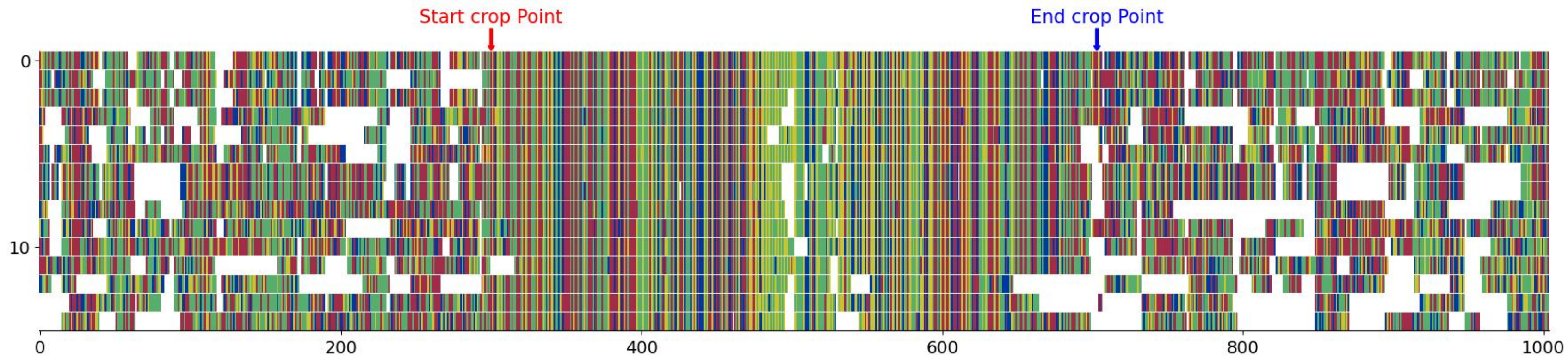
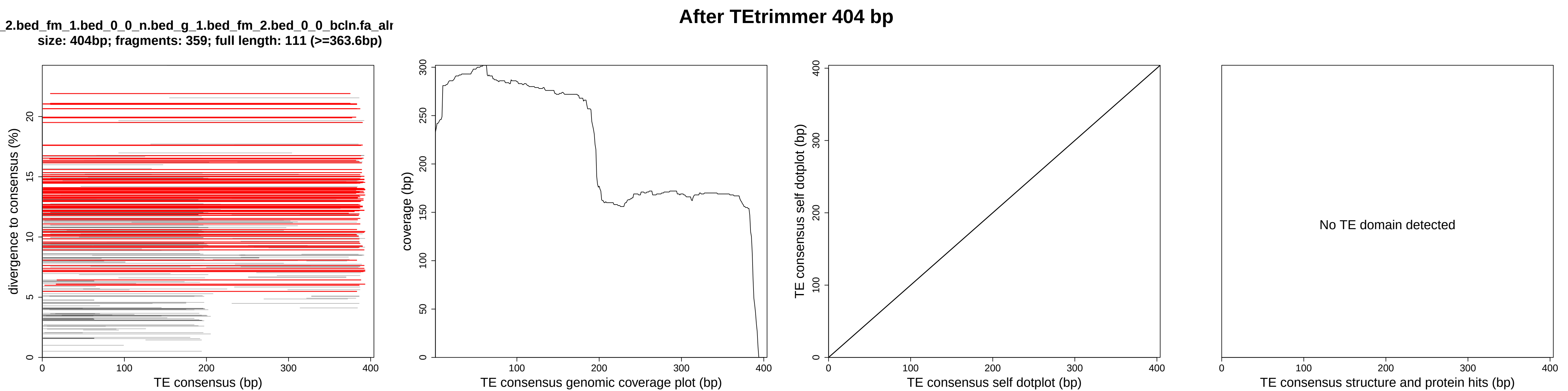


MSA length = 404

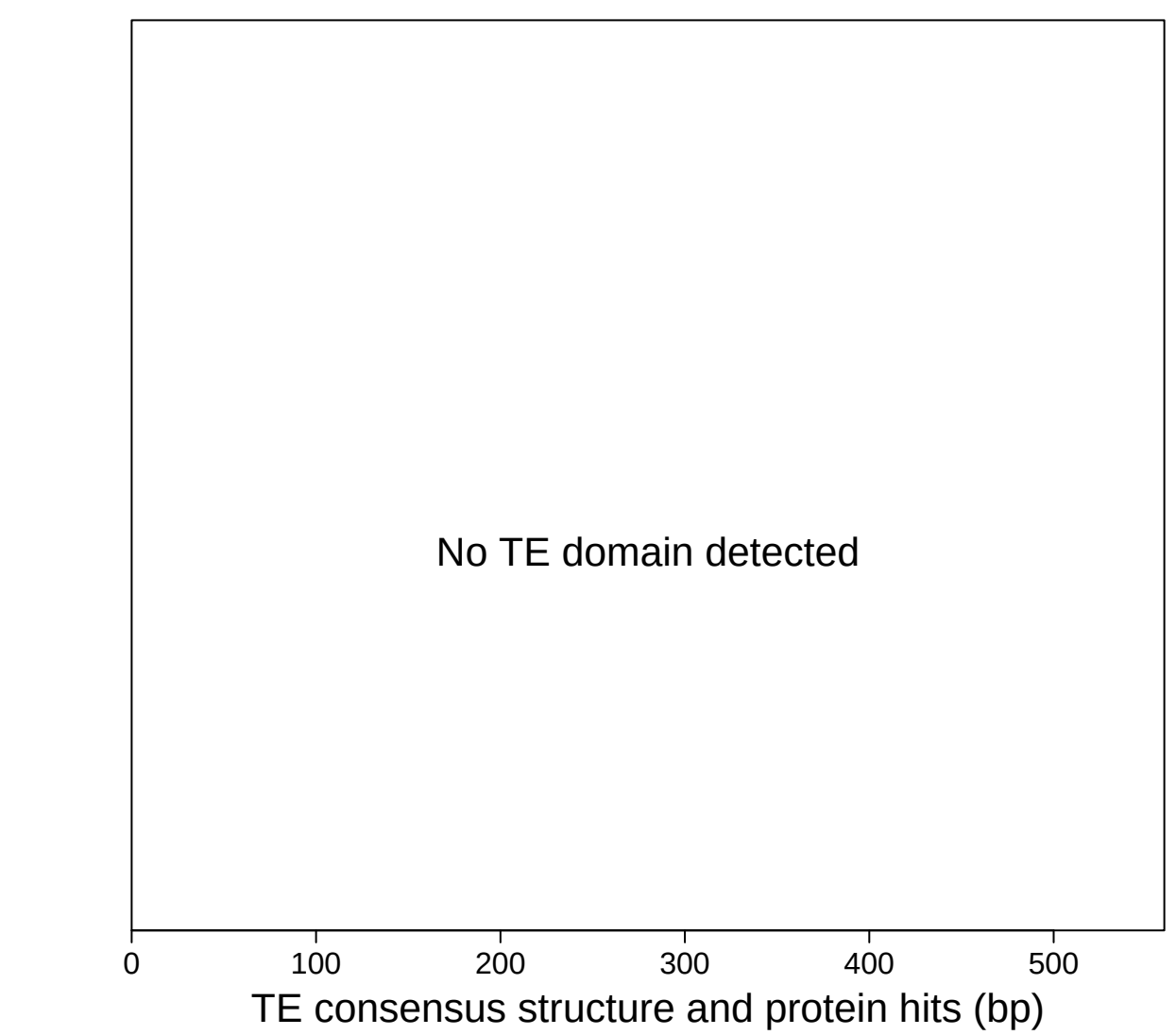
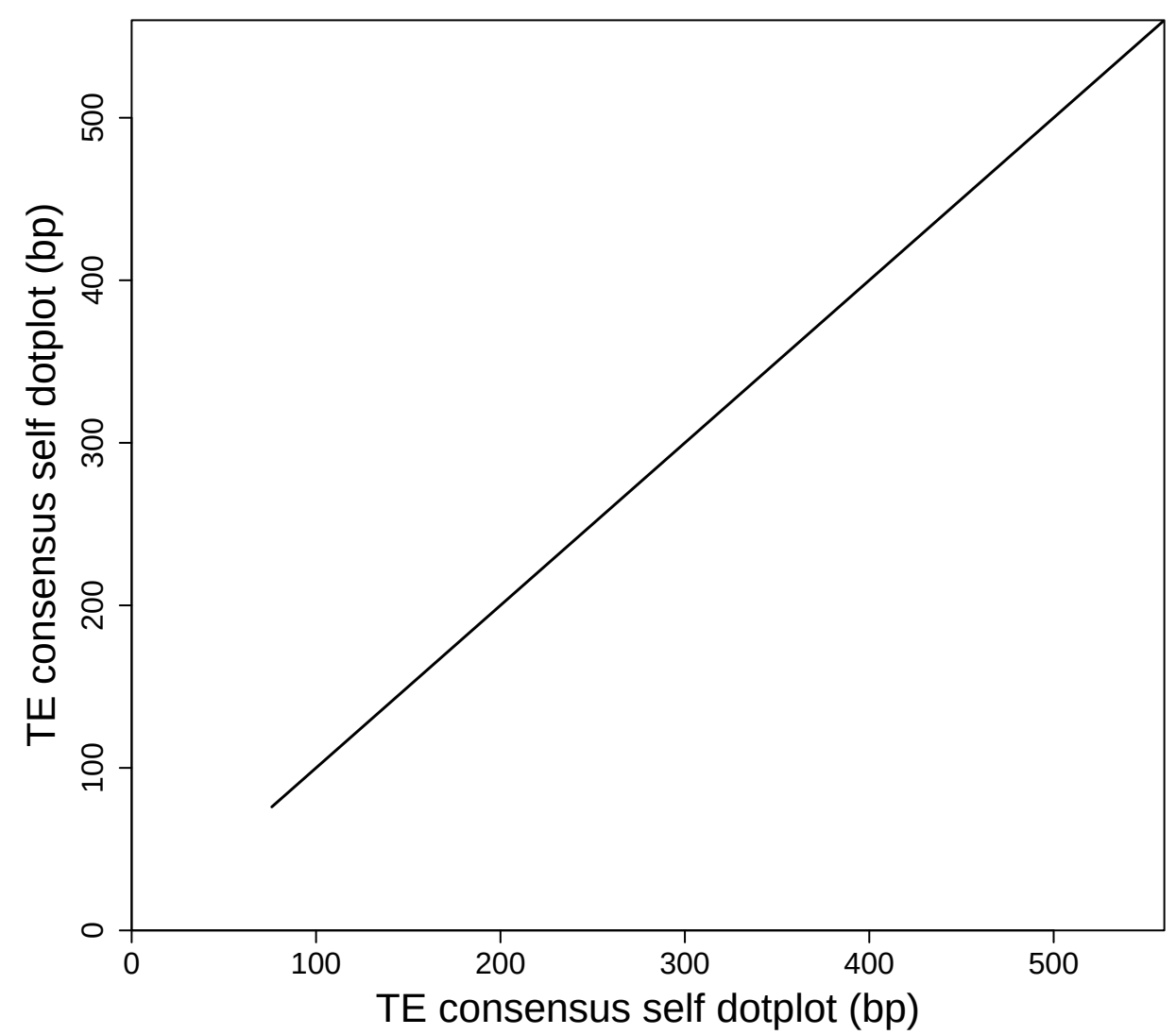
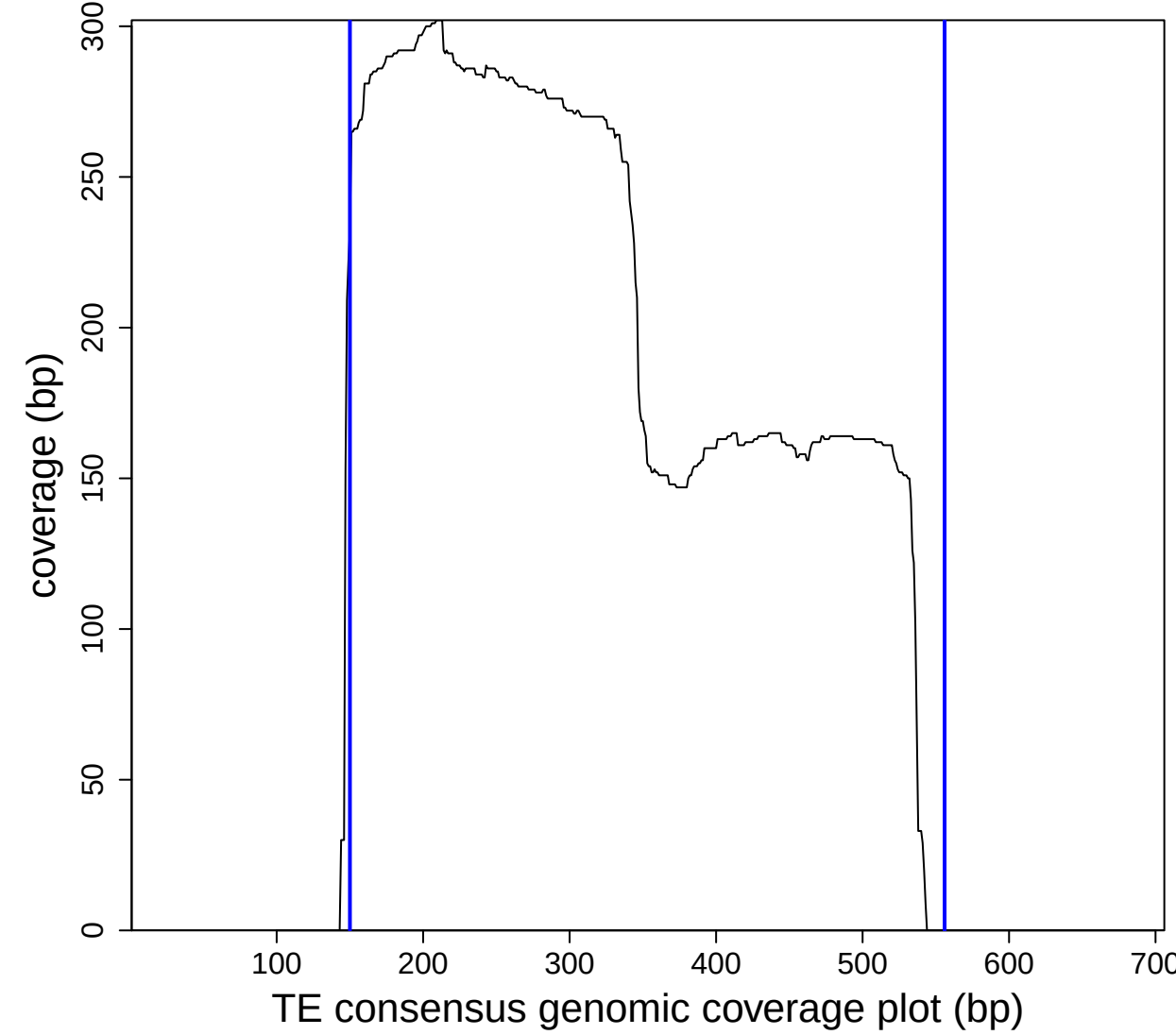
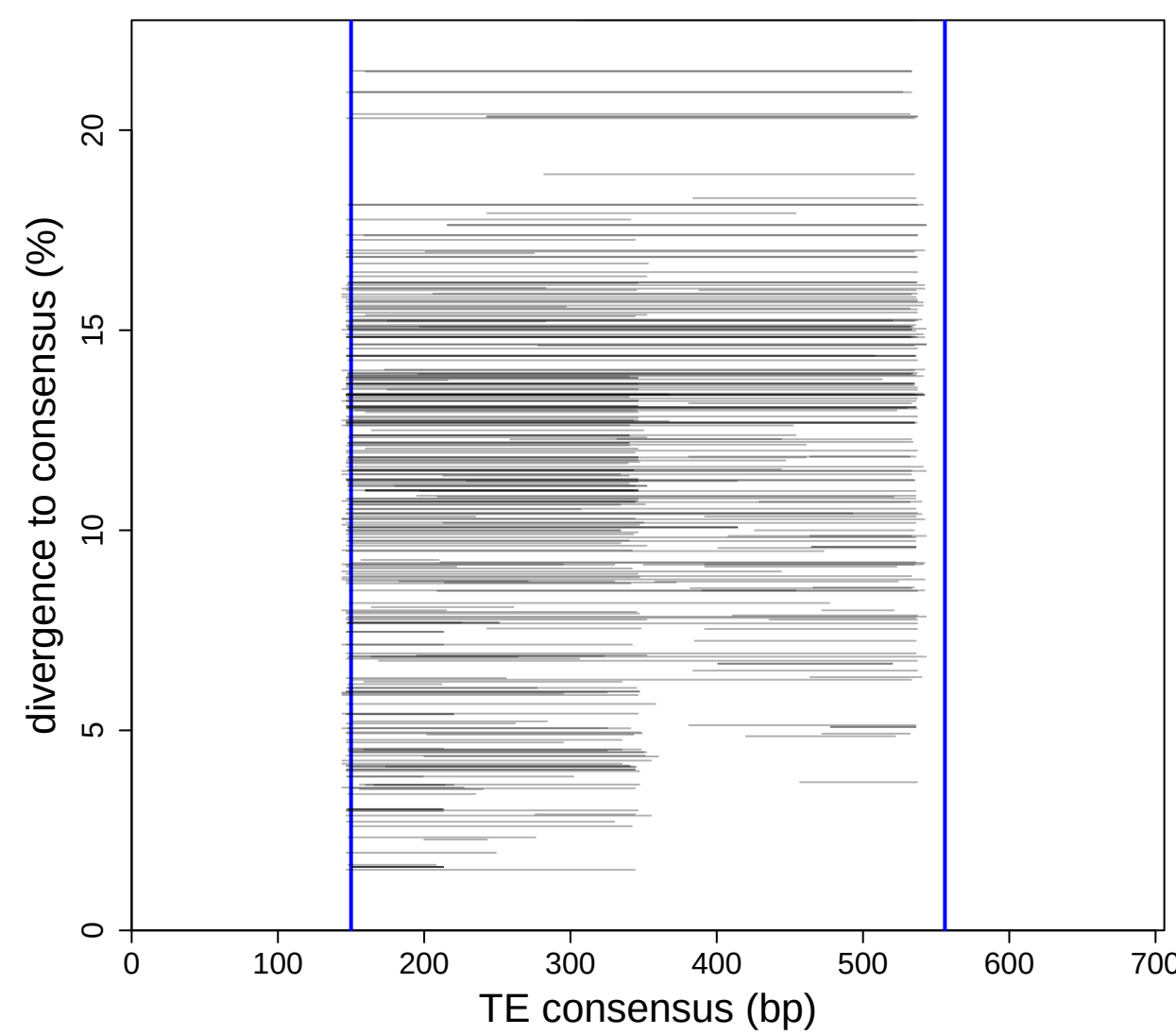
CAGCAA TAAAT TTTT GC - - - - TTGTT TGGGACT GT AAT ATAA - TATATATGTCGGAGCATT TATAAA TTAGTGATTAAATGTTAGACGTGGCAACATCT - - - - - ATTAATCTTAAATACCCGTTTTCCGACATATAC TTACAAAT AAAATGTTT GCT - TCACTTTACCCACTTGAACAGT CGAATCTGAAGTCCCACTCTTGTCT
