

Start crop Point

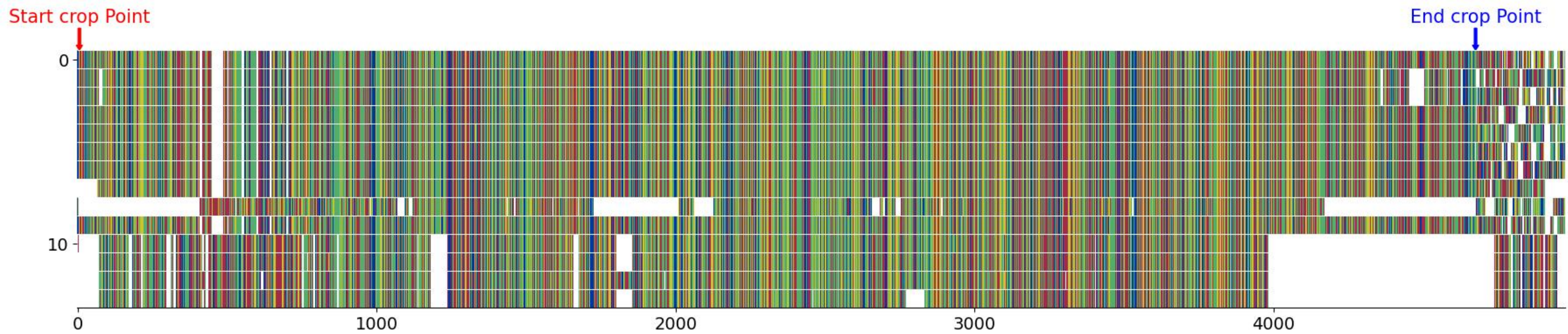


End crop Point



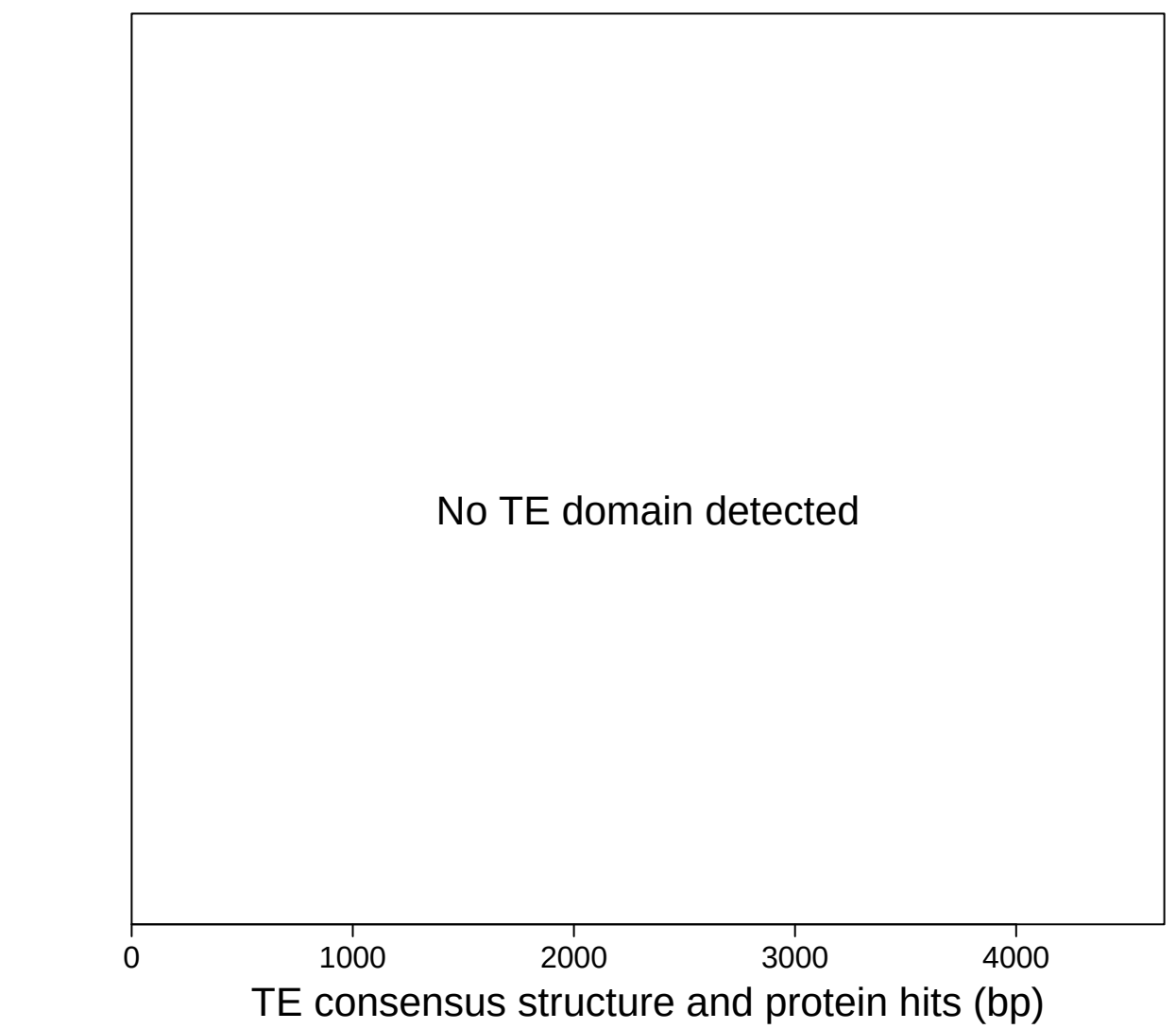
