

Start crop Point

End crop Point

MSA length = 3588

TA TCAAAGGATCTGACGCTTCTGAATATTAAATATATATTCTAAGTTATA - - - - - AGTTCTATAGATACCAGACTGTGCGGACGTGTTTAGTG - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTTATAT

AA TCAAAGGGCGGAATTTTTCGAAAAATTTTGATATTTGCTTATTTGGGAAATTATTATAAAGATCTATAGATACCAGACTGTGCGGACGTGTTTAGTG - - - - - TGGAAATGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTCATAT

AA TCAAAGGGCGGAATTTTTCGAAAAATTTTGATATTTGCTTATTTGGGAAATTATTATAAAGTTCTATAGATACCAGACTGTGCGGACGTGTTTAGTG - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTCATAT

CCACA - - - - GTCAAATCCGTTTGCCAAAAATTA - - - - - GCTTTAAACGTCAAAAT - - - - - AGTATGATCGAGTACCGACTGTGCGGACGTGTTTAGTG - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTCATAT

TGACAGGGGACGCAATTCCTTTCTTGAATGTTTA - - - - - TTTAAACAGTA - - - - - AGTATGATCGAGTACCGACTGTGCGGACGTGTTTAGTG - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTCATAT

CCACA - - - - GTCTATCCGTTTGCCAAAAATCA - - - - - GCTTTAAATGTCAAATTTATTATATAGTATGATCGAGTACCGACTGTGCGGACGTGTTTAGTG - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTCATAT

GGAAA - - - - ACCAAATTTGTTTACAAATAATCAT - - - - - GTGTTTAAATTTTCG - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTCATAT

AA TCAAAGGGCGGAATTTTTCGAAAAATTTTGATATTTGCTTATTTGGGAAATTATTATAAAGTTCTATAGATACCAGACTGTGCGGACGTGTTTAGTG - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGTCTACAGTCATAT

- - - - - GAGAAATTAGTTAAGTGTAATTTAA - - - - - TTAGTTAAATGTTA - - - - - TAAAGTTCTATAGATACCAGACTGTGCGGACGTGTTTAGTG - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCGCGAGTGGCTACAGTCATAT

GGACA - - - - CTTCTCTCTTTTATTAAAGTTCA - - - - - TTTTCAGGCCATA - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTCATAT

ACATT - - - - ACCTCGTCTTTTGTGAGCATTTTA - - - - - TTTTTTAAATCACG - - - - - GTGCAAAAGTTCTATAGATACCAGACTGTGCGGACGTGTTTAGTG - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTCATAT

CGAGGG - - - - ATGAAATCCAATTTGTAATTAGGTAGGTGTTTATATGGTAGCG - - - - - TTTTATAAAGTTCTATAGATACCAGACTGTGCGGACGTGTTTAGTG - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTCGTAT

- - - - - GCGCATGAACGTTTAGACAACCTG - - - - - ATCACTTTTATGCGA - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTCATAT

TTACA - - GGGTTTATAGGTATTCTATAGATCT - - - - - ATTTAGGTATTC - - - - - TTATAAAGTTCTATAGATACCAGACTGTGCGGACGTGTTTAGTG - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTCATAT

- - - - - CCAGACTGTGCGGACGTGTTTAGTG - - - - - TGGAACGATACGGATTTAGAGGGGAAGTCTCTCGAGTGGCTACAGTCATAT

Start crop Point

End crop Point

0

10

0

500

1000

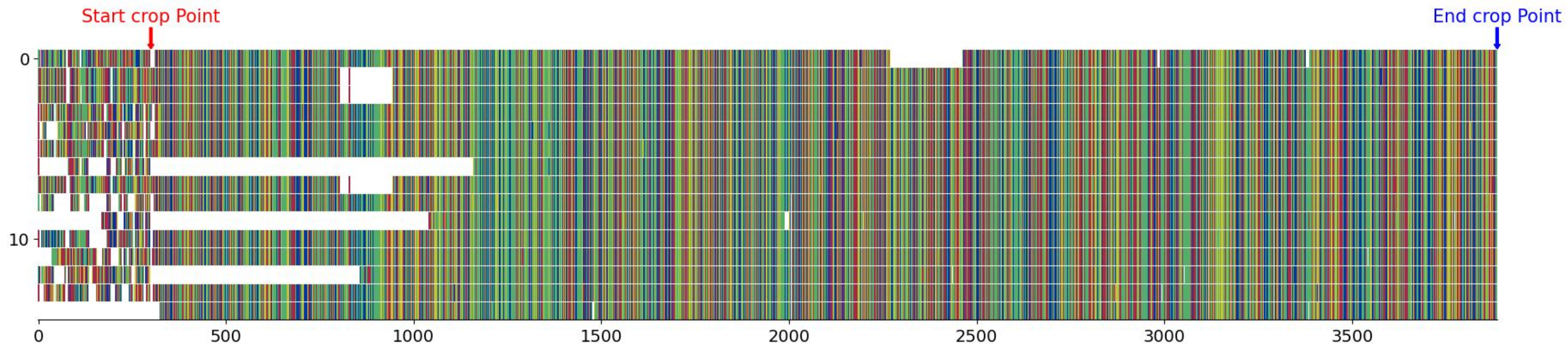