 CATAAA TAATAAGATAT - - - - - AAATATGTCGGAGCATT TATAAA TTAGTGATTAAATGTTAGACGTGGCAACATCT - - - - - ATTAATCTTAAA - CCCGTTCTCCGACAAAATATATATAAAATGCAA - GTCTGCTT TTTT TTTTACGTTAATATGAGACGAACTTATTTT TTTCAAATGATTTGT
 TAGCAA TAAAT TTTT GC - - - - TTGTT TGGGACT GT AGTATA - - ATATATGTCGGAGCATT TATAAA TTAGTGATTAAATGTTAGACGTGGCAACA A CT - - - - - ATTAATCTTAAAGTACCCGTTTTCCGACATATAC TTACAAAT AAAATGTTT GCT - TCACTTTACCCACTTGAACAGT CGAATCAGAAGTCCCACTCTTGTCT
 TCAATGCAGGATTTT TCTCAGAGGAAATGGATTTT AATTTGATTTTACATGTGGGAGCATT TATAAA TTAGTGATTAAATGTTAGACGTGGCAACATCT - - - - - ATTAATCTTAAACACCCGTTTTCCGACATATATTTTCTAAGATATATGTTTGT TTTCTCCTTATTTAATGGCA - - - - - ATTATATTTTGT TTTCTTTG
 CAGTAACAAAATGGTATTACAGT - - - - - ATGCCATATAAGT - ATAAATATGTCGGAGCATT TATAAA TTACTGATTAAATGTTAAACGTGGCAACATCT - - - - - ATTAATCTTAAACTTCCGTTTTCCGACATATACATATTA - - - - - GCCCATTTGTACGCTGCTA - - - - - CTATCTTTTAACTGT TTTG
 TGTGTGTTATCTCTTTATCATATTCTATCAATATGCTTGTGTACA - TGTGTGTGTCGGAGTATTTTATAAA TTAGTGGTTAAATGTTAGACGTGGCAACATCT - - - - - ATTAATCTTAAACACCC TTTTGCCGACATGTGCA TATTT - - - - - GTT - TTTTGCTCTCCTGTAAAATGGAGT CAGCAGTTTAACACATTTT
