

Start crop Point

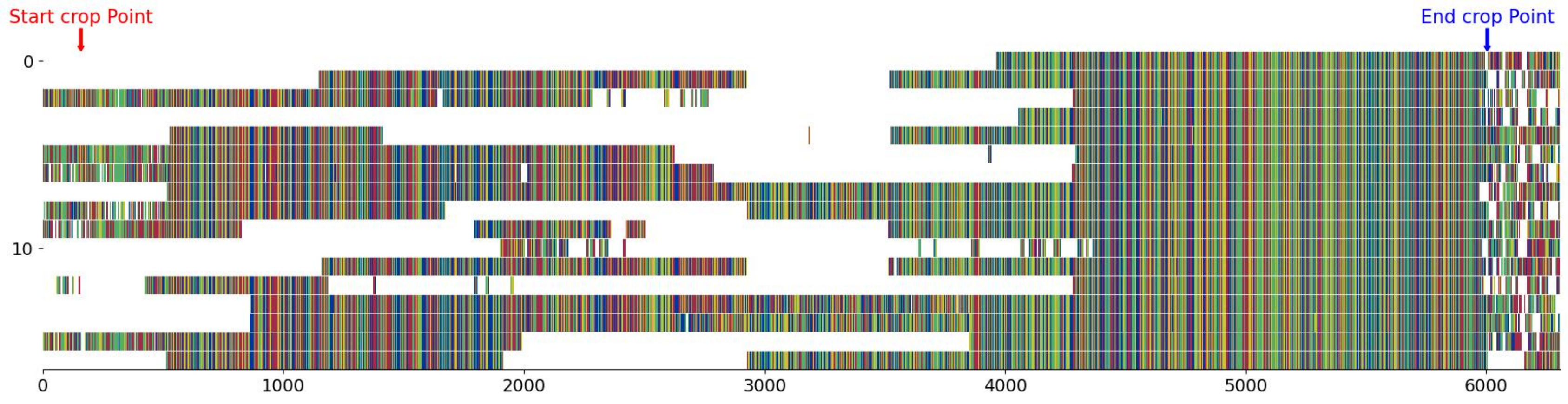


MSA length = 5846

End crop Point

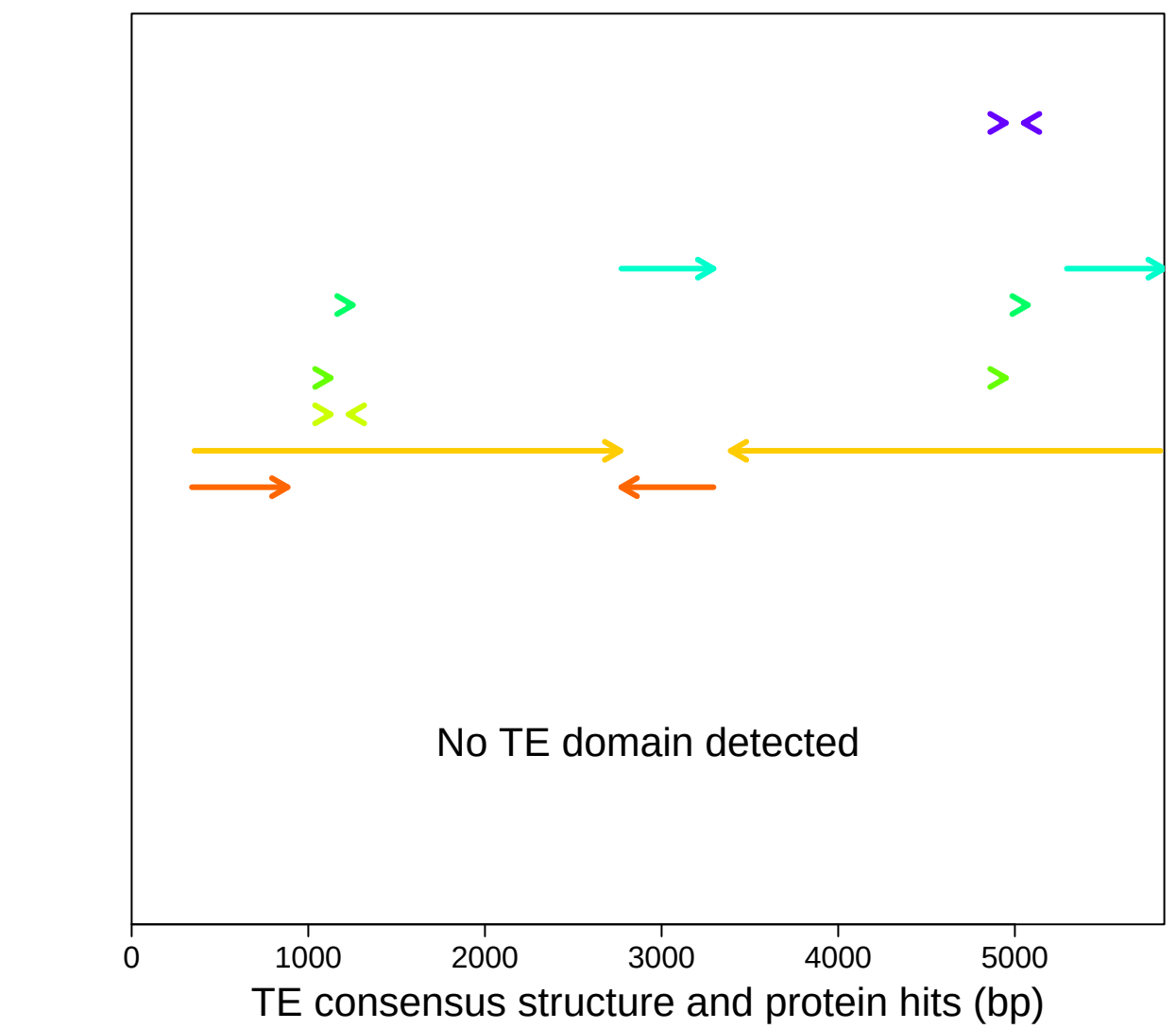