1500

2000

2500

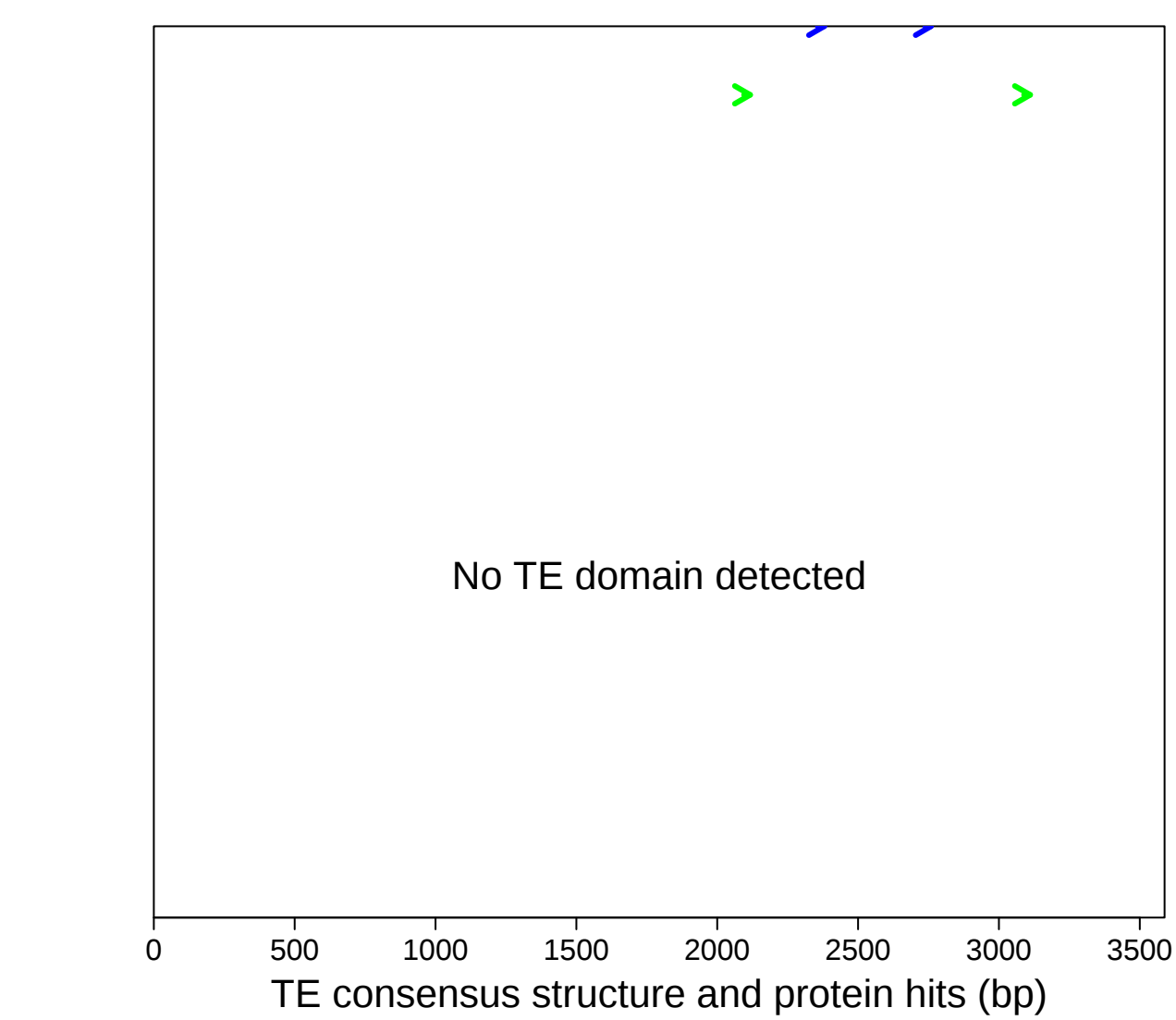
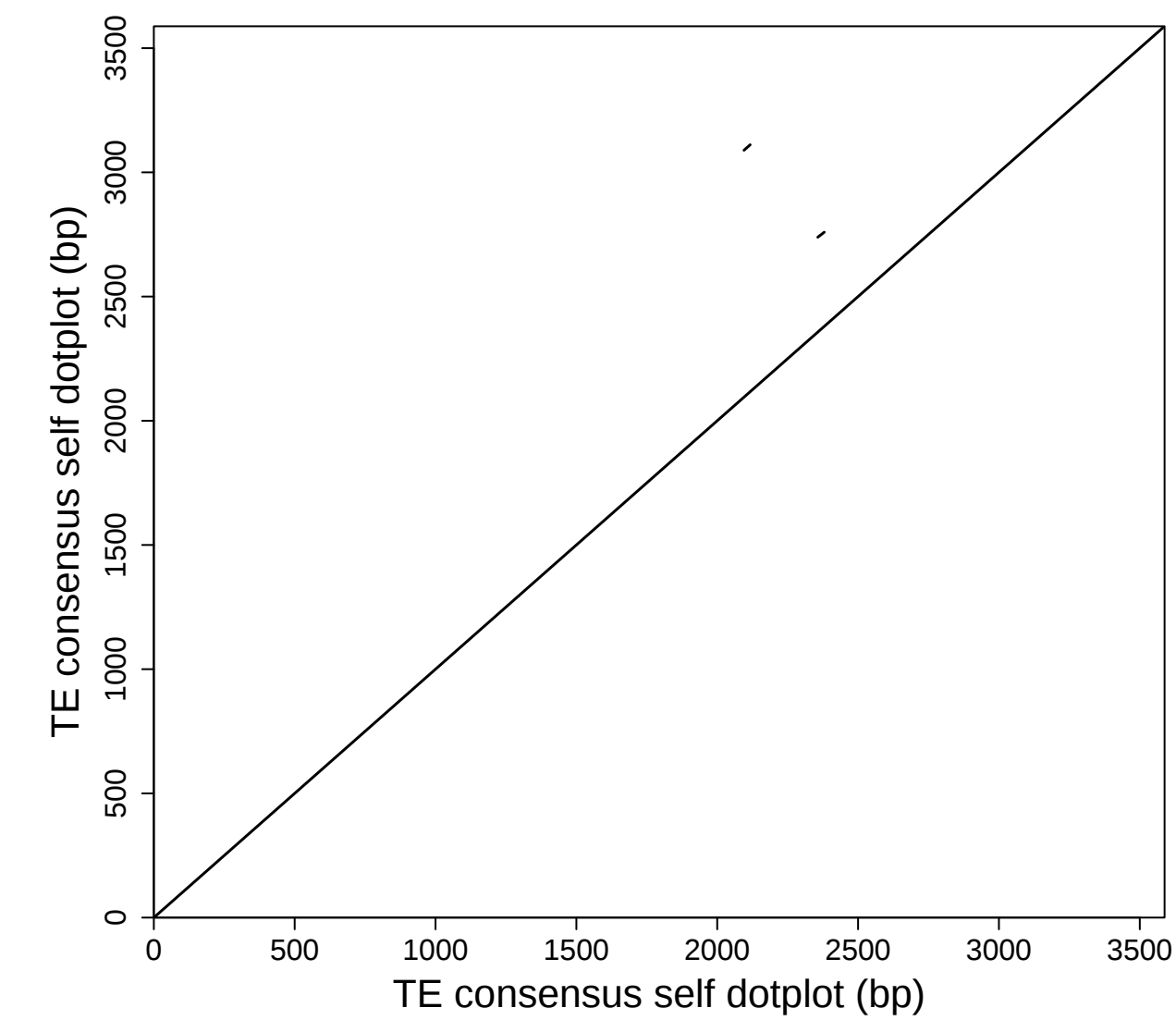
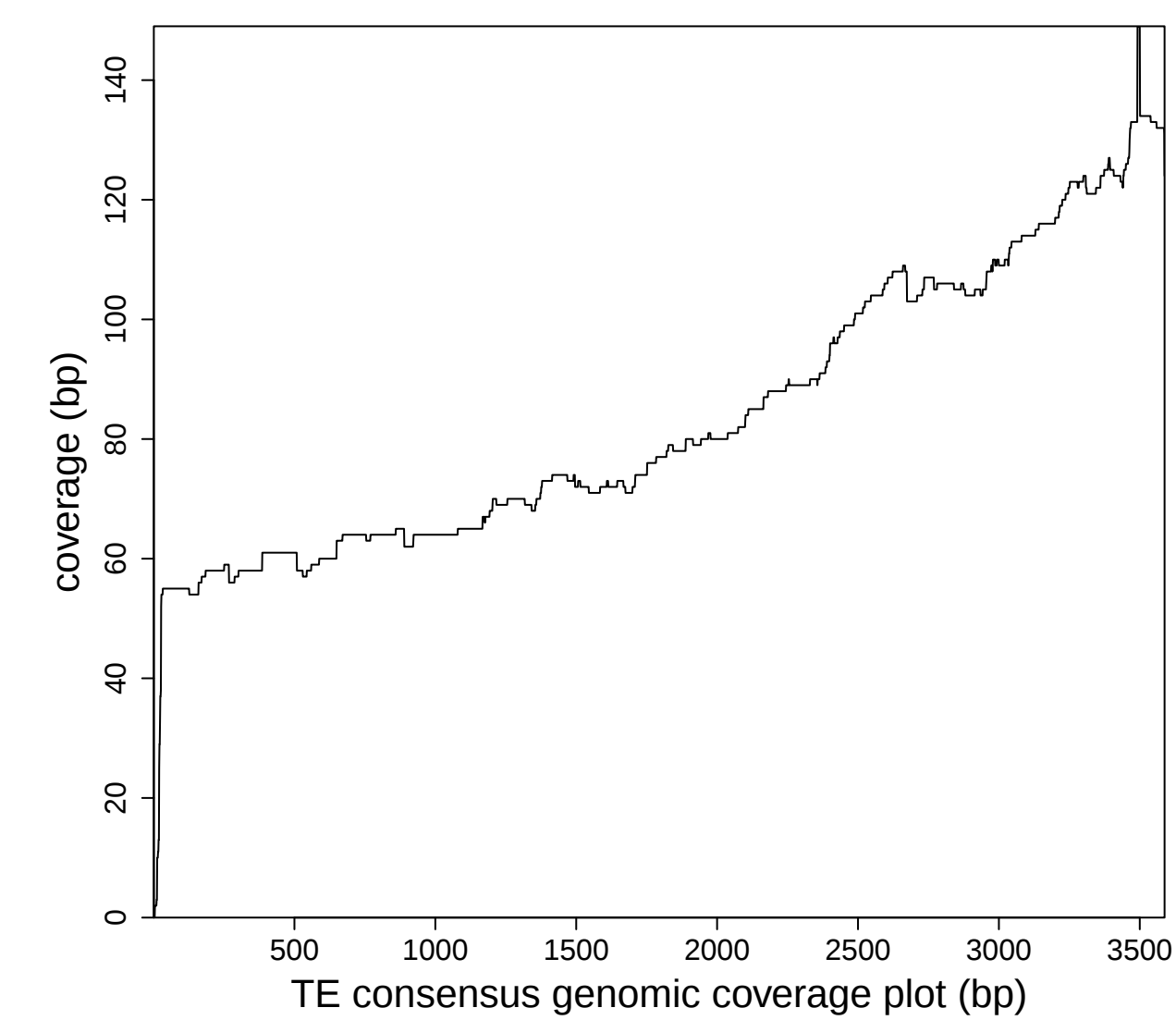
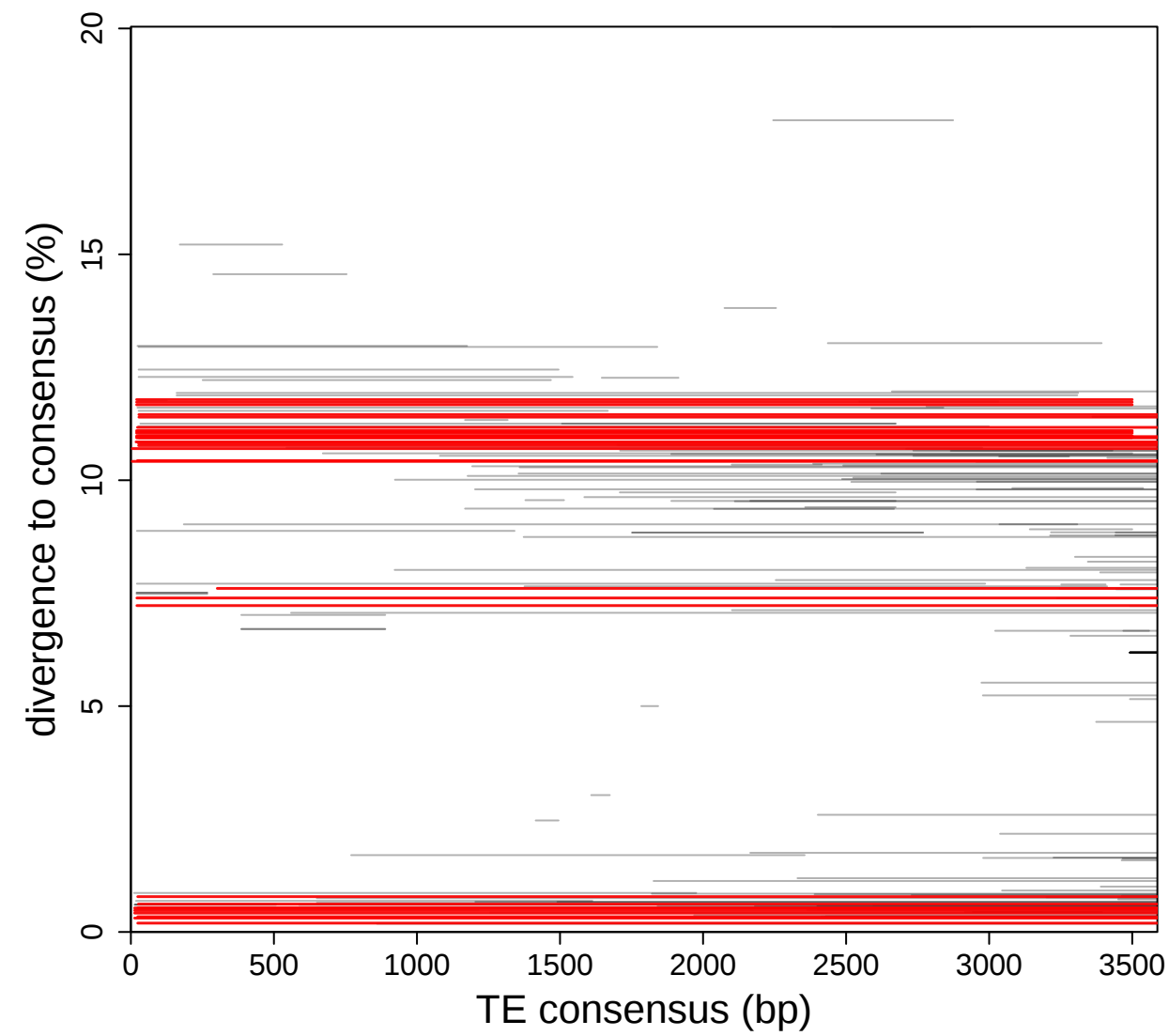
3000