 TAATTTTAAAGATTTCTGATATA - - - - - ATACTTTGGAATTTTATATATGTCGGAGCATT TATAAA TTAGTGATTAAATGTTAGACA TGGCAACATCT - - - - - ATTAATCTTAAACACCCGTTTTTCGAAATATATTTTATATTTTGTGAT - - - - - TGTATTTAGCACAGTAACTGAAAGGTTCAGGATTCGAATCGGTCAA
 TAATTTTAAAGATTTCTGATATA - - - - - ATACTTTGGAATTTTATATATGTCGGAGCATT TATAAA TTAGTGATTAAATGTTAGACGTGGCAACATCT - - - - - ATTAATCTTAAACACCCGTTTTTCGAAATATATTTTATATTTTGTGAT - - - - - TGTATTTAGCACAGTAAACCGAAAGGTTCAGGATTCGAATCGGTCAA
 CTCAAA TAAATCCTTATTATTAAATAA AAAAGTCTCTAATAAA - TATATATA TCGGAGCATT TATAAA TTAGTGATTAAATGTTAGACGTGGCAACATCT - - - - - ATTAATCTTAAACACCCGTTTTCCGACATATACATGTAACGTGCA - - - - - ATTTTCTGCTCAGCAAAAATAT - - - - - TCTACAAGTCTCGATTGTTCT
 TGGTCTTGCAGGTTTAAACGTTGGTGGTCTTCGTCTTGGTCTTG - AAAAATGCAAGACCAACTAATAA TTAGTGATTAAATGTTTGACGTGGCAACATCT - - - - - ATTAATCTTAAACACCCGTTTTCCGACATAAATAATAAGCCAAA - GTTTTCTTGTATTTCTTTAACAGCAAAGT - - - - - TTTATTAATAATTATATCCTTAT
 TGTTATTTAAATCCTTT - - - - - TTAAACCGACTTTTATTTCAG - AGTATATGTCGGAGCC TTTATAAA