

Start crop Point



End crop Point



MSA length = 7609

CTGCAGAAGAAAGTCATTGAAGAATCAAGTGGCAGAATCACATGCTATTGTTGAACACAACAAACATTATTTTTTTGACTGTAAGATTAATGGTAAACCT-
CTGCAGAAGAAAGTCATTGAAGAATCAAGTGGCAGAATCACATGCTATTGTTGAACACAACAAACATTATTTTTTTGACTGTAAGATTAATGGTAAACCT-CAAAGAAATATTT-TTTTGTTTTAAGGGCAACAATTTTTTCATAAAATATCG
ATACAGTATACCGTCCTTG-TGTCACATGTTCCCTG-
CTGCAGAAGAAAGTCATTGAAGAATCAAGTGGCAGAATCACATGCTATTGTTGAACACAACAAACATTATTTTTTTGACTGTAAGATTAATGGTAAACCT-
CTGCAGAAGAAAGTCATTGAAGAATCAAGTGGCAGAATCACATGCTACTGTTGAACACAACAAACATTATTTTTTTGACTGTAAGATTAATGGTAAACCT-
CAGCAAGACTTTTTCCTAAAAATATACCGTGAAAATATTGTATTCCACAA-
CTGCAGAAGAAAGTCATTGAAGAATCAAGTGGCAGAATCACATGCTACTGTTGAACACAACAAACATTATTTTTTTGACTGTAAGATTAATGGTAAACCT-GTGAATTCTAAATCAGATGGATTTTCCATTGACGAAGTACTTAAACACAG--GGTTTATTTTTTA-
CTGCAGAAGAAAGTCATTGAAGAATCAAGTGGCAGAATCACATGCTACTGTTGAACACAACAAACATTATTTTTTTGACTGTAAGATTAATGGTAAACCT--GTTTCG-
CTGCAGAAGAAAGTCATTGAAGAATCAAGTGGCAGAATCACATGCTACTGTTGAACACAACAAACATTATTTTTTTGACTGTAAGATTAATGGTAAACCT--GTTTCG-
-ATAATCATGCAAAATAAAATATATTTTTATTA-ACGGAGTAAAATTGGTATGGATTTTTCGAGCGACCAAGTGATAAAACATAGCGGGGAACGACGAATTTAGGTTTTCGACAGATAGTGTTATTGAGCGTATCT
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CTGCAGAAGAAAGTCATTGAAGAATCAAGTGGCAGAATCACATGCTACTGTTGAACACAACAAACATTATTTTTTTGACTGTAAGATTAATGGTAAACCT-
-ACGGAGTAAAATTGGTATGGATTTTTCGAGCGACCAAGTGATAAAACATAGCGGGGAACGACGAATTTAGGTTTTCGACAGATAGTGTTATTGAGCGTATCT
-ACGGAGTAAAATTGGTATGGATTTTTCGAGCGACCAAGTGATAAAACATAGCGGGGAACGACGAATTTAGGTTTTCGACAGATAGTGTTATTGAGCGTATCT
-ATGTTGTTA-