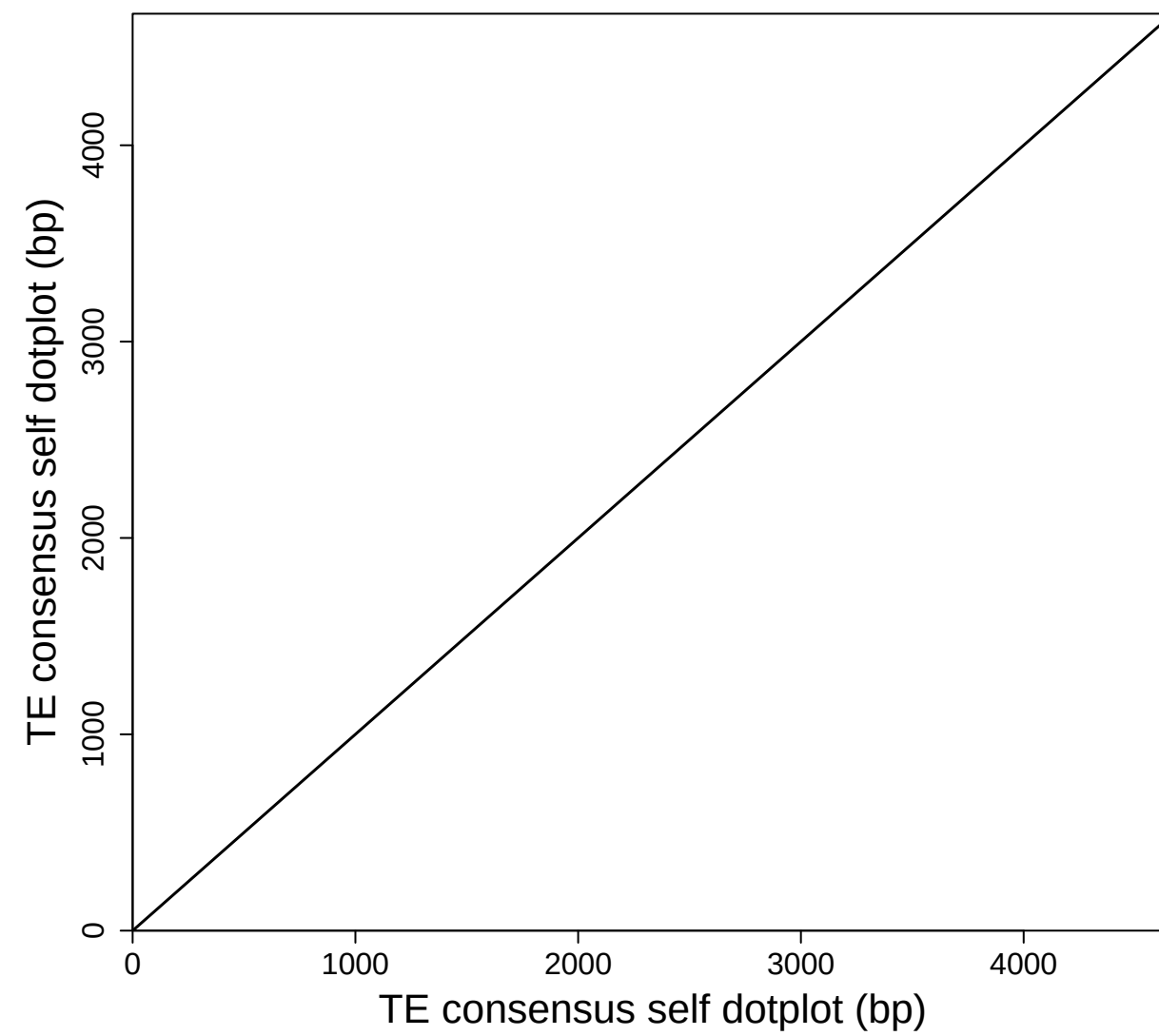
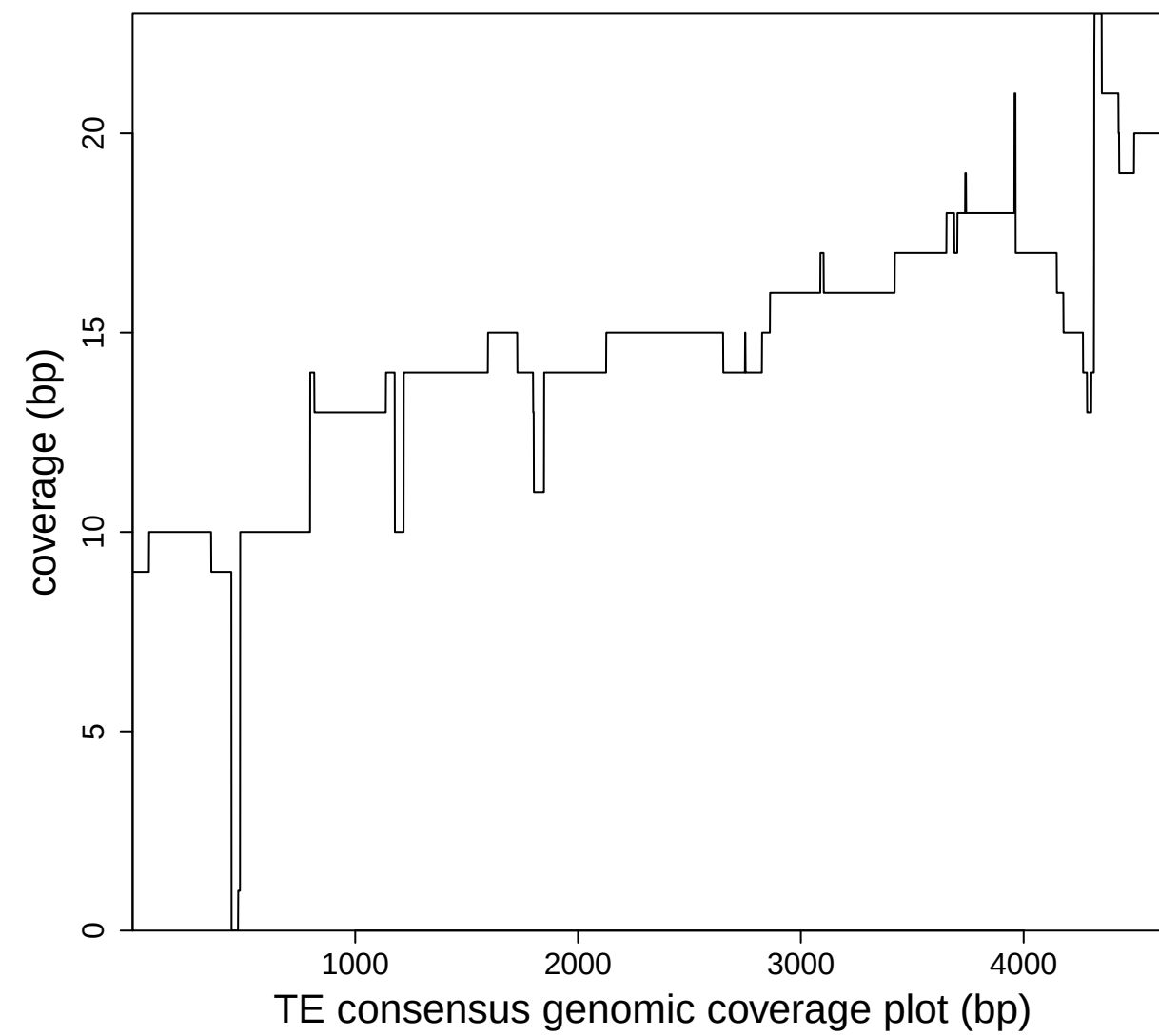
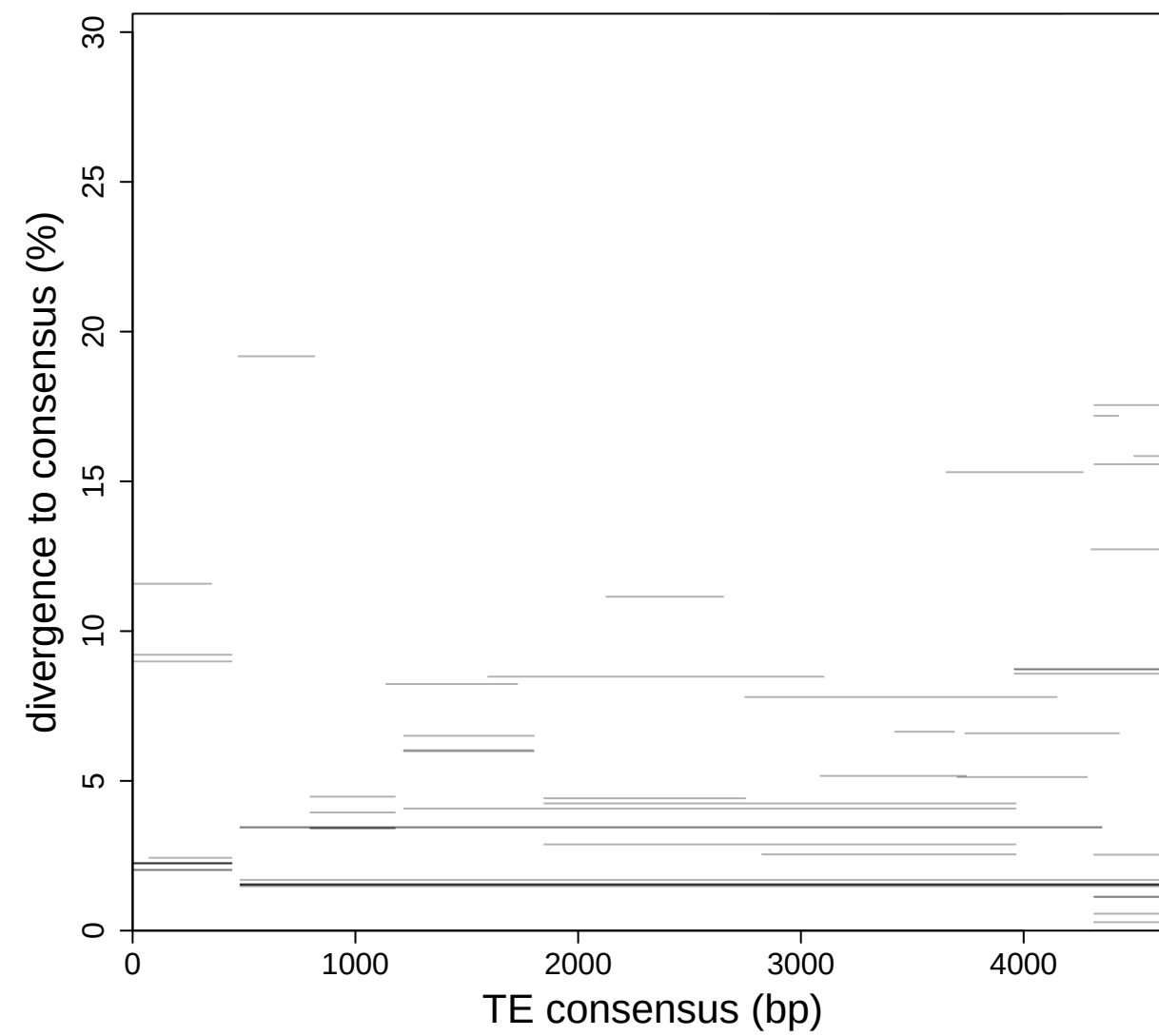
MSA length = 4670

