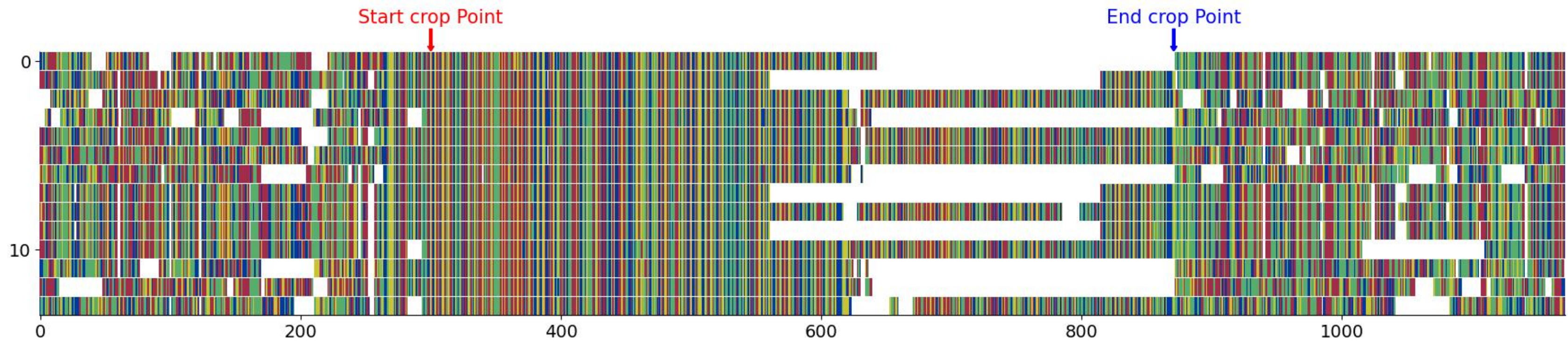


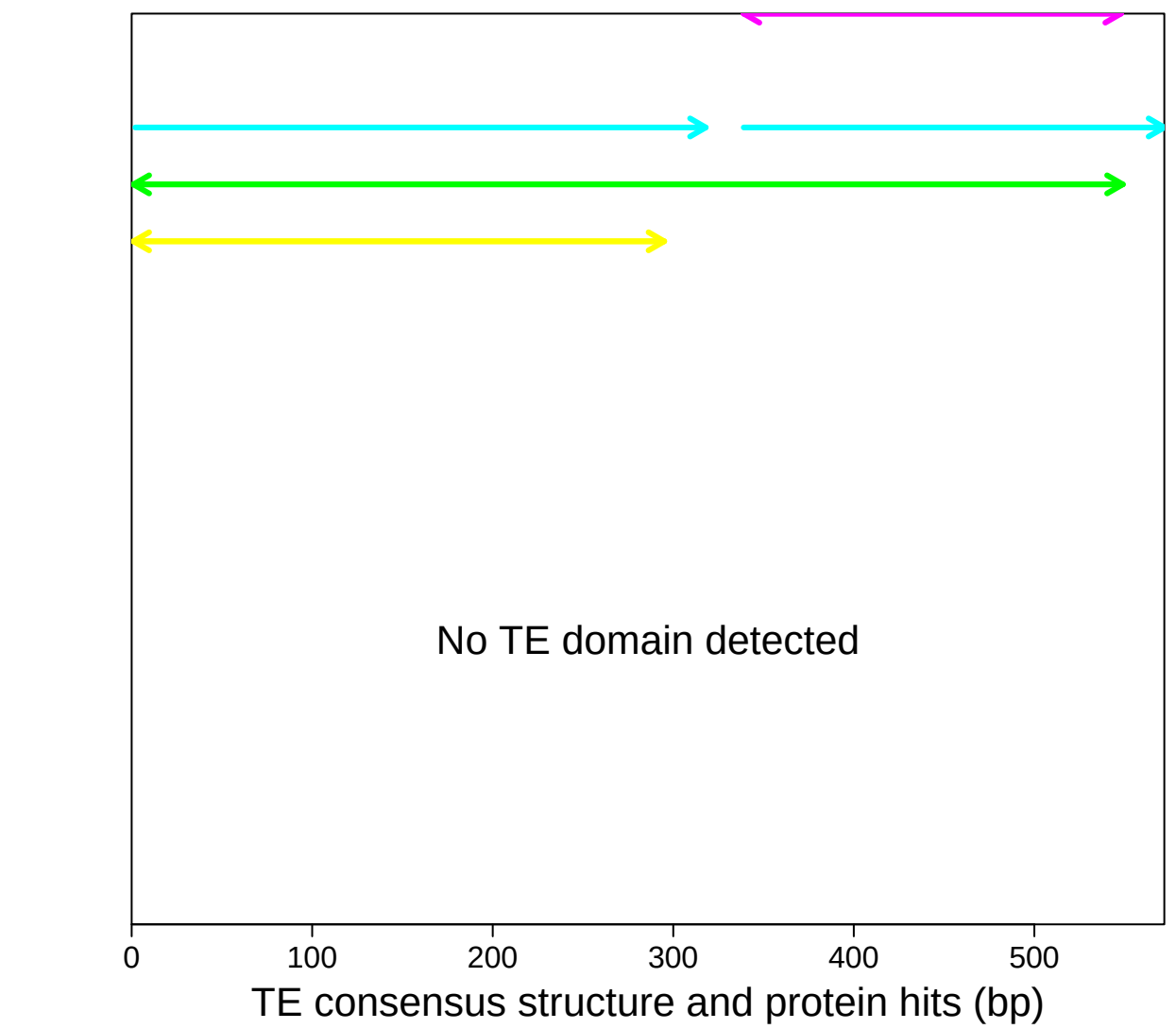