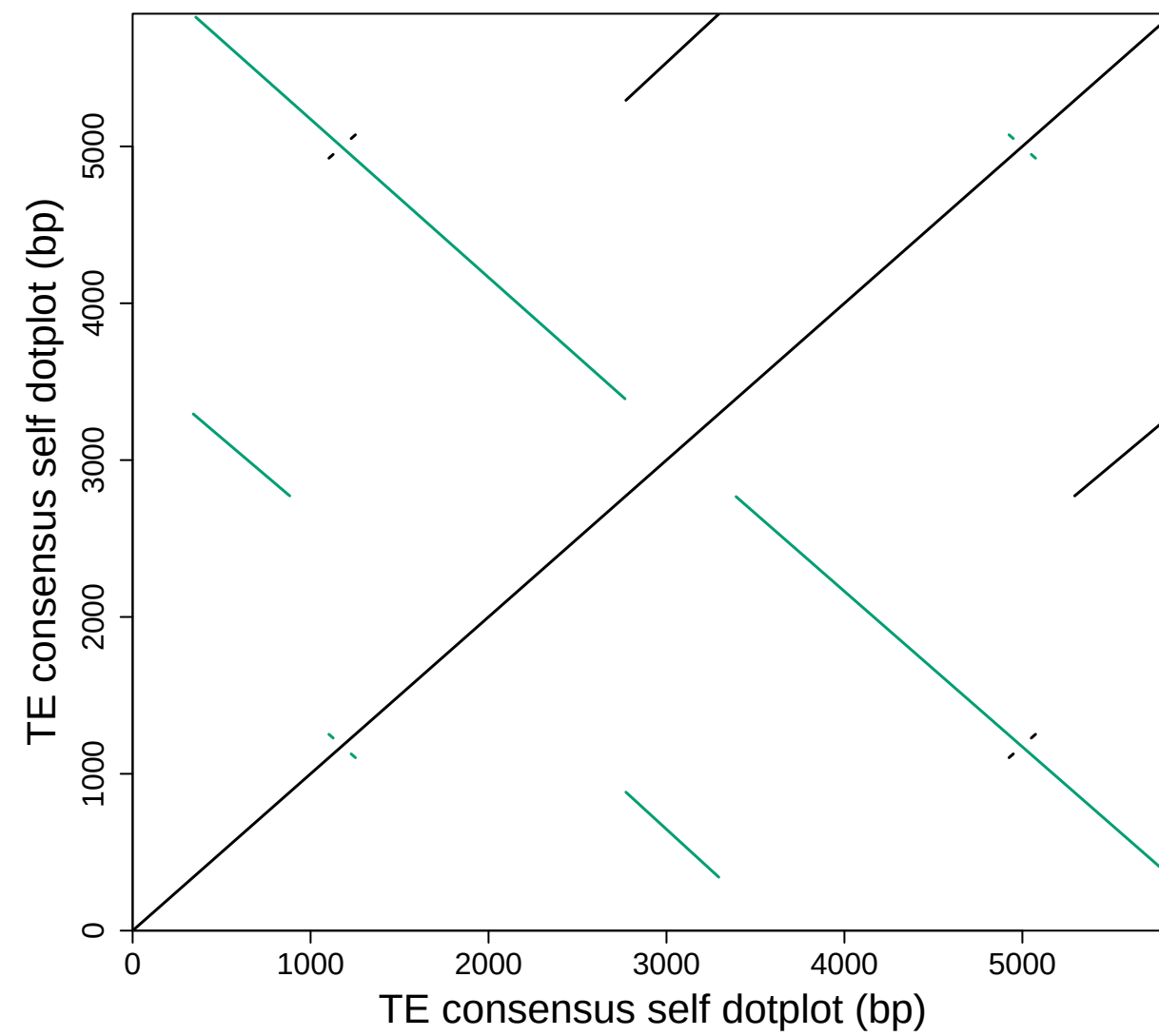
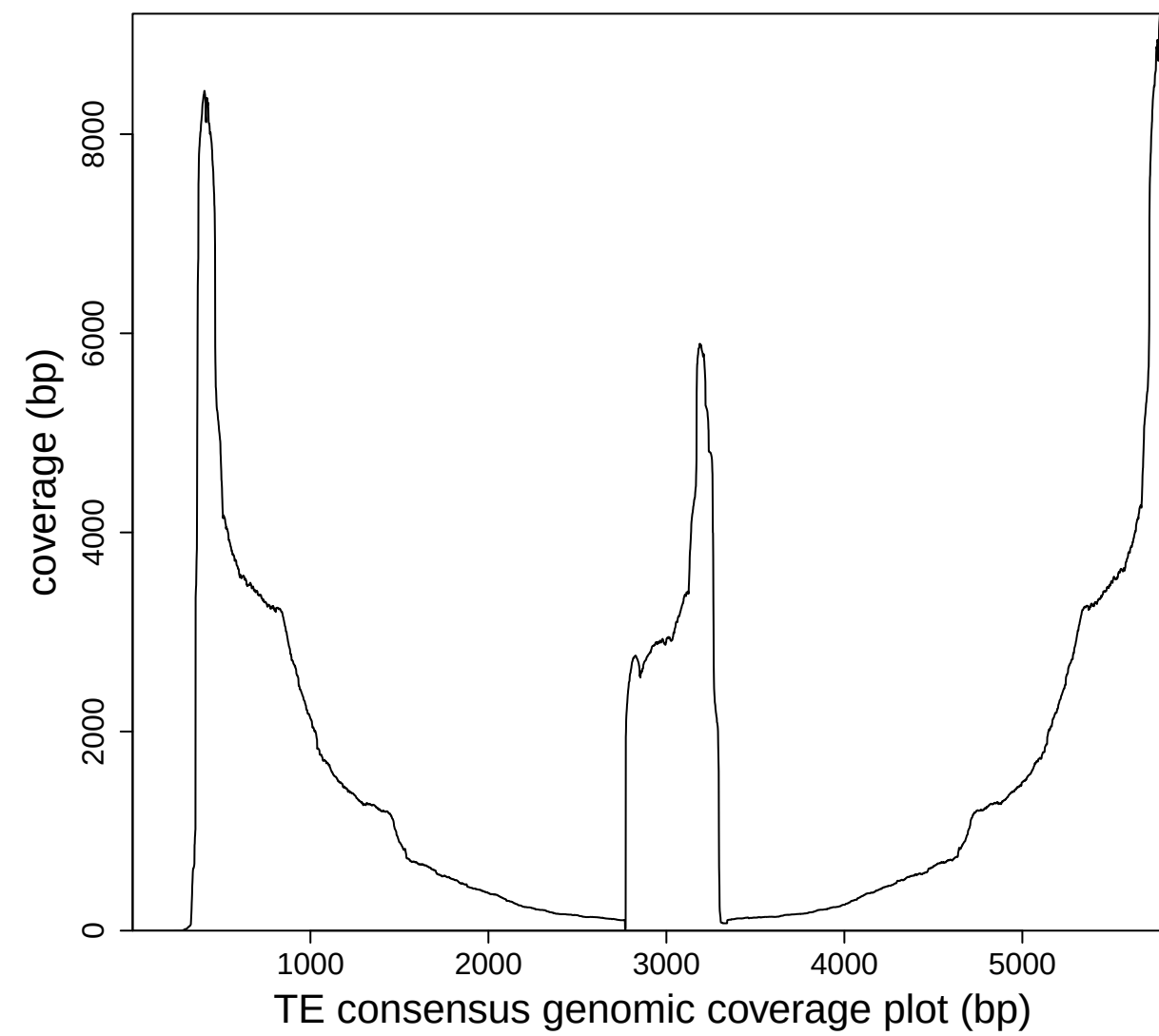
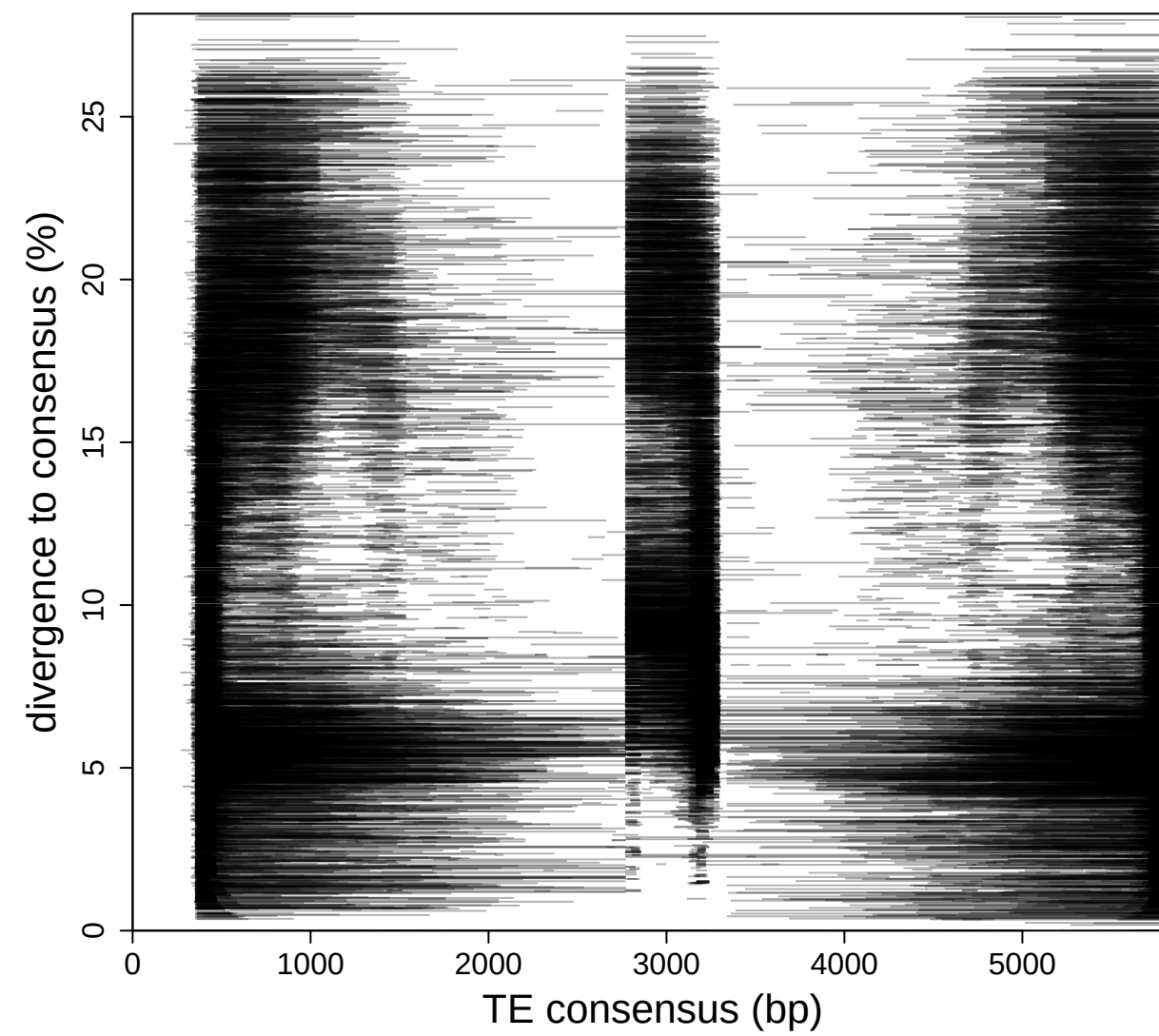