GCCGCGTGGATTGTGTGAATTTAAAAACTTAAACCAAGGACGTAAACGATTTTGGG - - - - - AACGAATAATAAGTCTTTGGCCCCTCACAAATTCCCGCAAATACTCCAACATAAAGTTTATTATTATATTTTCA-AGAAATTCTATTTCTTGATTTCCTTTGG
ACCGCGTGGGTTGTGTAAATTTAAAAA-TTAAACCAAGGACGTAAAAAGATTTTGGG - - - - - AAC - - - - - CCCGTCTTTGGCCCCTCACAACTCCCGTAAATACTCCAACA - - - - - AAATATAAAGGAAGAAA - - - - - TTTGATTTTATGCAATTA
ACCGCGTGGGTTGTGTAAATTTAAAAA-TTAAACCAAGGACGTAAAAAGATTTTGGG - - - - - AAC - - - - - CCCGTCTTTGGCCCCTCACAACTCCCGTAAATACTCCAACATAAG - - - - - ACTTAAAAAATTAGCAAAAGAAAACATTTGTACATTATGTCC-A
GCCGCGTGGATTGTGTGAATTTAAAAACTTAAACCAAGGACGTAAACGATTTTGGG - - - - - AACGAATAATAAGTCTTTGGCCCCTCACAAATTCCCGCAAATACTCCAACA - - - - - TTAGTTTGATAATAATA-ACTATATTTCTTTAATAACATAATTTA
GCCGCGTGGATTGTGTGAATTTAAAAACTTAAACCAAGGACGTAAACGATTTTGGG - - - - - AACGAATAATAAGTCTTTGGCCCCTCACAAATTCCCGCAAATACTCCAACATAAAATTAGACGCAGAAATAACAAAAGAAAATGTTGGGAAGAGAAATTGA
GCCGCGTGGATTGTGTGAATTTAAAAACTTAAACCAAGGACGTAAACGATTTTGGG - - - - - AACGAATAATAAGTCTTTGGCCCCTCACAAATTCCCGCAAATACTCCAAC - - - - - AAAAATTATCTAATAACAATAAAATGAATAGCCAAGACATAAGATTCTA
-CCGCGTGGATTGTGTGAATTTAAAAACTTAAACCAAGGACGTAAACGATTTTGGG - - - - - AACGAATAATAAGTCTTTGGCCCCTCACAAATTCCCGCAAATACTCCAACATGGAATCAGTCTAGTACTCTCAACCGAAAGCTCTTTTAGACAAGTGTTTTT
- - - - - T - - - - - AACGAATAATAAGTCTTTGGCCCCTCACAAATTCCCGCAAATACTCCAACATAAAATTCTCTGAAAATTAAAAAAACATGTTGATTATTAAACATAATT - - -
GCCGGG - - - - - TGCAATCGATTTCAGAAAATGGAAAGGAAATAAG - - - - -
GCCGCGTGGATTGTGTGAATTTAAAAACTTAAACCAAGGACGTAAACGATTTTGGG - - - - - AACGAATAATAAGTCTTTGGCCCCTCACAAATTCCCGCAAATACTCCAACA - - - - - AAAGTAGGTTTATCACACTT-A-AAACCTTATTTAGAAATATTTTT
-GATT - - - - -