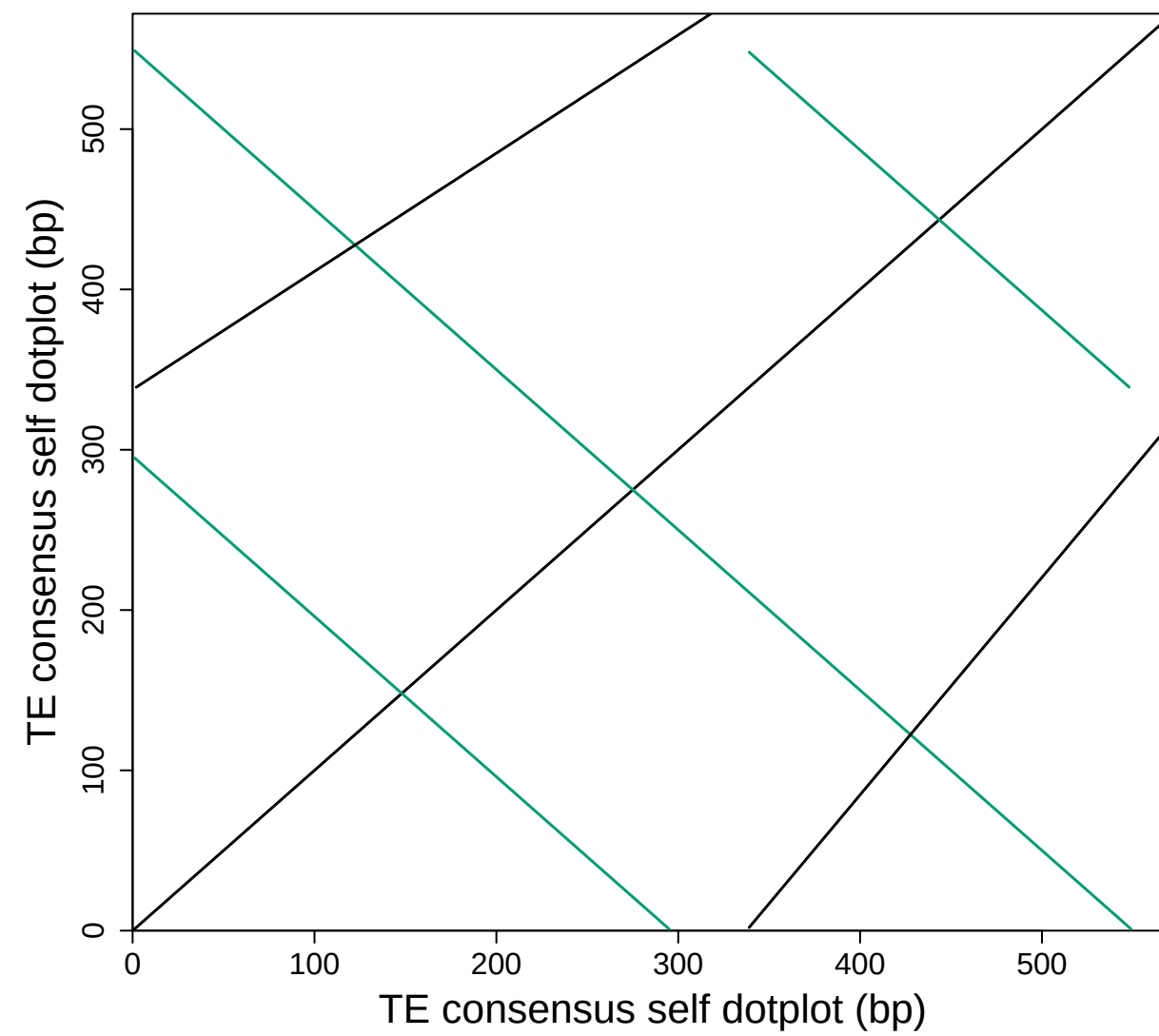
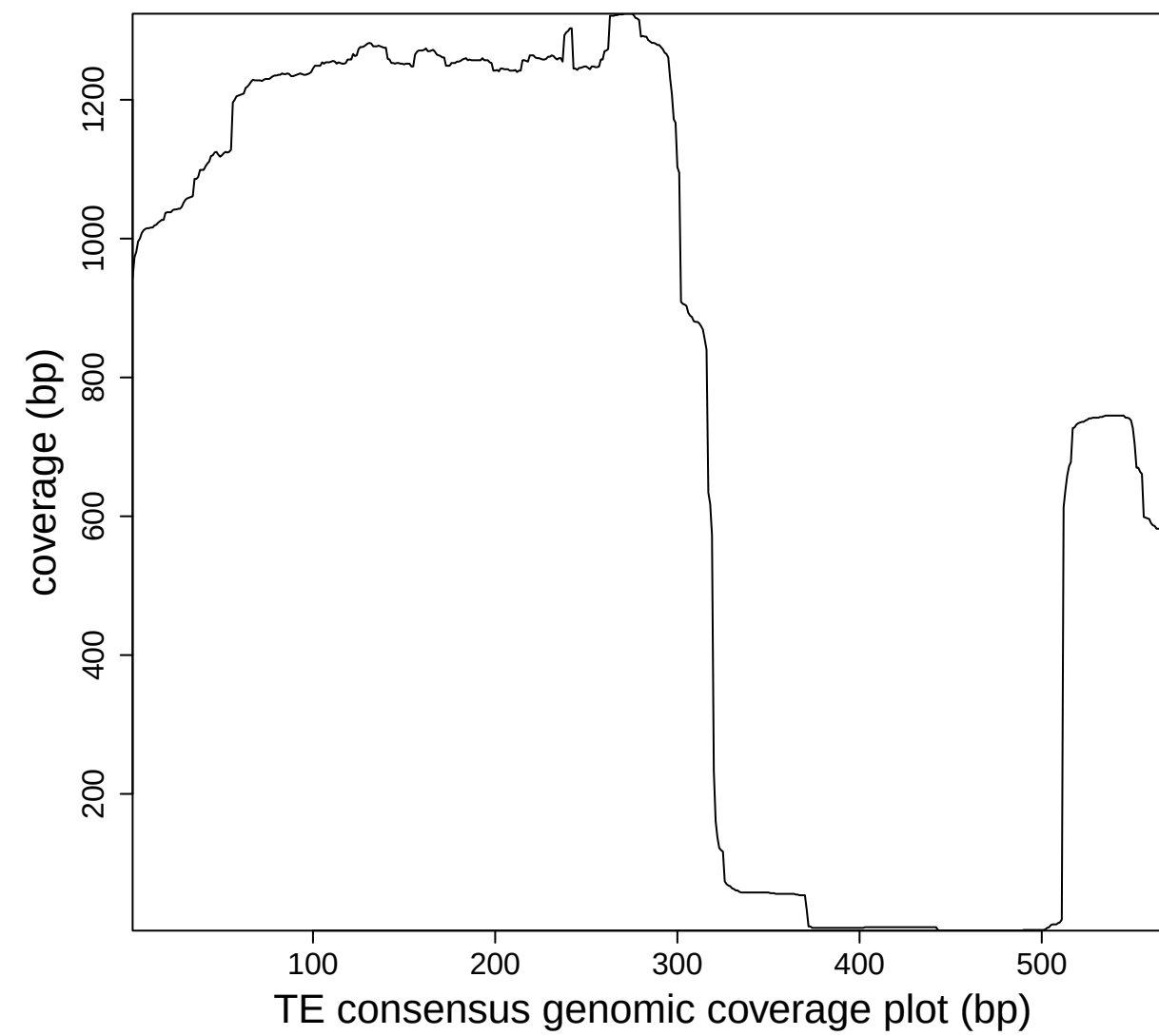
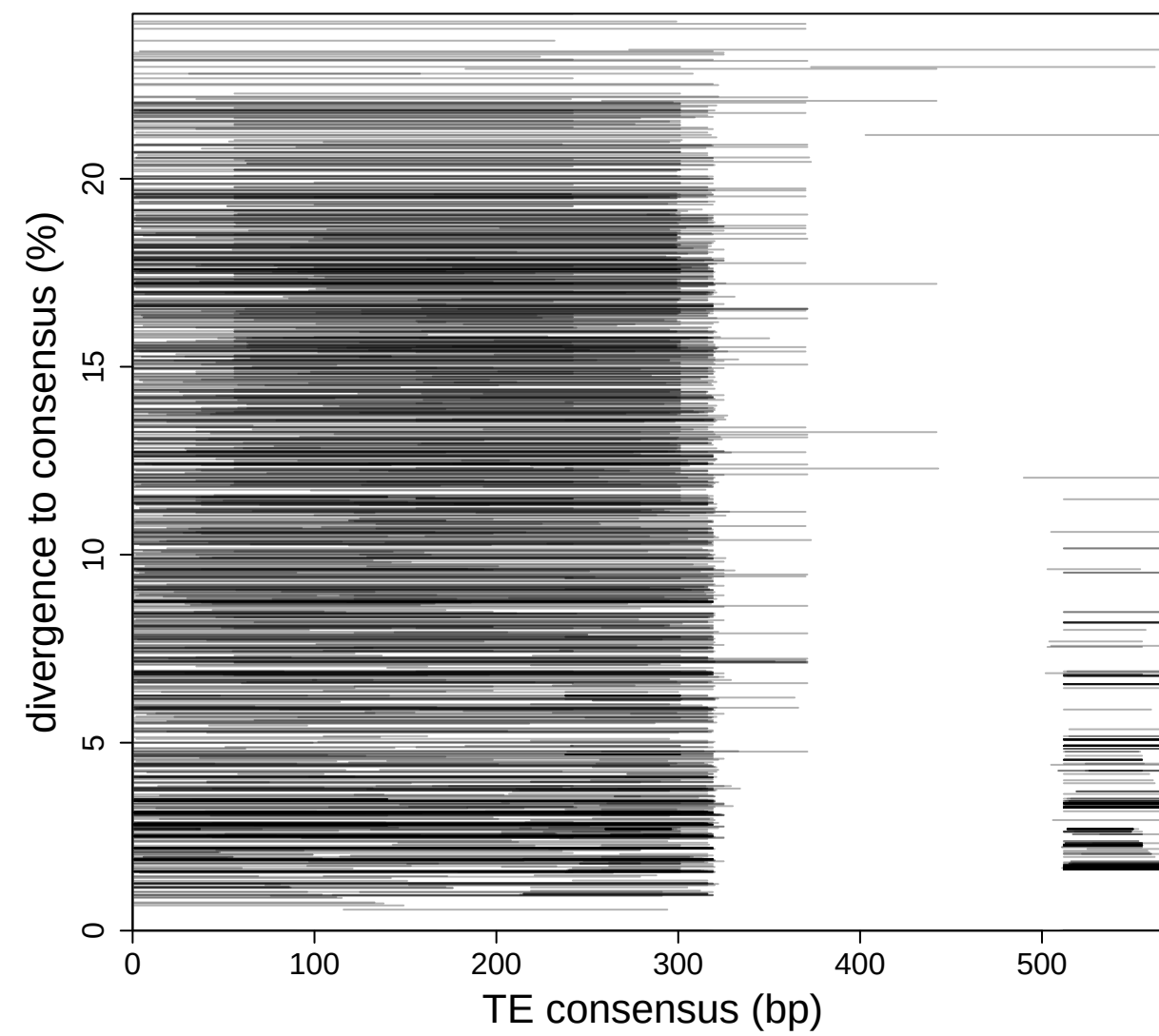