Start crop Point

End crop Point

0

10

0

1000

2000

3000

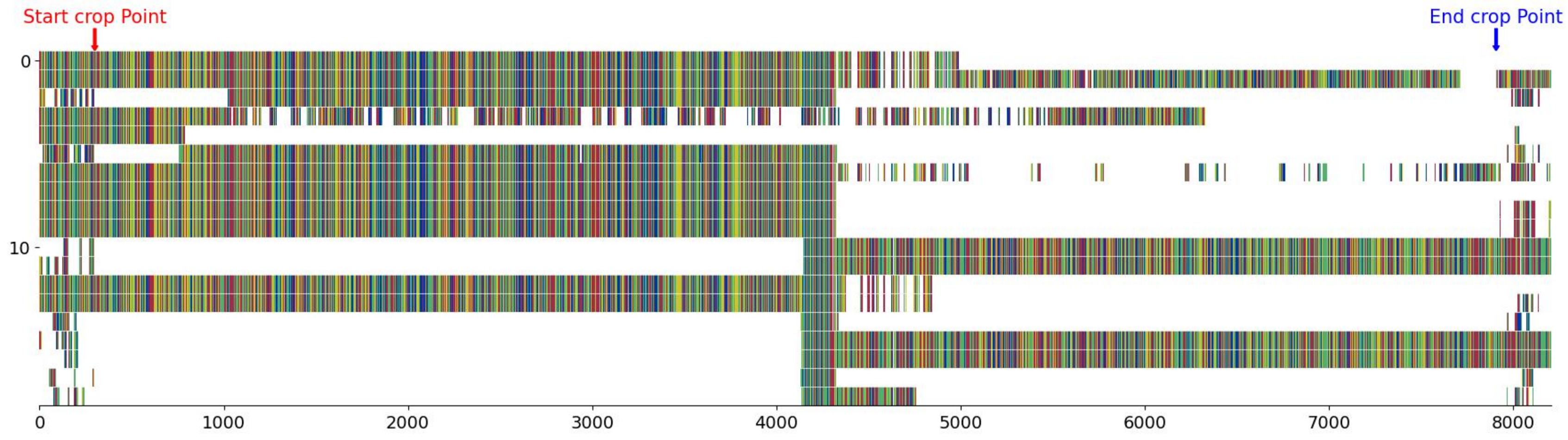
4000

5000

6000

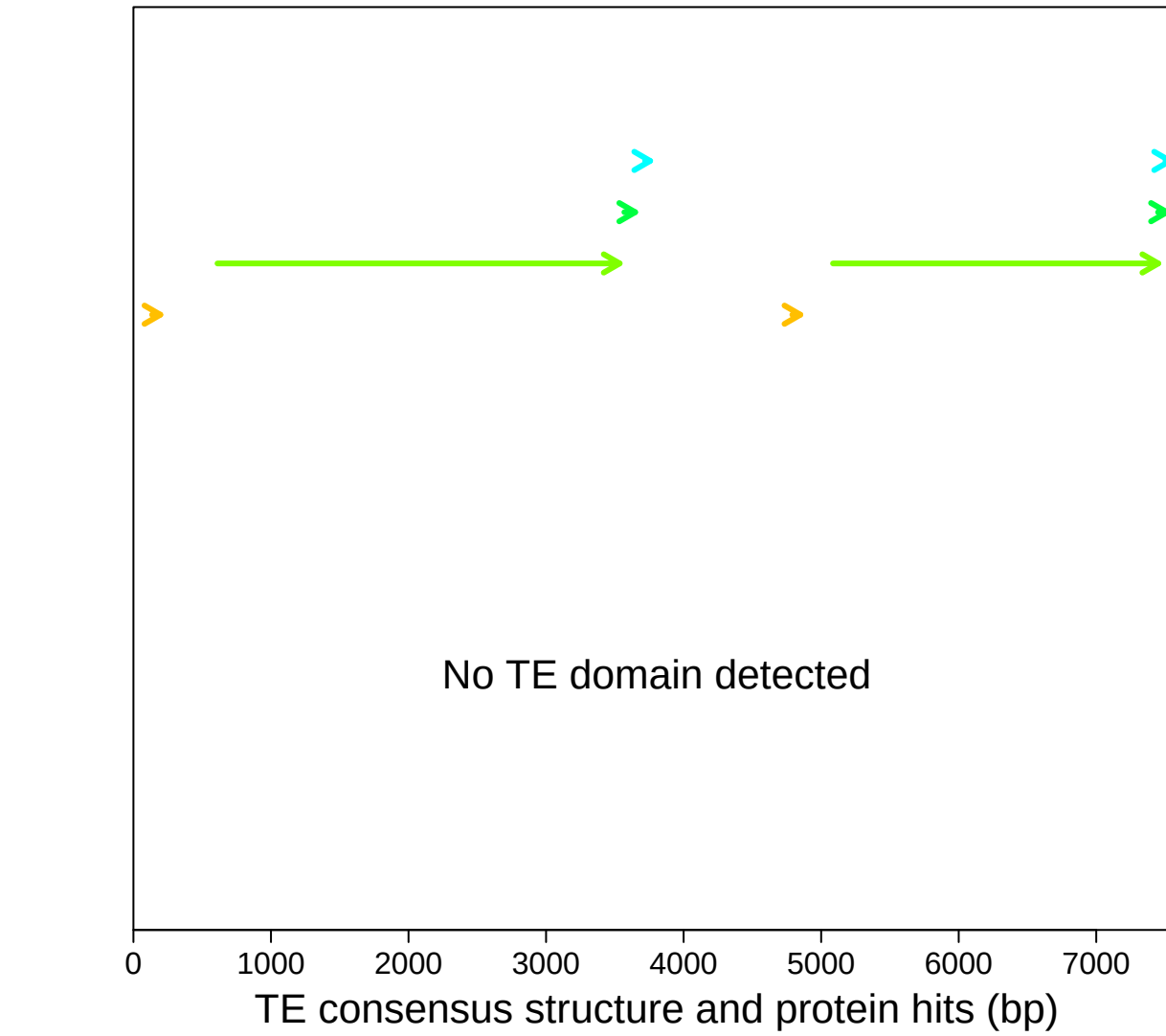