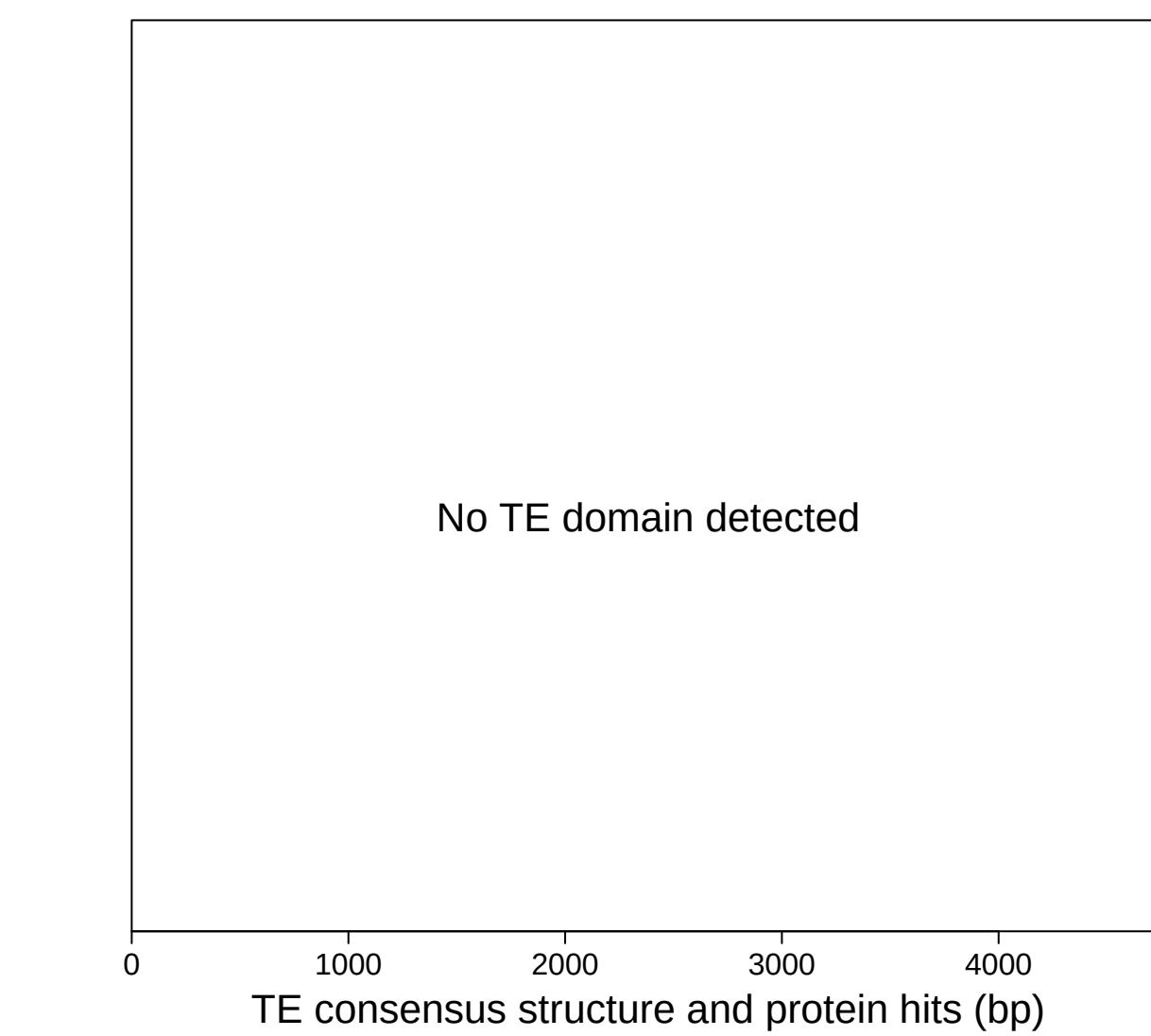
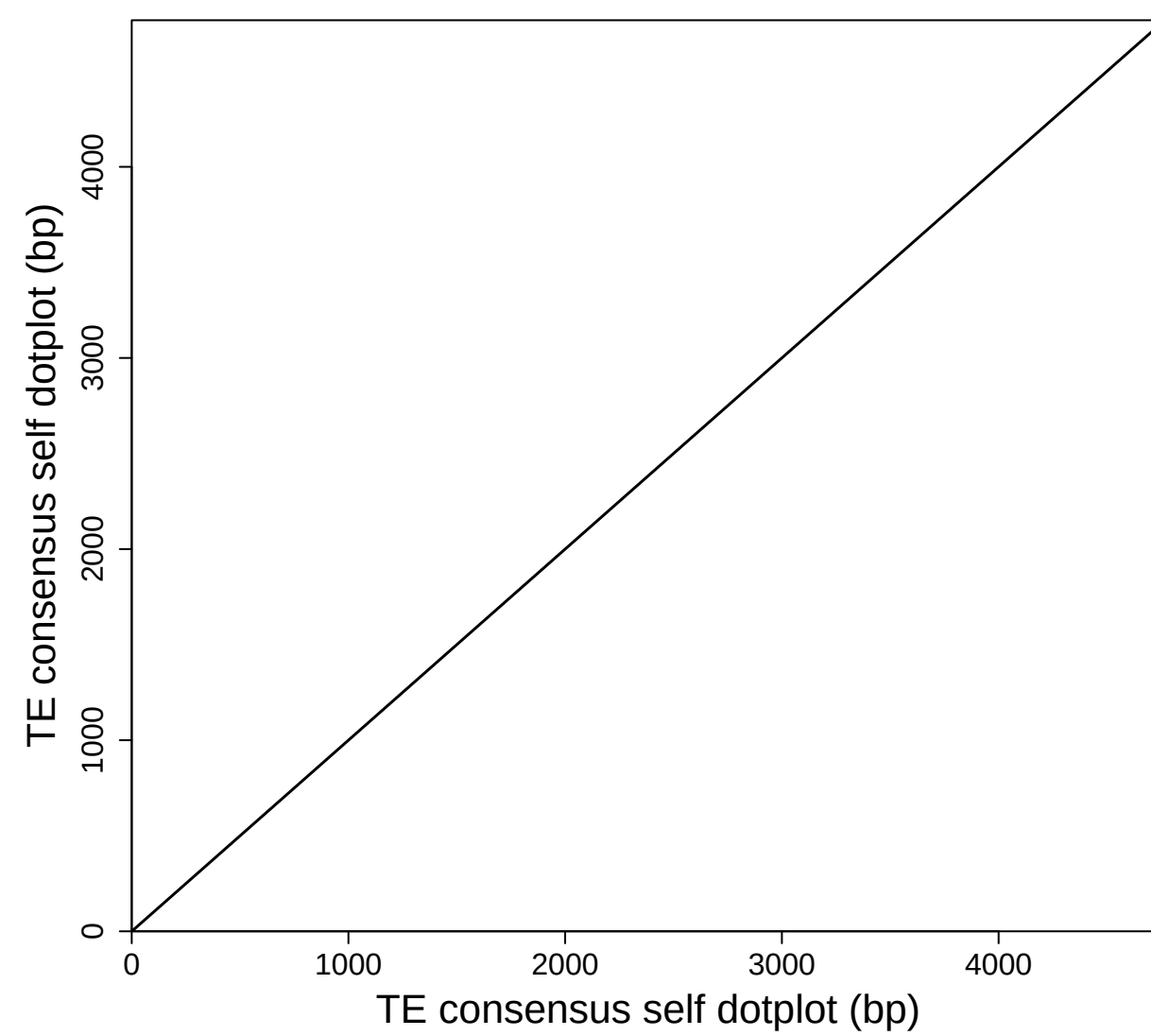
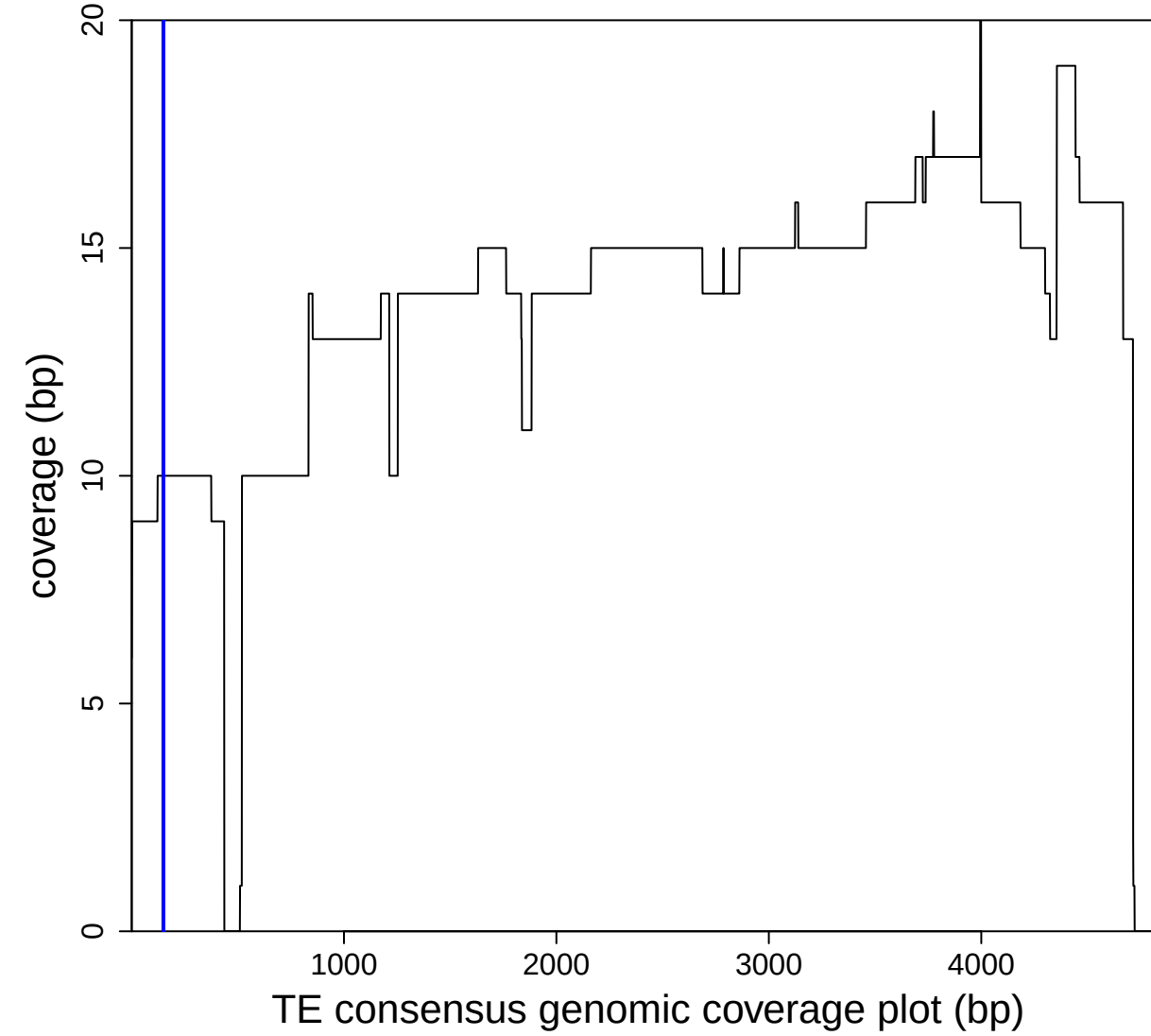