3500



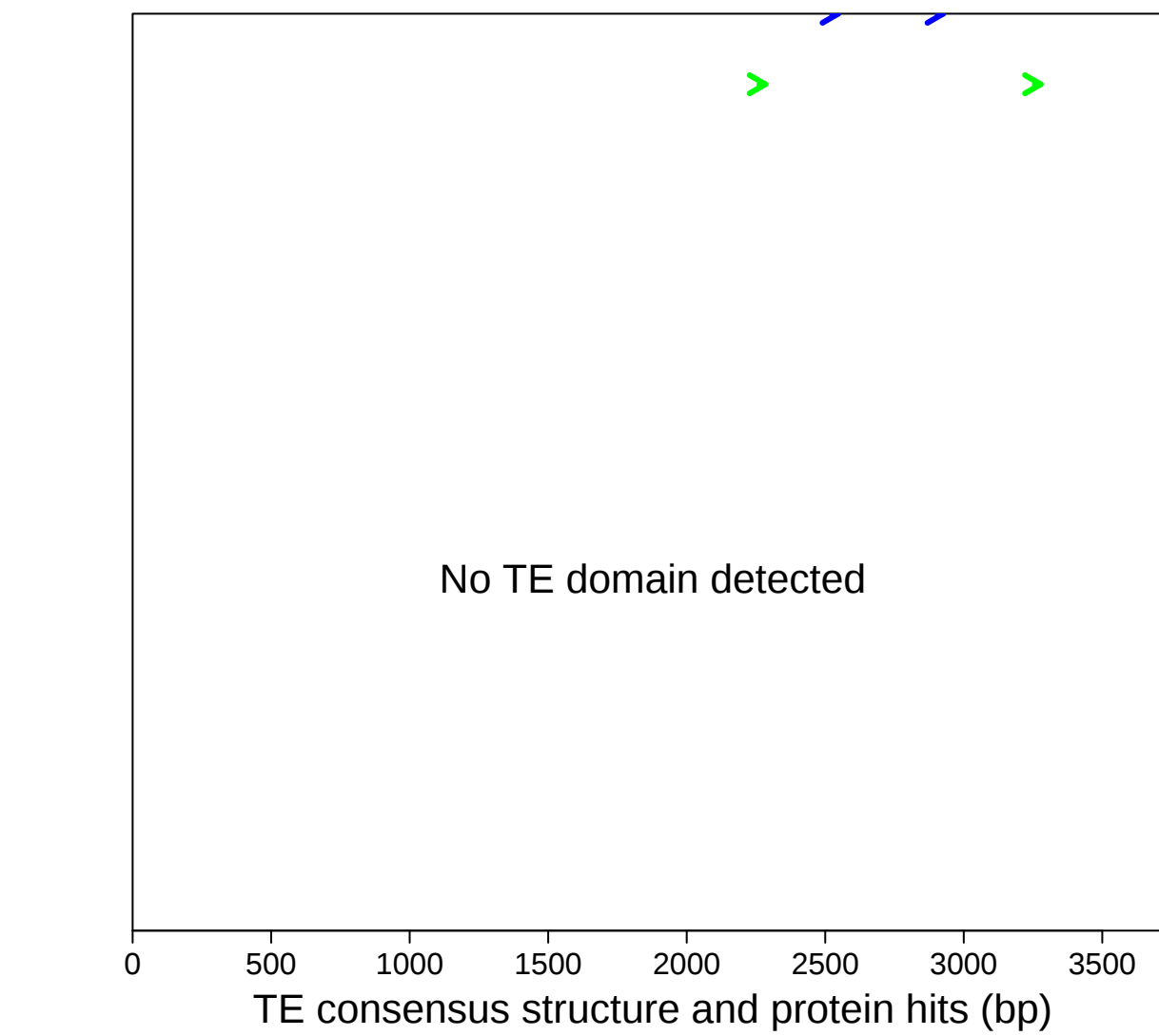
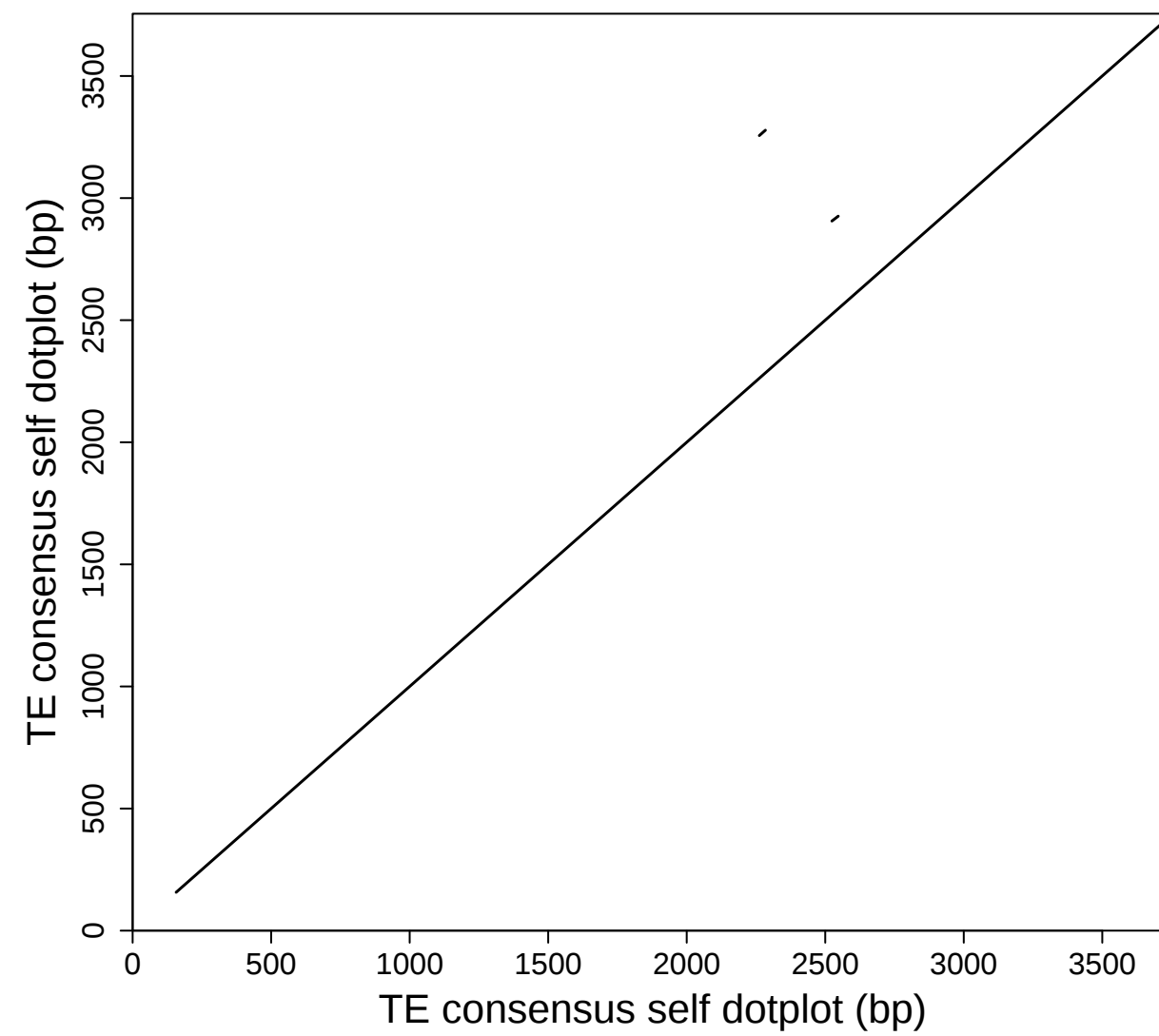
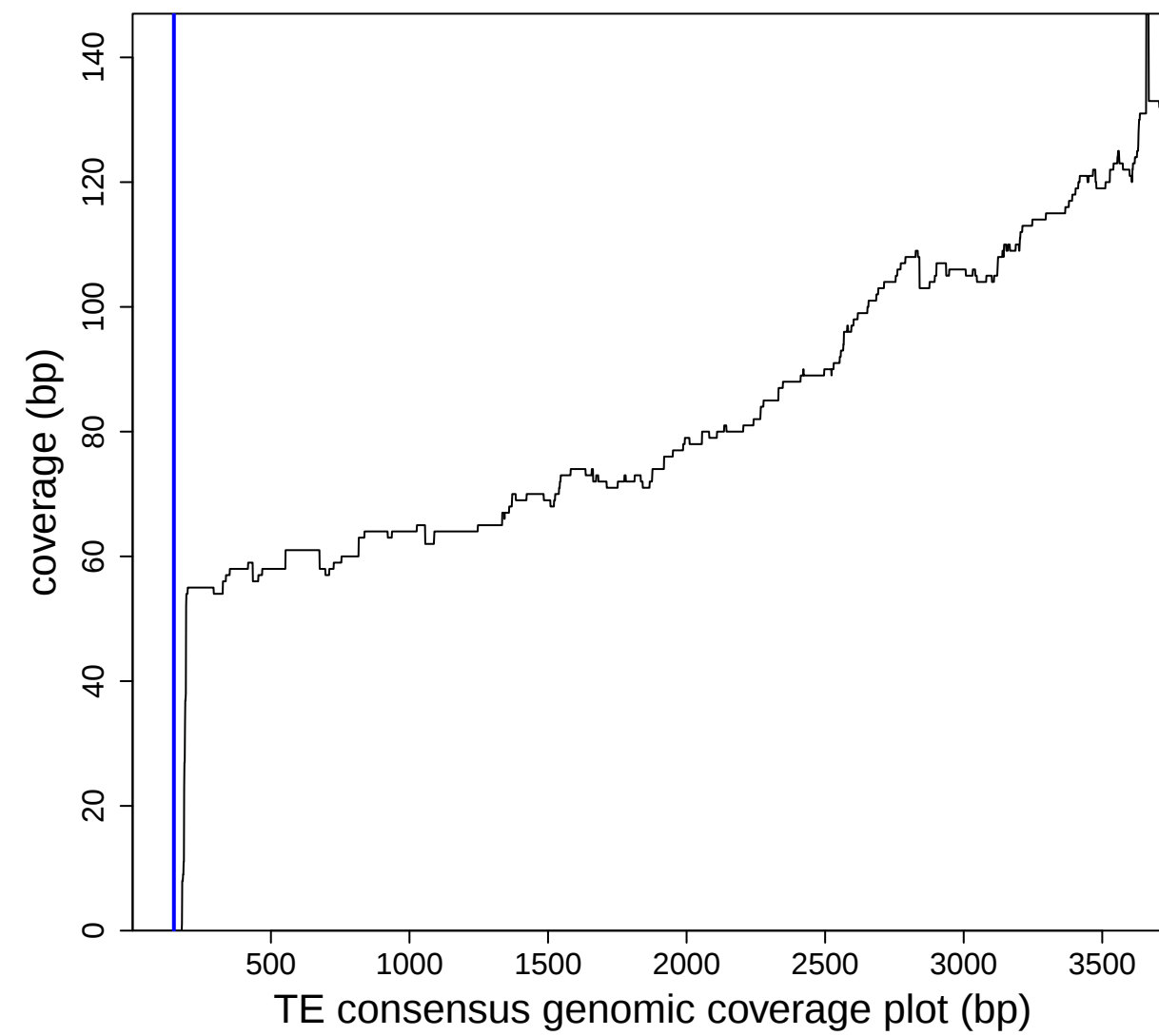