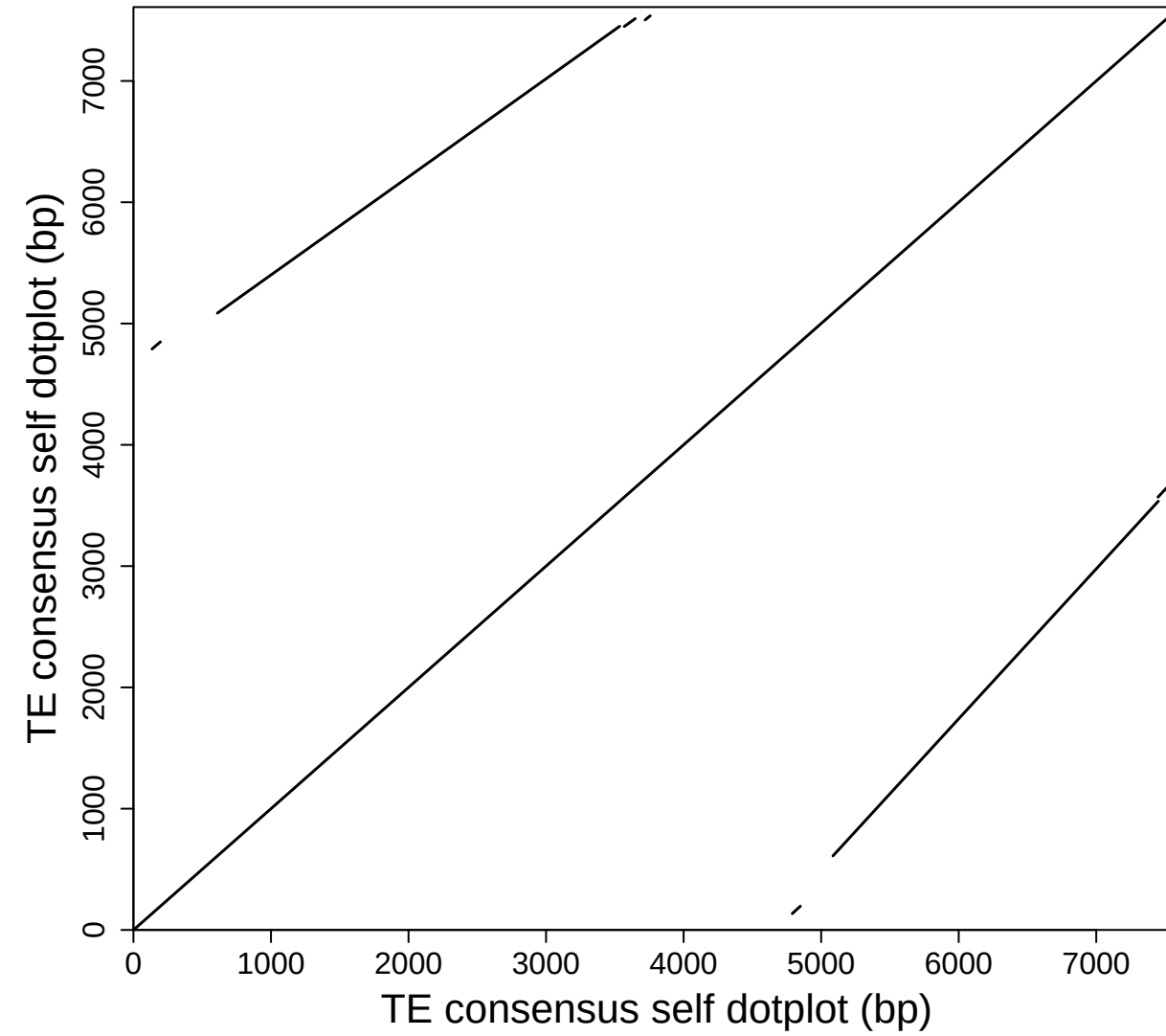
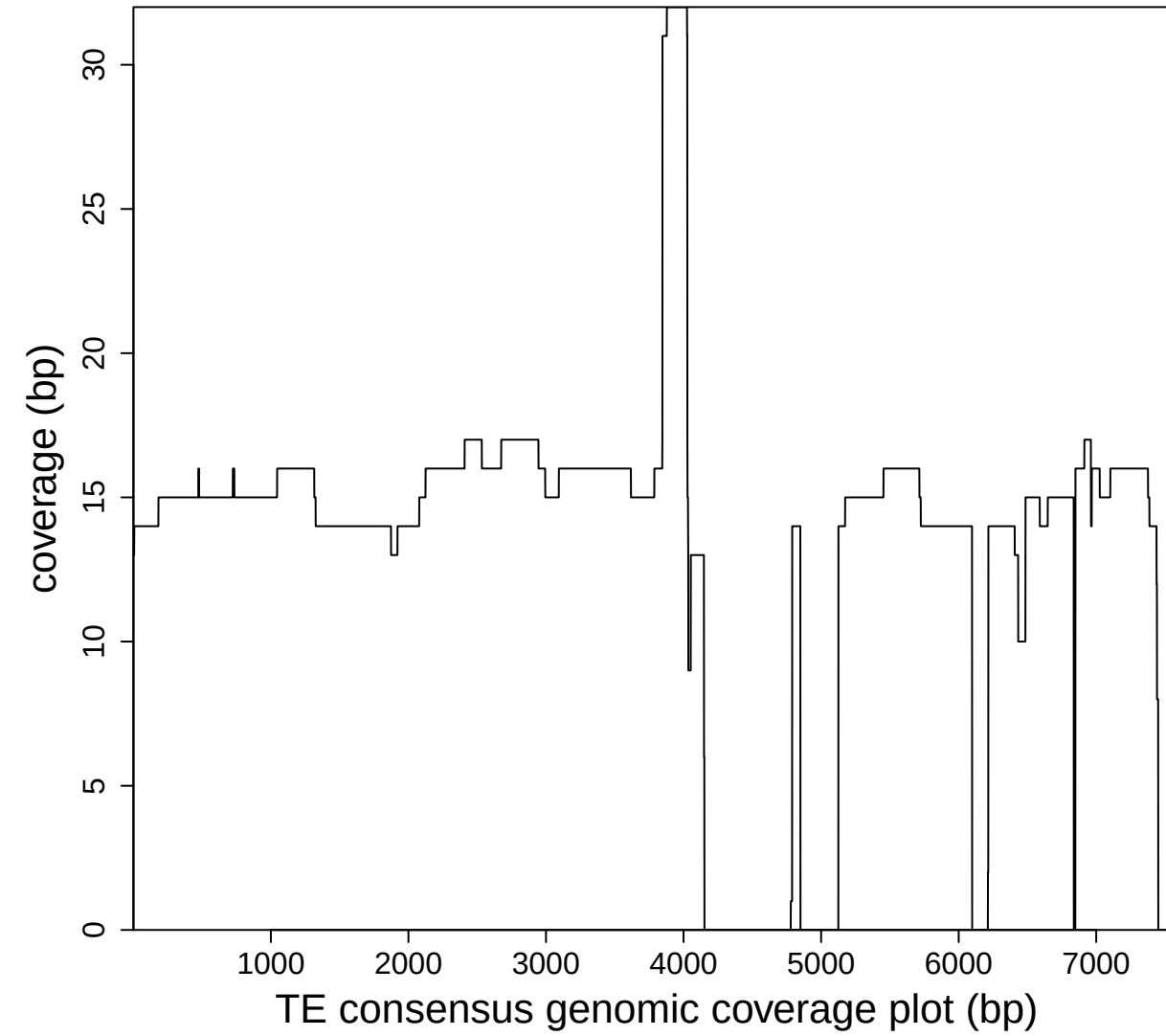
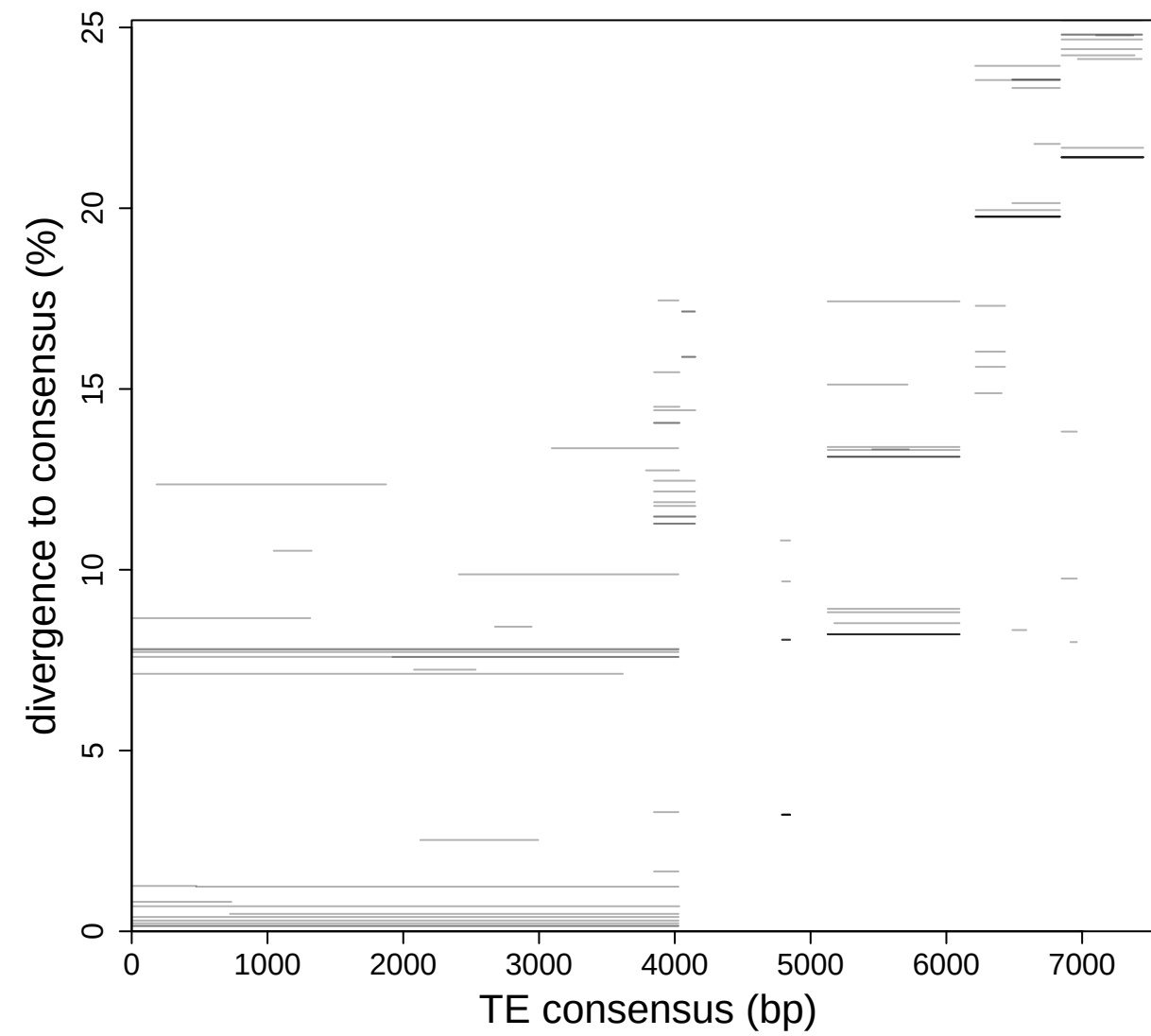
7000