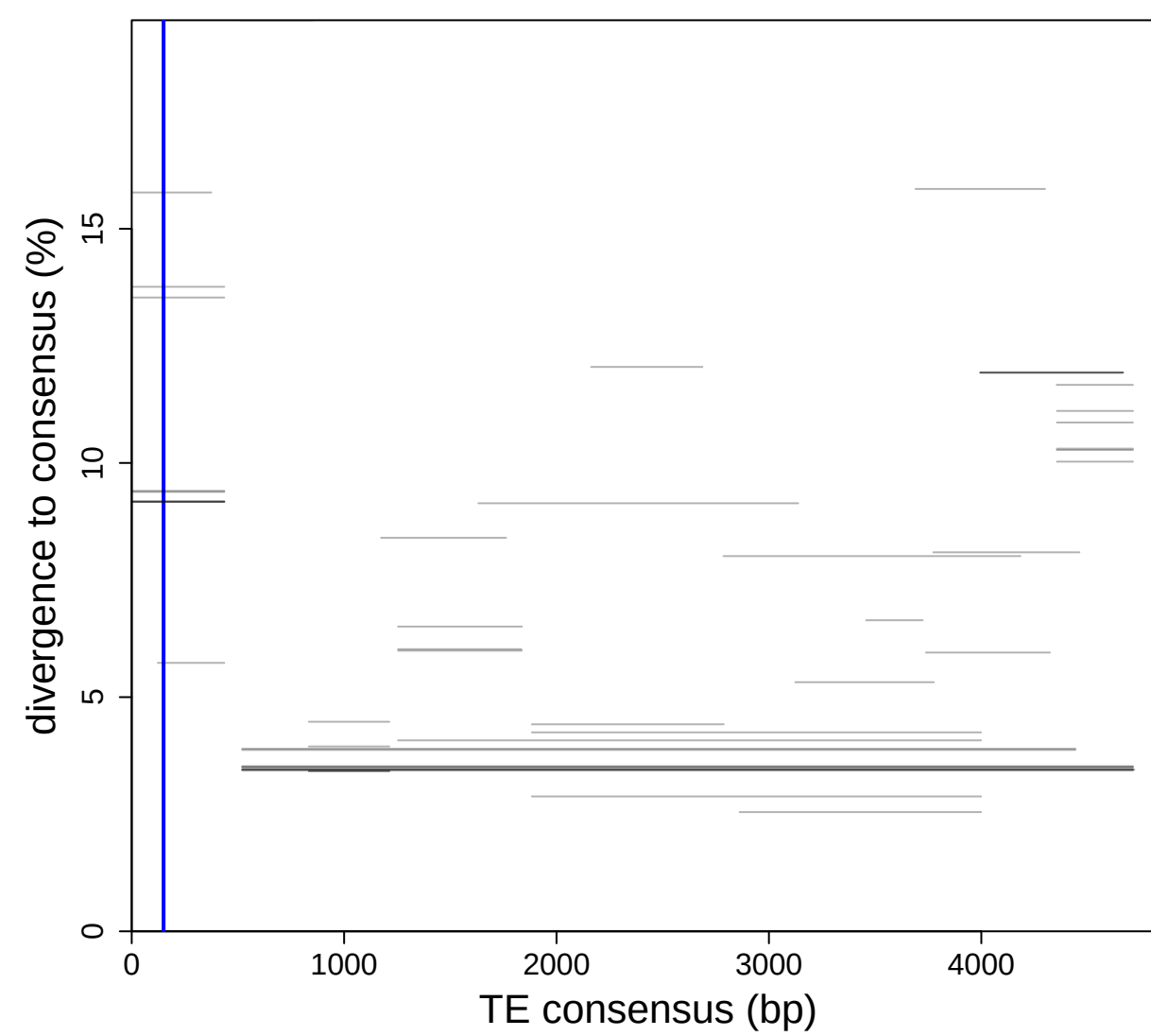
b.bed uf.bed g 4.bed fm_1.bed 0 0 bcln.fa aln.fa cl.fa gs.fa
size: 4670bp; fragments: 56; full length: 0 (>=4203bp)