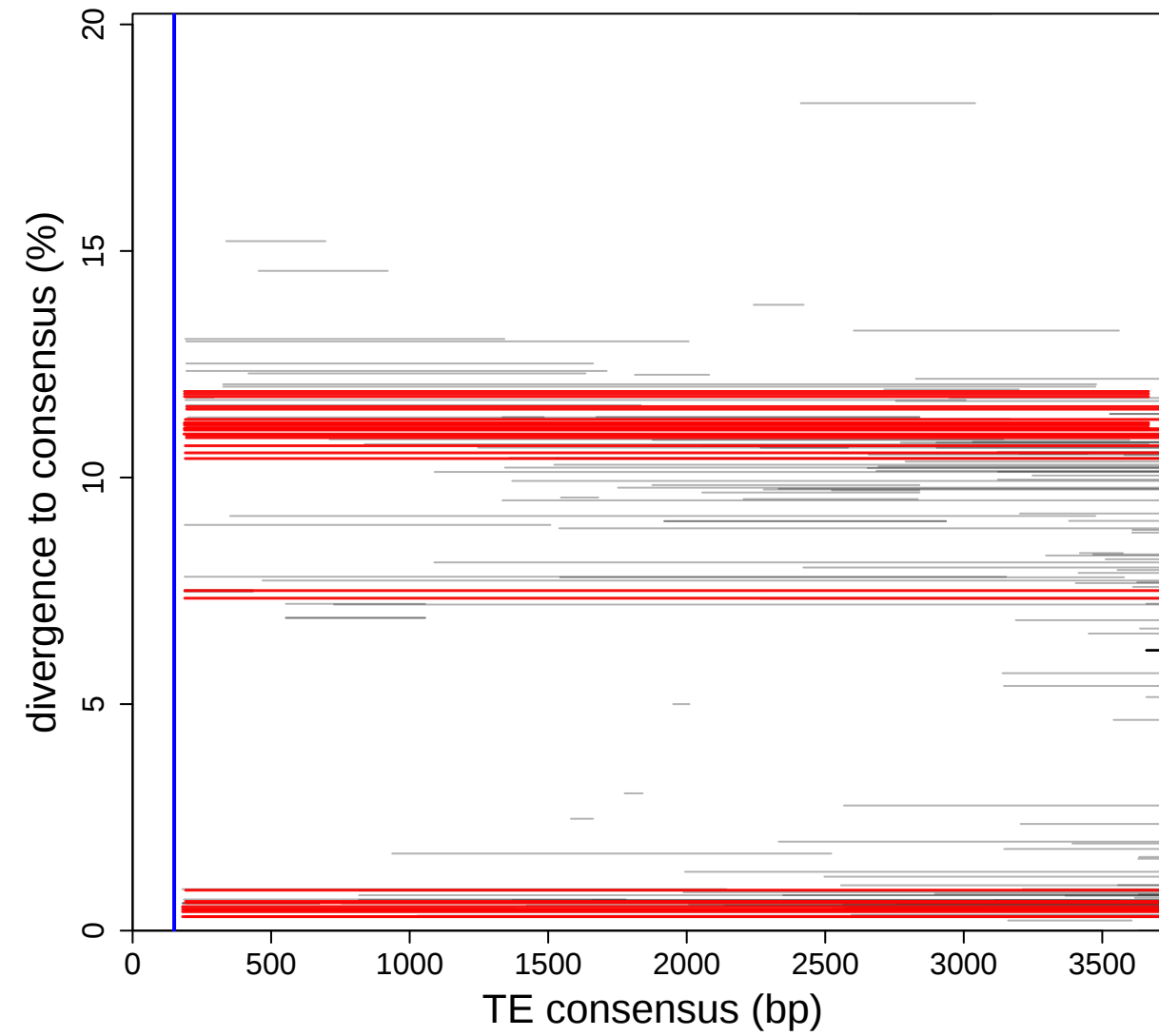
bed_uf.bed_g_1.bed_fm_1.bed_0_0_bcln.fa_aln.fa_cl.fa_gs.fa_c
size: 3588bp; fragments: 206; full length: 36 (≥ 3229.2 bp)