TTCTAGT TTAGTTTCCAGGGGGCGCTATTCTGTACACGGCATCGACTATCTGTCGGTATCGGTAAGTTACGACAGCTCTCGATACGTATTTGTATATAGTA - - - - -  
TT - - - - TTAACCGGCCAGGGGGCGCTATTCTGTACACGGCATCGATAATCTGTCGGTATCGGTAAGTTACGACAGCTCTCGATACGTATTTGTATATAGTA - - - - - AGCTGTCGGTAACCTTACCGATACCGACGATTGTACAGAATAGCGCCCCAGG - CAAGACACGAAAAACCTTAAACGATAAAATCTATTTTTTCAAGGCTCC  
GACTAGCTTAGCGCCCAAGGGGGCGCTATTCTGTACACGGCATCGACAATCTGTCGGTATCGGTAAATTACGACAGCTCTTGATACGTATTTGTATATAGTA - - - - - AGCTGTCGGTAACCTTACCGATACCGACGATTGTACAGAATAGCGCCGCCGGTTAAA - - - - - AGATGCCCAAATAAATTCGTACCA - - - - - TC  
CTCTAGCGTTTCGAATCCTGGGGCGCTATTCTGT - - - - - AAAATCTGTCGGTATCGGTAAGTTACGACAGCTCTCGATACGTATTTGTATATAGTA - - - - - GACGGGTTCTAGAGAGCATCAAAGAGCCAGACG - - - - - TCTTAAAAATACTTG  
TT - - - - AAAACAGGCCAGGGGGCGCTATTCTGTACATGGCATCGATAATCTGTCGGTATCGGTAAGTTACGACAGCTCTCGATACGTATTTGTATATAGTA - - - - - AGCTGTCGGTAACCTTACCGATACCGACGATTGTACAGAATAGCGCCCCAGGAGAAGACACGAAAAACATCAGACGATAAAATCTATTTTTTCCAAGGCTCC  
GGCTAGCATAGCGCCCTGAGGCGCTATTCTGTACACGGCATCGATAATCTGTCGGTATCGGTAAGTTACGACAGCTCTCGATACGTATTTGTATATAGTA - - - - - AGCTGTCG - TAACCTTACCGATACCGACGATTGTACAGAATAGCGCCCCCTGGATAAAATATAATGGCTGTTATTCACTTGGATG - ATTTTCCTTGAACCTTC  
TTGTAGC - - - - - CCAAGGGGGCGCTATTCTGTACACGGCATCGATAATCTGTCGGTATCGGTAAGTTACGACAGCTCTCGATACGTATTT - TATATAGTA - - - - - AACAAAGTTTAAGAAAGCATCG - - - - - TTTACTATGCTCT  
TT - - - - TTAACCGACCAAGGGGGCGCTATTCTGTACACGGCATCGACAATCTGTCGGTATCGGTAAGTTACGACAGCTCTCGATACGTATTTGTATATAGTA - - - - - AGCTGTCGGTAACCTTACCGATACCGACGATTGTACAGAATAGCGCCCCAGAACAAAGACACGAAAAACATTAGACGATCAAATATATTTTTTCCAAGGCTCC  
TT - - - - TTAACCGACCAAGGGGGCGCTATTCTGTACACGGCATCGACAATCTGTCGGTATCGGTAAGTTACGACAGCTCTCGATACGTATTTGTATATAGTA - - - - - AGCTGTCGGTAACCTTACCGATACCGACGATTGTACAGAATAGCGCCCCAGGACAAGACACGAATAACATTAGACGATCAAATCTATTTTTTACAAGGCTCT  
TT - - - - TTAACCGACCAAGGGGGCGCTATTCTGTACACGGCATCGACAATCTGTCGGTATCGGTAAGTTACGACAGCTCTCGATACGTATTTGTATATAGTA - - - - - AGCTGTCGGTAACCTTACCGATACCGACGATTGTAGAGAATAGCGCCCCAGGACAAGACACGAAAAACATTAGACGATCAAATATATTTTTTCCAAGGCTCC  
TT - - - - TTAACCGGCCAGGGGGCGCTATTTTGT - - - - - AAAATCTGTCGGTATCGGTAAGTTACGACAGCTCTCGATACGTATTTGTATATAGTA - - - - - AGCTGTCGCTAACCTTACCGATACCGACGATTGTACAGAATAGCGCCCCAGGAAGAAGACAAGAAAAACATTAGACGATCAAATCTATTTTTTCCAAGGTTCC  
TT - - - - GTGAGAGCCAGGGGGCGCTATTCTGTACACGGCATCAACAACCGTCGGTATCGGTAAGTTACGACAGCTCTCGATACGTATTTGTATATAGTA - - - - - GATATGGCATGTTAGGCATTAGGTGATAATCTTATCTTATTTTCAGAAAGTC  
TT - - - - TATTA AAAACCAAGGGGGCGCTATTCTGTACACGGCATCGACAATCTGTCGGTATCGGTAAGTTACGACAGCTCTCGATACGTATTTGTATATAGTA - - - - - TGTAAAGTAAAAGTGTATTATTAGTGTTTTATTTTTGCTTCCTTAACATTT  
CTCT - - - TAACTAGACCAAGGGGGCGCTATTCTGT - - - - - ACAATCTGTCGGTATCGGTAAGTTACGACAGCTCTCGGTACGTATTTGTATATAGTA - - - - - AGCTGTCAGTAACCTTACCGATACCGACGATTGTACAGAATAGCGCCCCAGAACCGTAAGCGGAAACCAACCTTAAGCGGAACCTCATGCACTGGGTATAAT



