

End crop Point

MSA length = 3775

TACCTAAAAAAGCCTCTAATTCT--TAGAAACGCTTATAAATTGAAAGGTAAGCAGAGATTTTATTAAACCACGATCTTCCAAAAAAGAGAGAGTGTAATTG--GAGAAAAATGTAATGGTGATTAAATAAACGTTATTATTATTAGTAAT--TCAAAATCAAAATTTTAAATGC--CGGTAGAAATTTACAAAA
 TATGTGAAAGGCAGCATAGTCTTTTTTAGGATCAGTCTTGCAATTAGACG-----GAGAAAAATGTAATGGTGATTAAATAAACGTTATTATTATTATTATTATTATGT--GTTTCTCGTATCGATATCGC--ACTTGCGTAAGATAAGCGA
 CGATCAGATAACCATTTAATTCTTCGTCACAAACCTCAGCAGATGGATAA-----GAGAAATTGTAATGGTGATTAAATAAACGTTATTATTATTATTATTATTATTAAATTTCAATTGGACGCTTTTAAAGGGCCTTTTCTATAGGAGATAGACGA
 TACCTAAAAAAGCCTCTAATTCT--TAGAAACGCTTATAAATTGAAAGGTAAGCAGAGATTTTATTAAACCACGATCTTCCAAAAAAGAGAGAGTGTAATTG--GAGAAAAATGTAATGGTGATTAAATAAACGTTATTATTATTATTATTATTAAATT--ATATGAACCGTATAAAAAAAACCTCATGTCTAAAACTAAATTAG
 TACCTAAAAAAGCCTCTAATTCT--TAGAAACGCTTATAAATTGAAAGGTAAGCAGAGATTTTATTAAACCACGATCTTCCAAAAAAGAGAGAGTGTAATTG--GAGAAATTGTAATGGTGATTAAATAAACGTTATTATTATTATTATTATTAAATTTCAATTGGACGCTTTTAAAGGGCCTTTTCTATAGGAGATAGACGA
 TAT--TGATATCTTAATTAGATTTTTTTAAGAATATTTTGTGAGTGAAGTA-----GAGAAAAATGTAATGATGATTAAATAAACGTTATTATTATTATTATTATTATTA--GGACCAATTTAATTTAAACA--ATTTACGAAAAAAATAATCG
 TACCTAAAAAAGCCTCTAATTCT--TAGAAACGCTTATAAATTGAAAGGTAAGCAGAGATTTTATTAAACCACGATCTTCCAAAAAAGAGAGAGTGTAATTG--GAGAAAAATGTAATGGTGATTAAATAAACGTTTTTTTTTTTT--AATCTCAGGTTTCTGGAAAT-----
 ATTTTGTCTAATAATAAATTCT--TATAAAAAATTTTCAGATTTTTACAAGCCTAAATTTTATTAAACCACGATCTTCCAAAAAAGAGAGAGTGTAATTG--GAGAAAAATGTAATGGTGATTAAATAAACGTTATTATTATTATTATTATTAAAGTACTGTCAAGATTTTTTTAACAGTCTTCTTTAAGCAACTCAGAAAA
 TGACCAAA--ACCGTTTAGTTT--TCGAAAATC--GAAATTGAAAAA-----GAGAAAAATGTAATGGTGATTAAATAAACGTTATTATTATTATTATTATT--AACTGAAACATATTAAA--AAATGA
 -----ACGACTTTATTTTCTTGAAGAATGTGTTAGCATCGACGAT-----GAGAAAAATGTAATGGTAATTAATAAACGT--TCATCATTAAATAAGTTCATATATTTTAATCGAAATATAAGAGACAACCATATTTATTTGACATTTGAA
 TATGTAAATTTACATAATTCATGTT--TTAAATAAC--AAATGTACAT-----GAGAAAAATGTAATGGTGATTAAATAAACGTTATTATTATTATTATTATA--GTCTGAAAAGAAATTCACAAA--ATCGGAGA
 -----ATTAAATTAGTTTTTTTTAAATCGGTCTCTAATCAACTAT-----GAGAAAAATGTAATGGTAATTAATAAACGTTATTATTATTATTATTATAAATT--CTTCCAGTAATCCGGATAC
 TGACCAAA--ACCGTTTAGTTT--TCGAAAATC--GAAATTGAAAAA-----AAGAAAAATGTAATGGTGATTAAATAAACGTTATTATTATTATTATTATT--AACTGAAACATATTAAA--AAATGA