-----ATTCTTTTAGTATCAATGTATAATAATCATTATGATTTT-----AACTATTAGTTTTAGTCAATTC-AAAAATCTCTAATGGACTCTCTATAACA
-----ATTCTTTTAGTATCAATACTGAATCATTGTCTACCACATTCAAAGAAA-----TCAATCTGTGTC-
ACTTTTCGAGGTTAAACATTTTTTTAGGAGCAAATAATTGATATTTAAGTTTAAGTGAATTACTTATGATATAGTTATAGAATATTGTAATCAATTTTAA-----ATTCTTTTAGTATCAATTGTAGA-----ATTTACAACA-----ACCTT-----TTCACAATTTAT--AAGCGTC-----ATCTTAAATGTTCCG
-----ATTCTTTTAGTATCAATACT-----TTTATAGCTTATCACAATTC-----ACGGACTCTTTCAAATCAATT--GGATTT-----AACCTATTATTATC
-----ATTCTTTTAGTATCAATACTGAATCATTGTCTACCACATTCAAAGAAATTTTAAATGCTCAAAATGCTTCCCTAAGGGCTTCTAAAAATTTTTCGTTTCA
AATTTACTAGGCTAAAGGTACTTTCCATAAACAAATAAATTAGATTAAAGTTATAATAAATTAAATTATGGTATAATTATAGAACAAAATAATCGATTATAA-----ATTCTTTTAGTATCAATACTGAATCATTGTCTACCATATTCAAAGAAATTTGGAAATAAATTCAGGCTAC-AAAGAAATTCTAAAAAGCCCATATTTCCTT
AACTTA-----TAAAATAT-----TTAGAAAAAAATAAATTATATTTAAGGTAAAAATAAATTAAATTACGGGTAT-ATTACATAATTATGTAATCAATAATTAA-----ATTCTTTTAGTATCAATACTGAATCATTGTCTACAACATTCAAAGAAAAATATCT-CTTCTTCCATTTCTTCT--AGAGTCC-----TCTTGGATGTTCTC
-----ATTCTTTTAGTATCAATT-----ATGTTTCAAACATCTACC-----ACTTTTA-----TTTATTGTTT-
AATTTGCTAGACTAACCCATTTCTCATAGACGAATAAATTCTCTCTAAGTCAAAATAAATTAAATTGTAGAATAATTAT-----AATGTAAT--GTTTACA-----ATTCTTTTAGTATCAATACTGAATCATTGTCTACCACATTCAAAGAAATTTAAAA-----GTCATTGTGCACA
AATTTA--GGCTAAAT-----AAATAAACCT-----TAAAATAAATTAAATTAT-----TATTATAGAAT-----TATTCACCTTTAA-----ATTCTTTTAGTATCAATACTGAATCATTGTCTACCACATTCAAAGAAATTTAATCATATTTATTAAACATTA-AA-----AATTTTATAAATAATA
-----ATTCTTTTAGTATCAATATAAAATCCT-----GA-----TATACTGTTTTGCAAAAAATAGCAAAGGCTTTAAAAATATCCATTTTAGCCT
-----ATTCTTTTAGTATCAAGATTGAGTTCTTCTTTAAAACATGT-----AAAG-TATCCAACAAGTTTAC-----AATCCCTTTATTCT-
-----AAAATGT-----TC-----TGTTTA-----ATTCTTTTAGTATCAATGCTAA-----TCGTATGCGT-----TCCGGATACGGT--AAGGTTG-----ATTATG
-----ATTCTTTTAGTATCAATACTGAATCATTGTCTACCACATTCAAAGAAATTAATAATCAATCTTTAAATCTAA-AAGGGA-----AAATCTTTATAAATTA
-----ATTCTTTTAGTATCAATACTGAATCATTGTCTACCACATTCAAAGAAATTTGGAAATAAATTCAGGCTAC-AAAGAAATTCTAAAAAGCCCATATTTCCTT
GTTATAATAGGCTAAGATATCATACATAGACAAAAGGAAT-ACAATAAAAT-----TATGGTATAACCTATAGAATAATGTAATCAATTTTAA-----ATTCTTTTAGTATCAATACTGAATCATTGTCTACCACATTCAAAGAAA-----ATGGTTAAAAATACTTGC-----GGGACAACCTGTATAC
-----ATTCTTTTAGTATCAATACTGAATCATTGTCTACCACATTCAAAGAAA-----