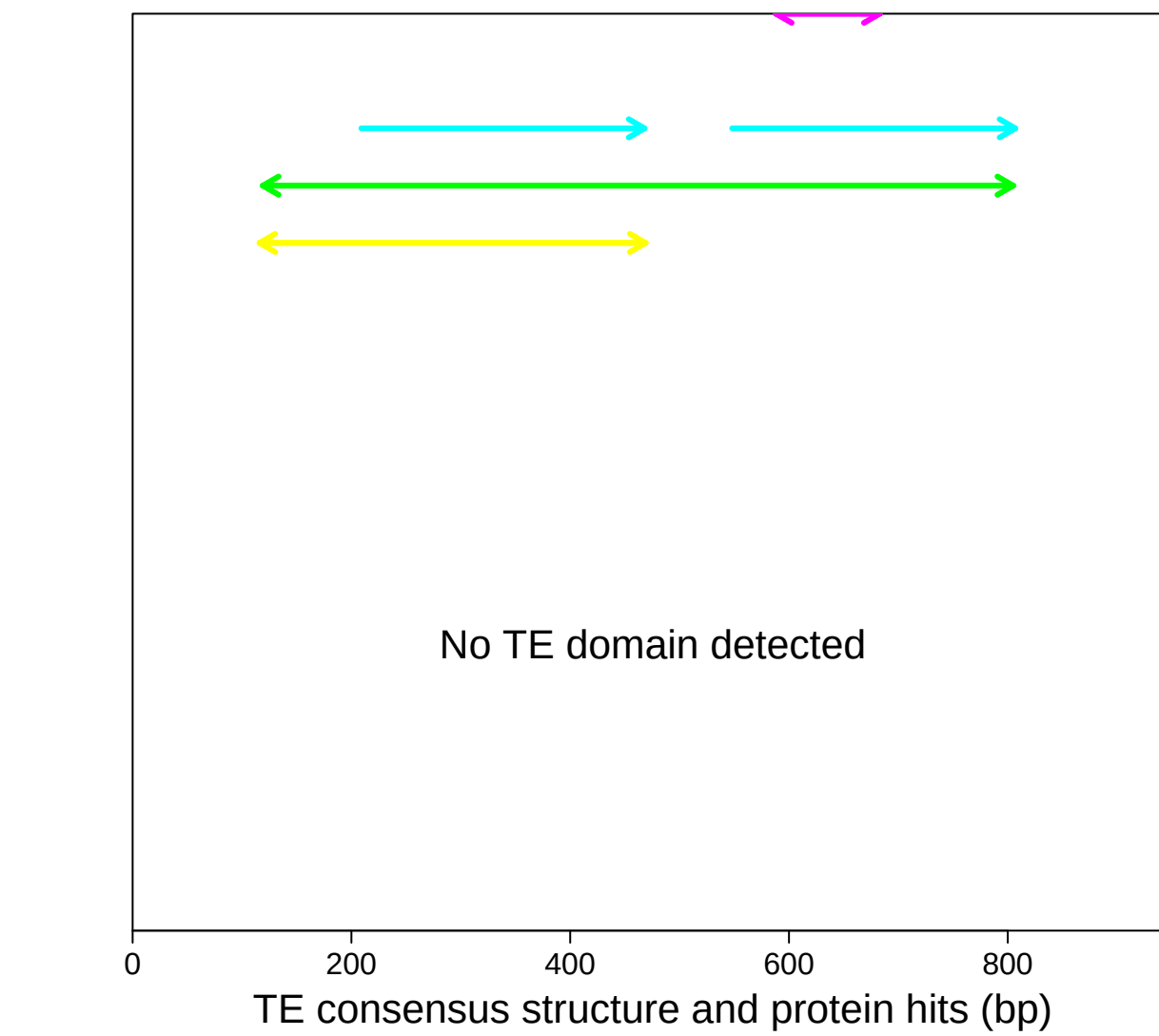
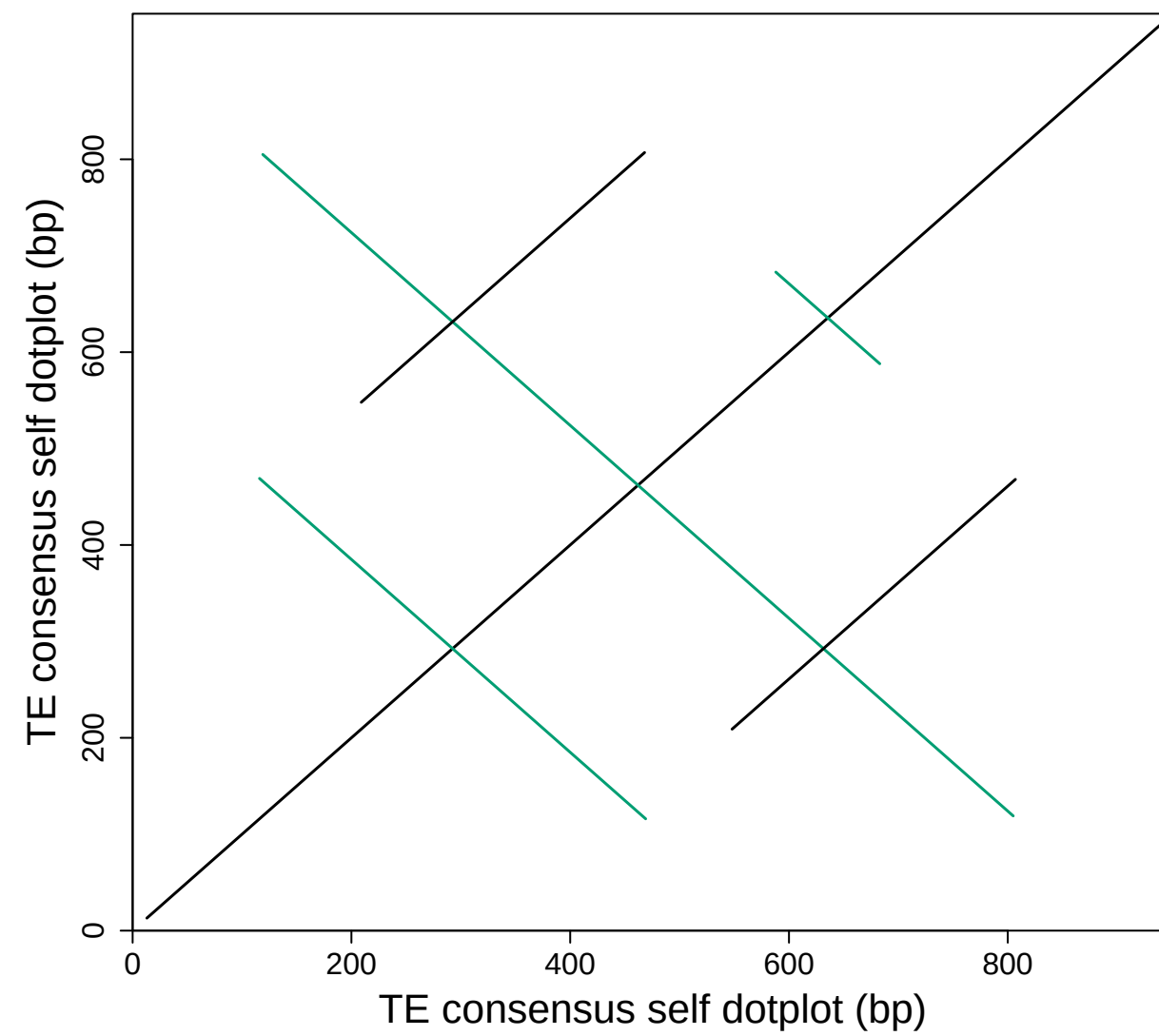
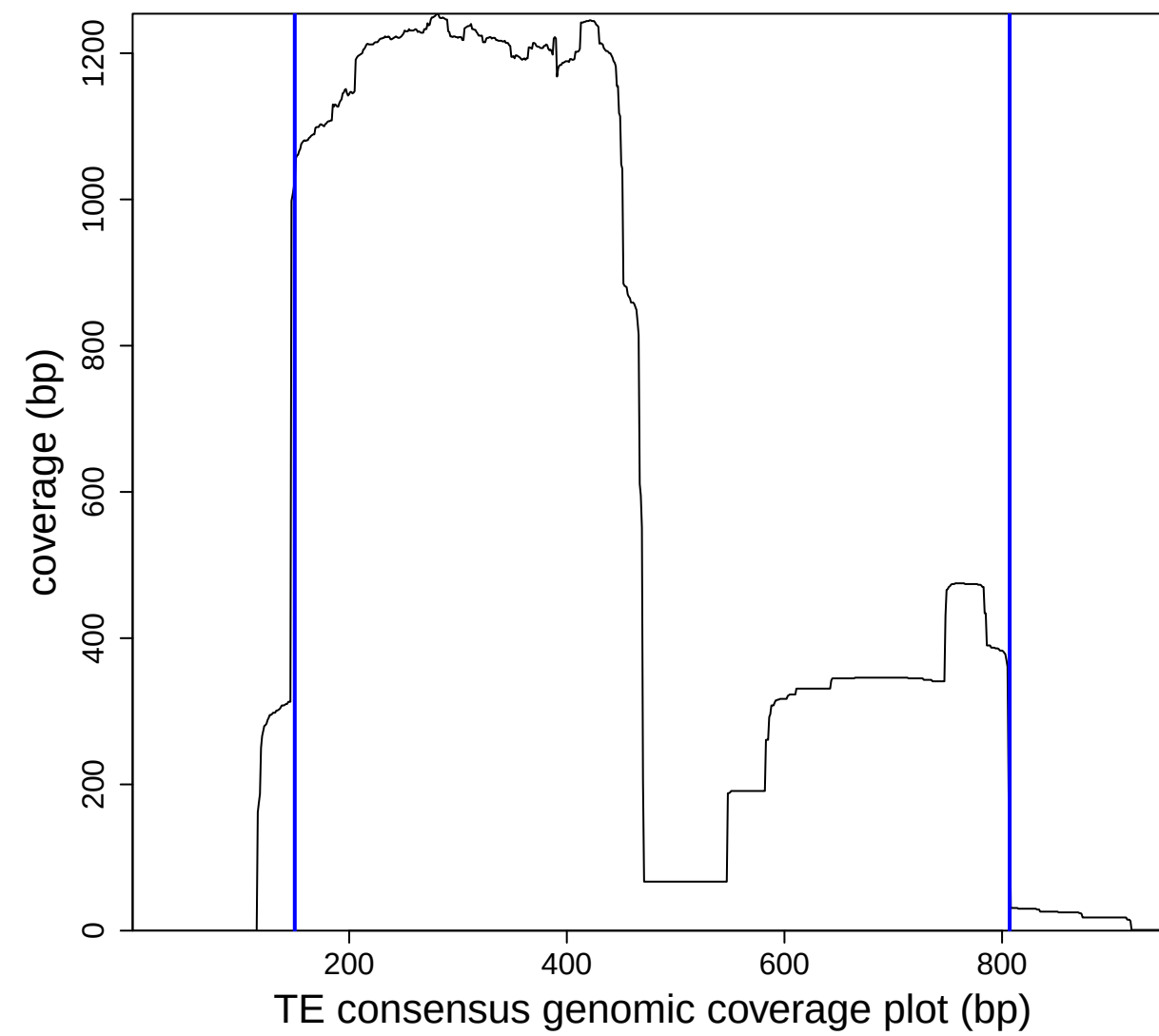
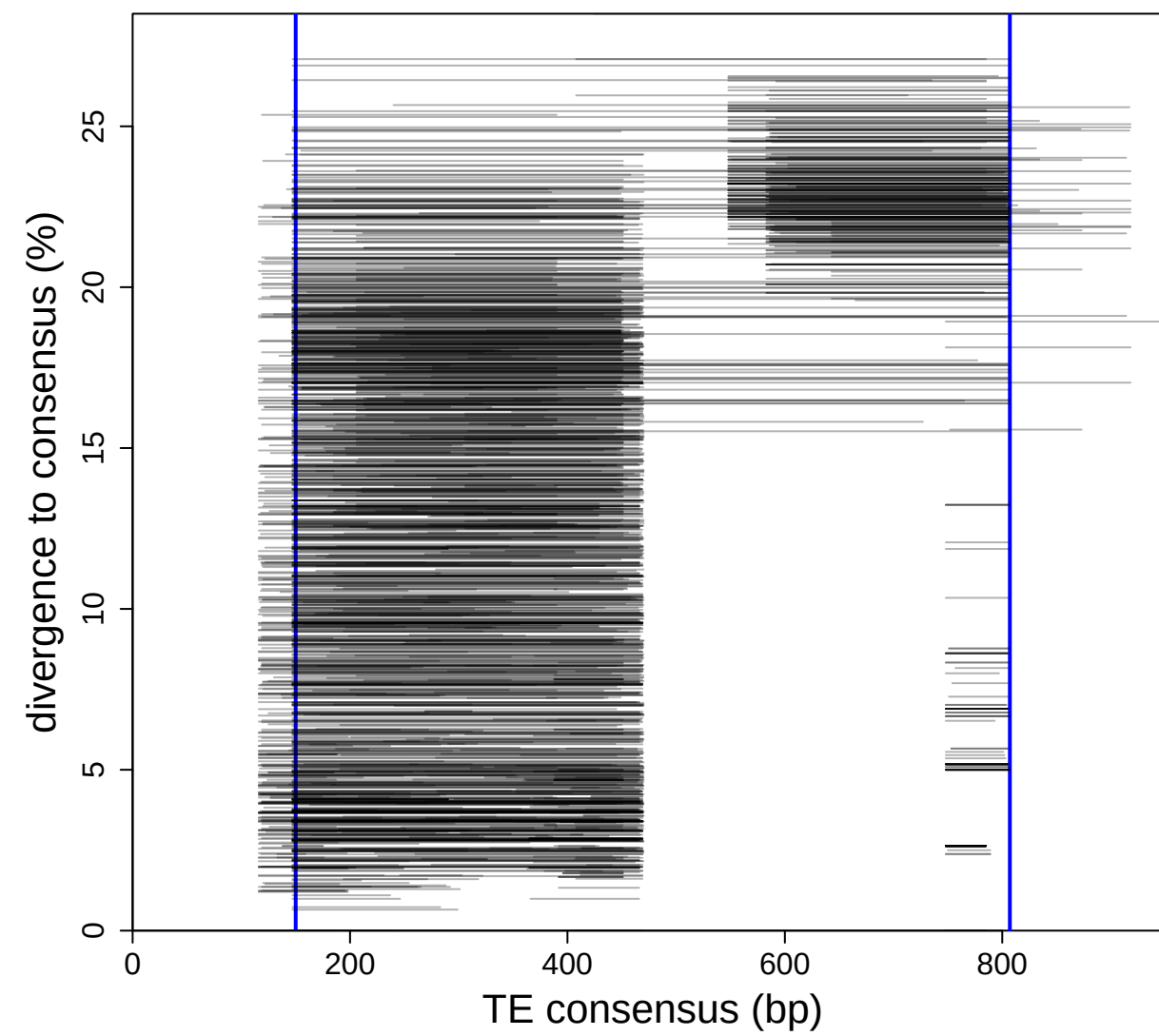
bed uf.bed g\_3.bed fm\_1.bed 0\_0\_bcln.fa aln.fa cl.fa gs.fa ce  
size: 572bp; fragments: 2396; full length: 0 (>=514.8bp)