After TETrimmer 4670 bp

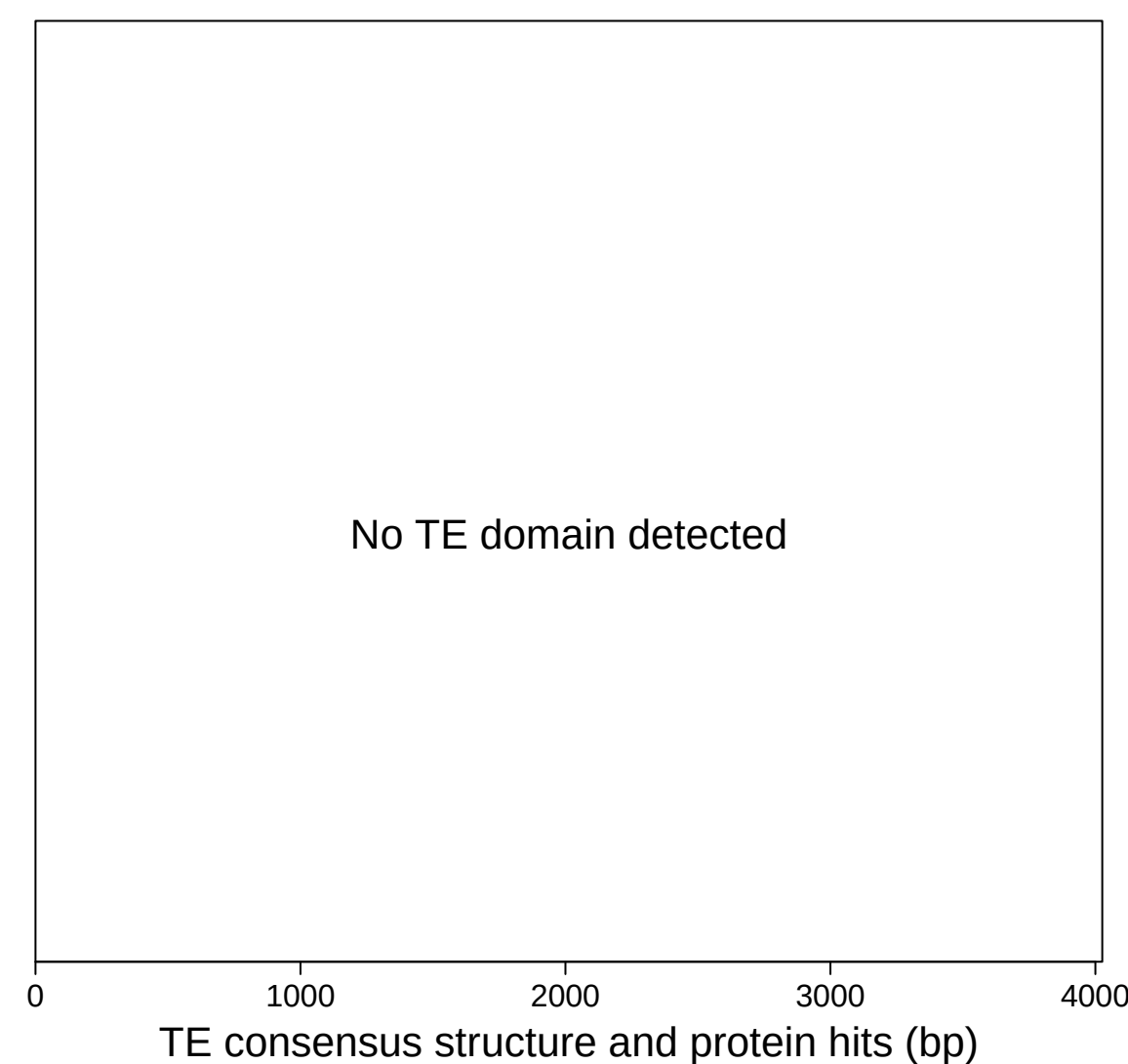
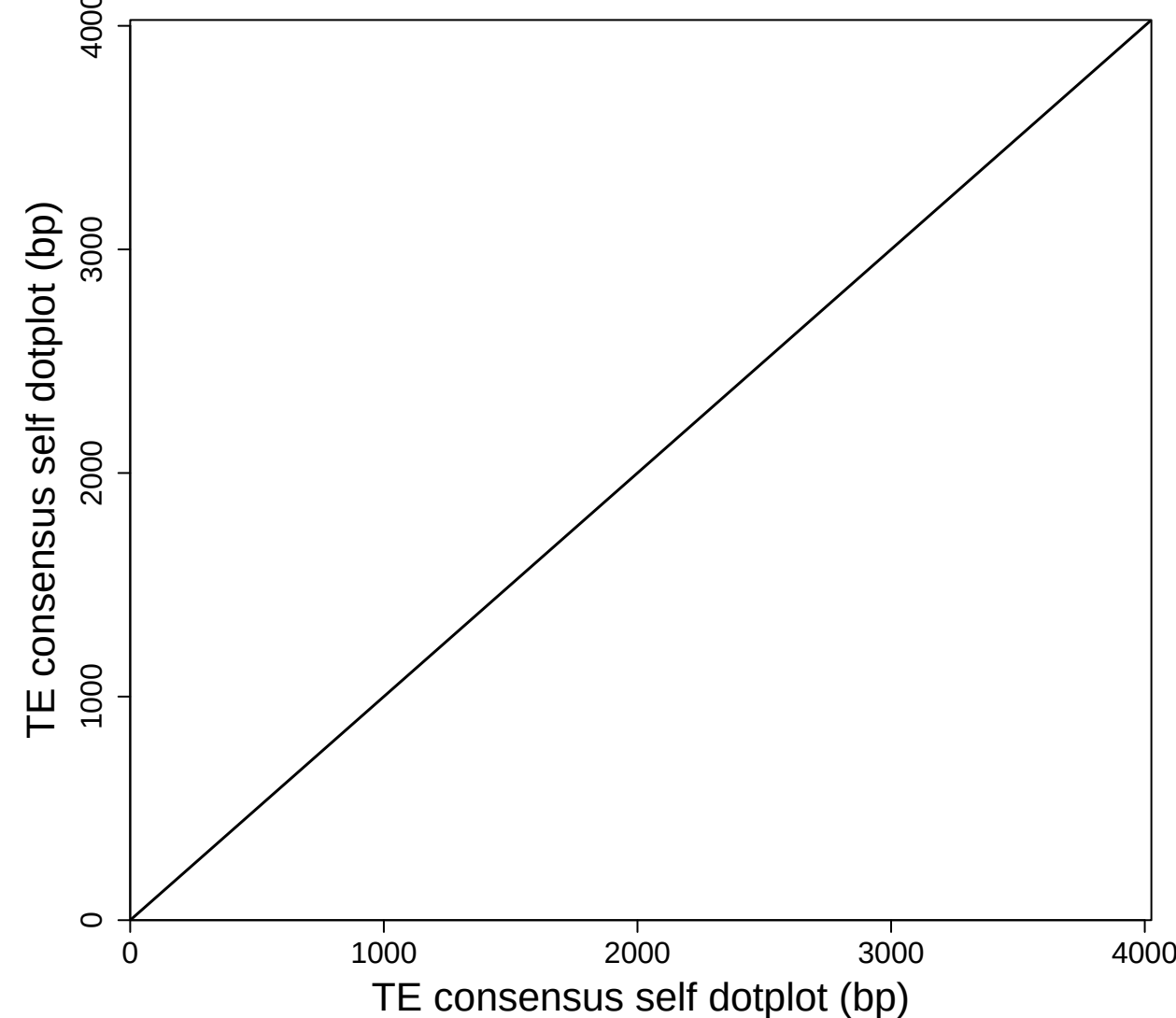
