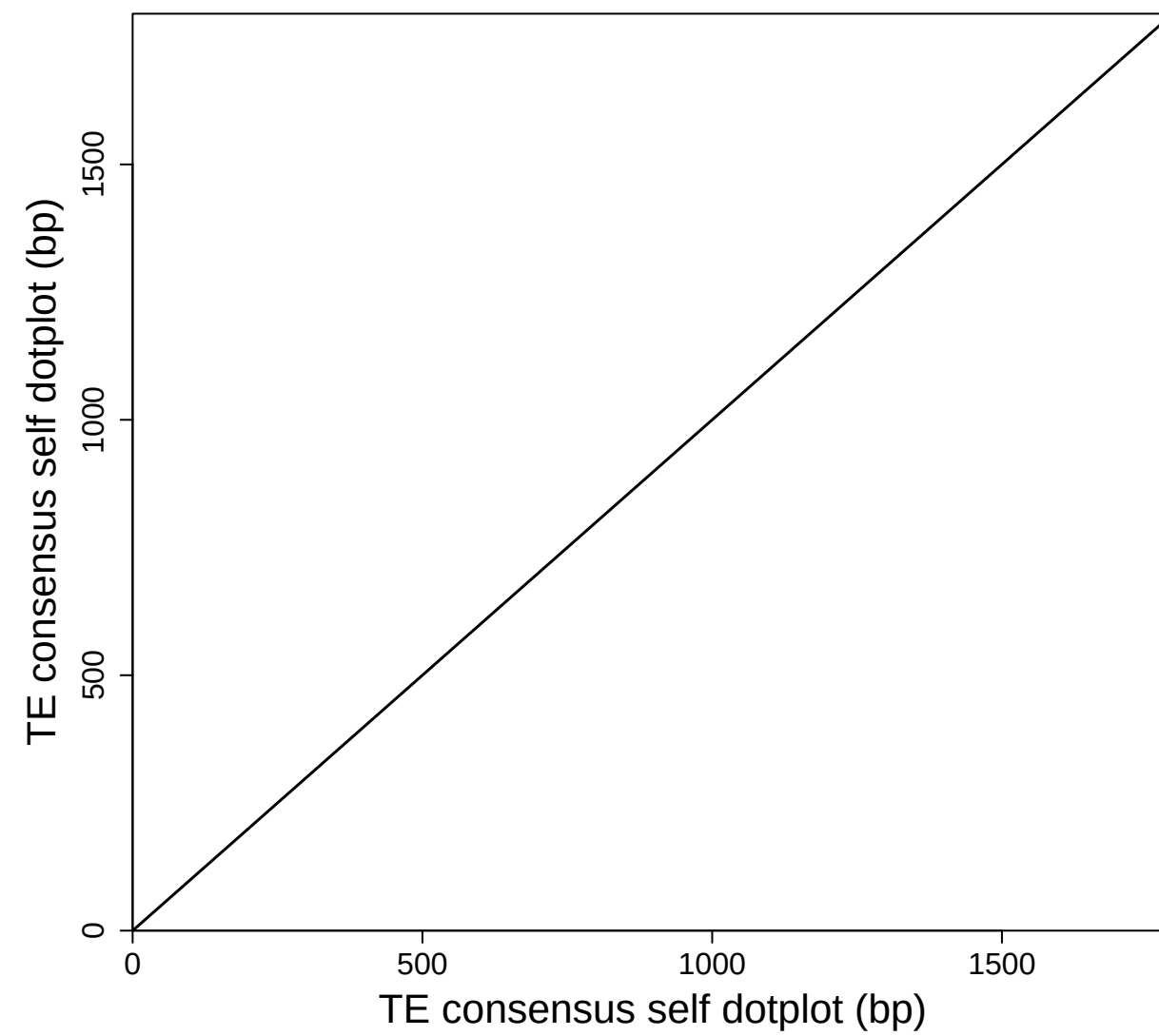
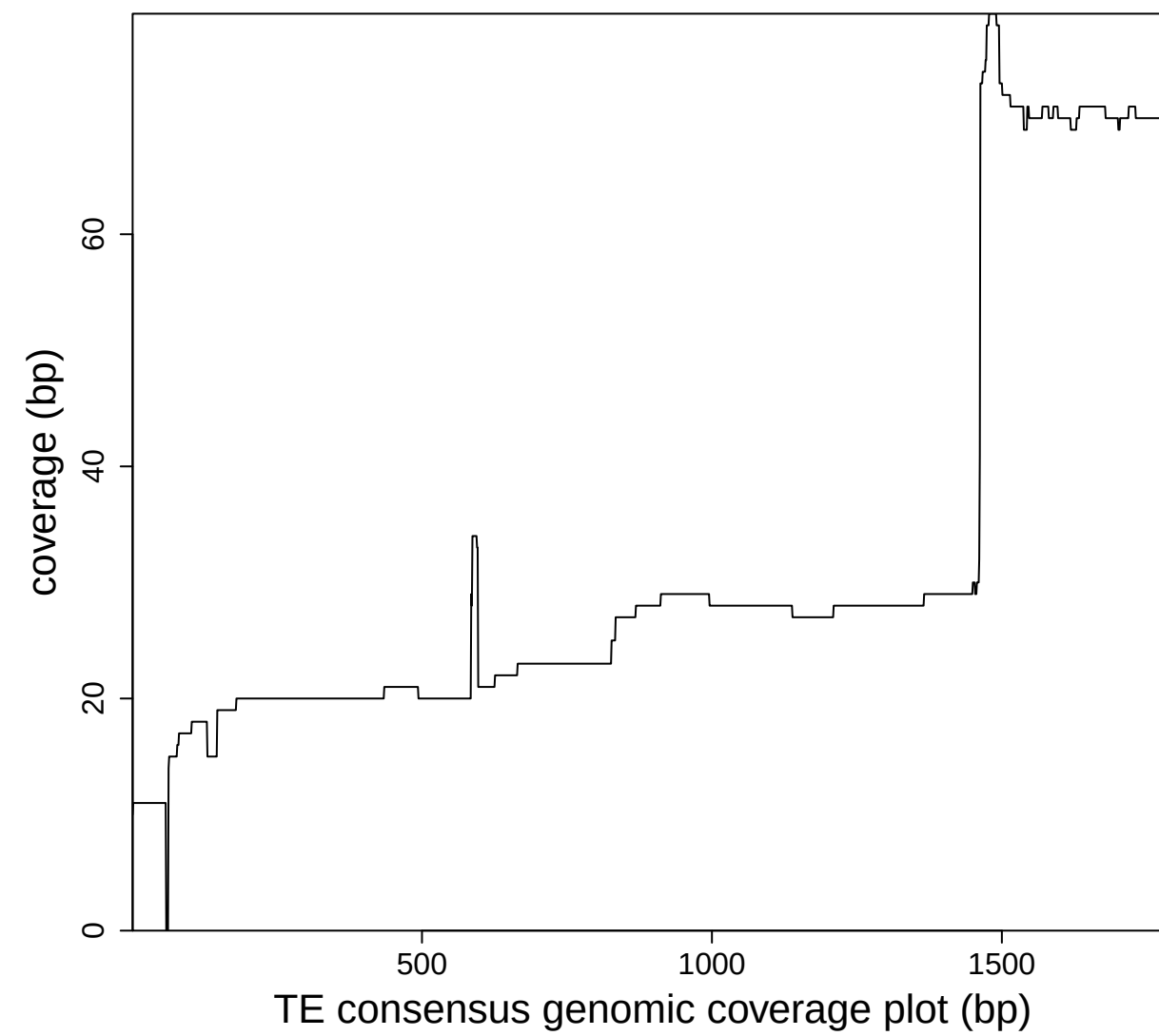
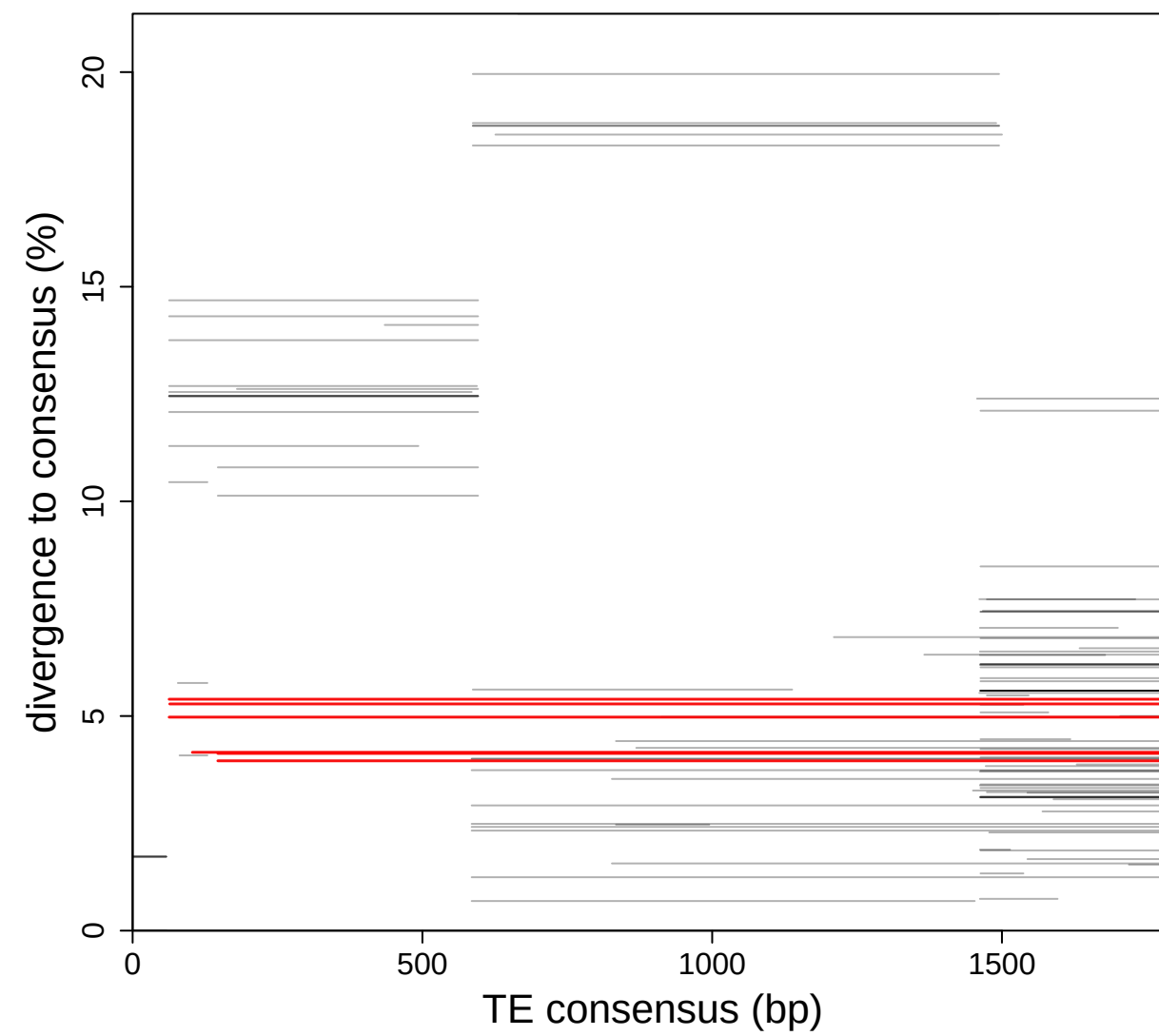
MSA length = 1795

- AAATGGGTTTTCAAAC TAAAGCCGAGTGAAGATATGACCTTGAACAAGTACAAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAACAATCTAACAATGTATAAGT - - - - - TGGACGTCAGAACCTCGTTTGTGTAAAAAGTCAA - - - - -
TAAAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAACAATCTAACAAGCGTGCAAAATAATTTTAAT - - - - - TTA AACCGGCTGCTGTATAATAAGTATGTACACTGAACA
TAAAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAACAATCTAACAAGCTTTTAGTACAATTTT - - - - - GTATACAGGGTGTCCAGAAATAAGTGCAGATGTTTAAAG
TAAAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAACAATCTAACA - - - - - C-GCTTTG - - - - - AAATACTAAAATTGTAGTAAGTAAAACTGAGTTTACGAATTA
TAAAG - - - - - TGAG - - - - - TTCCAAGTTGTACCTTTTTATTATTCTAATATCTAACAATTTAAAAC - - - - -
TAAAG - - - - - TGAG - - - - - TTGA AAGTTGTACCTTTTTATTATTCTAATATCTAACAATTGAAAC - - - - -
- AAATGGGTTTTCAAAC TAAAGCCGAGTGAAGATATGACCTTGAACAAGTACAAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAATATCTAACAATAATAAT - - - - - ATTTGACCATTTGGTTAA TTTAAAAAAATAATAAAATAAAAAA
- AAATGGGTTTTCAAAC TAAAGCCGAGTGAAGATATGACCTTGAACAAGTACAAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAATATCTAACAATAATAACTA - - - - - AATGTGTCTAAGATTCTCTTTGGAATAAAATCAAAAGCGGTTG
- AAATGGGTTTTCAAAC TAAAGCCGAGTGAAGATATGACCTTGAACAAGTACAAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAATATCTAACAAGAGATTAAAC - - - - - TTTCTGTGTCTTAGTTCTTT - - - - - TCAAAATTAA - - -
TAAAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAACAATCTAACAATAAATGACTATAATTTTAT - - - - - ACATATACAGGATGTTTT - - - - - GTTTAAAGTAAACGTGTTATT
- AAATAAGGTTTTCAAAC TAAAGCCGAGTGAAGATATGACCTTGAACAAGTACAAG - - - - -
TAAAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAAGATCTAACAAGGATTAACCGCATTTTGGATGACCCATATAGGATTTT TTTTGGAGAGATAA - - - - -
- AAATGGGTTTTCAAAC TAAAGCCGAGTGAAGATATGACCTTGAACAAGTACAAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAATATCTAACAATATGCAACT - - - - - TAACTTTTTTTCACATTTTTGACAACGACGACGATATTGG - - -
TAAAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAACAATCTAACAATAACTGGTACAATGAT - - - - - TTATACAGGGTGTCCAGAAATTAGTGCAAATATTTTAAAG
TAAAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAACAATCTAACAAGCTCGAC - - - - - CAAACATAT - - - - - AAATAACAAGTCTTGTTATAAATAAAACAGAGAGAAAAA
- AAAT - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAATATCTGACAATTAATTTT - - - - - TTATTATCTCTAATATCTAACAATAAAATTCAGAAAACAAATC
- - AAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAATATCTAATA - - - - - GTTCAGTTTATATTT TTTTAAATAAAGTTTTTGAAAAATTC
- - AAG - - - - - TTCCAAGTTGTACCTTTTTATTATCTCTAATATCTAATA - - - - - GTTCAGTTTATATTT TTTTAAATAAAGTTTTTGAAAAATTC



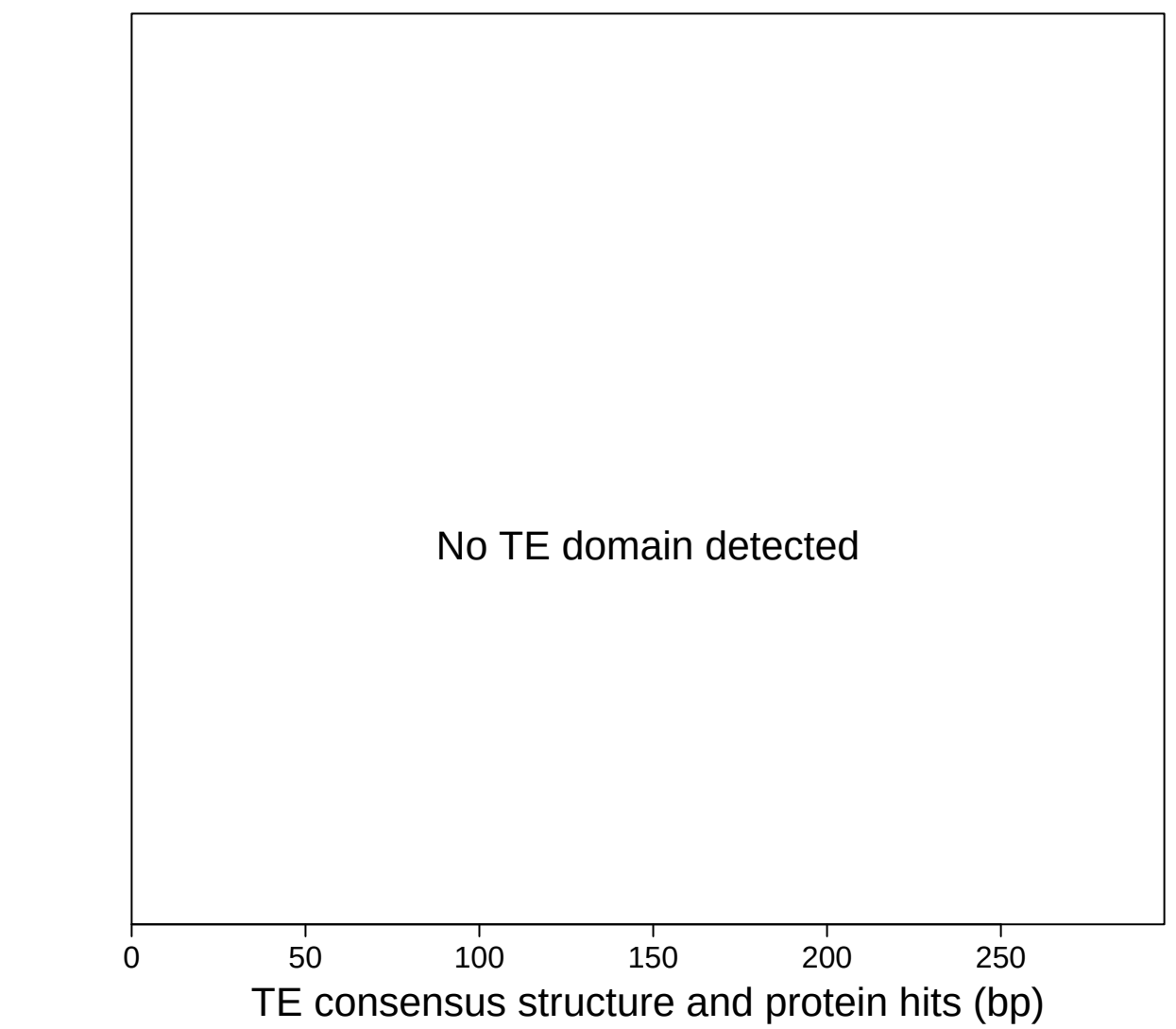
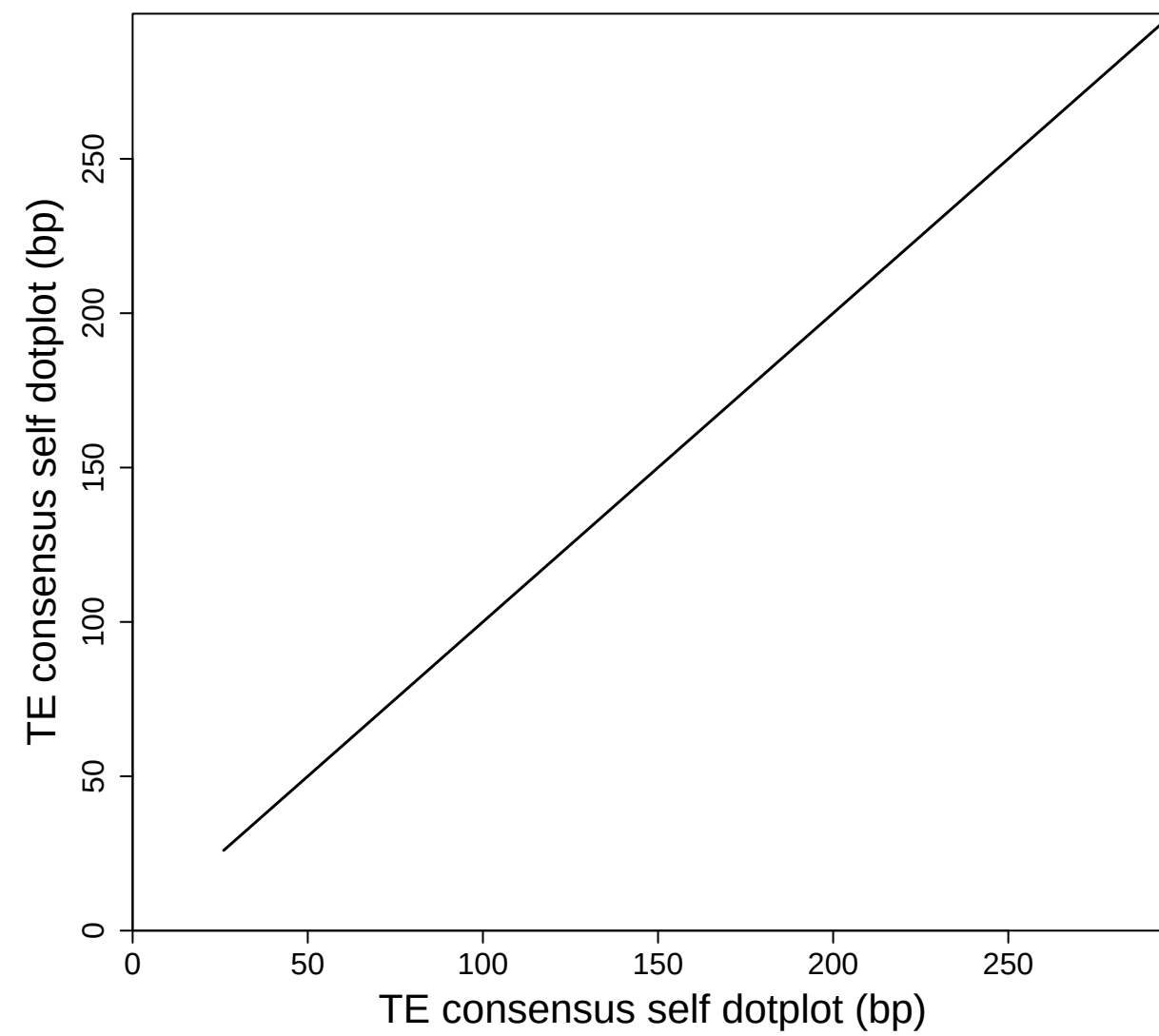
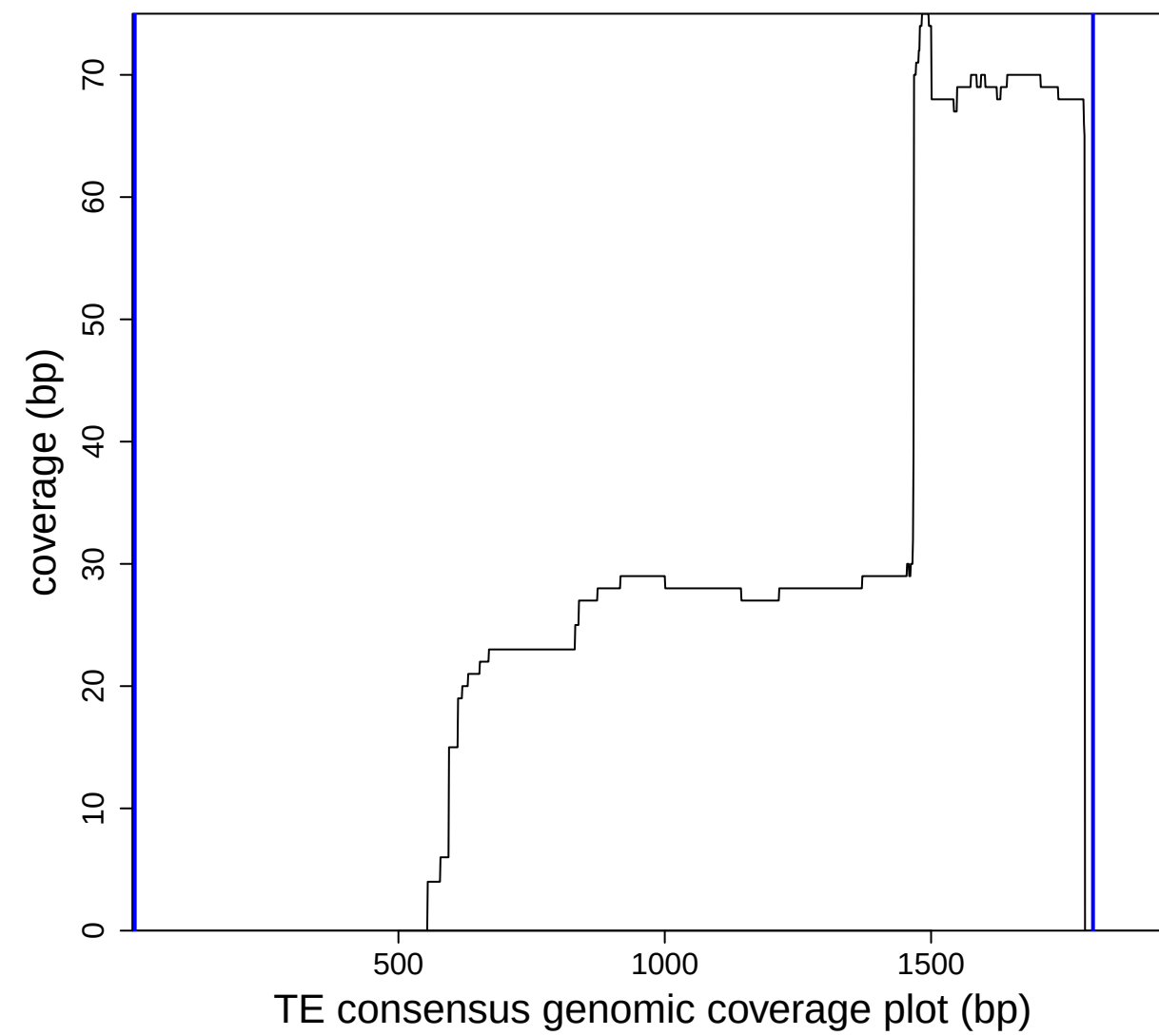
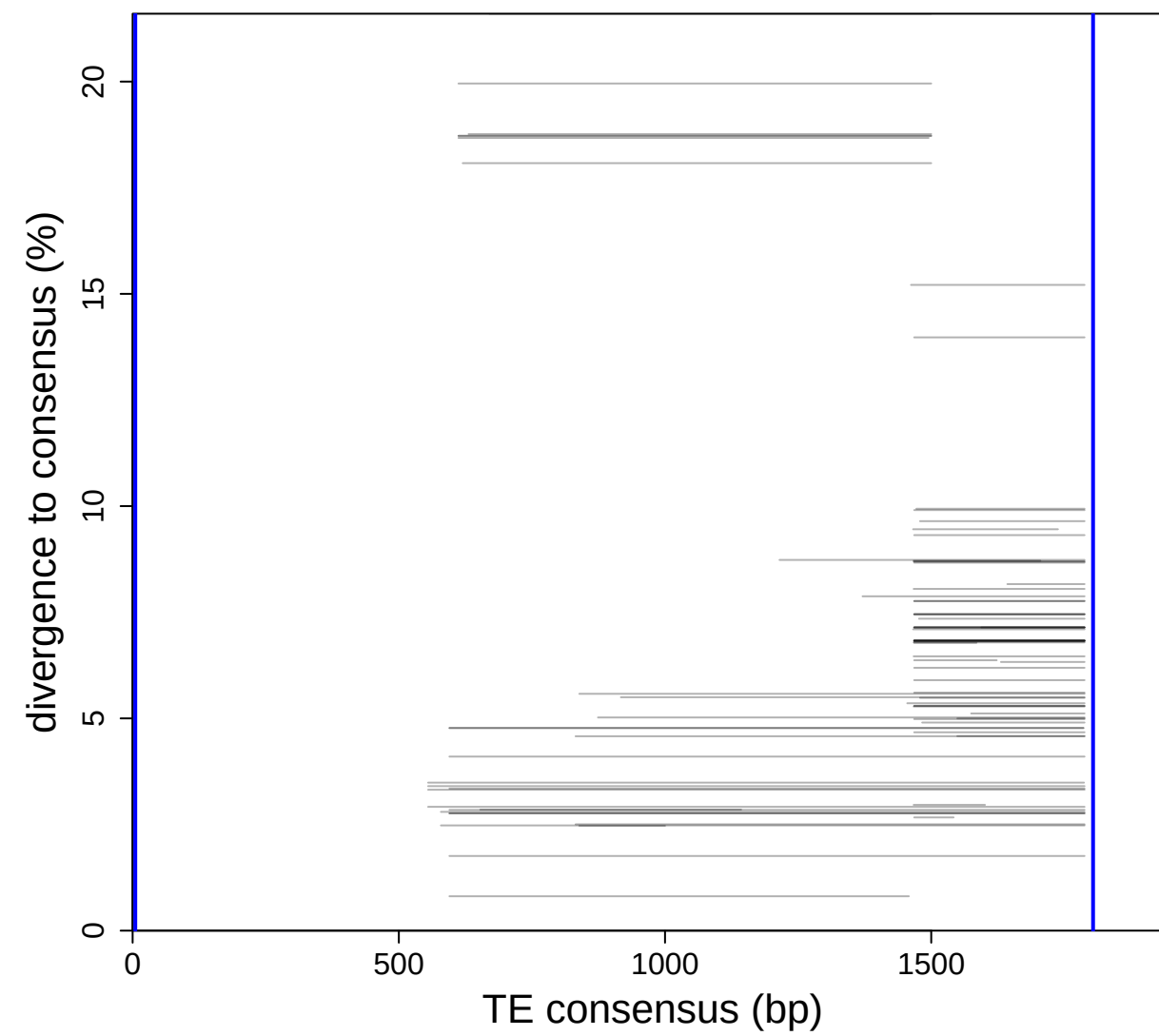