After TEtrimmer 3588 bp

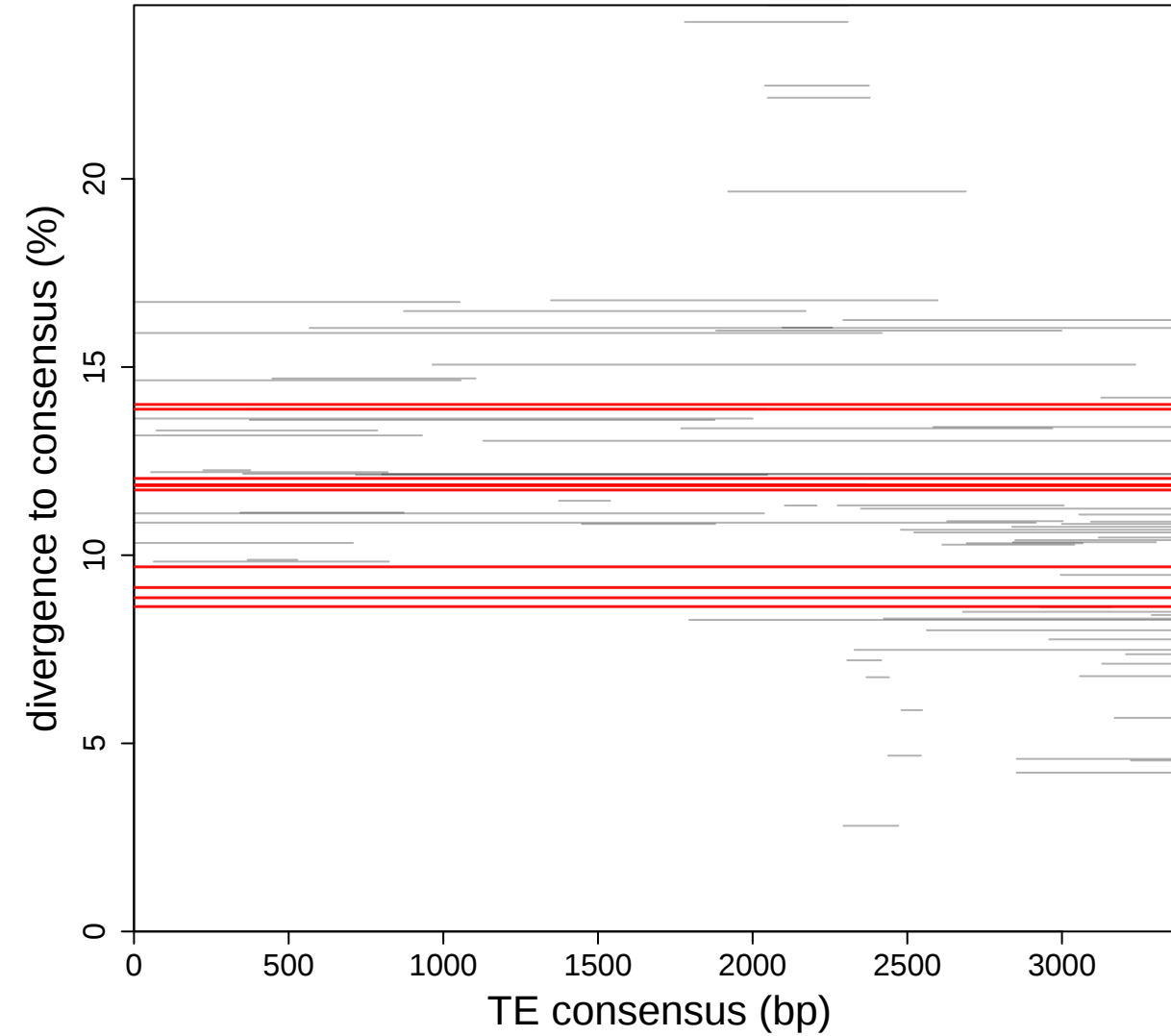


7.fasta.b.bed_uf.bed_g_1.bed_fm_1.bed_0_0_bcIn.fa_aln.fa_cl.f
size: 3755bp; fragments: 204; full length: 35 (>=3379.5bp)