# After TEtrimmer 572 bp

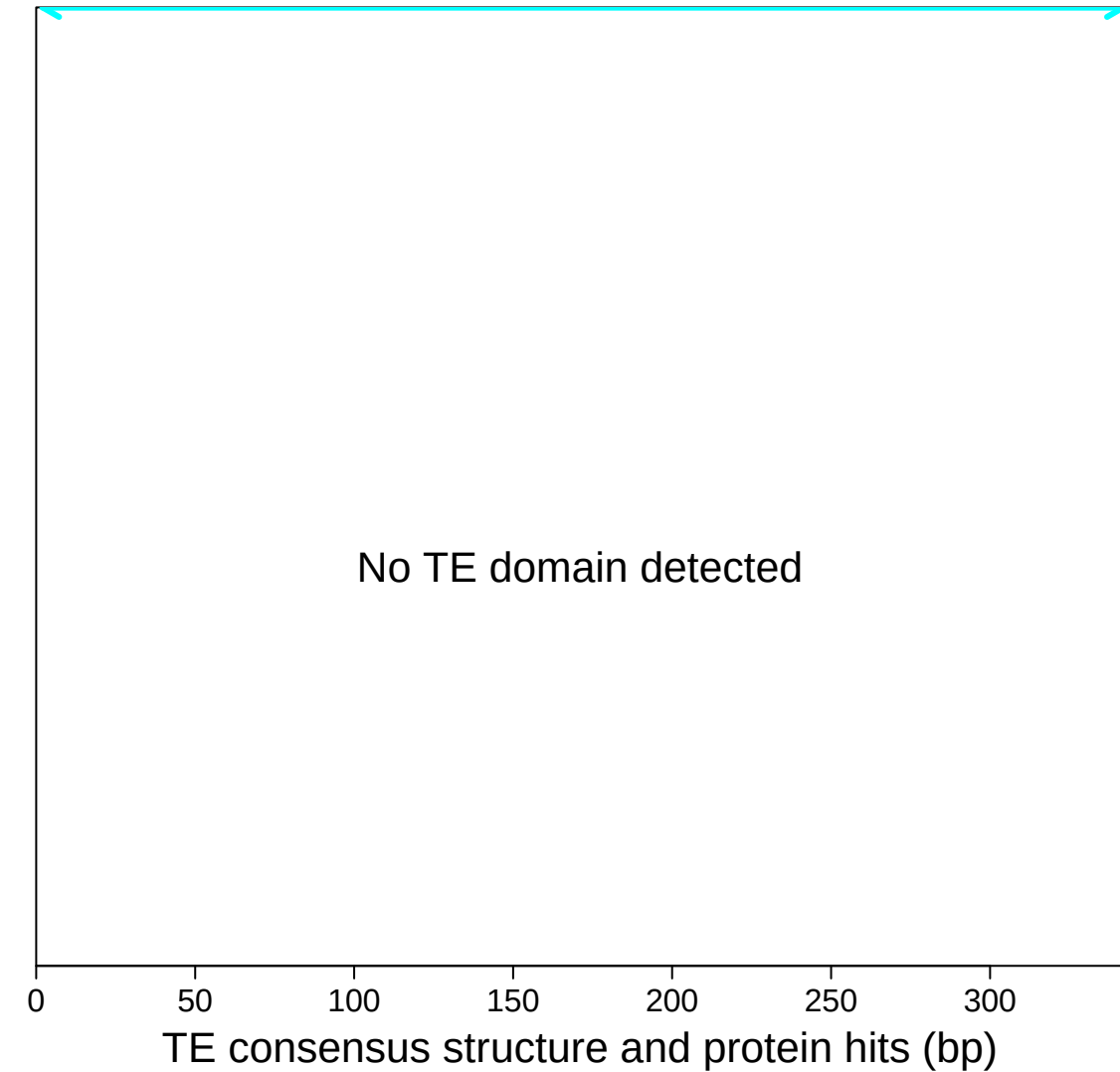
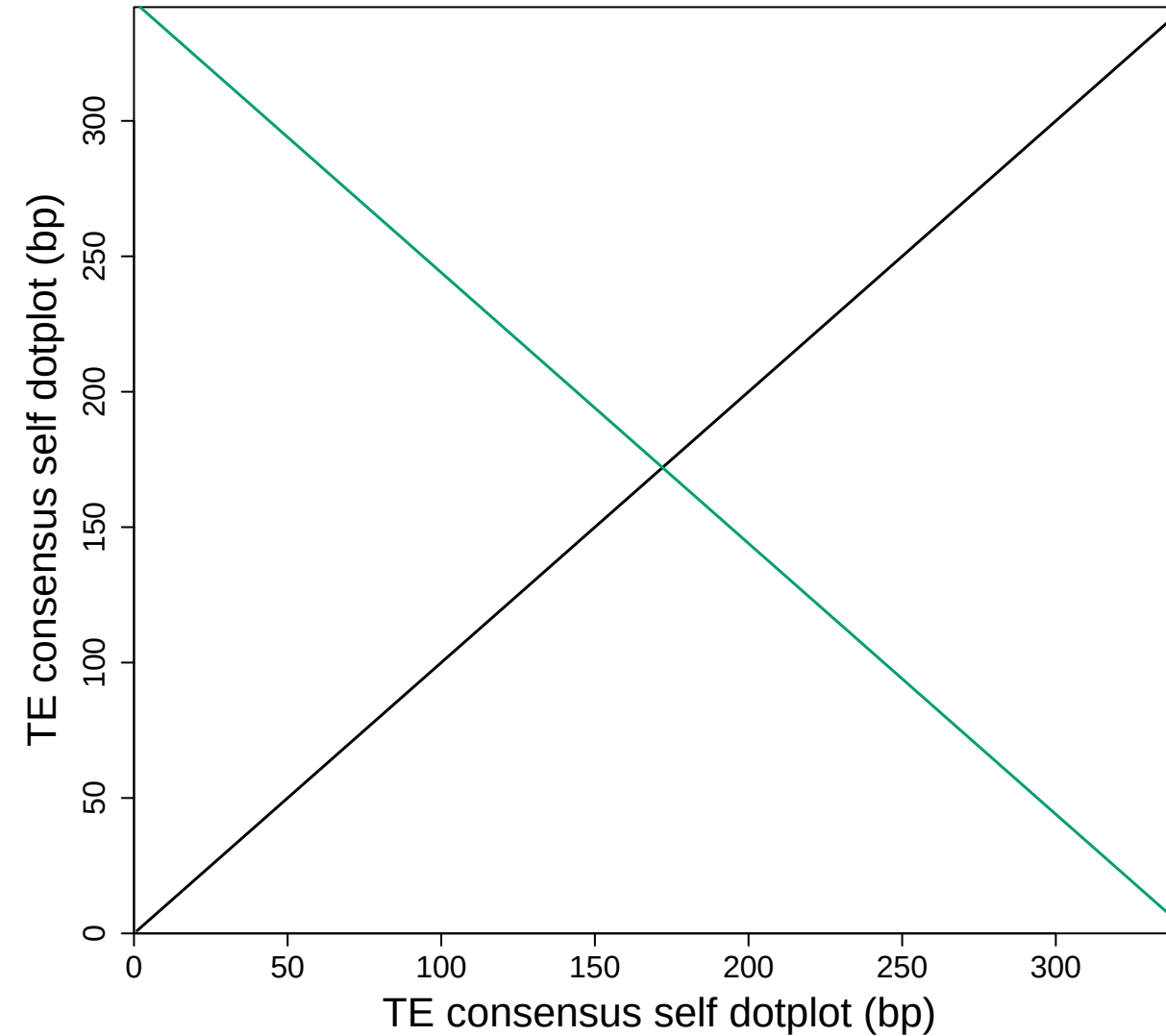