TTAGTGATTAAATGTTAGACGTGGCAACATCT - - - - - ATTAATCTTAAACACCCA TTTCTCCGTTATATATATTTTATGTTAA - - - - - ACTTTAAACATTATTAGGTAAT - - - - - TTTAAAAATGTTTTTTTTTTCT
 GGTTAGTAAATATTTT TTTTATAATAA ACTTCACTTTGATGAGA - TTTAGA - - - - - ATTAGATGATTAGATGTTAGACGTGGCAACATCT - - - - - ATTAATCTTAAACACCCGTTTTTTCGACATATATTTAAAAACTGTTA - - - - - ATAGTAAATTTATAGTATTTA
 TTTGTTTTGTATTTTTT - - - - - TGTATATGTCGGAGCATT TATAAA TTAGTGATTAAATGTTAGACGTGGCAACATCT - - - - - GATTATAACCCATCAGAA AAAAGAA - - - - - GATTATAACCCATCAGAA AAAAGAA
 TCTATTTAACGATTTTTCATAATT TAAAGGCGCGTTTACACGATTGAATTTGTGGAGCATT TATAAA TTAGTGATTAAATGTTAGACA TGGCAACGTTT - - - - - GACAGGCAA AA - - - - - TCT - - - - - TCTTGAATGTTTTTCGGTTTC
 TTGCGTTTAAAGGTTCCGACGCGTCGATTTTACTATTAGCGAA TAAATATATGTCGGAGTATTTATAA TTAGTGATTAAATGTTAGACGTGGCAACATCT - - - - - ATTAATCTTAAATGCC TGT TTTCCGACATATATTTAATAGATGTA - - - - - ACAAGTGAGTTAATAGCATCA



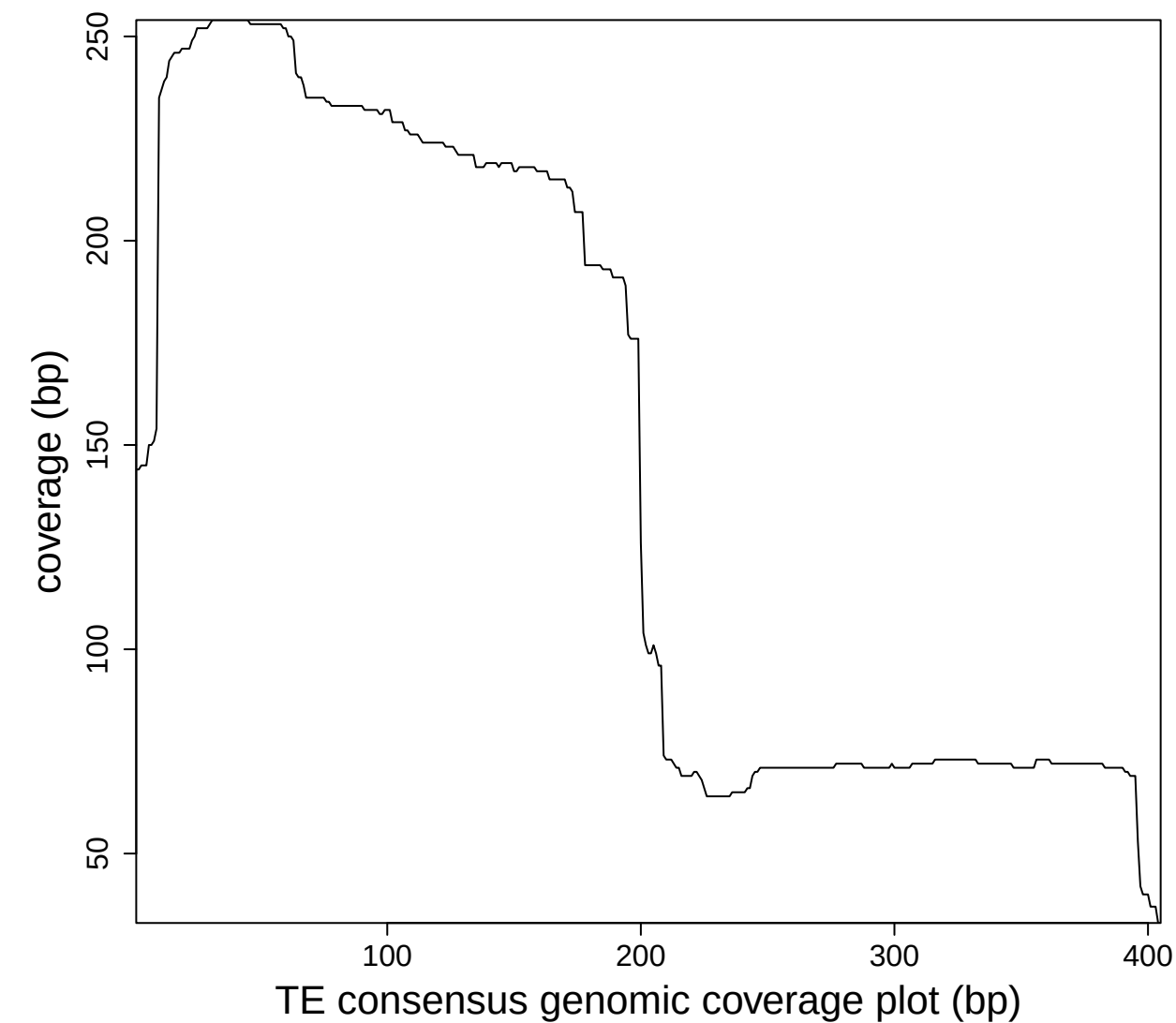
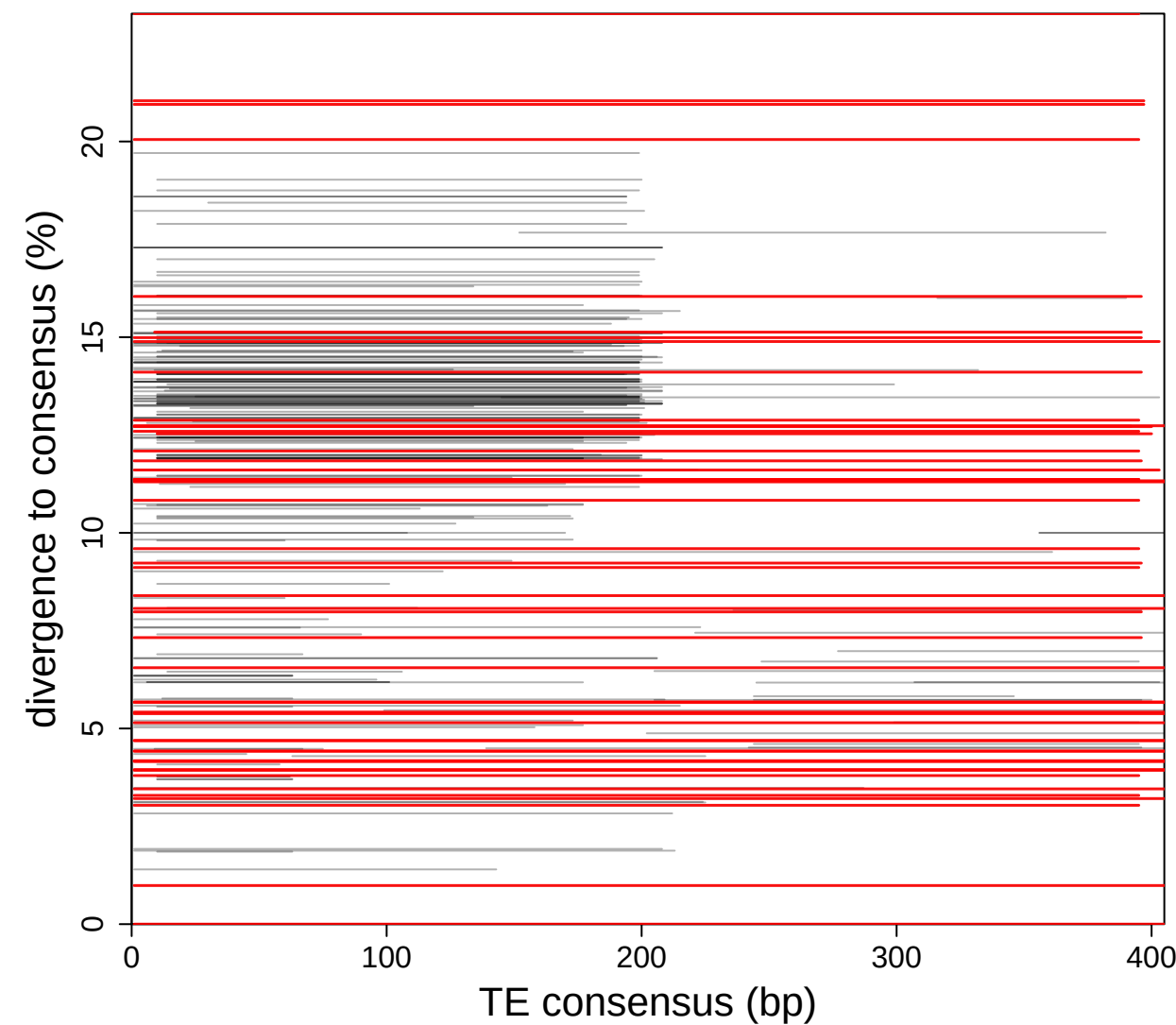


bed_g_2.bed_fm_1.bed_0_0_n.bed_g_1.bed_fm_2.bed_0_0_bcln