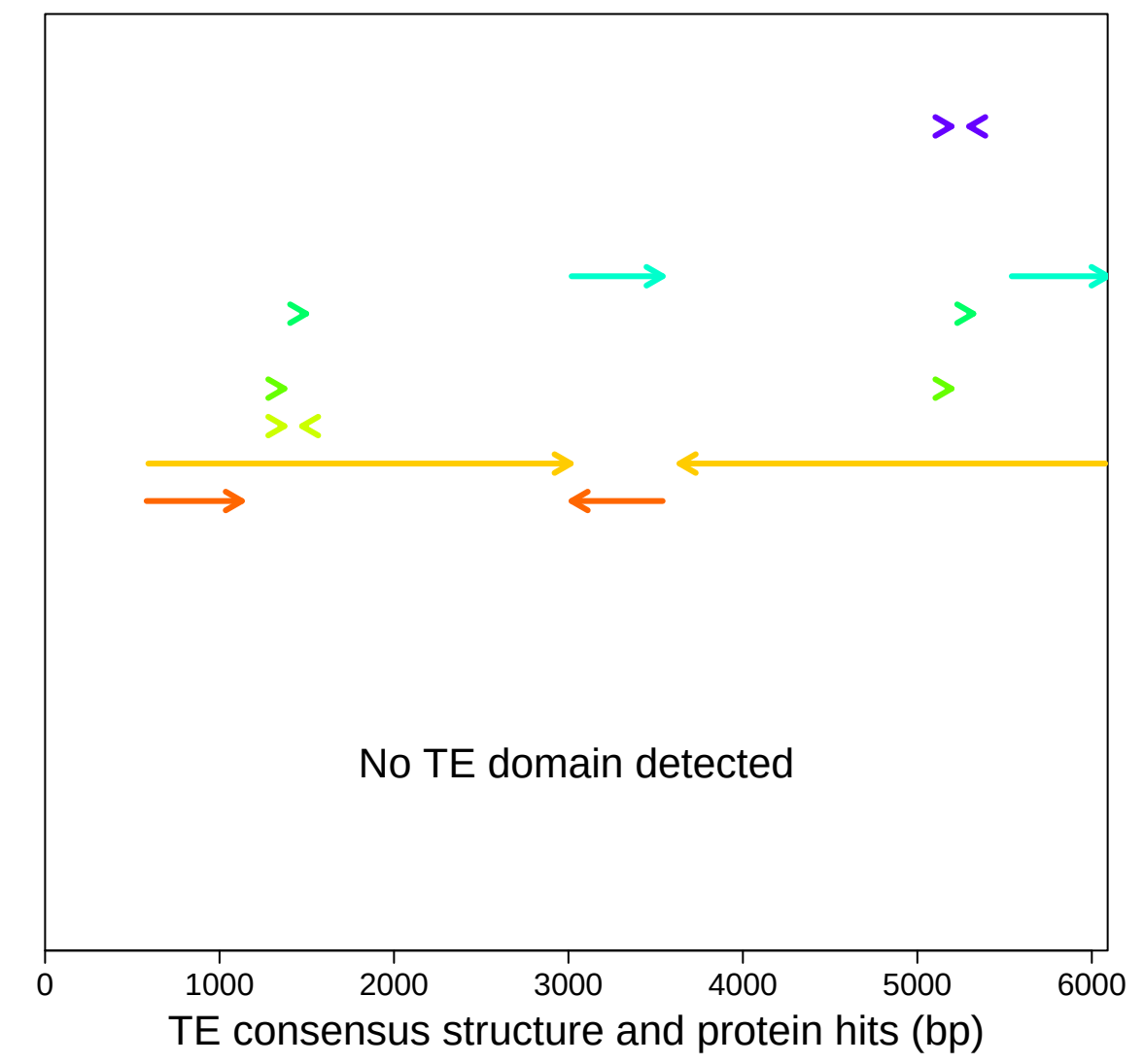
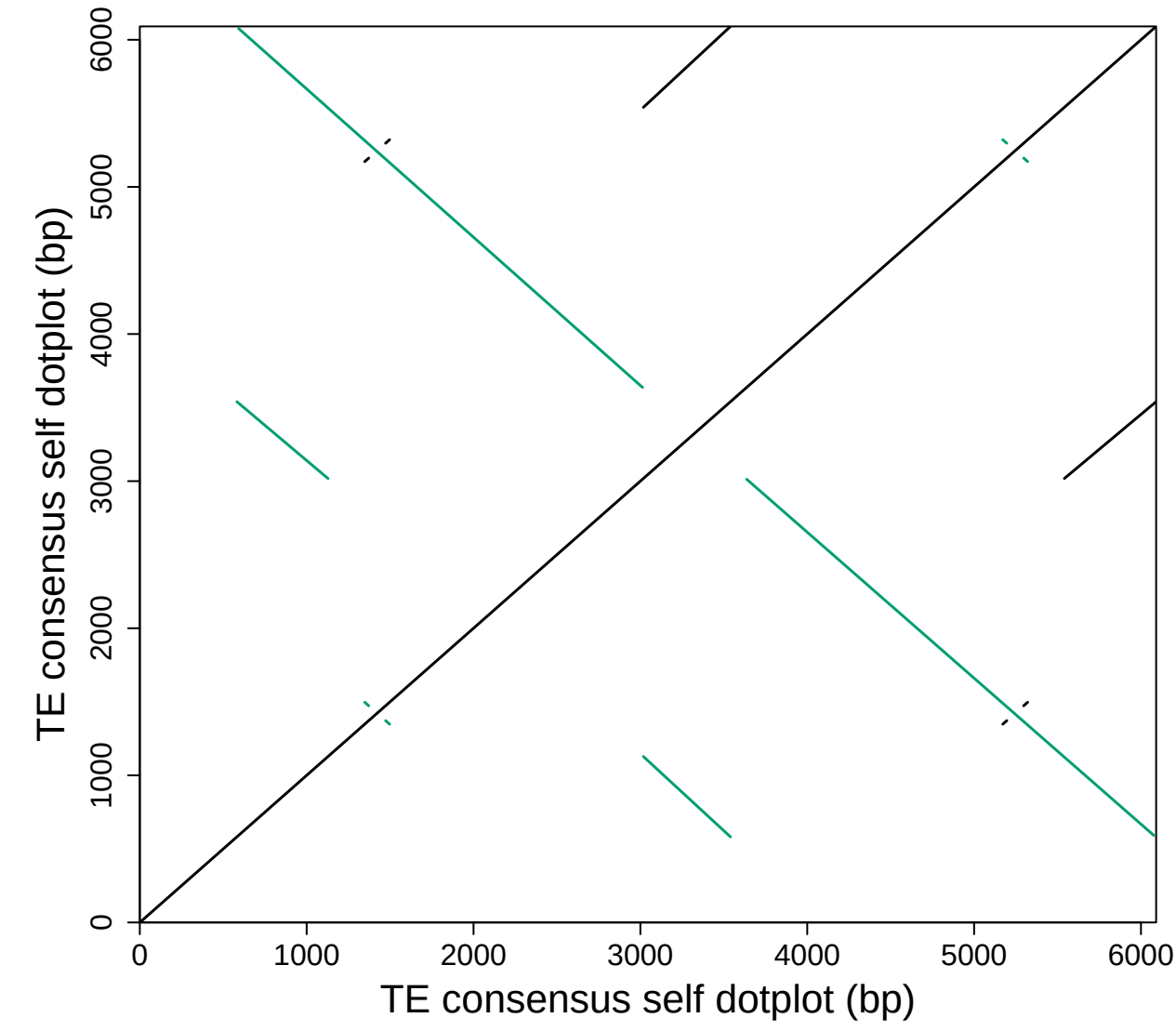
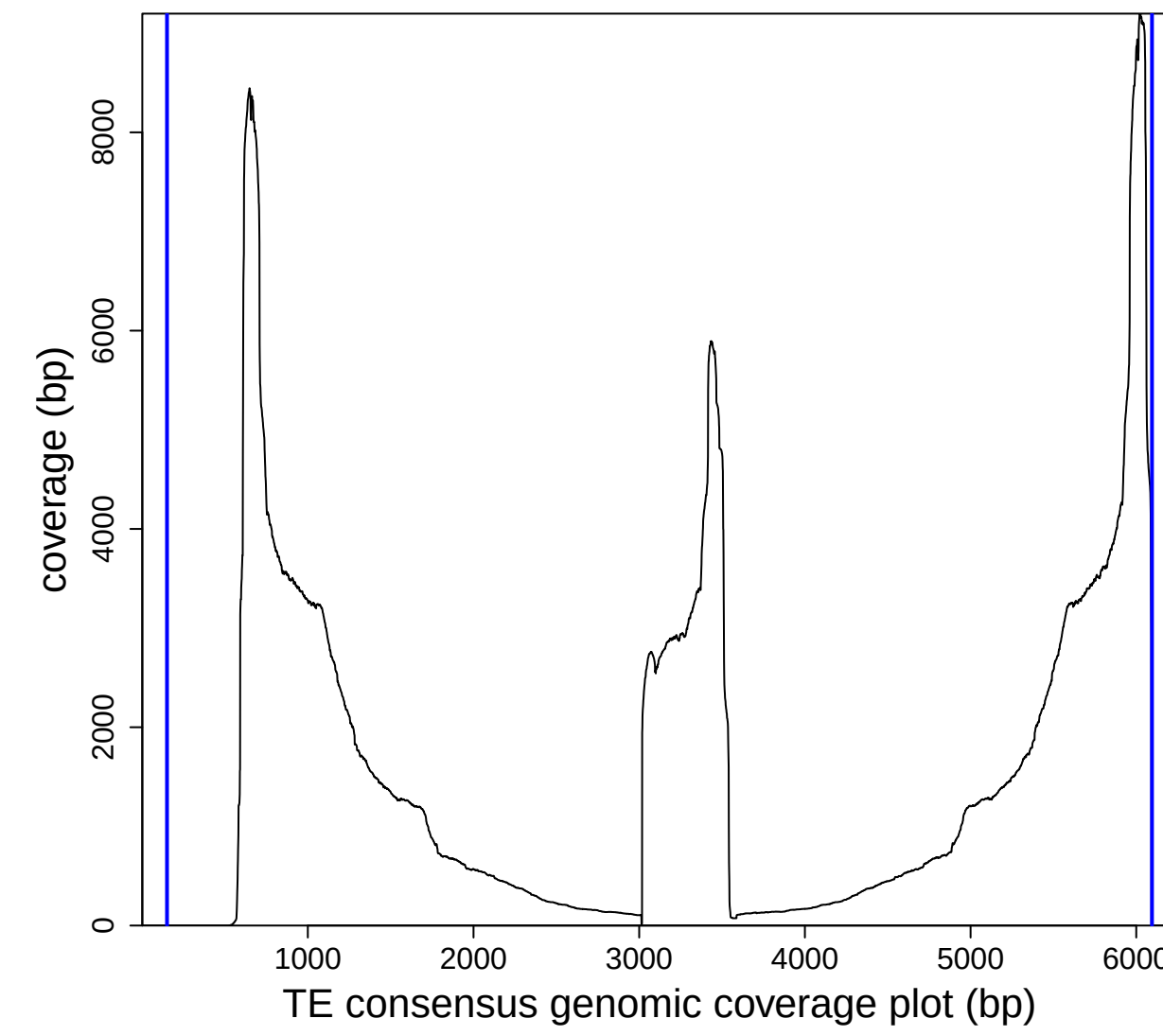