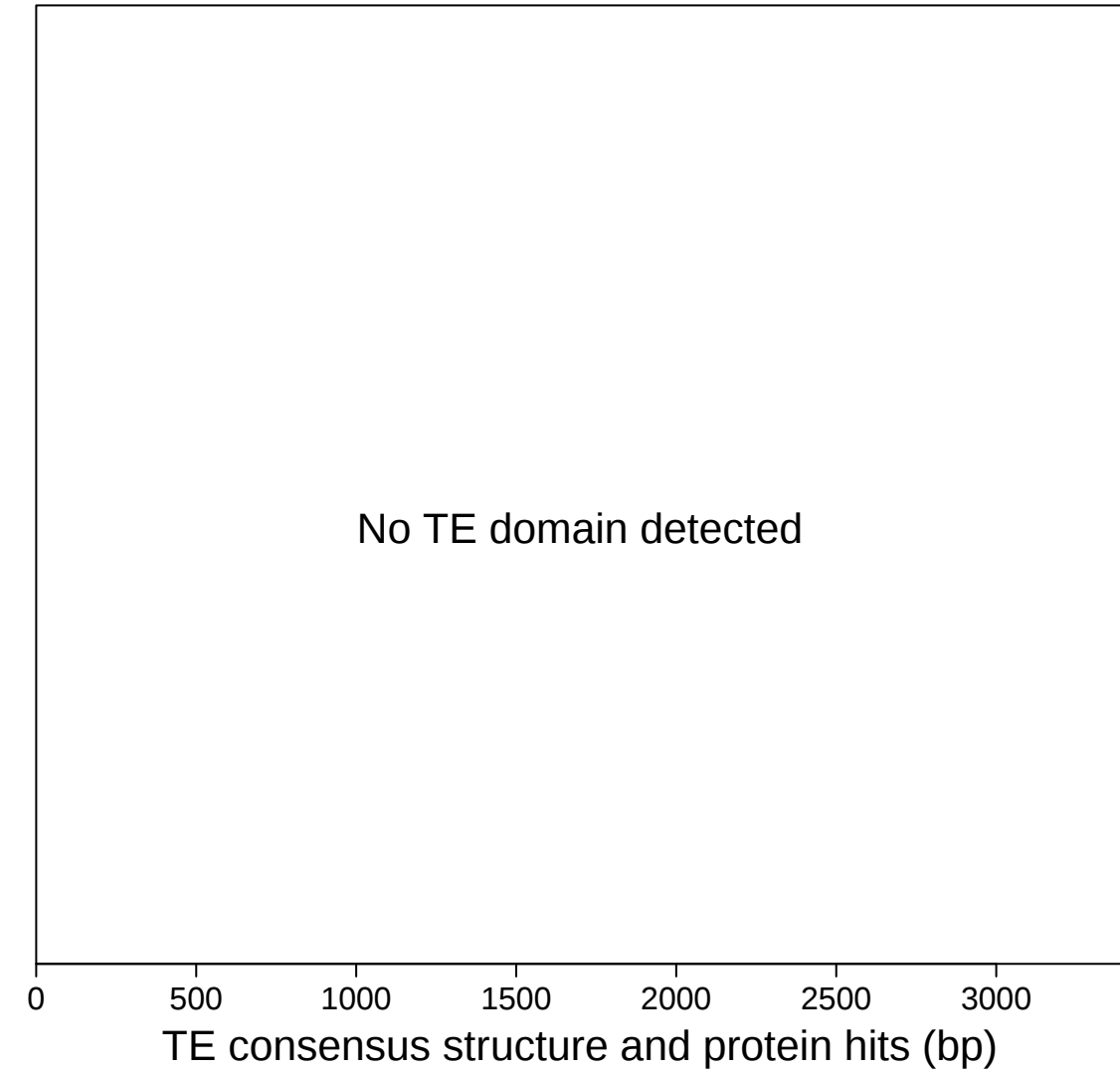
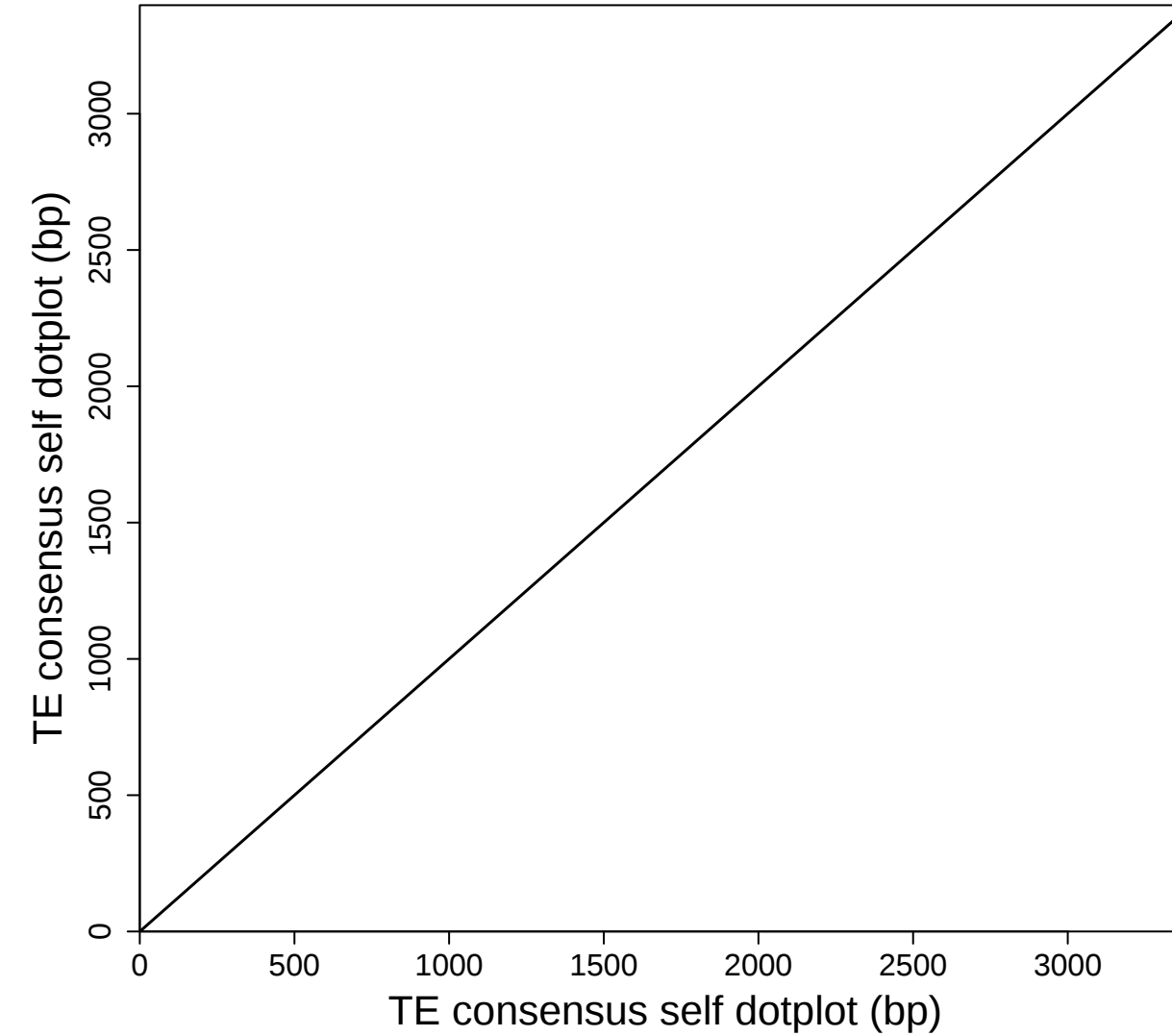
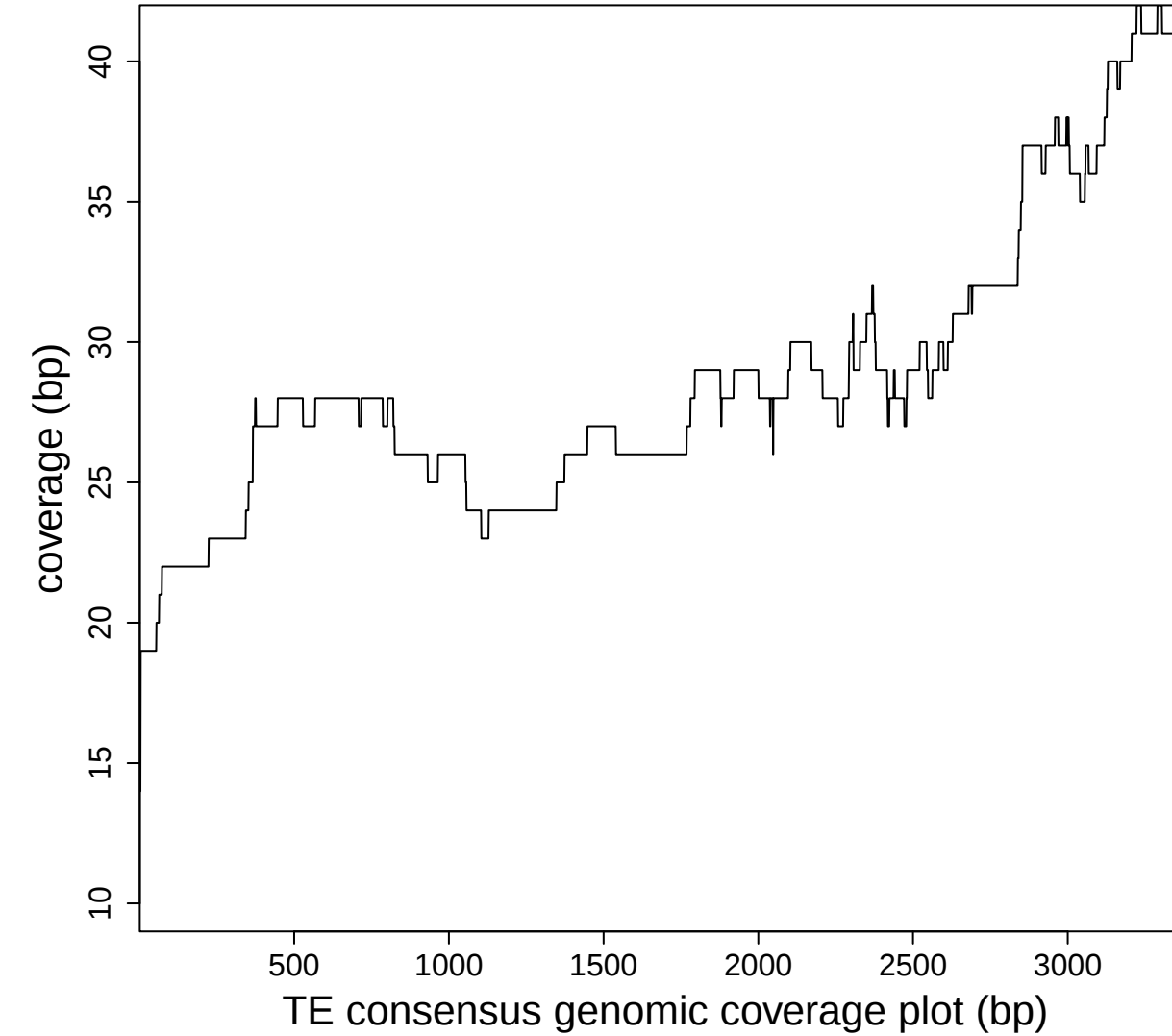
After TEtrimmer Extended plot Blue lines are boundaries