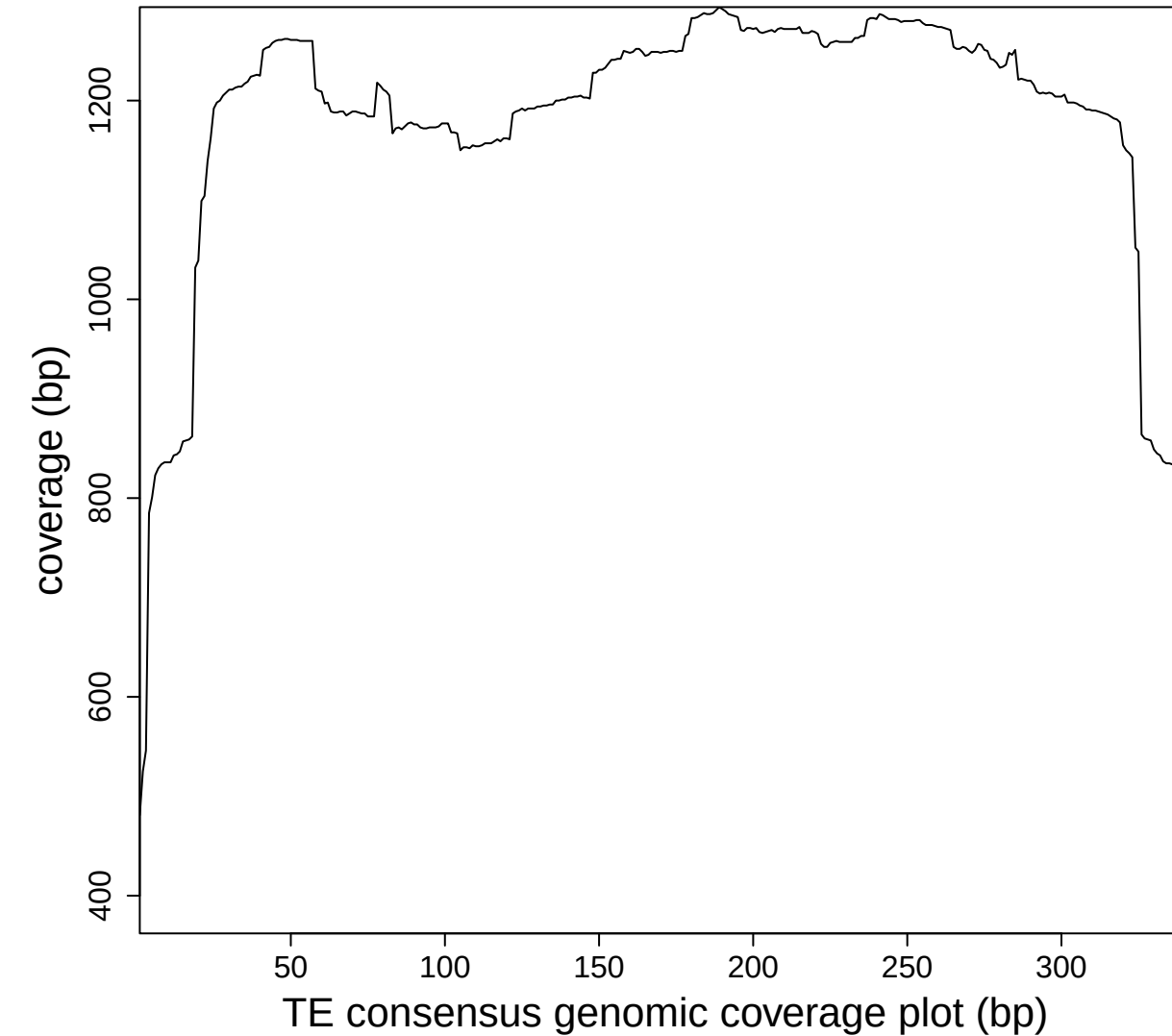
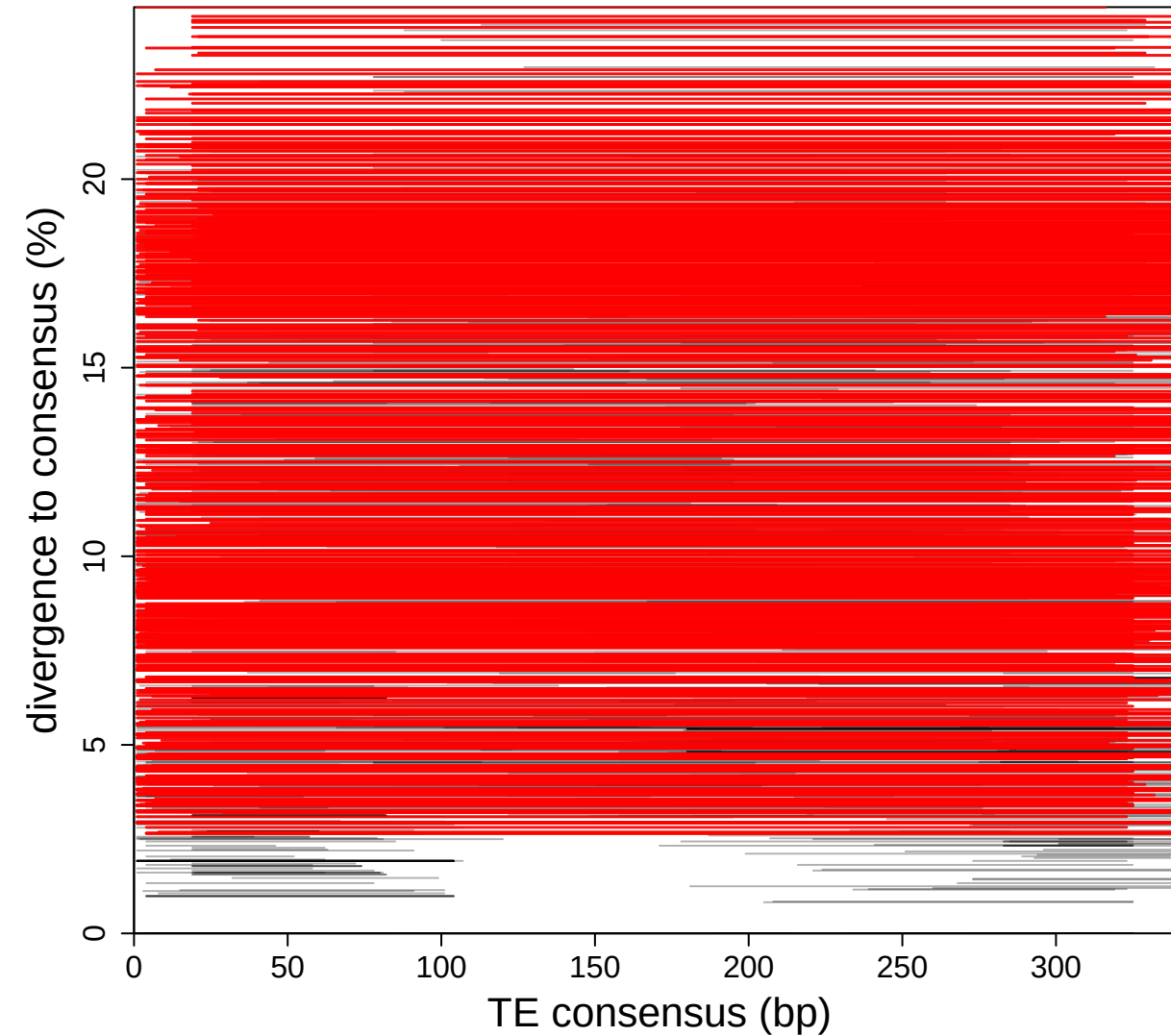