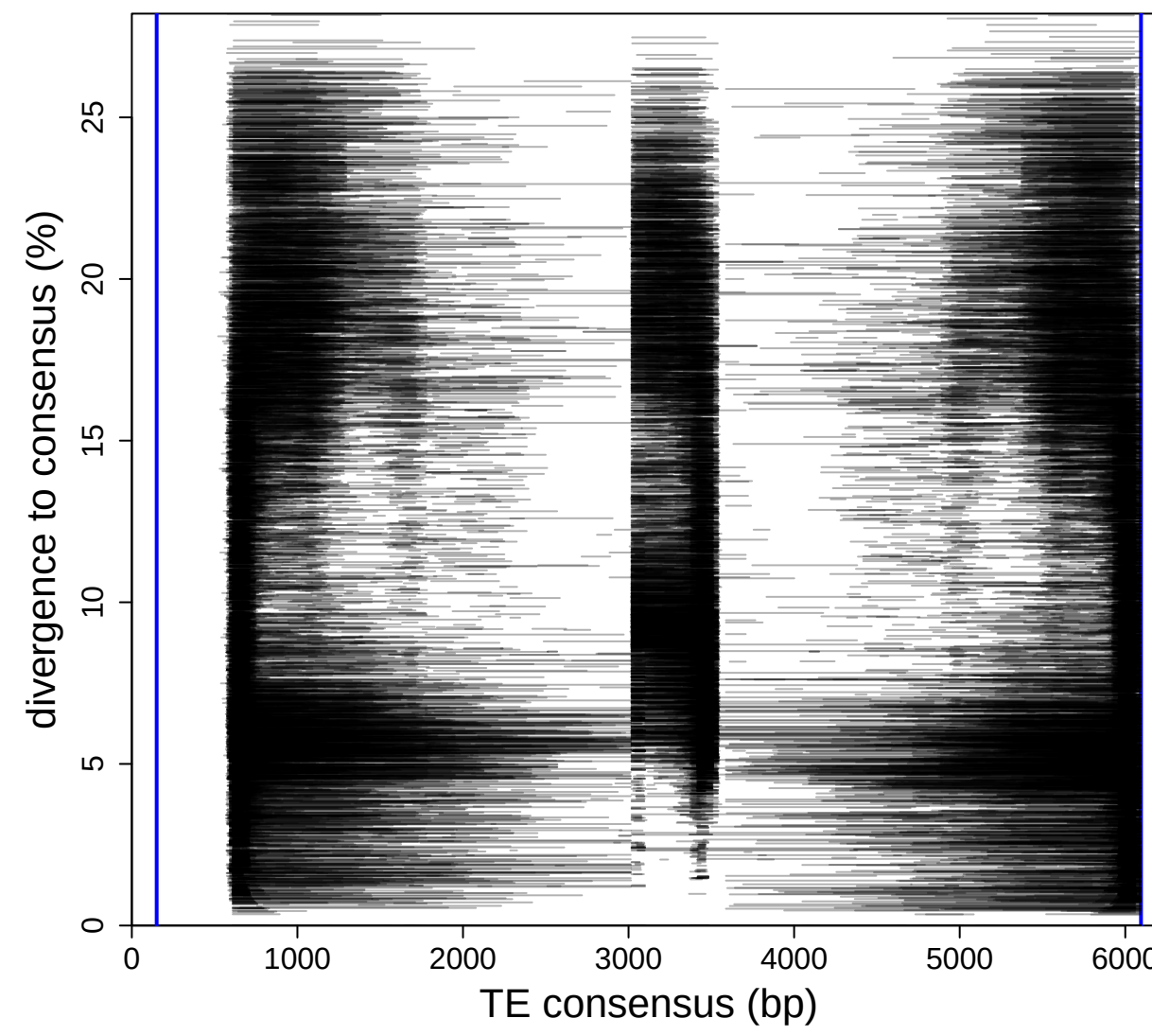
bed uf.bed g 1.bed fm 1.bed 0 0 bcln.fa aln.fa cl.fa gs.fa c
size: 5846bp; fragments: 32188; full length: 0 (>=5261.4bp)