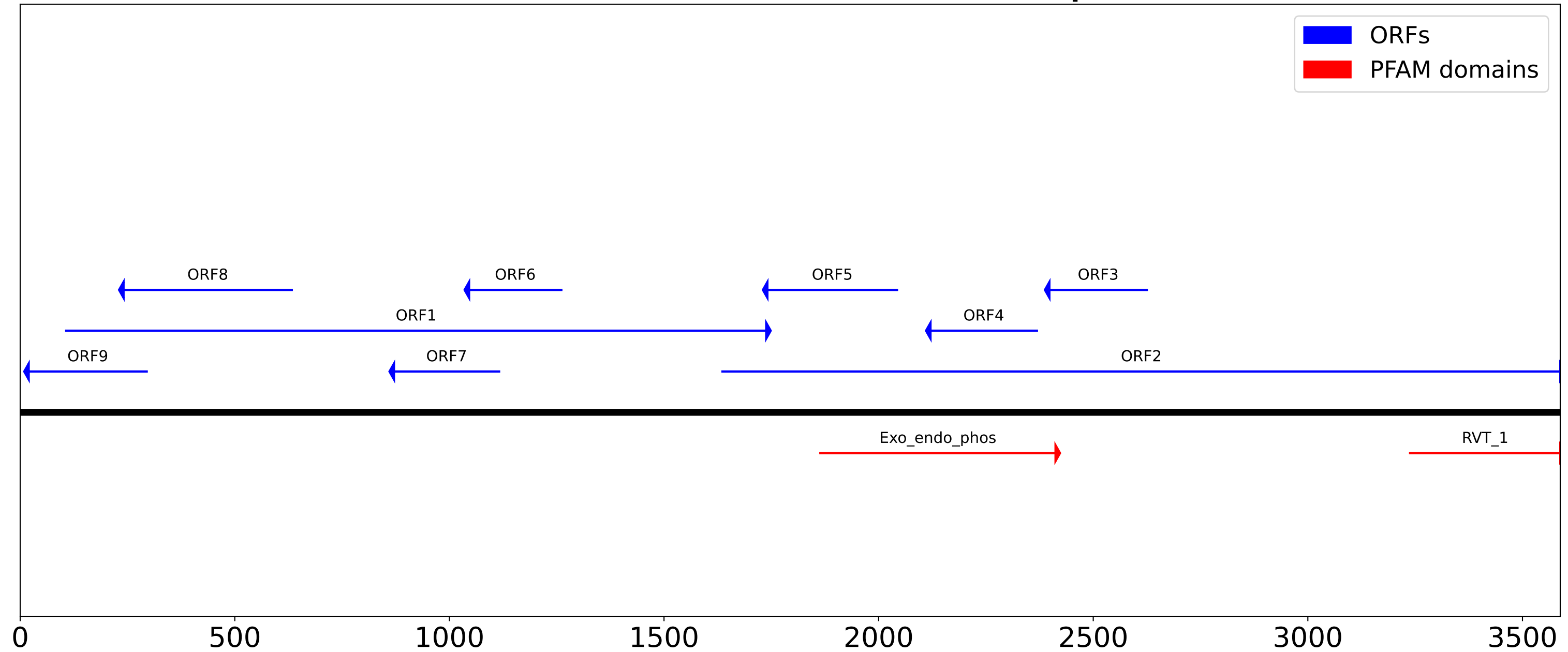
TE: rnd_5_family_3757
size: 3398bp; fragments: 85; full length: 10 (≥ 3058.2 bp)



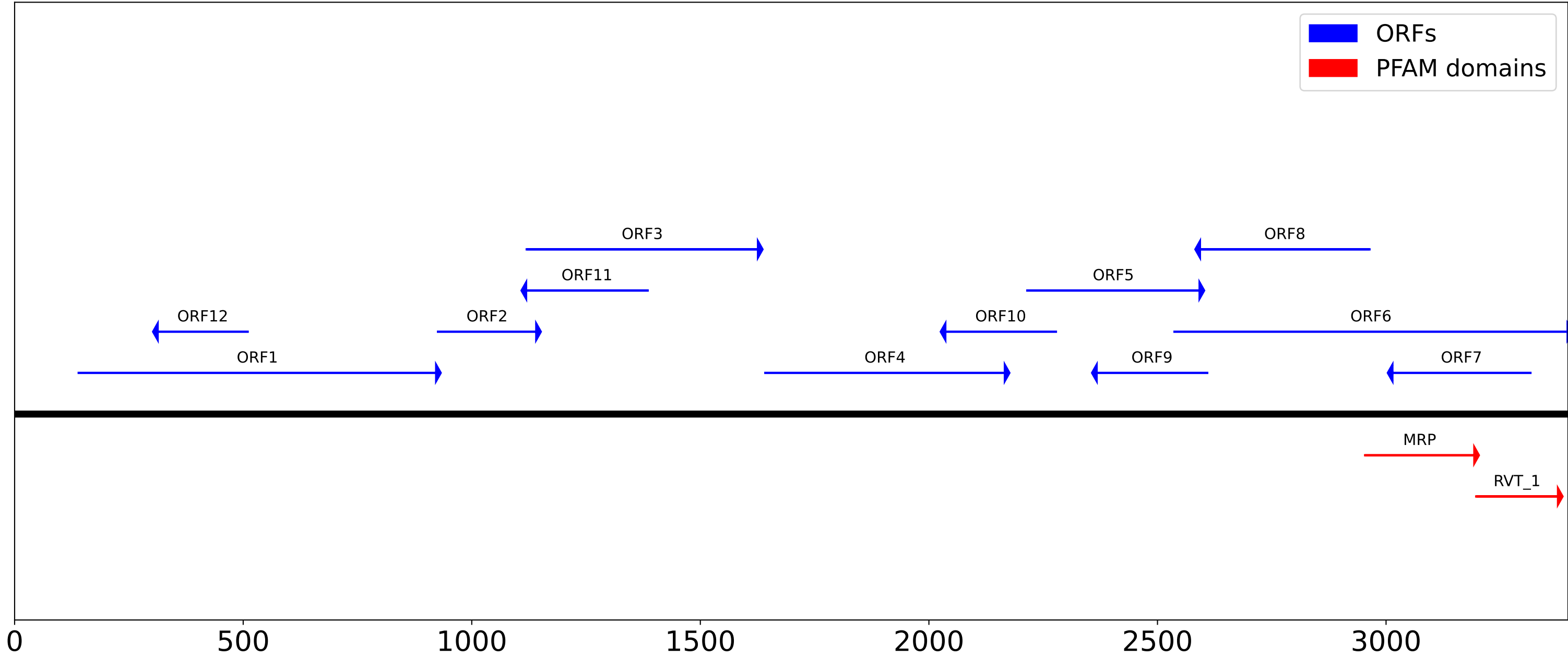
Before TEtrimmer 3398 bp



After TEtrimmer ORF and PFAM domain plot



Before TEtrimmer ORF and PFAM domain plot



Dotplot

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