8000



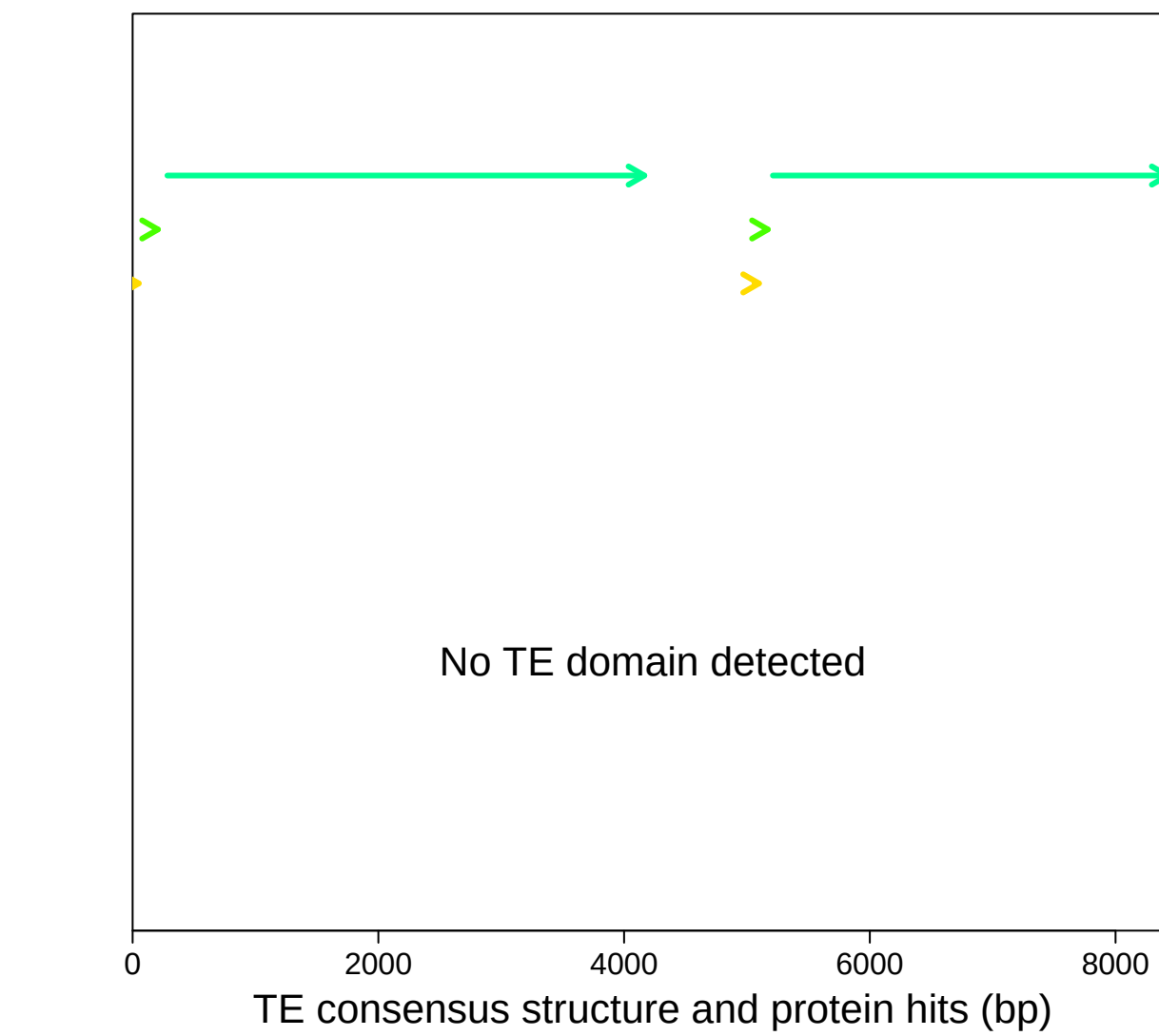
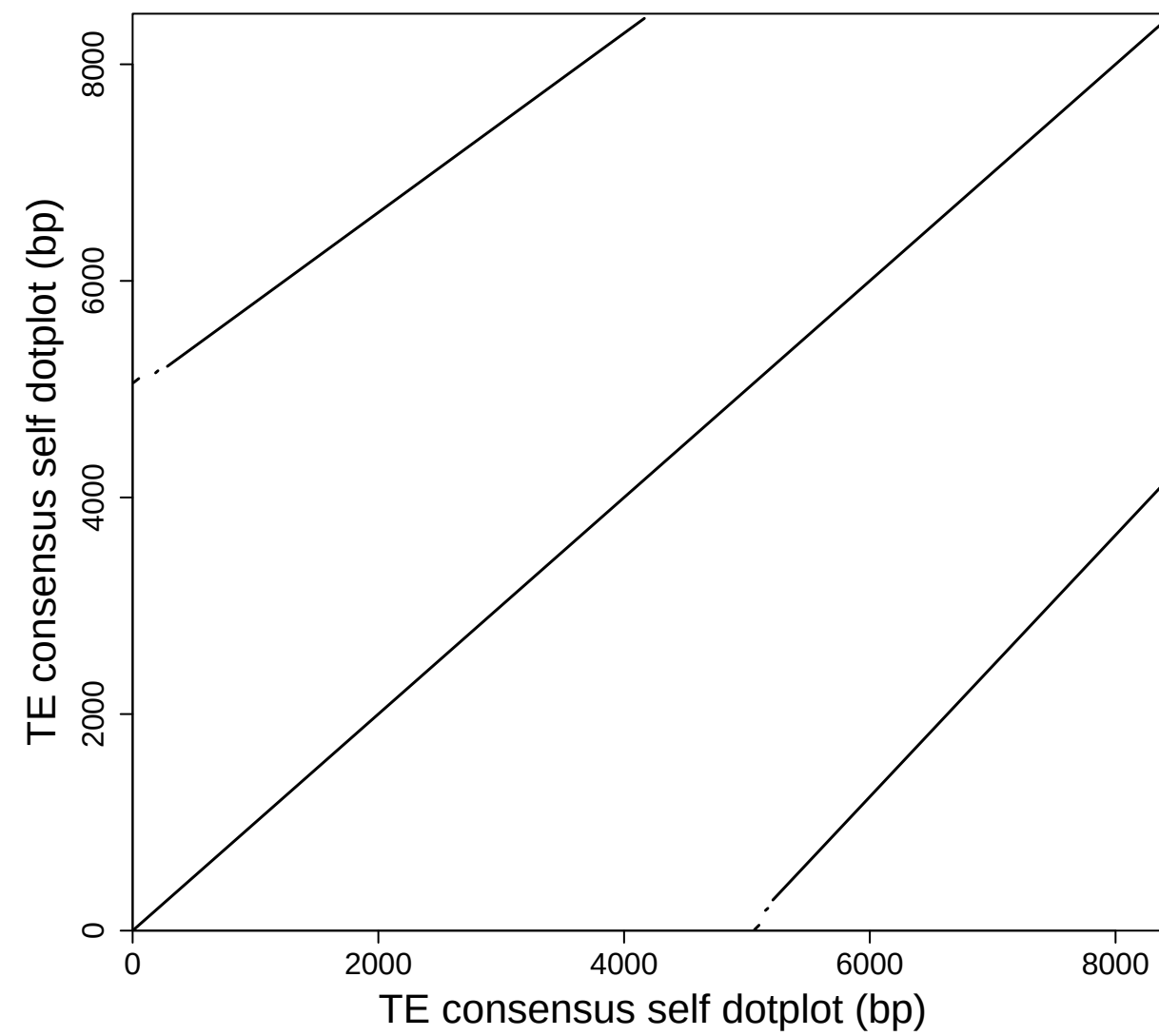
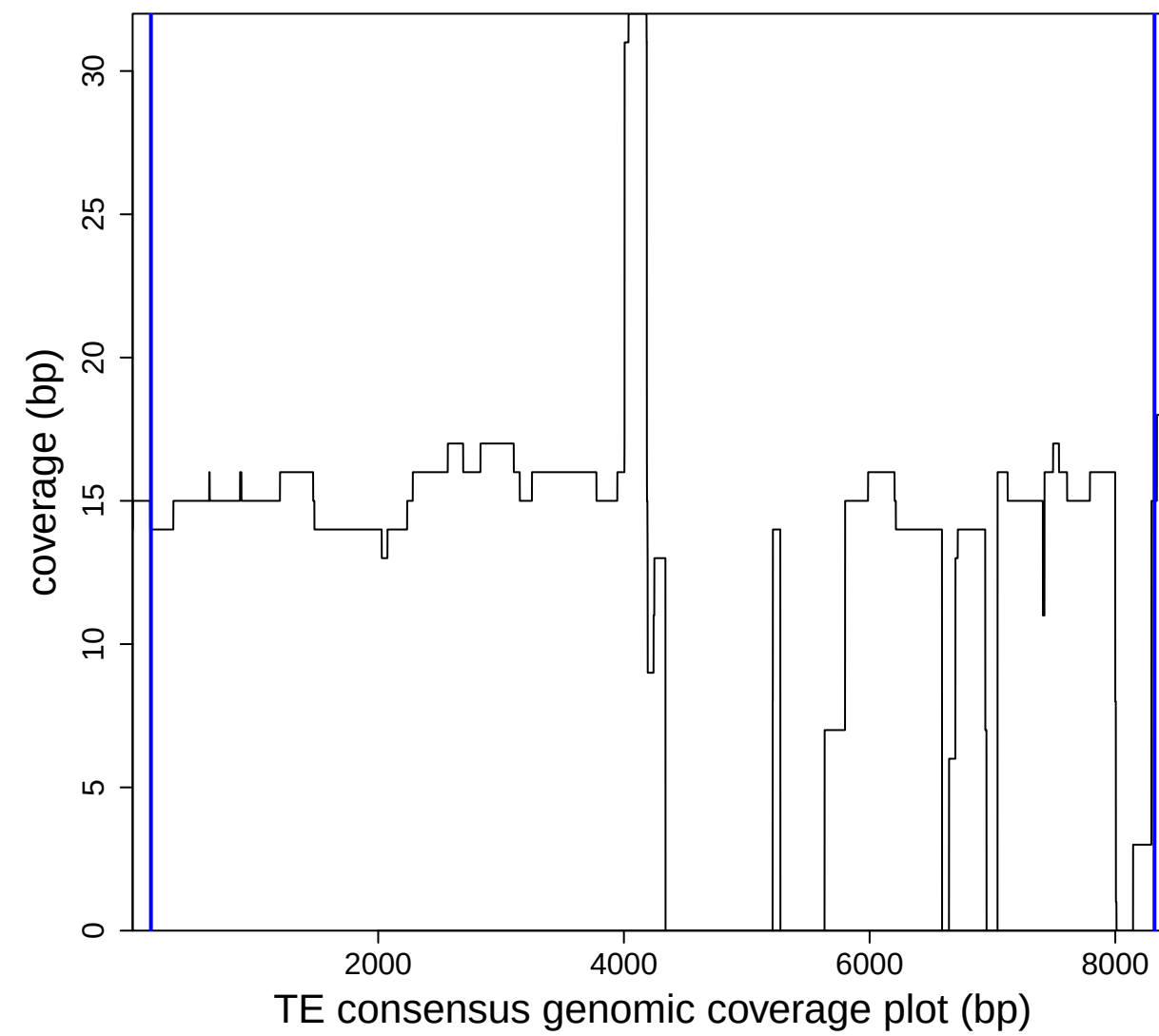