After TETrimmer 5846 bp



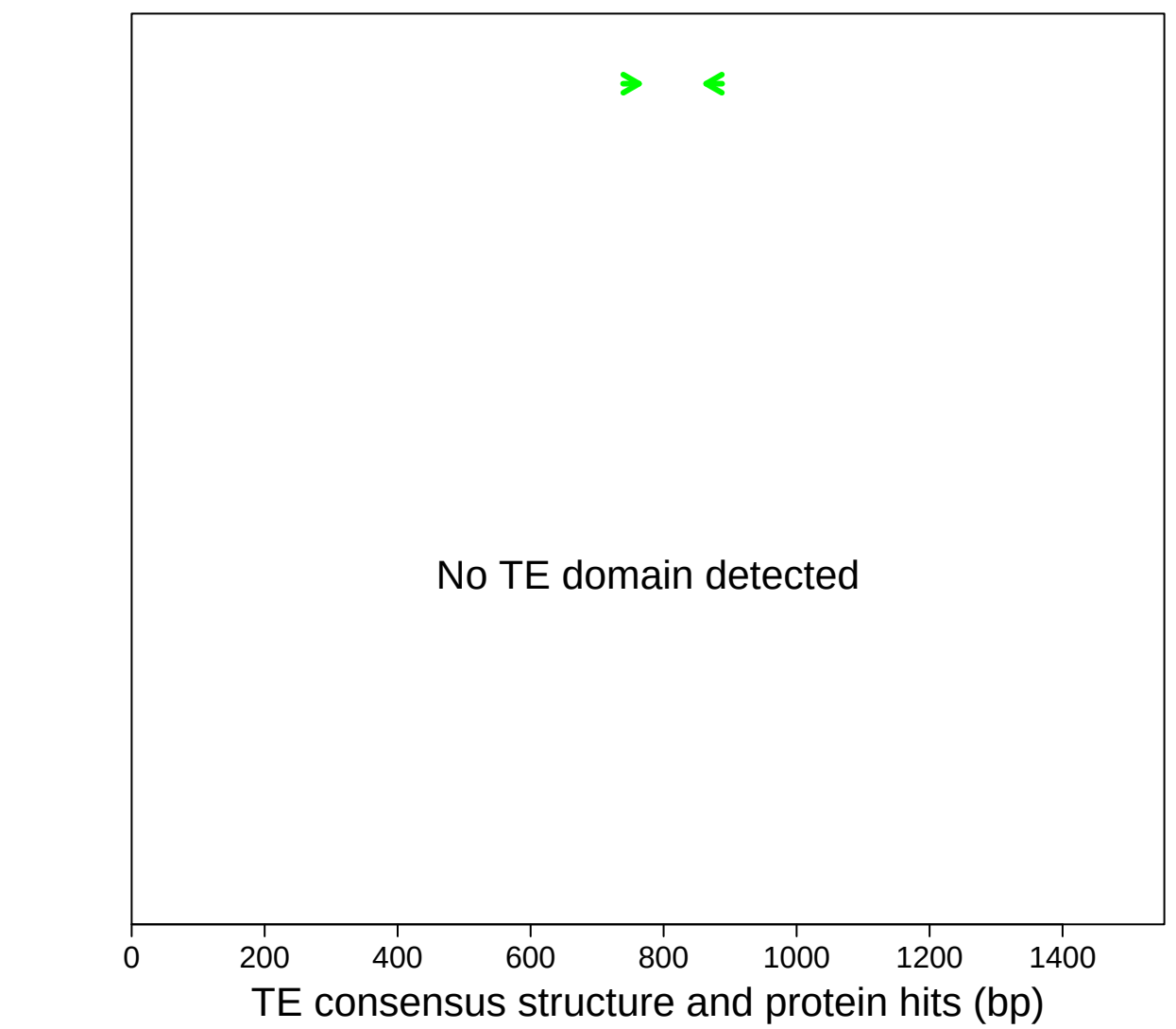
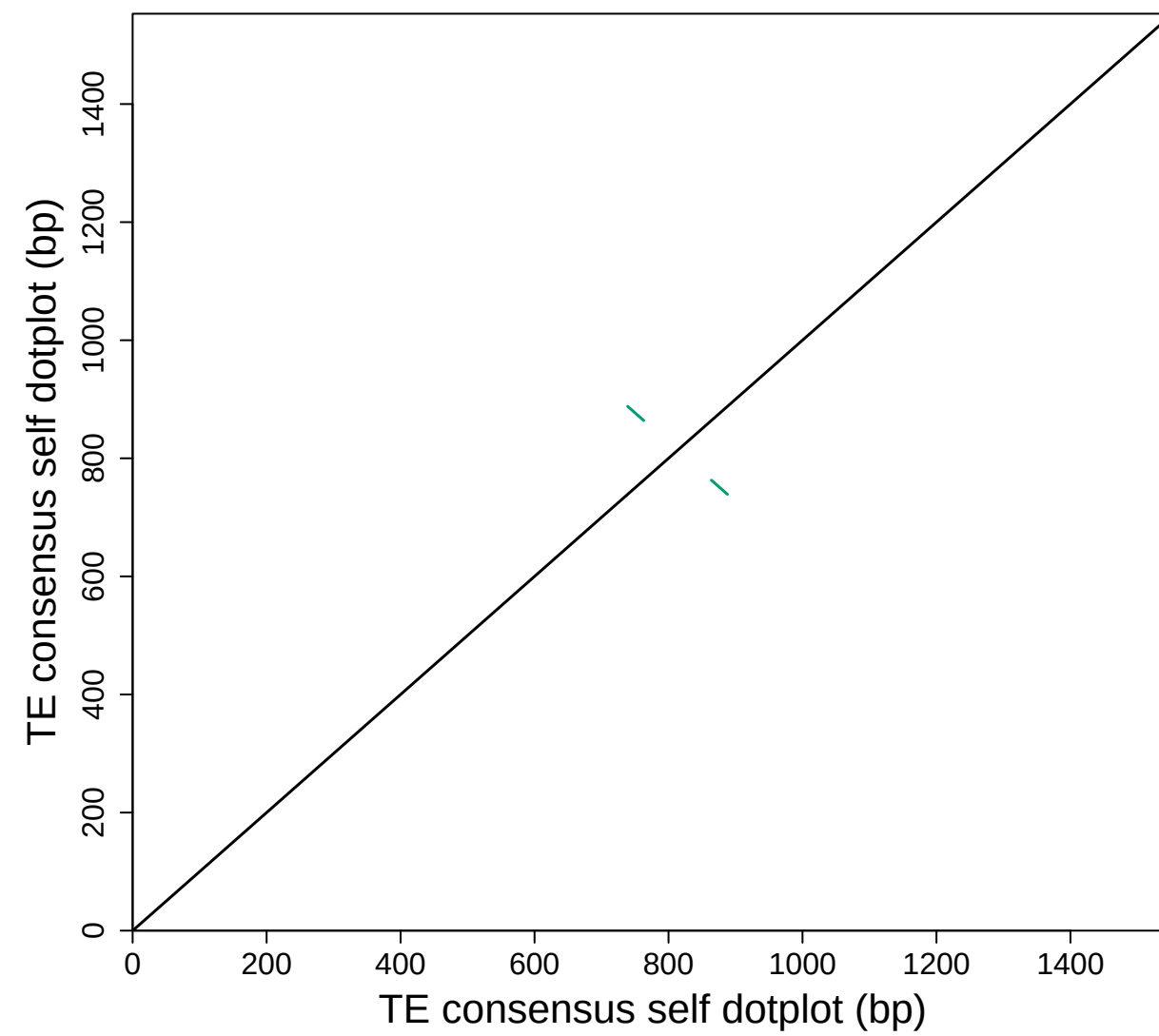
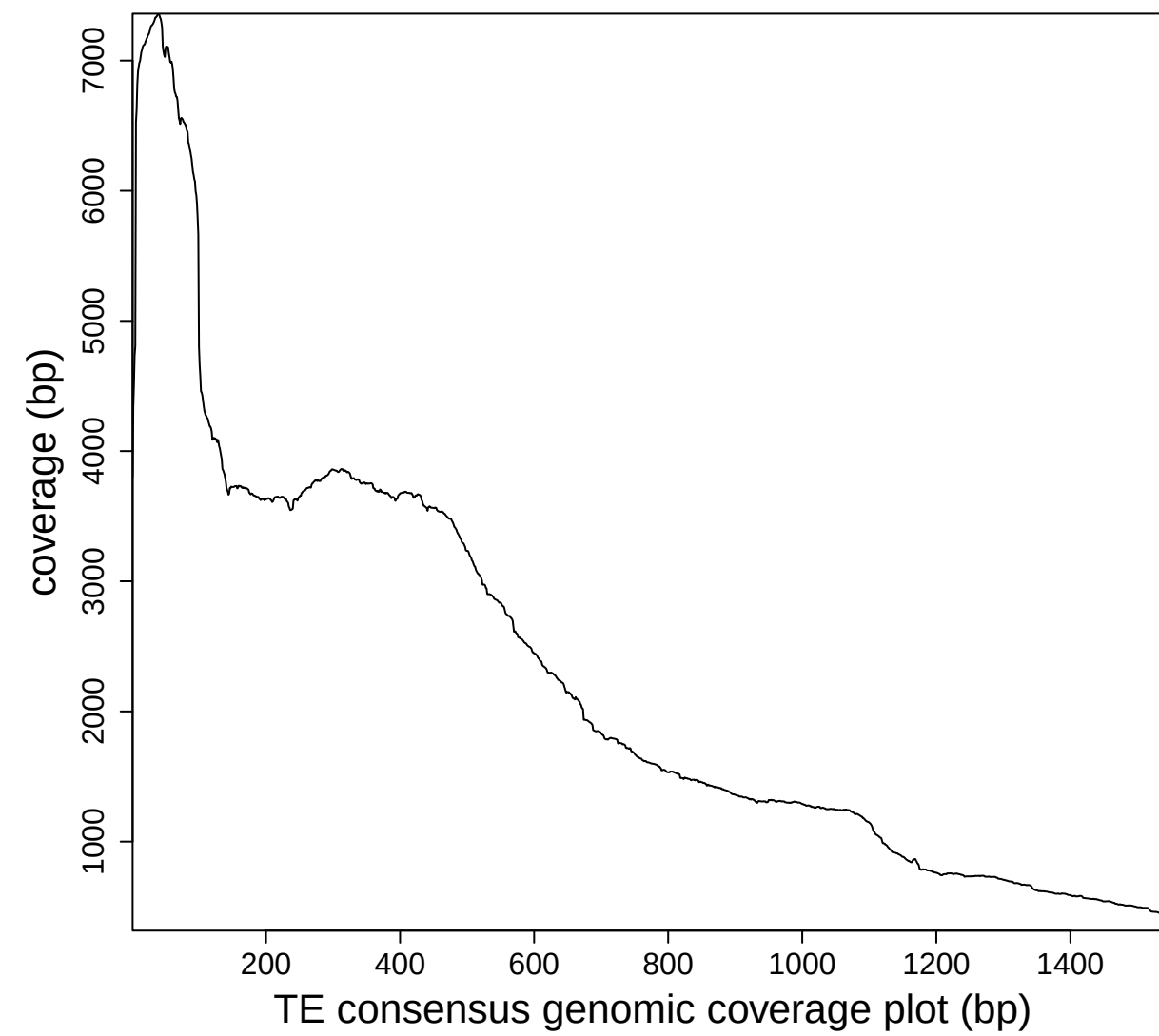