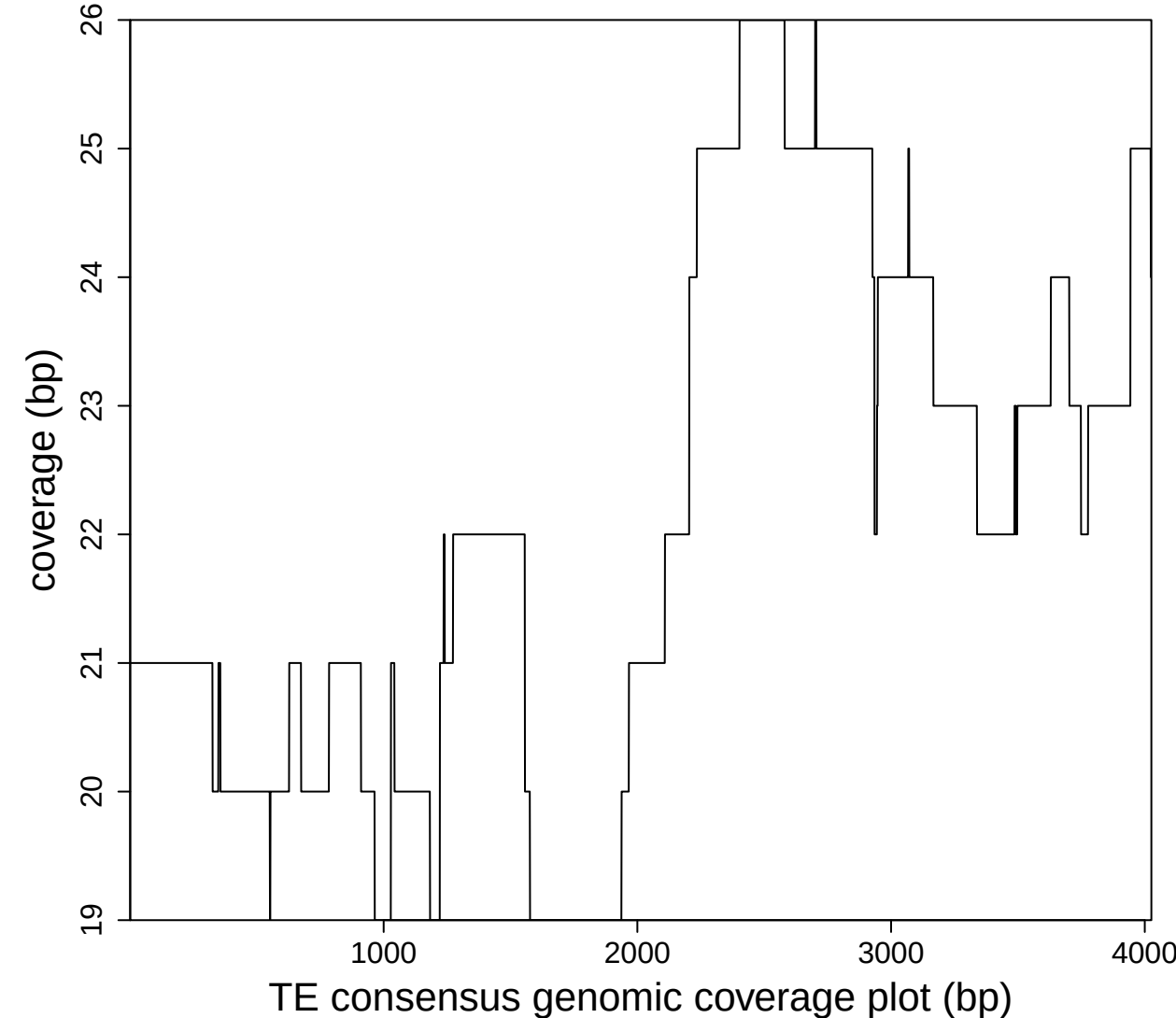
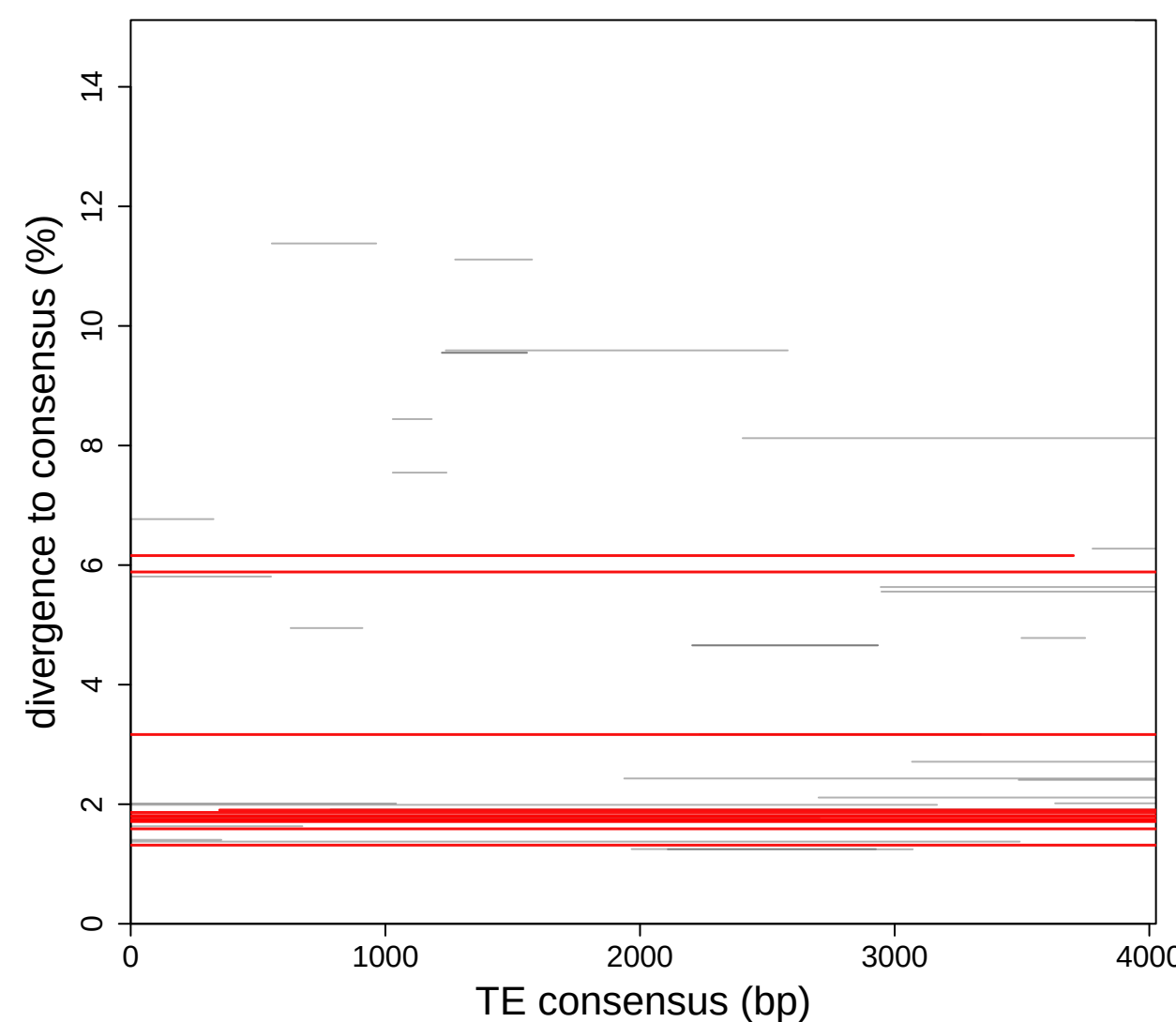