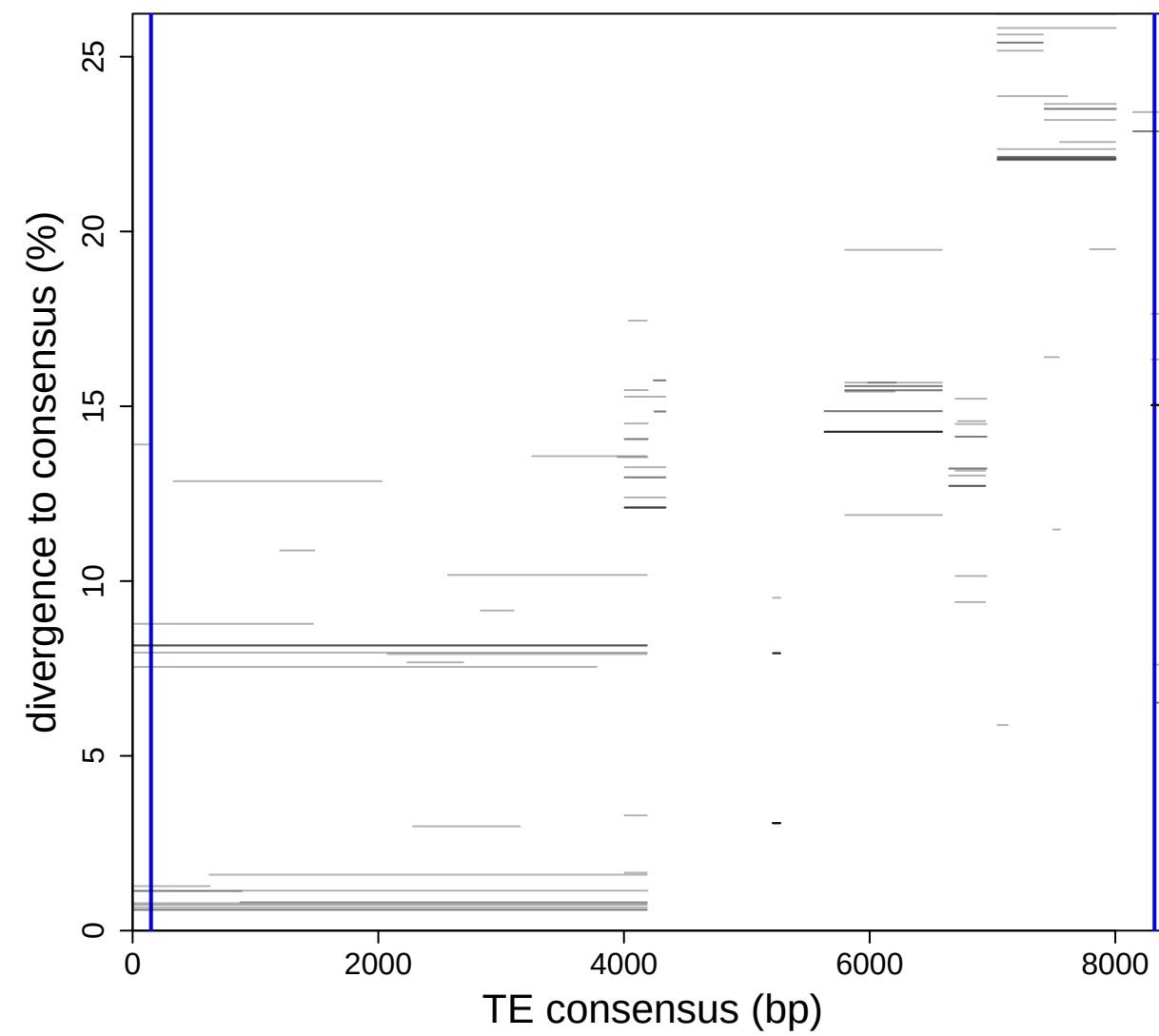
ed_uf.bed g_1.bed fm_1.bed 0_0 bcln.fa aln.fa cl.fa gs.fa ce.l
size: 7609bp; fragments: 115; full length: 0 (>=6848.1bp)