b.bed uf.bed g 1.bed fm 1.bed 0 0 bcln.fa aln.fa cl.fa gs.fa
size: 1795bp; fragments: 119; full length: 6 (>=1615.5bp)

After TEtrimmer 1795 bp



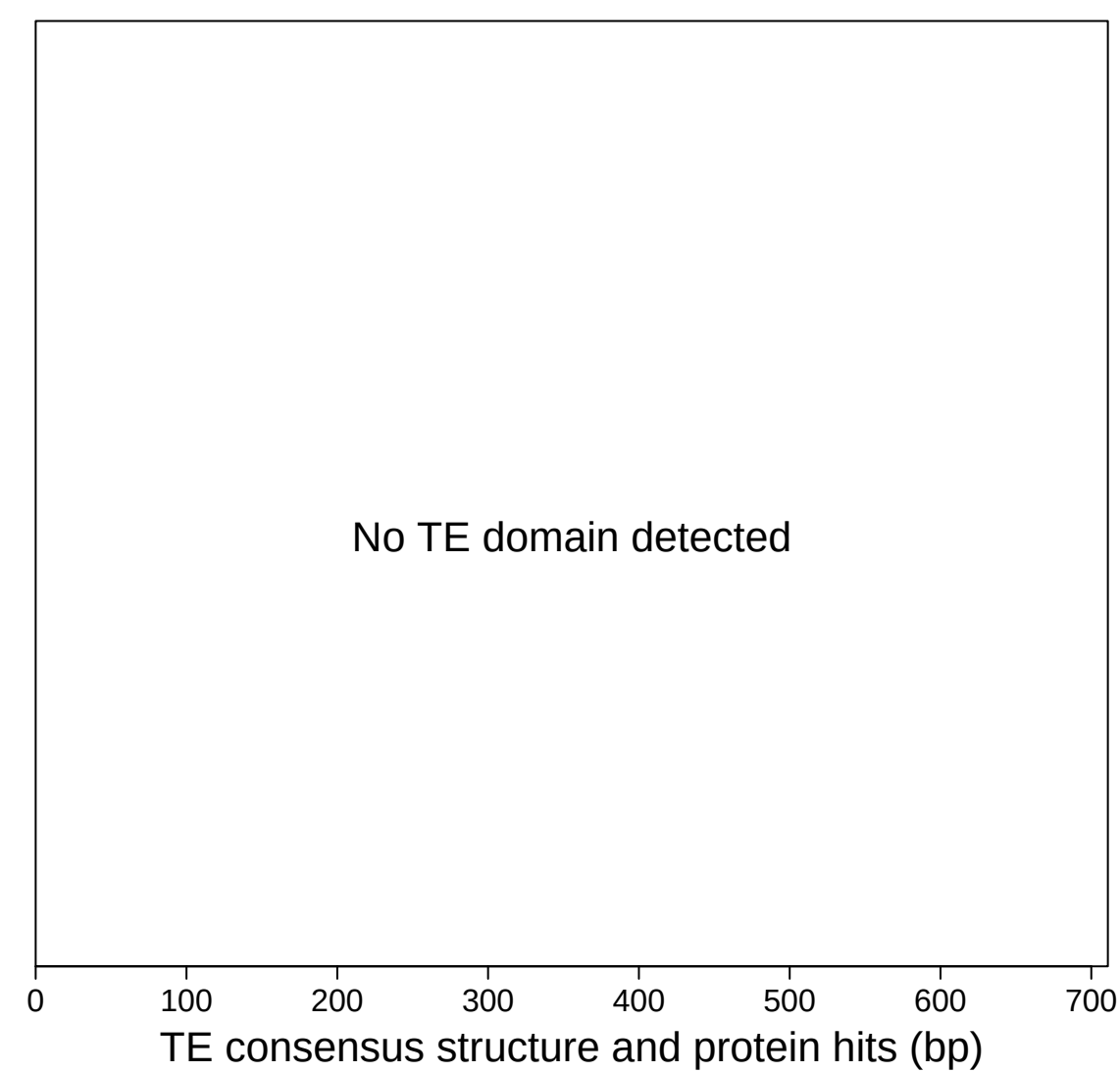
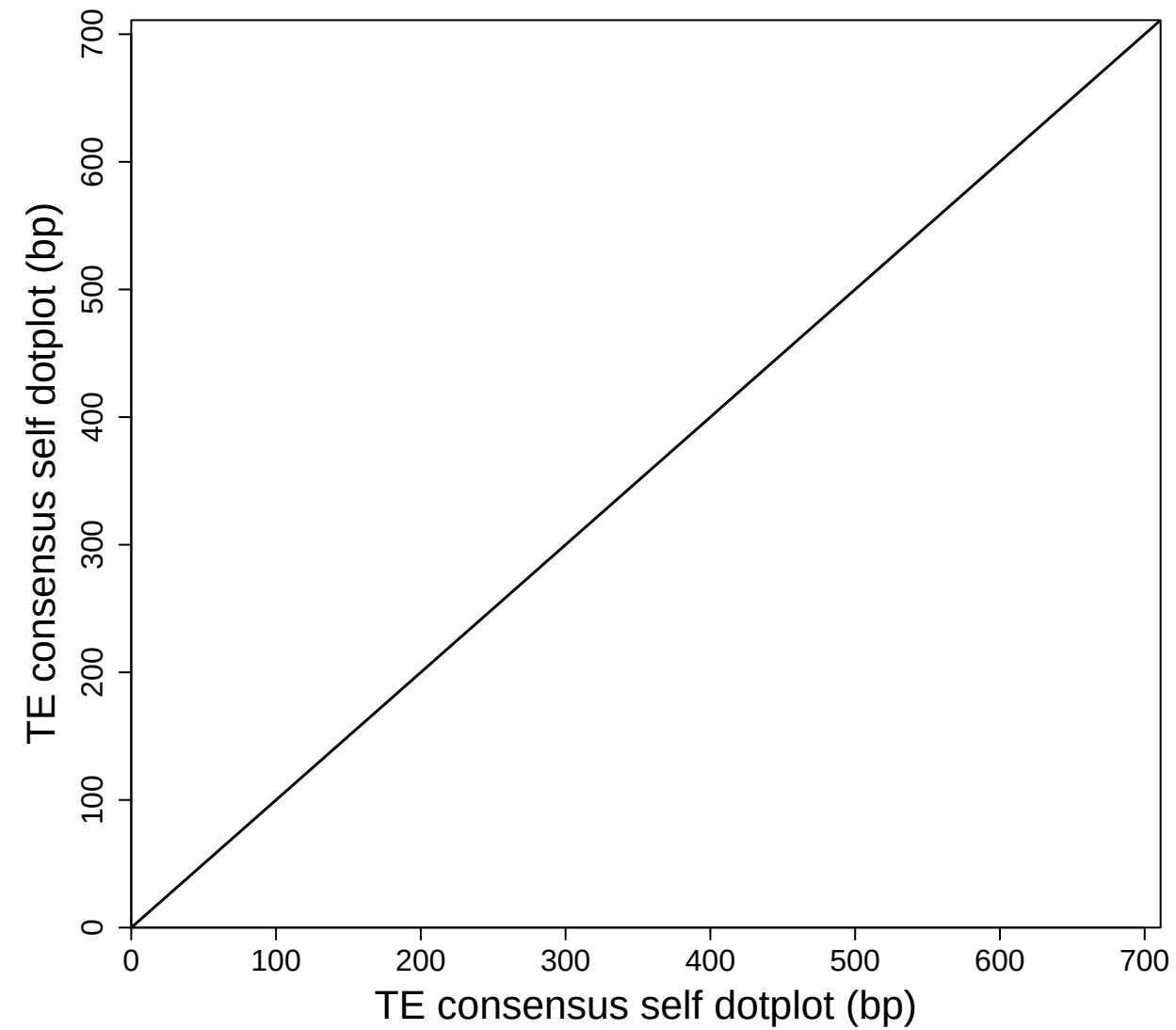
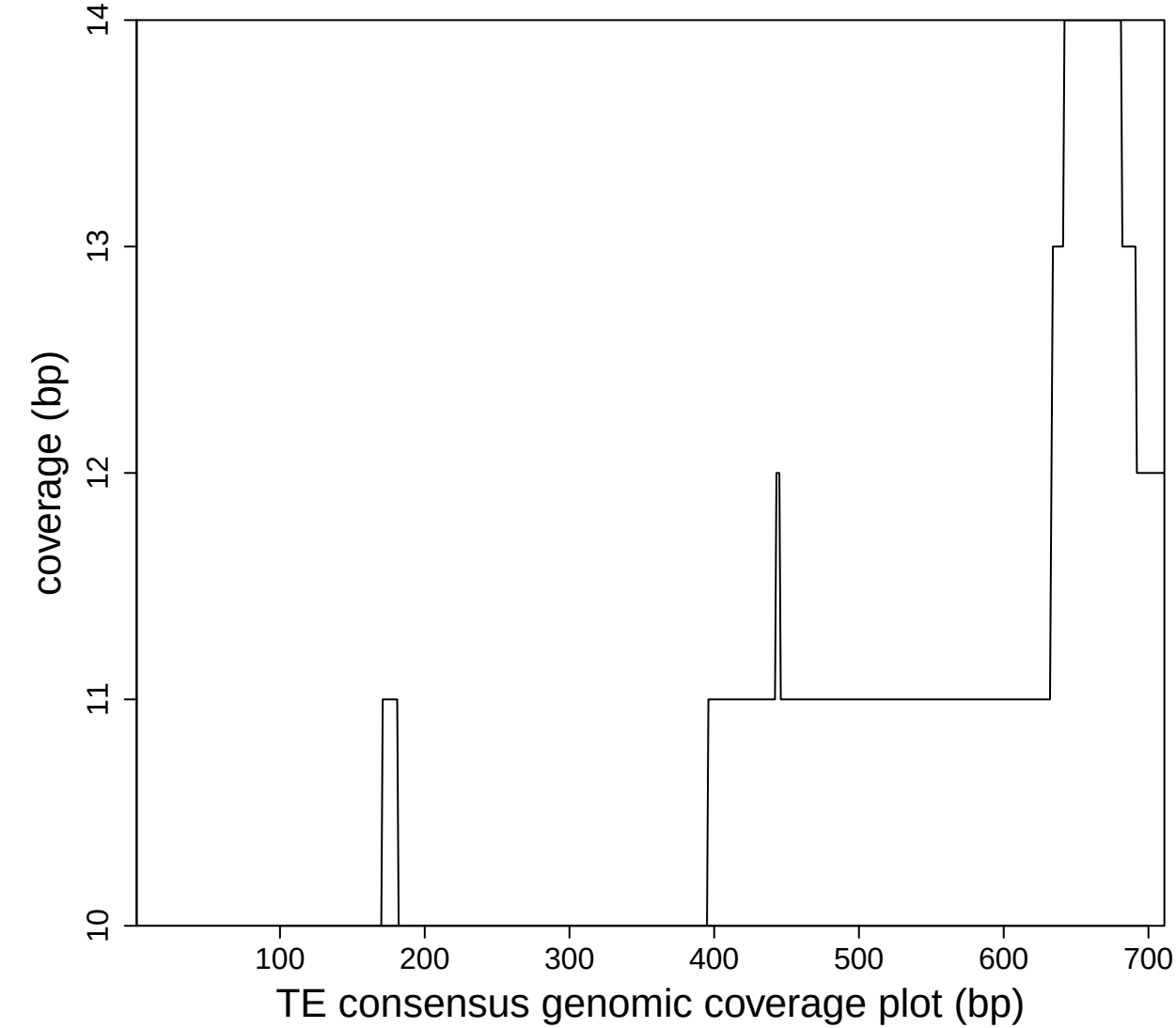
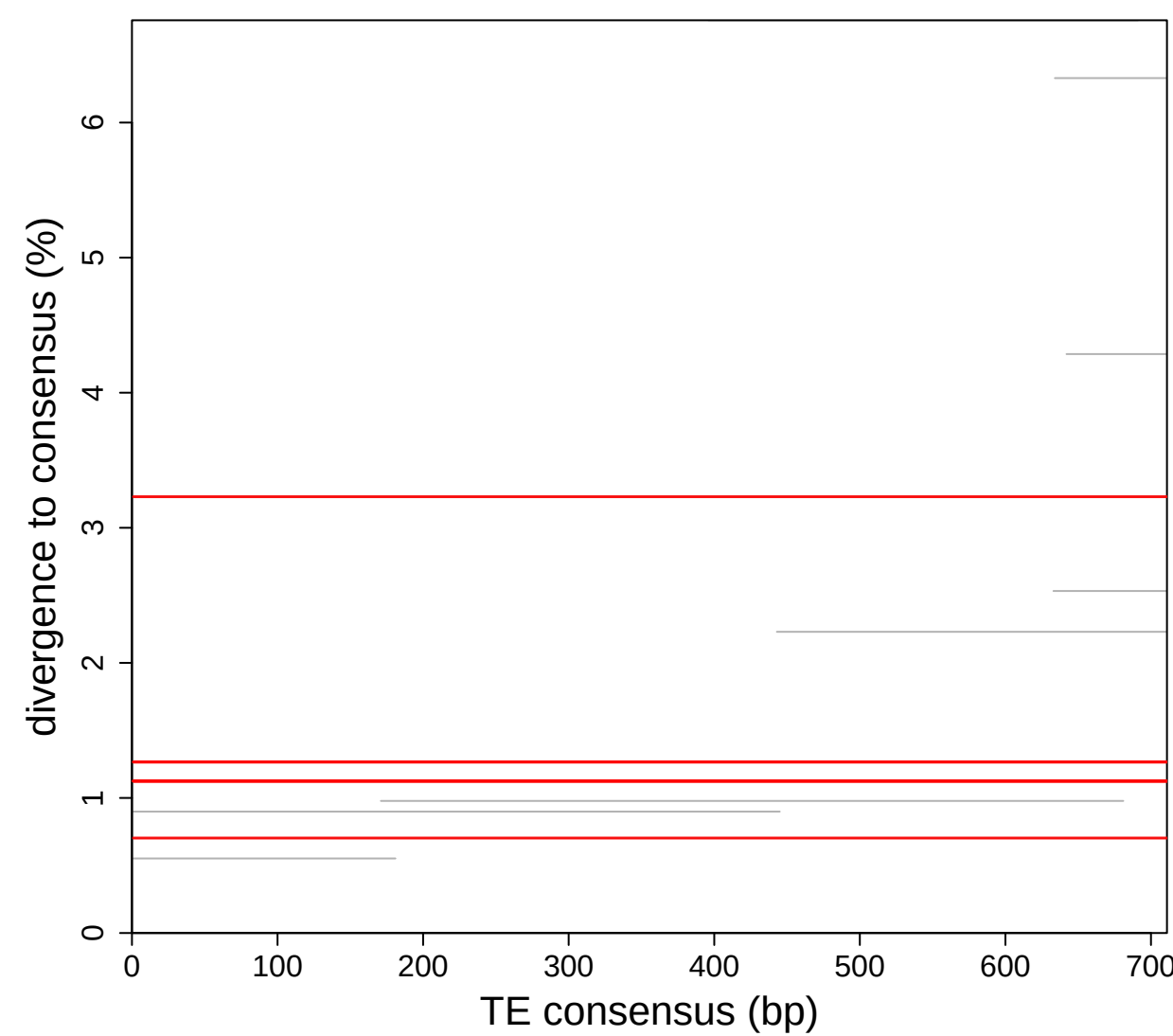
.fasta.b.bed_uf.bed_g_1.bed_fm_1.bed_0_0_bcln.fa_aln.fa_cl.fa
size: 1954bp; fragments: 84; full length: 0 (>=1758.6bp)

After TEtrimmer Extended plot Blue lines are boundaries