ily\_709.fasta.b.bed\_uf.bed\_g\_3.bed\_fm\_1.bed\_0\_0\_bcln.fa\_aln.f  
size: 957bp; fragments: 1995; full length: 0 (>=861.3bp)

# After TEtrimmer Extended plot Blue lines are boundaries

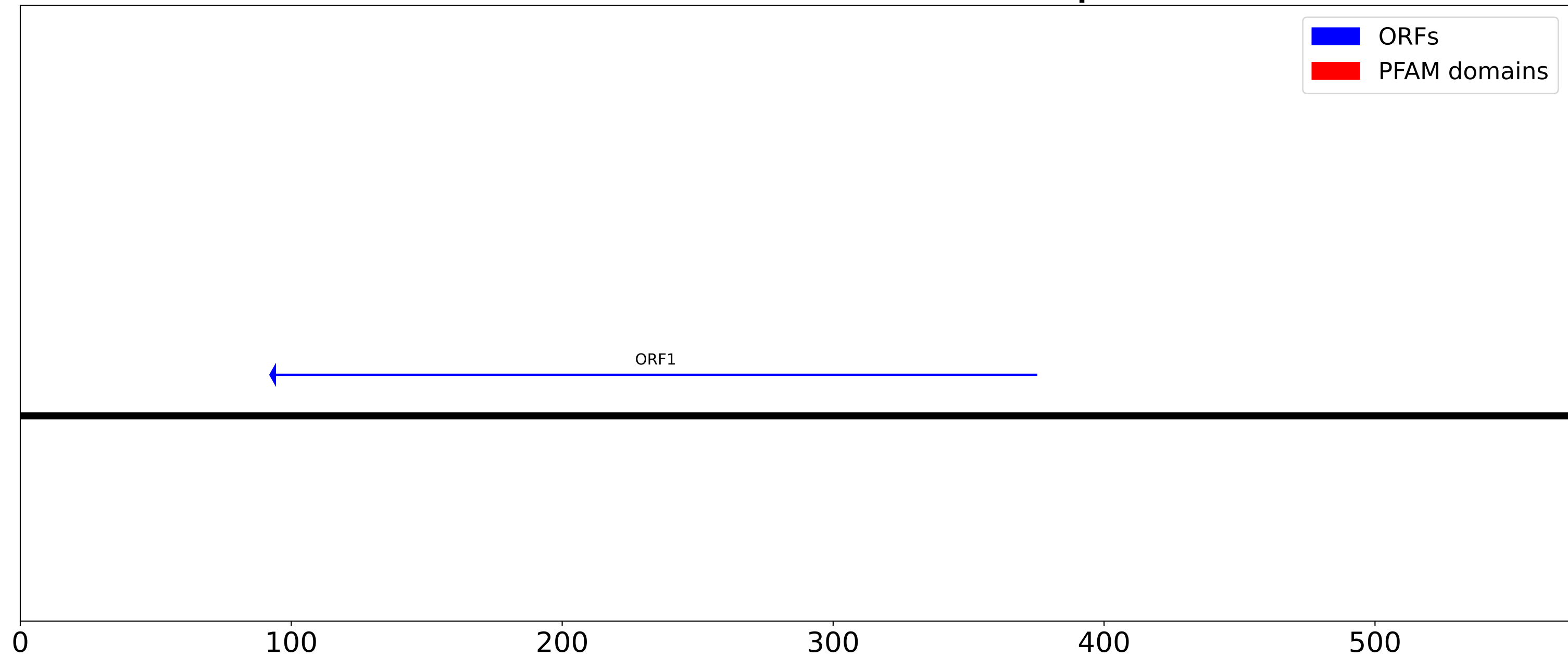


TE: rnd\_1\_family\_709  
size: 342bp; fragments: 1694; full length: 771 ( $\geq 307.8$ bp)



## Before TEtrimmer 342 bp

## After TEtrimmer ORF and PFAM domain plot

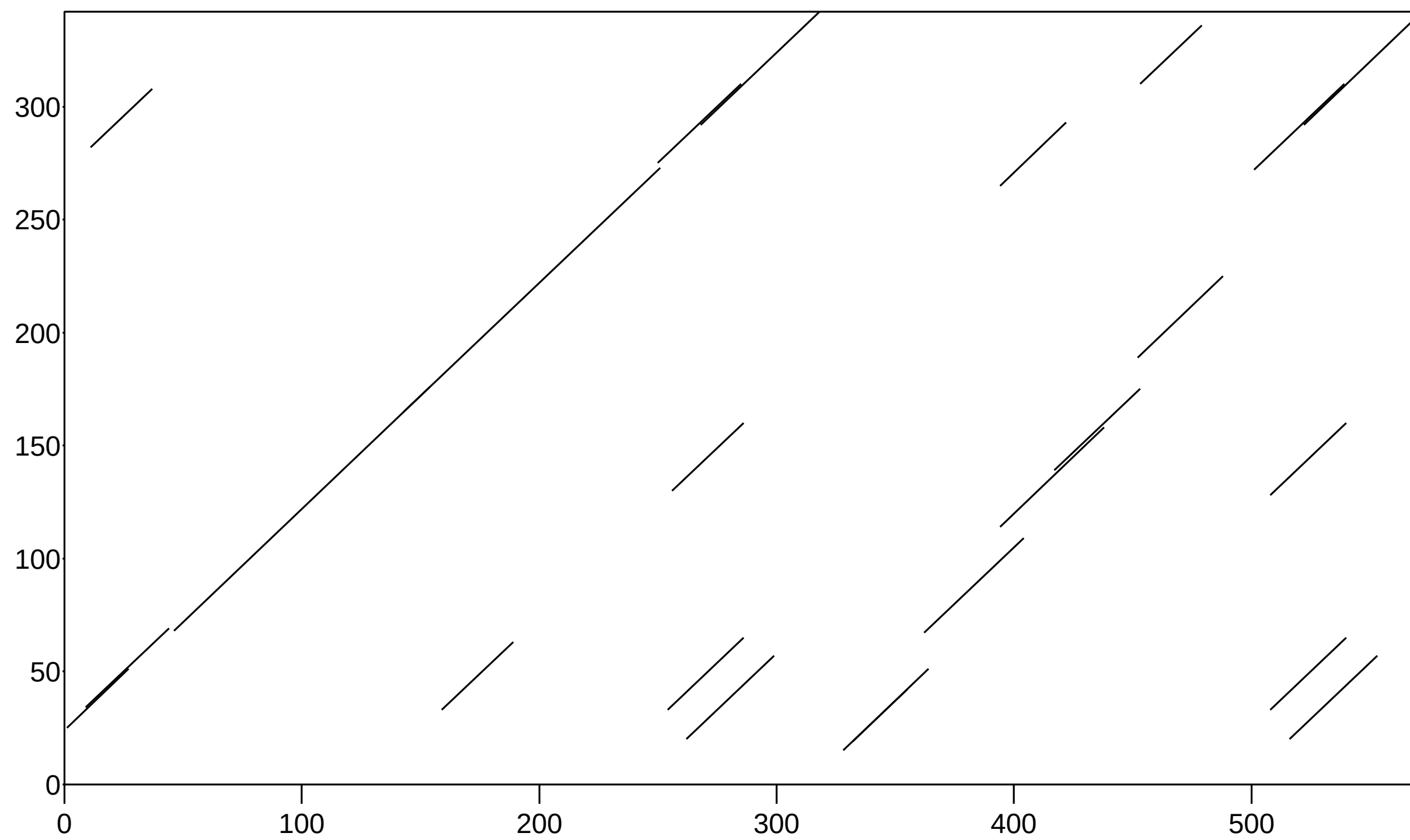




# Dotplot

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

TE consensus before TEtrimmer (bp)



TE consensus after TEtrimmer (bp)