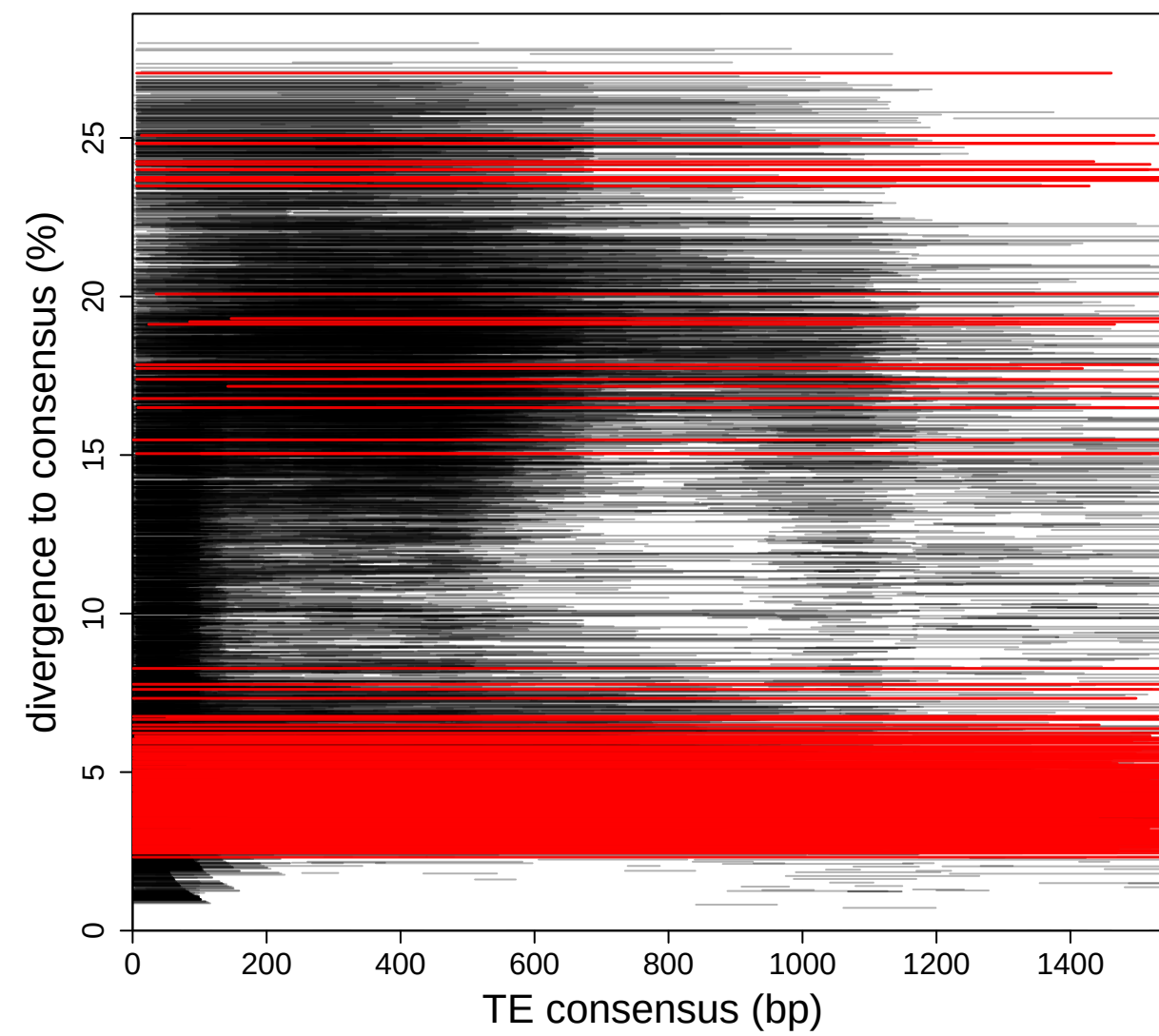
asta.b.bed_uf.bed_g_1.bed_fm_1.bed_0_0_bcln.fa_aln.fa_cl.fa_c
size: 6245bp; fragments: 32210; full length: 0 (>=5620.5bp)