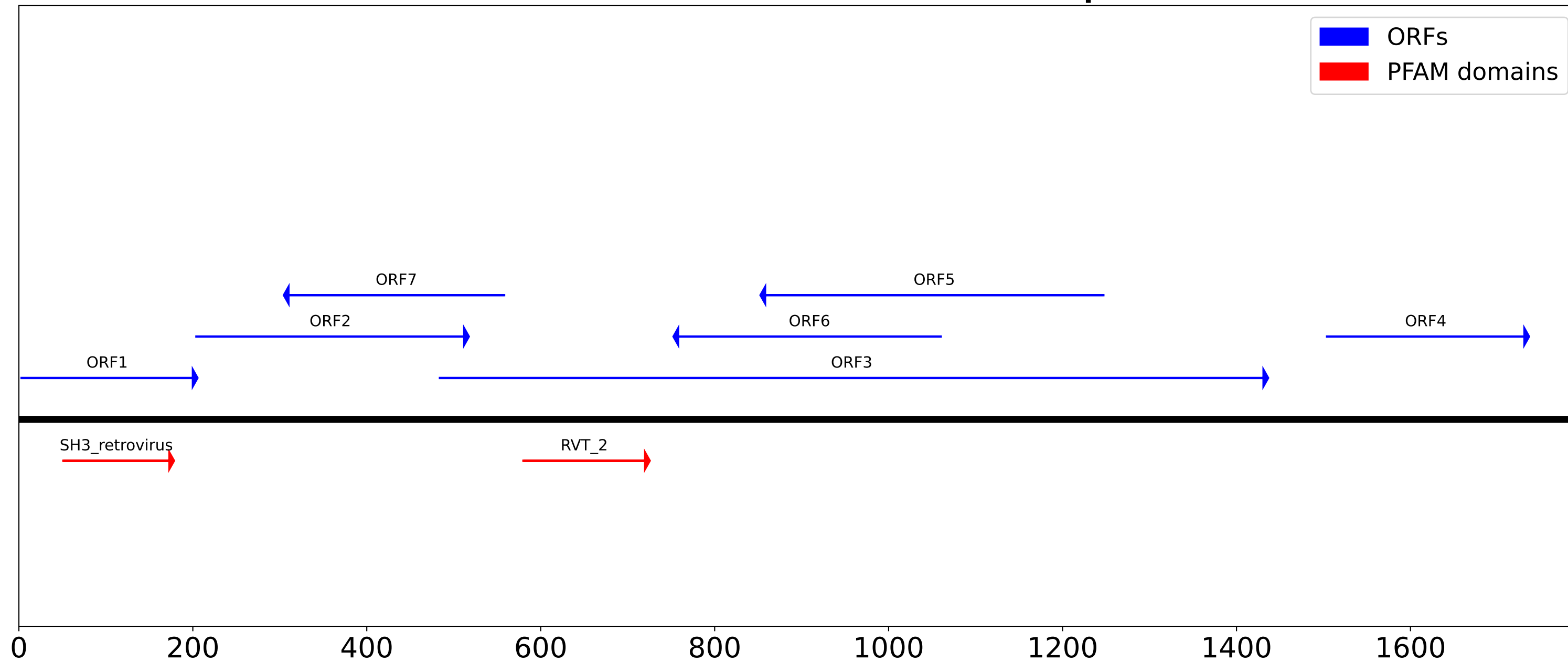


Before TEtrimmer 711 bp

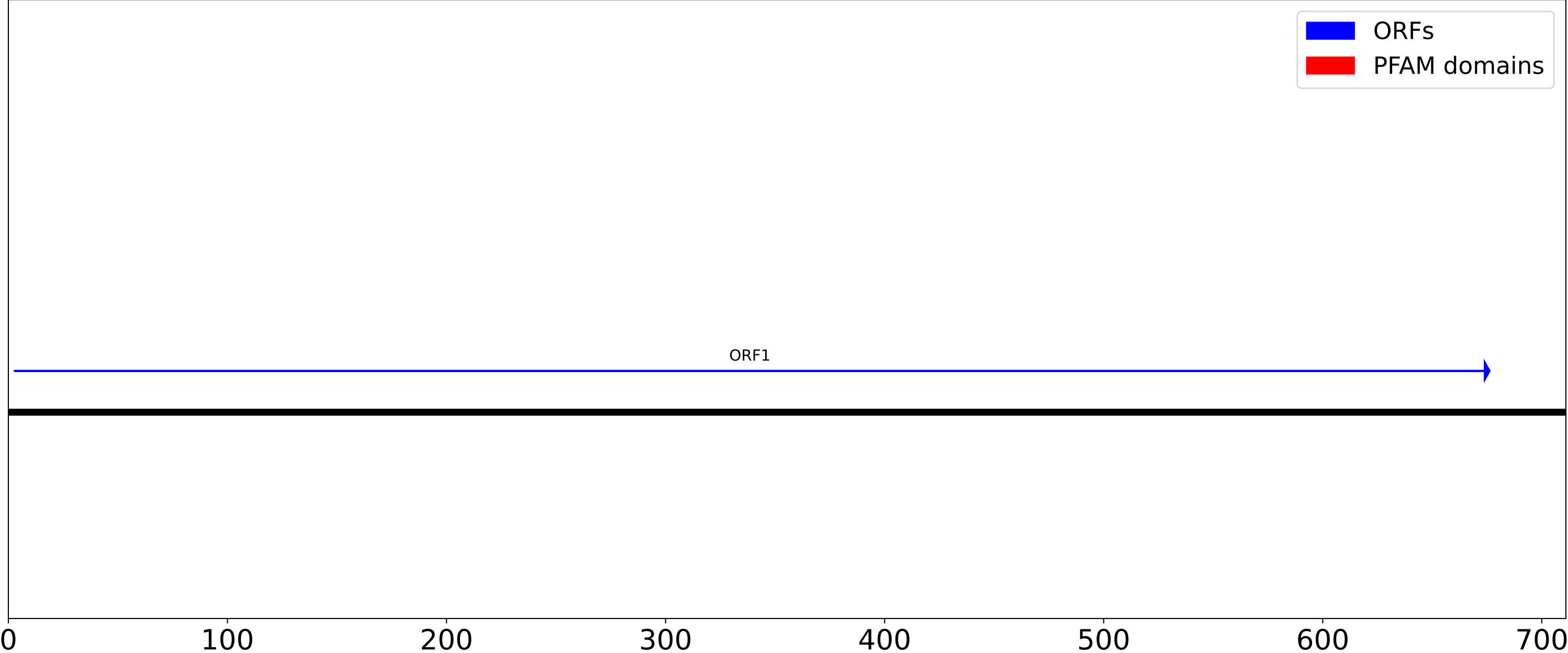
TE: ltr_1_family_531
size: 711bp; fragments: 16; full length: 8 (≥ 639.9 bp)



After TEtrimmer ORF and PFAM domain plot



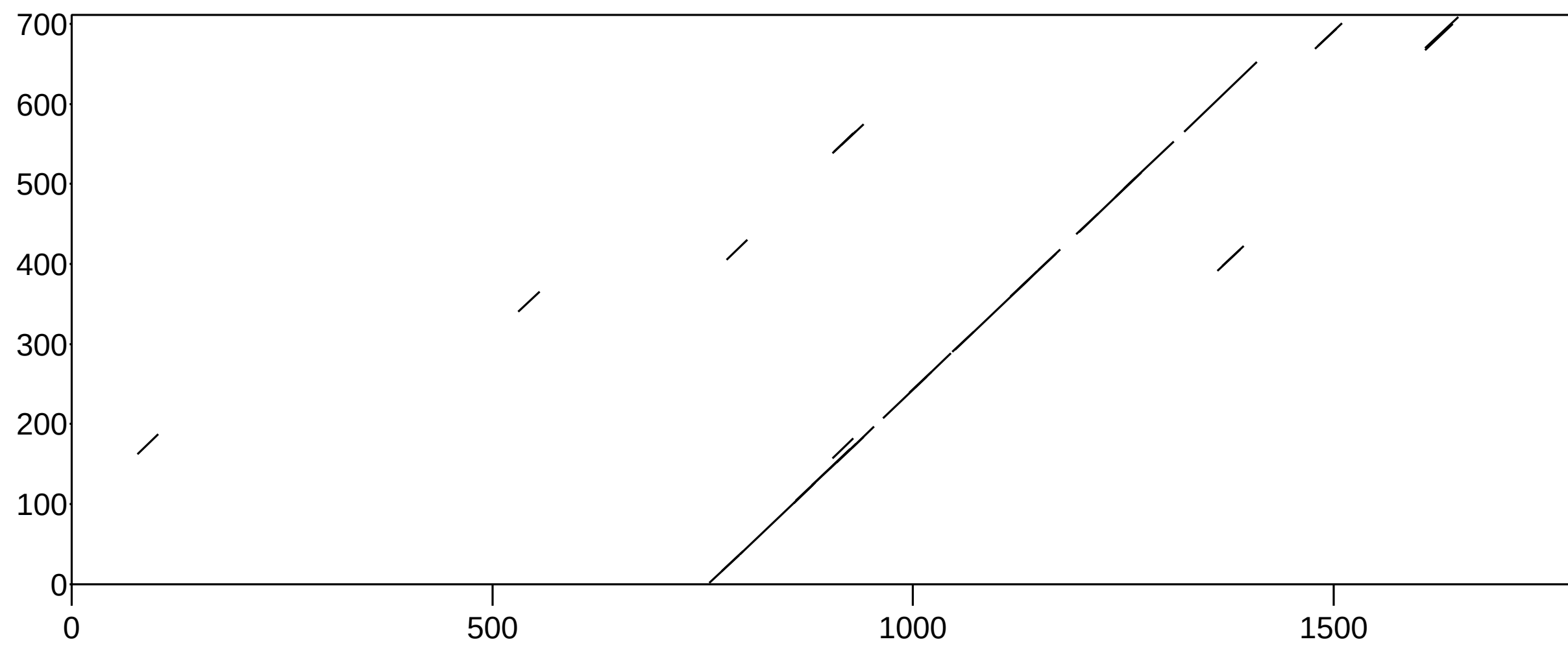
Before TEtrimmer ORF and PFAM domain plot



Dotplot

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

TE consensus before TEtrimmer (bp)



TE consensus after TEtrimmer (bp)