After TEtrimmer 7609 bp



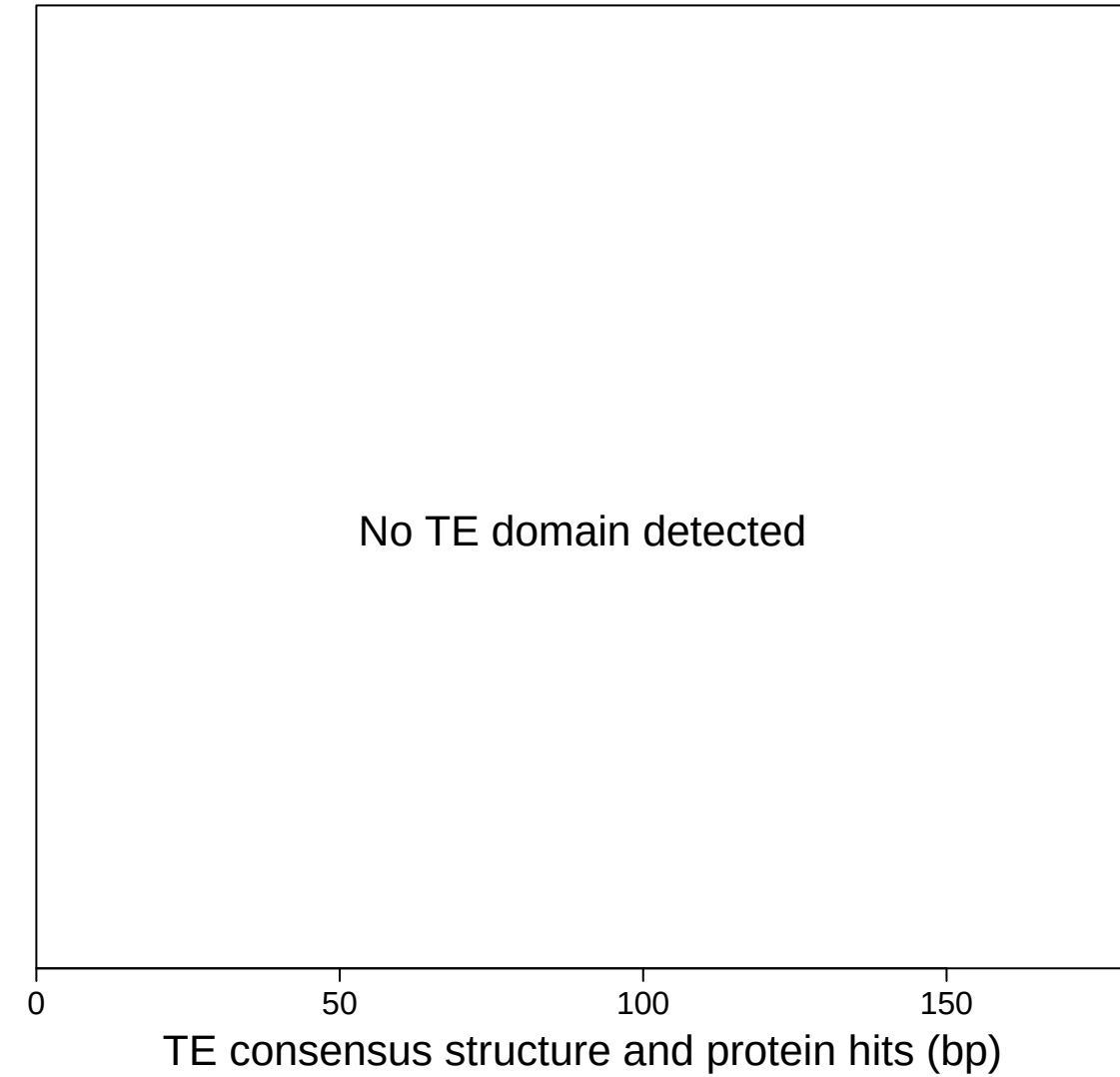
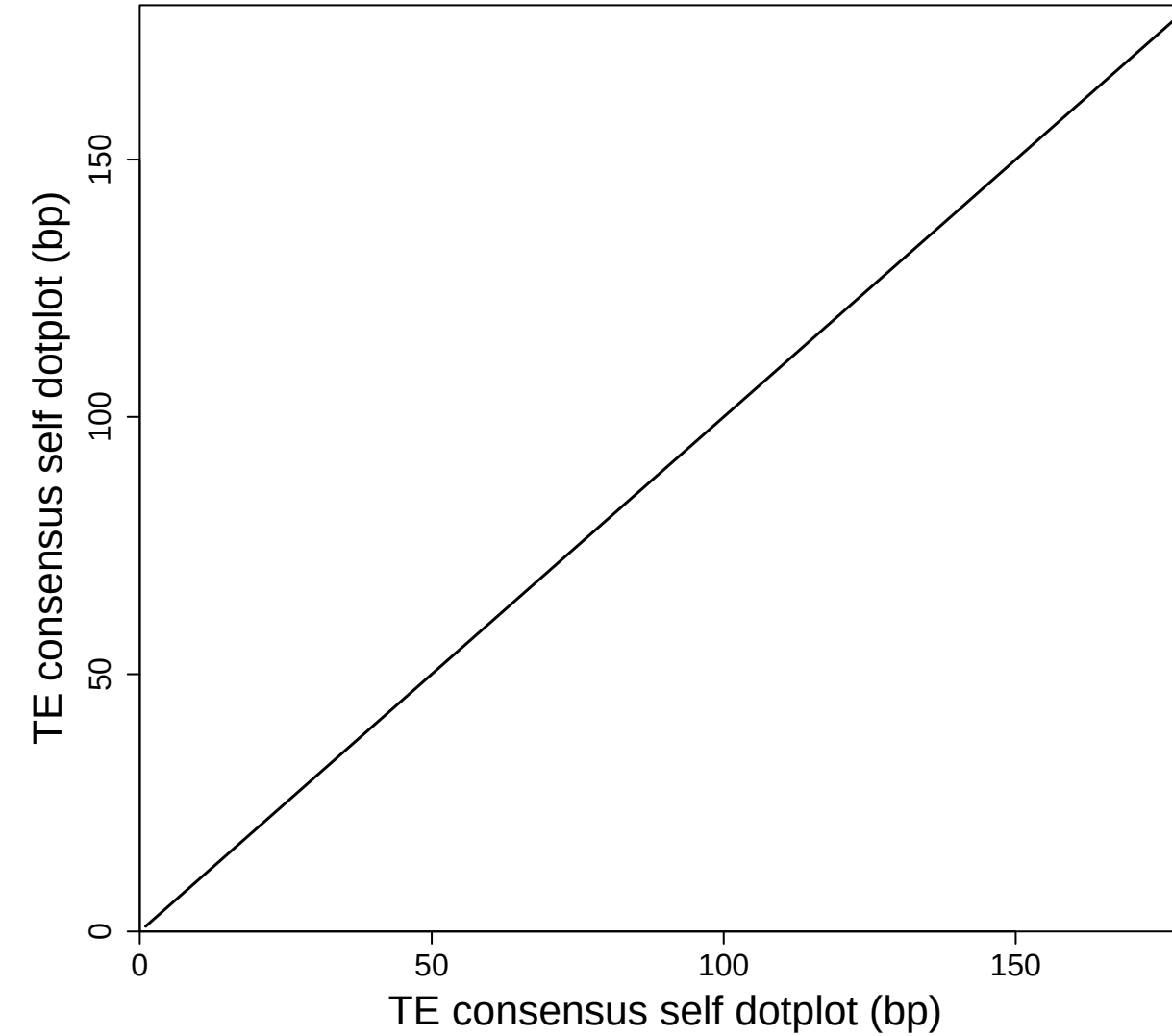
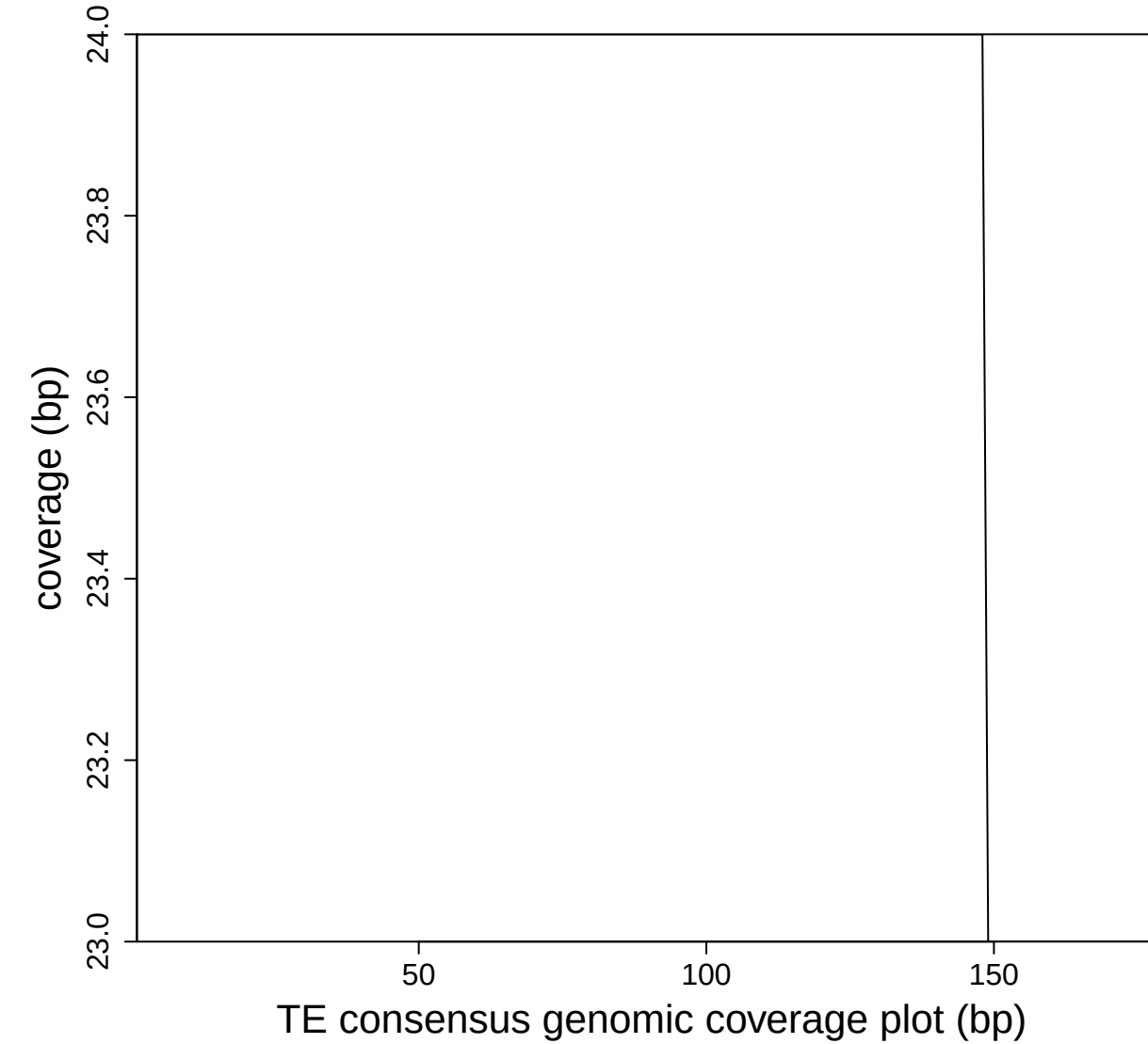