size: 706bp; fragments: 356; full length: 0 (>=635.4bp)

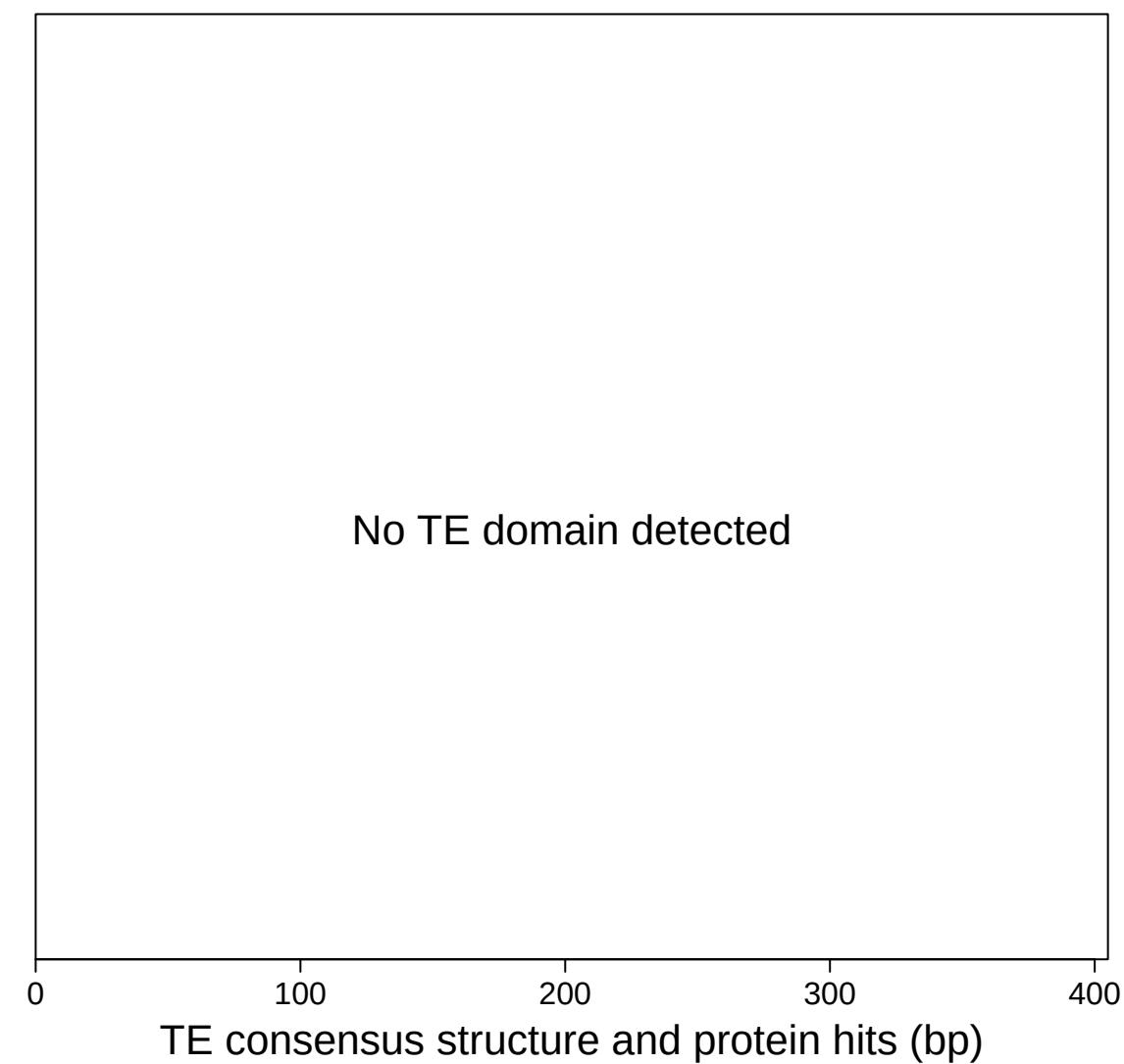
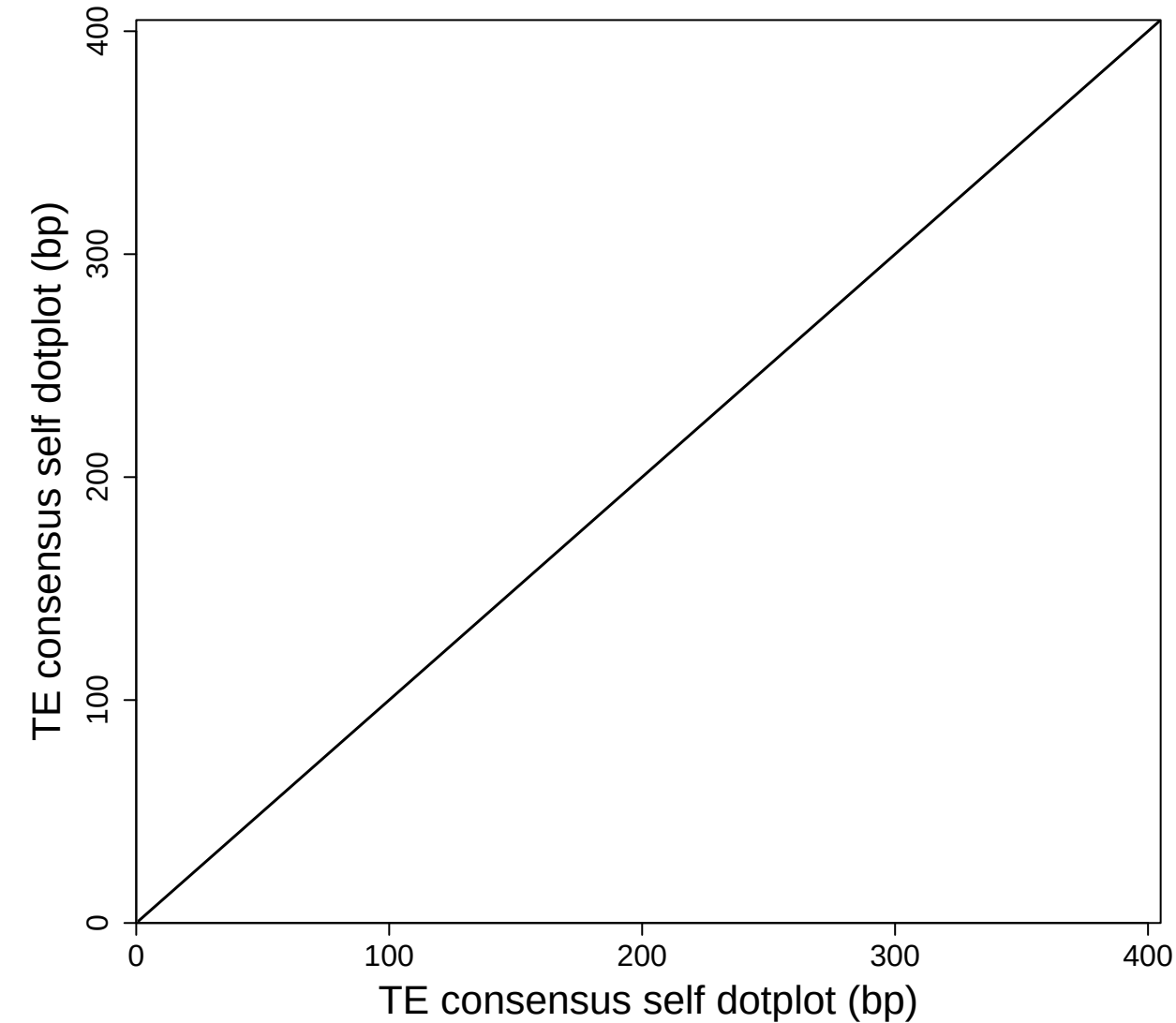
After TEtrimmer Extended plot Blue lines are boundaries



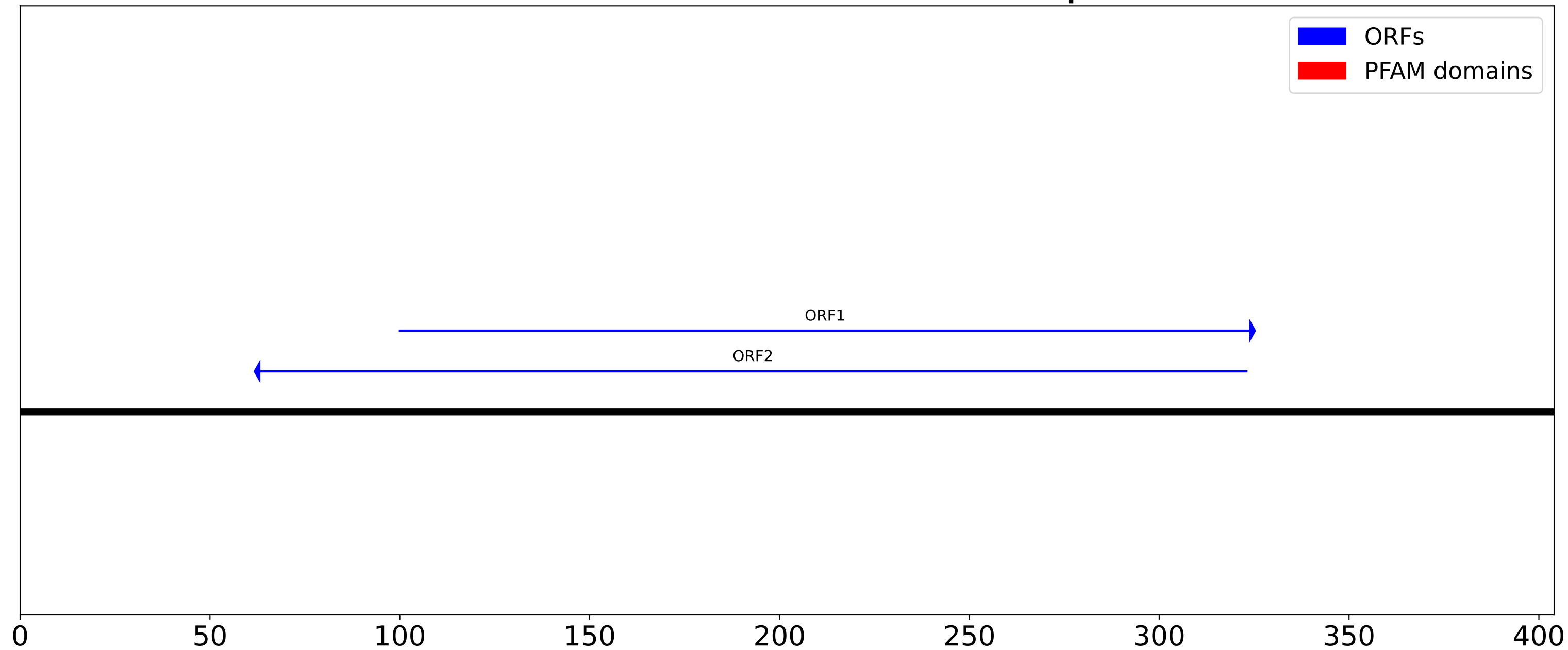
TE: ltr_1_family_42
size: 405bp; fragments: 276; full length: 52 (≥ 364.5 bp)



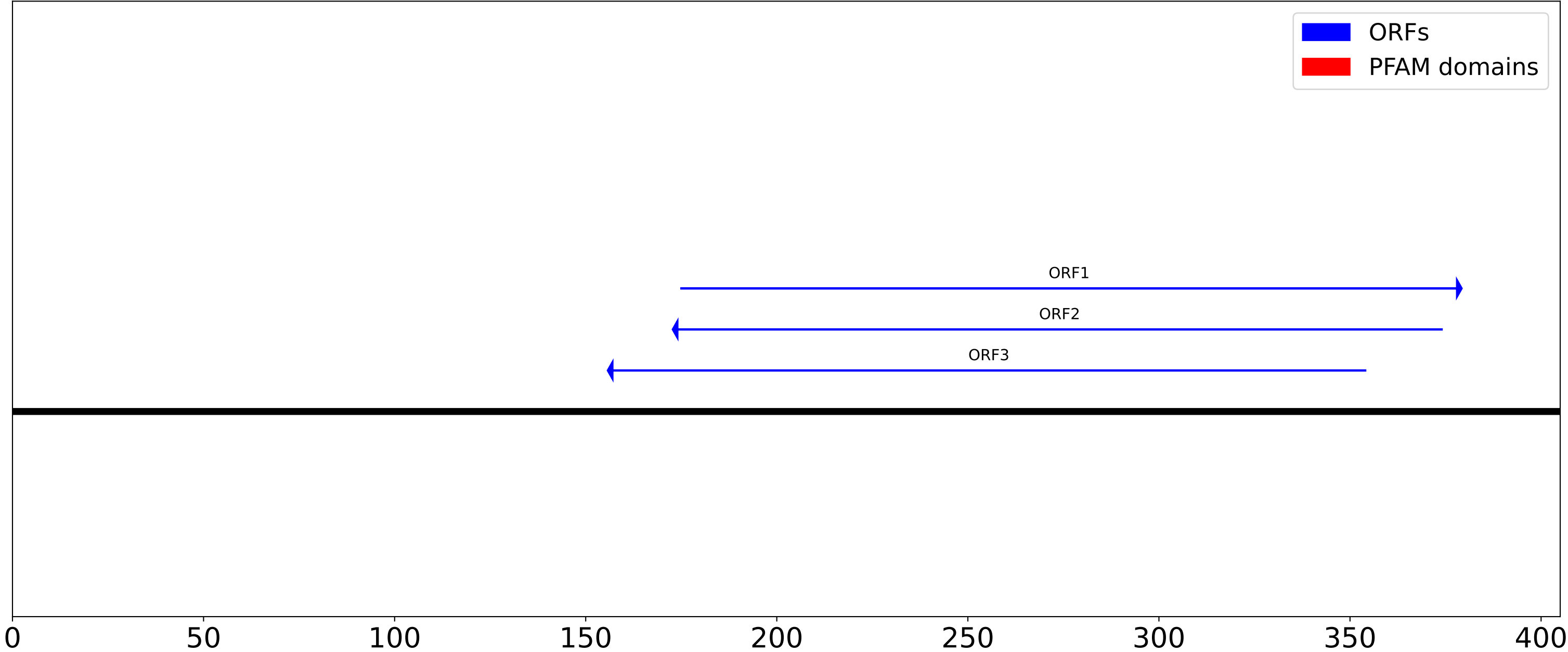
Before TEtrimmer 405 bp



After TEtrimmer ORF and PFAM domain plot



Before TEtrimmer ORF and PFAM domain plot



Dotplot

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