Start crop Point

End crop Point

0

10

0

500

1000

1500

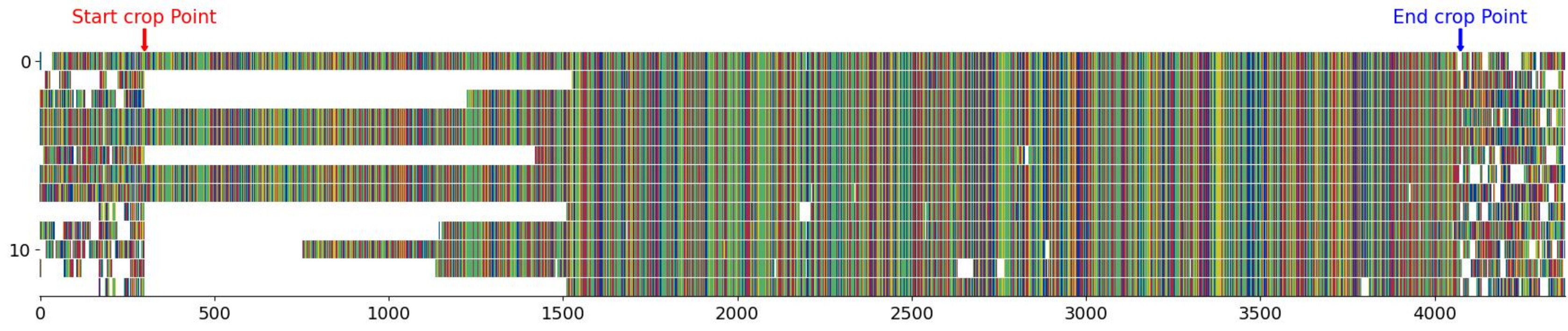
2000

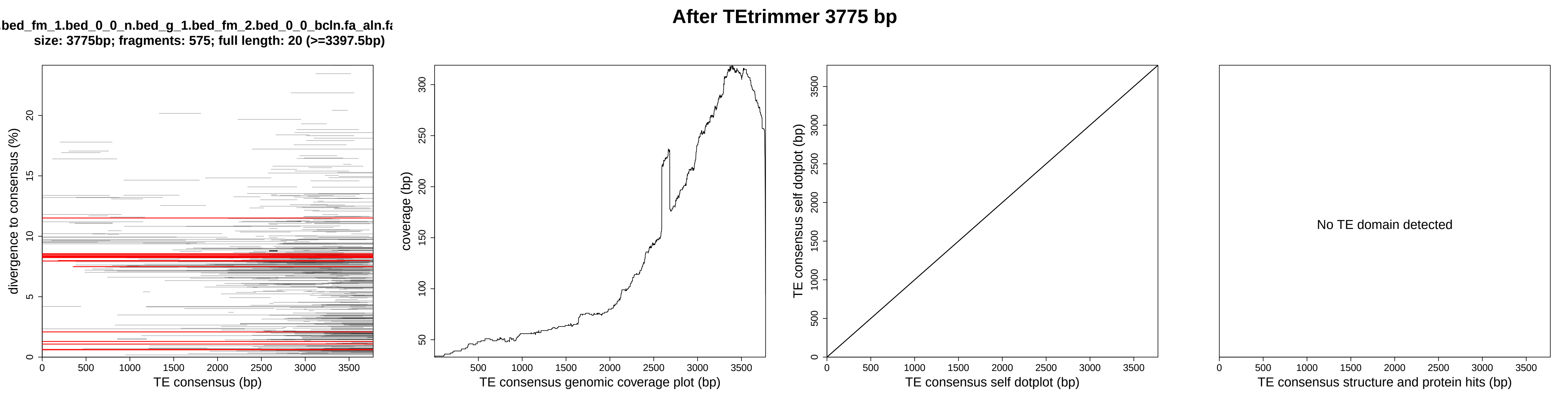