After TEtrimmer Extended plot Blue lines are boundaries

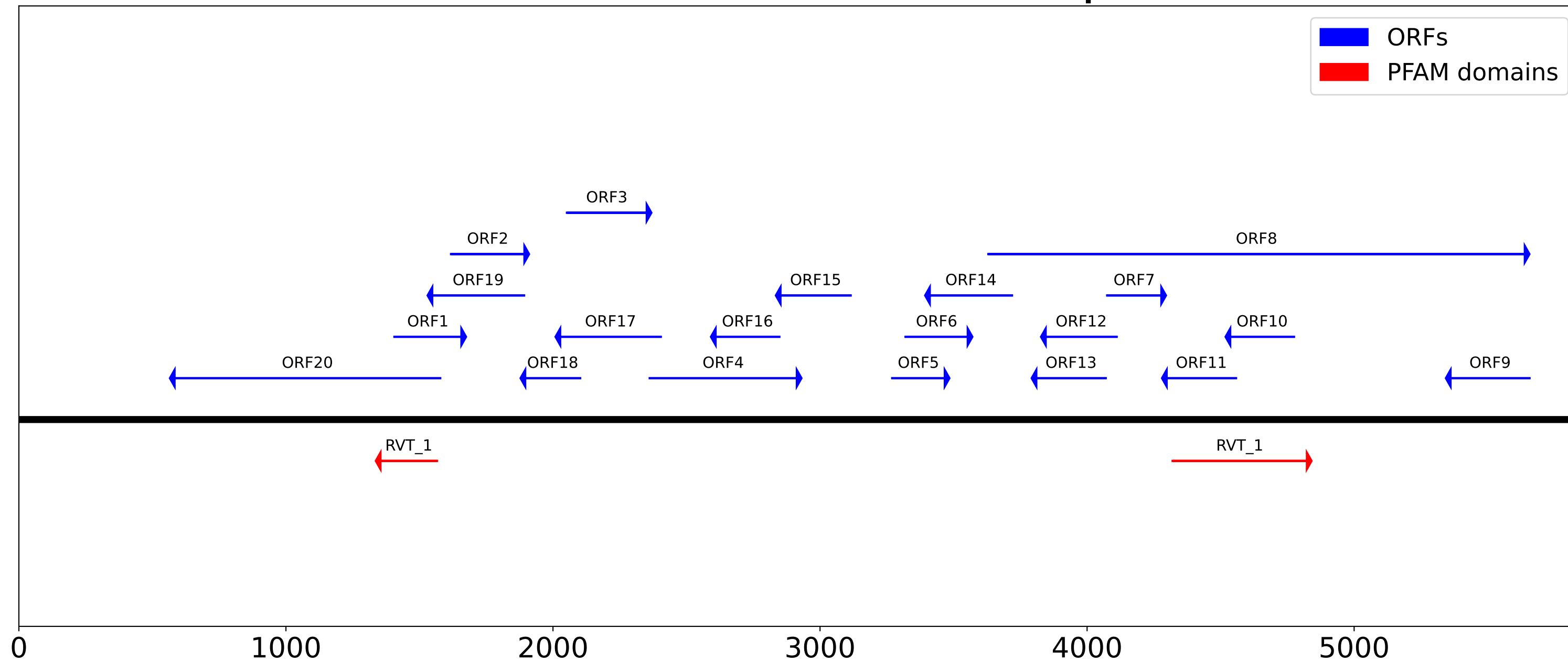


TE: rnd_4_family_2225
size: 1553bp; fragments: 10883; full length: 282 (≥ 1397.7 bp)

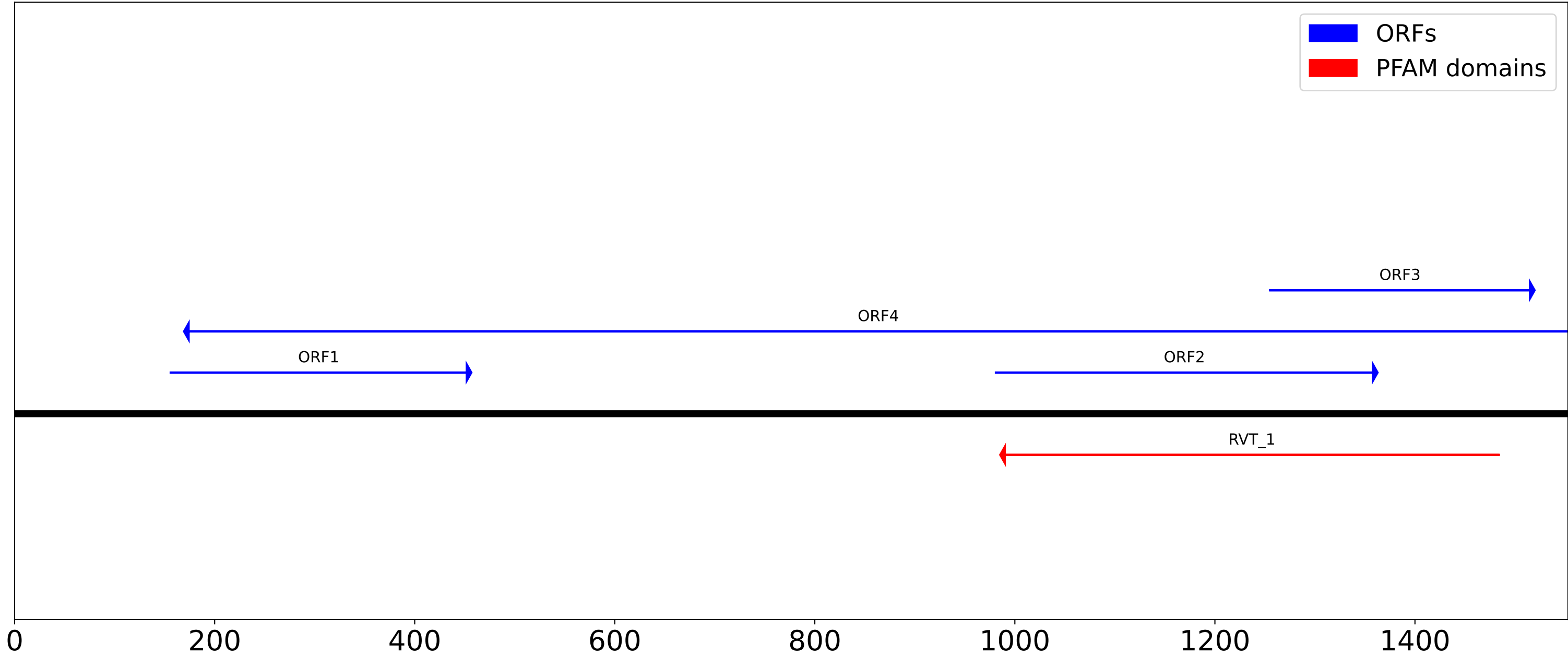
Before TEtrimmer 1553 bp



After TEtrimmer ORF and PFAM domain plot



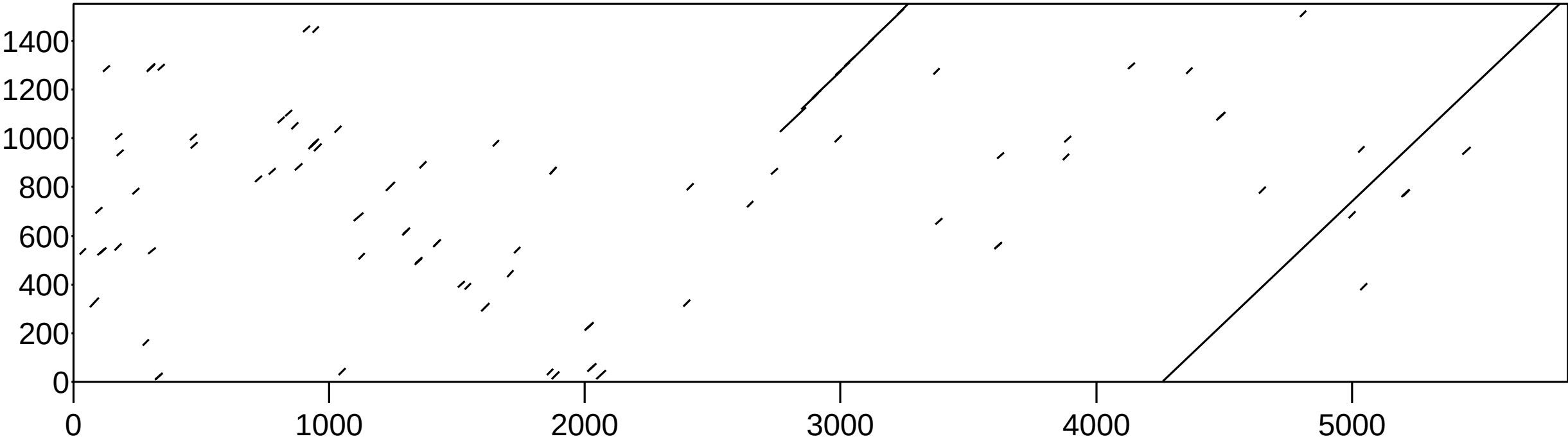
Before TEtrimmer ORF and PFAM domain plot



Dotplot

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

consensus before TEtrimmer (bp)



TE consensus after TEtrimmer (bp)