sta.b.bed uf.bed g 4.bed fm_1.bed 0 0 bcln.fa aln.fa cl.fa gs
size: 4864bp; fragments: 50; full length: 0 (>=4377.6bp)

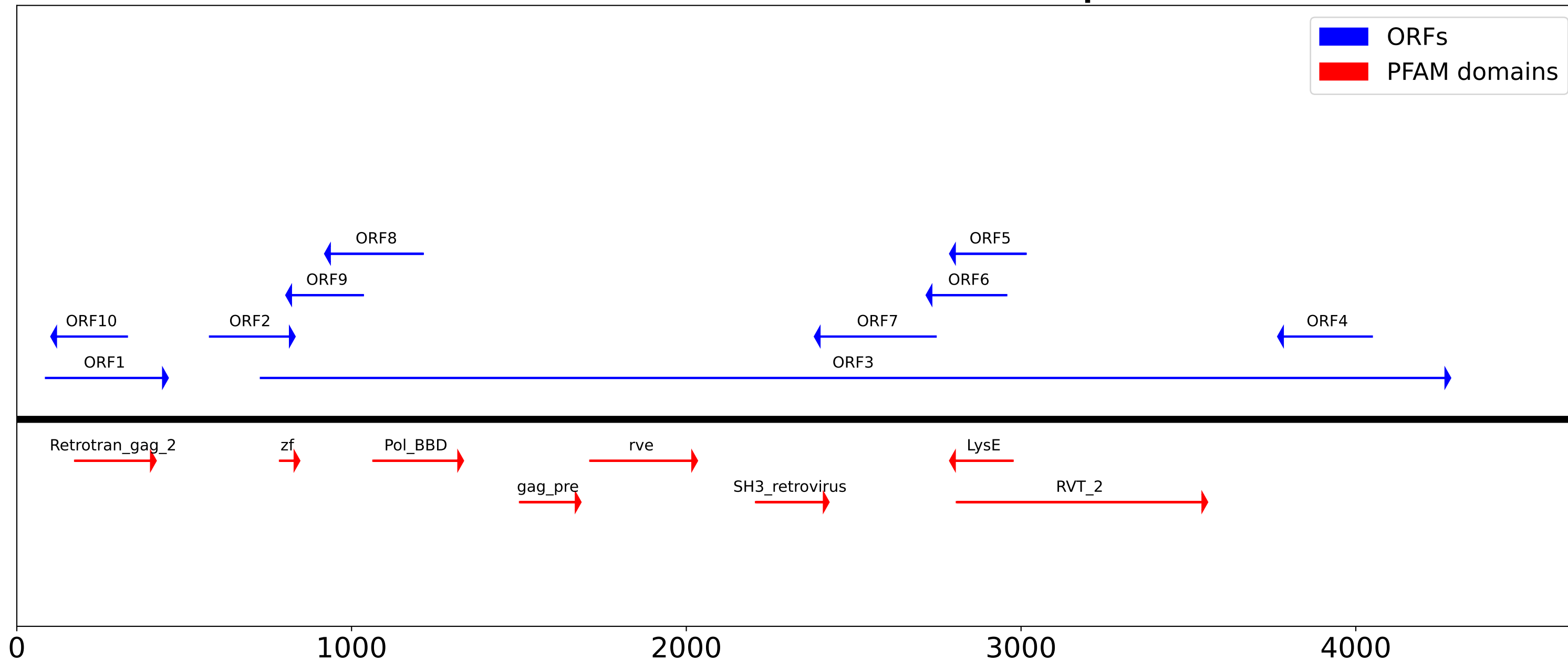
After TEtrimmer Extended plot Blue lines are boundaries



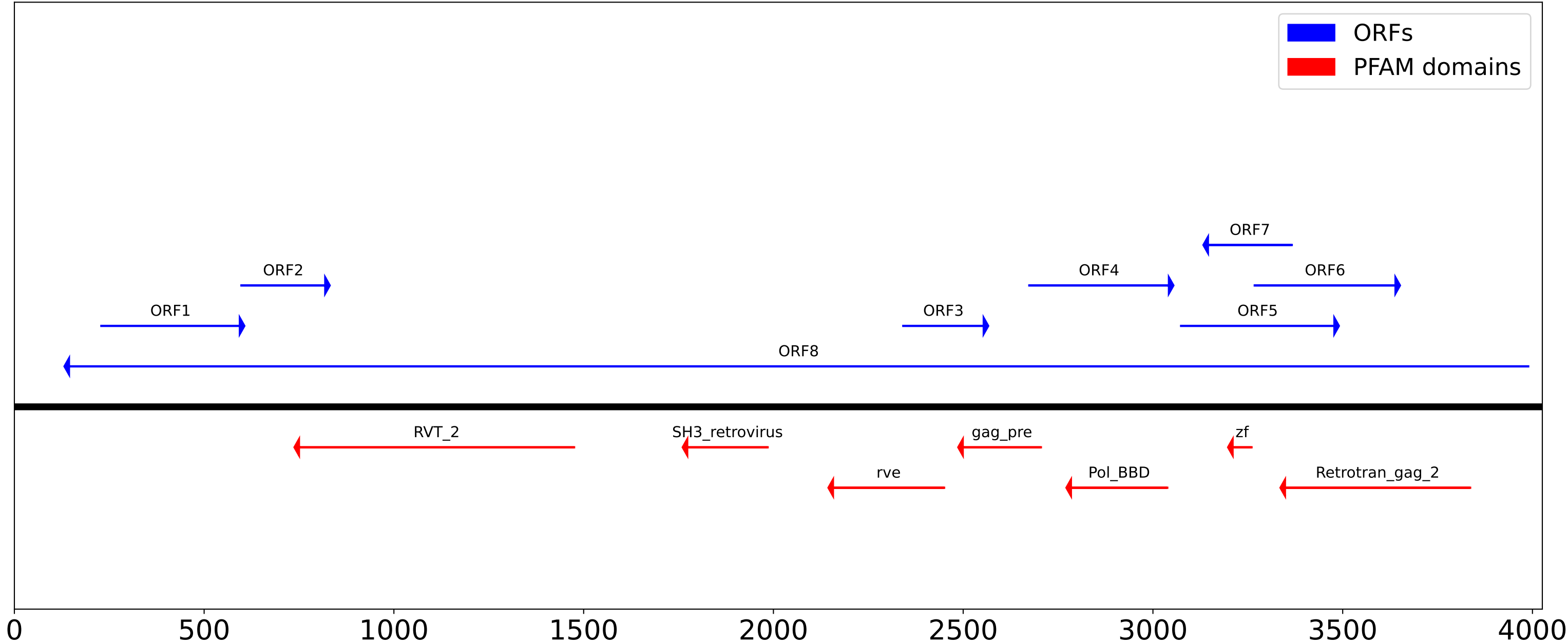
TE: ltr_1_family_567
size: 4026bp; fragments: 48; full length: 14 (≥ 3623.4 bp)



After TEtrimmer ORF and PFAM domain plot



Before TEtrimmer ORF and PFAM domain plot



Dotplot

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