2500

3000

3500

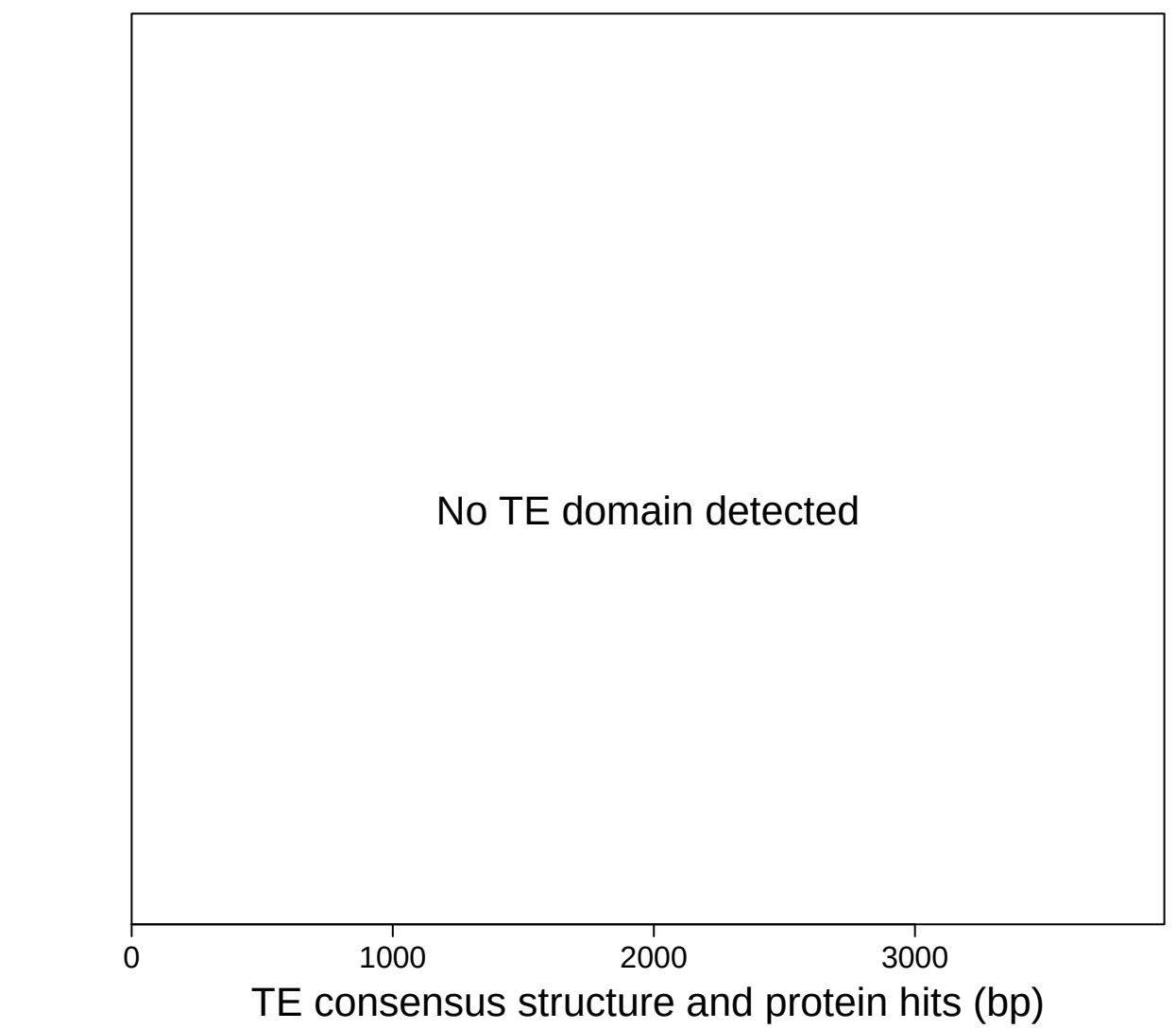