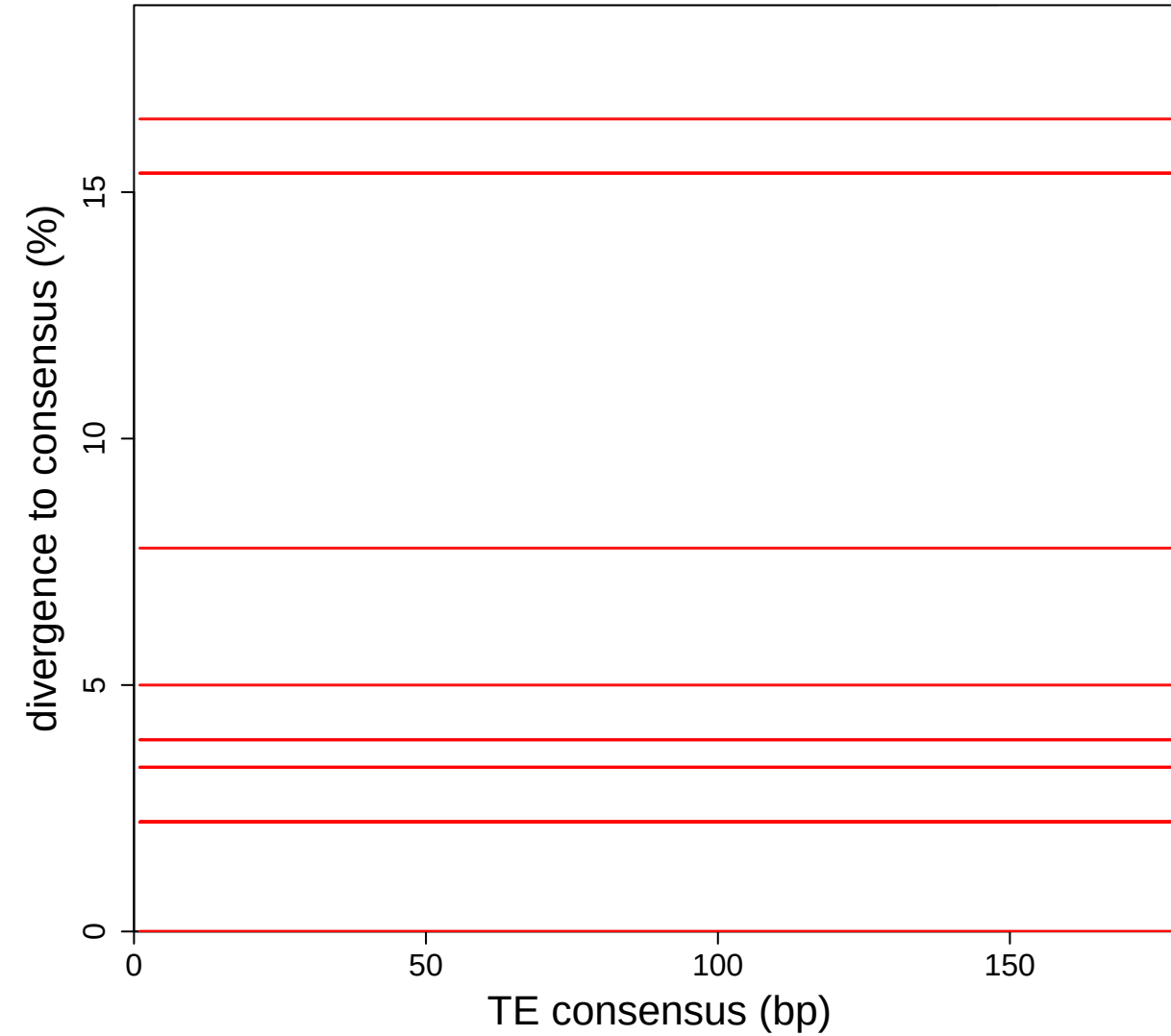
21.fasta.b.bed_uf.bed_g_1.bed_fm_1.bed_0_0_bcln.fa_aln.fa_cl
size: 8469bp; fragments: 132; full length: 0 (>=7622.1bp)