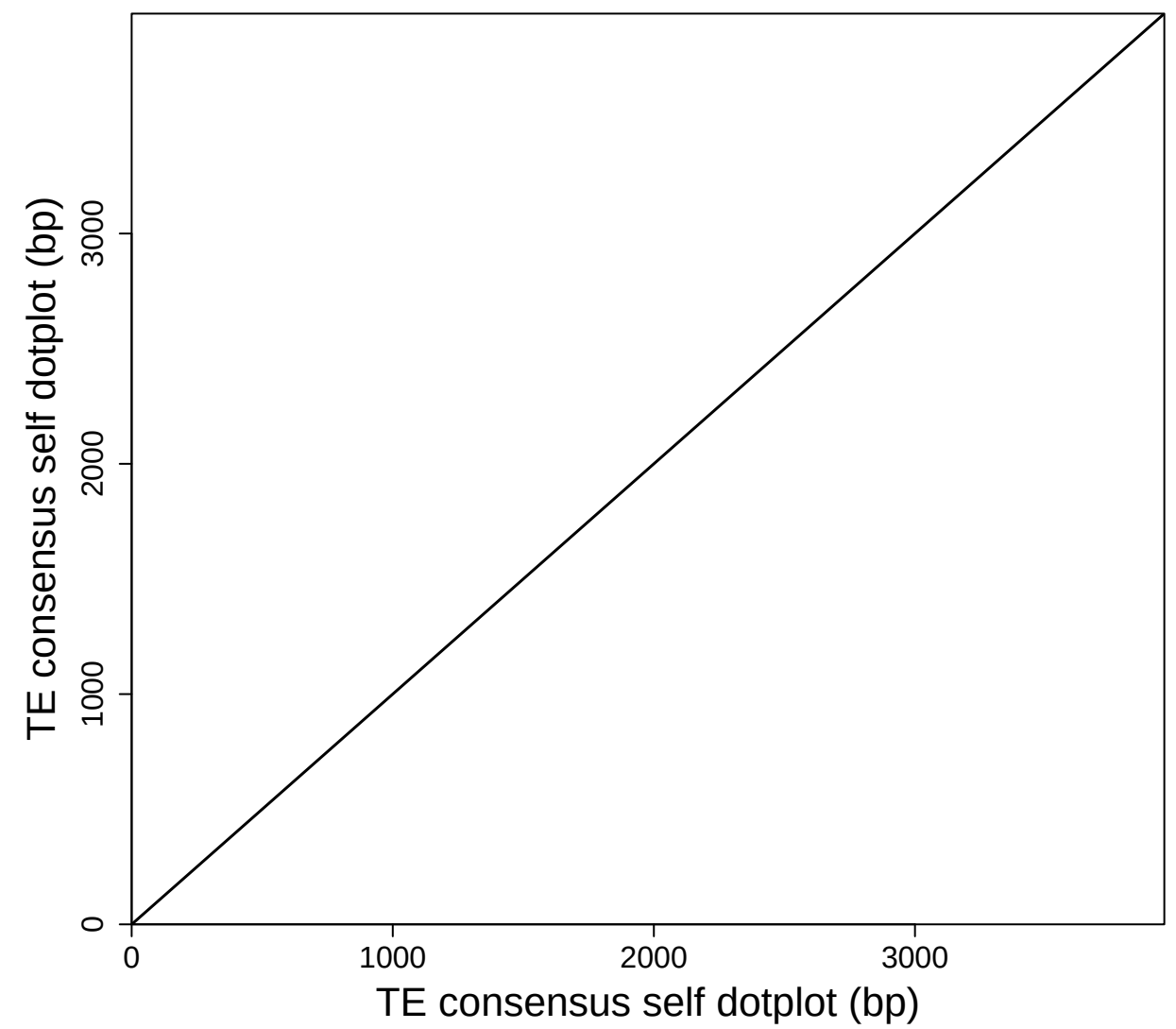
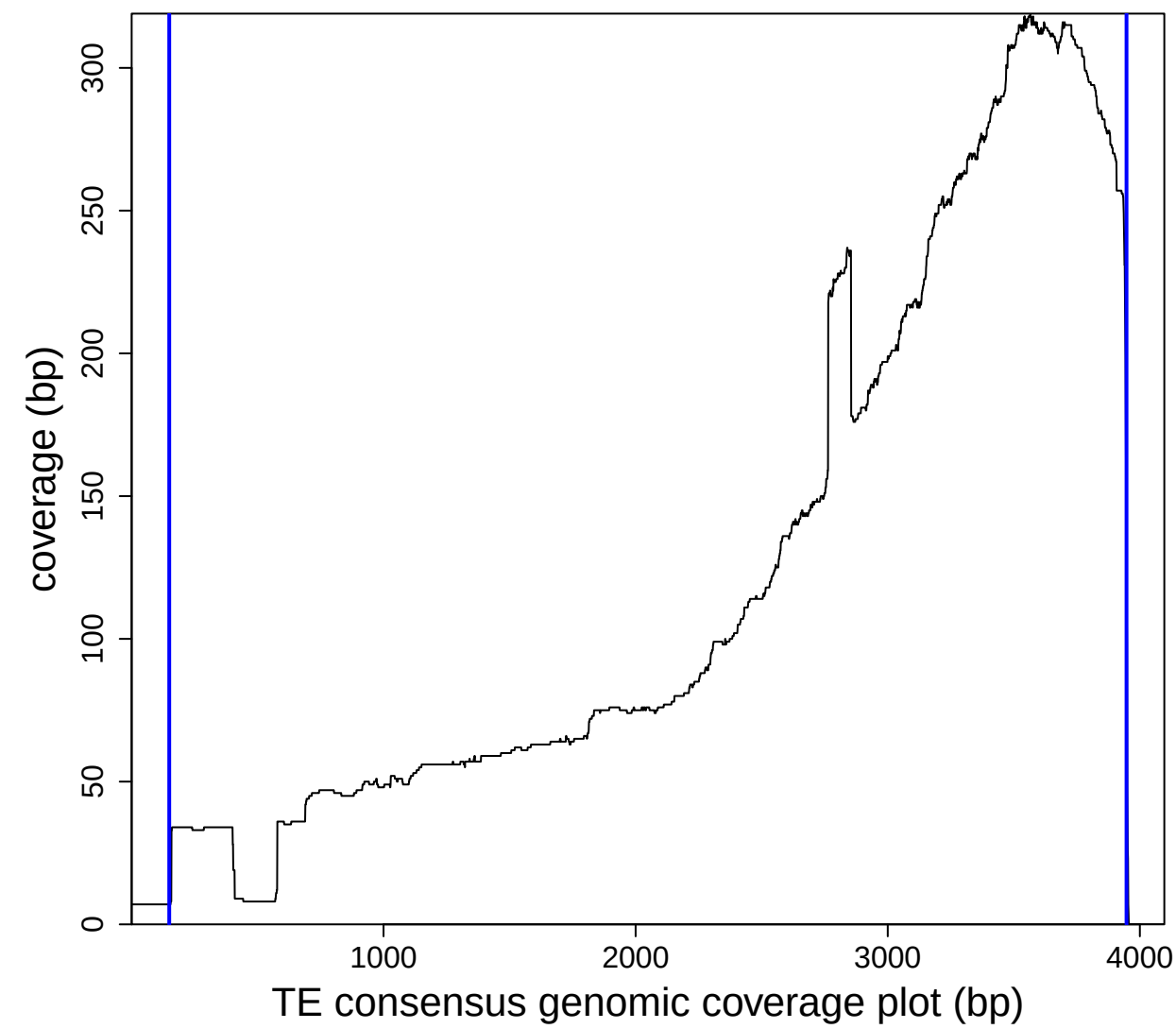