After TEtrimmer Extended plot Blue lines are boundaries

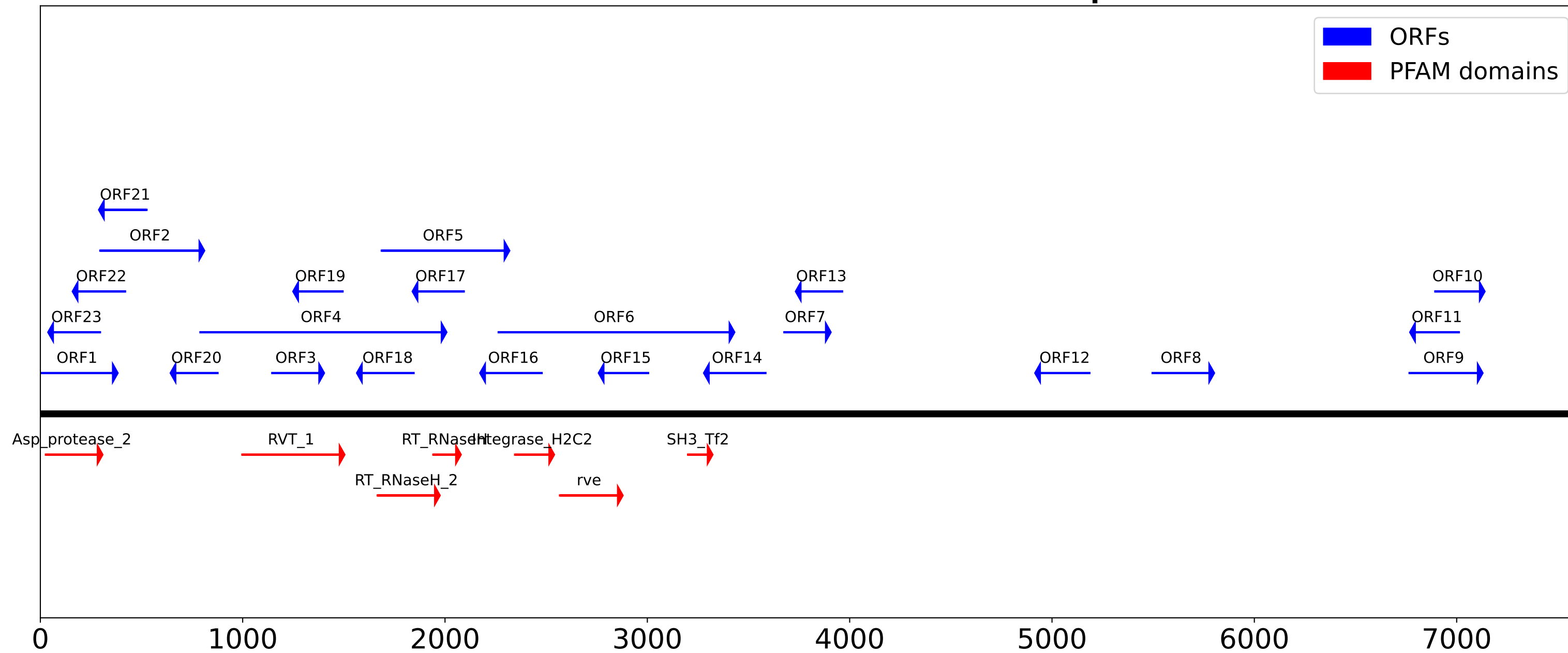


Before TEtrimmer 180 bp

TE: ltr_1_family_21
size: 180bp; fragments: 24; full length: 23 (≥ 162 bp)



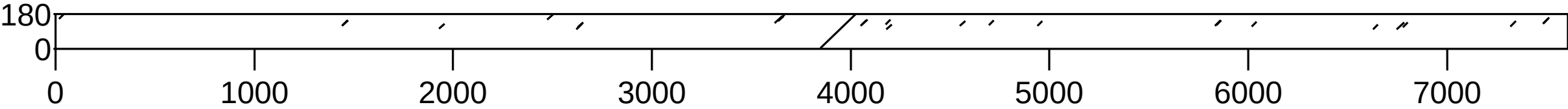
After TETrimmer ORF and PFAM domain plot



Dotplot

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

TE consensus before TEtrimmer (bp)



TE consensus after TEtrimmer (bp)