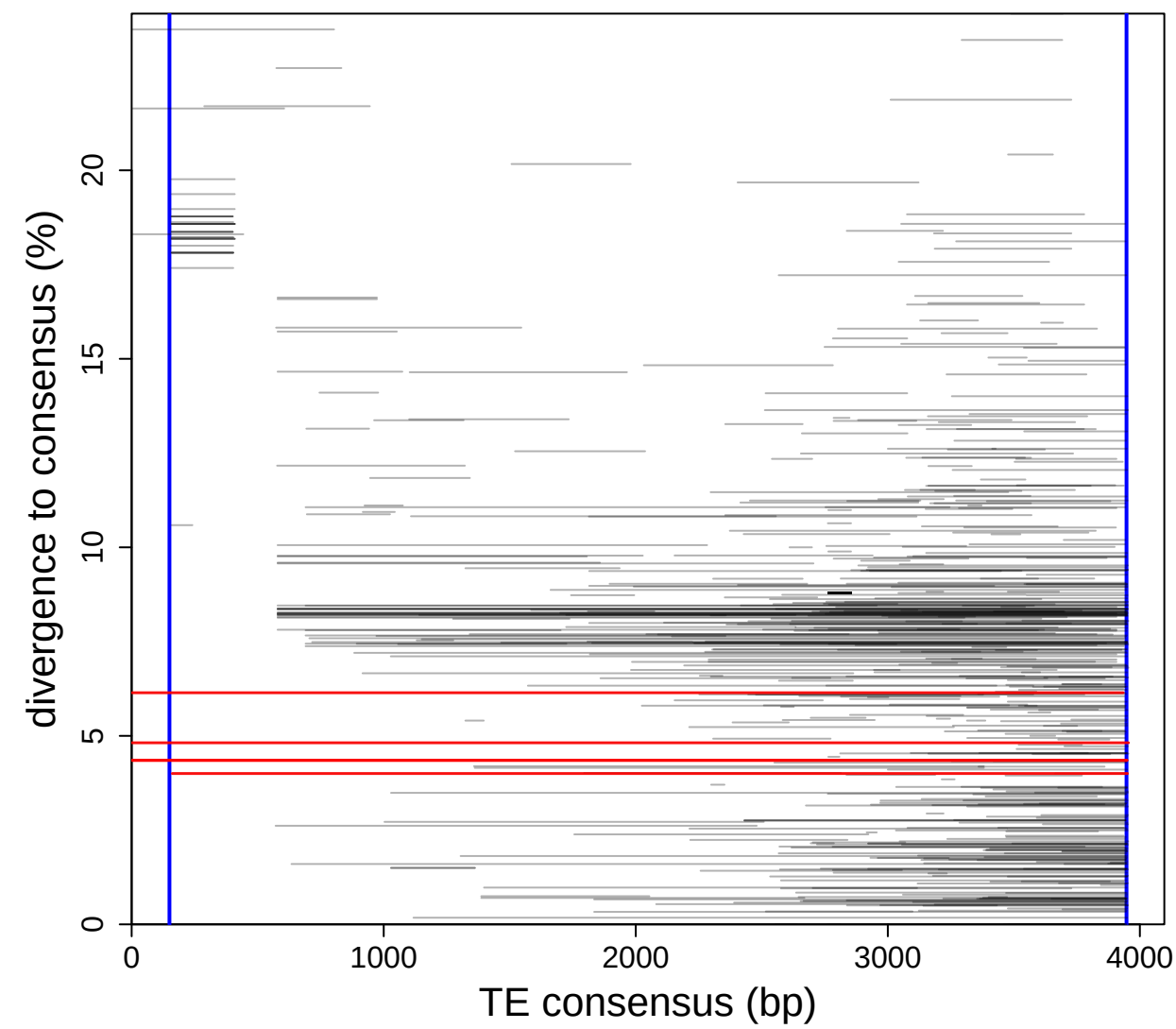
4000





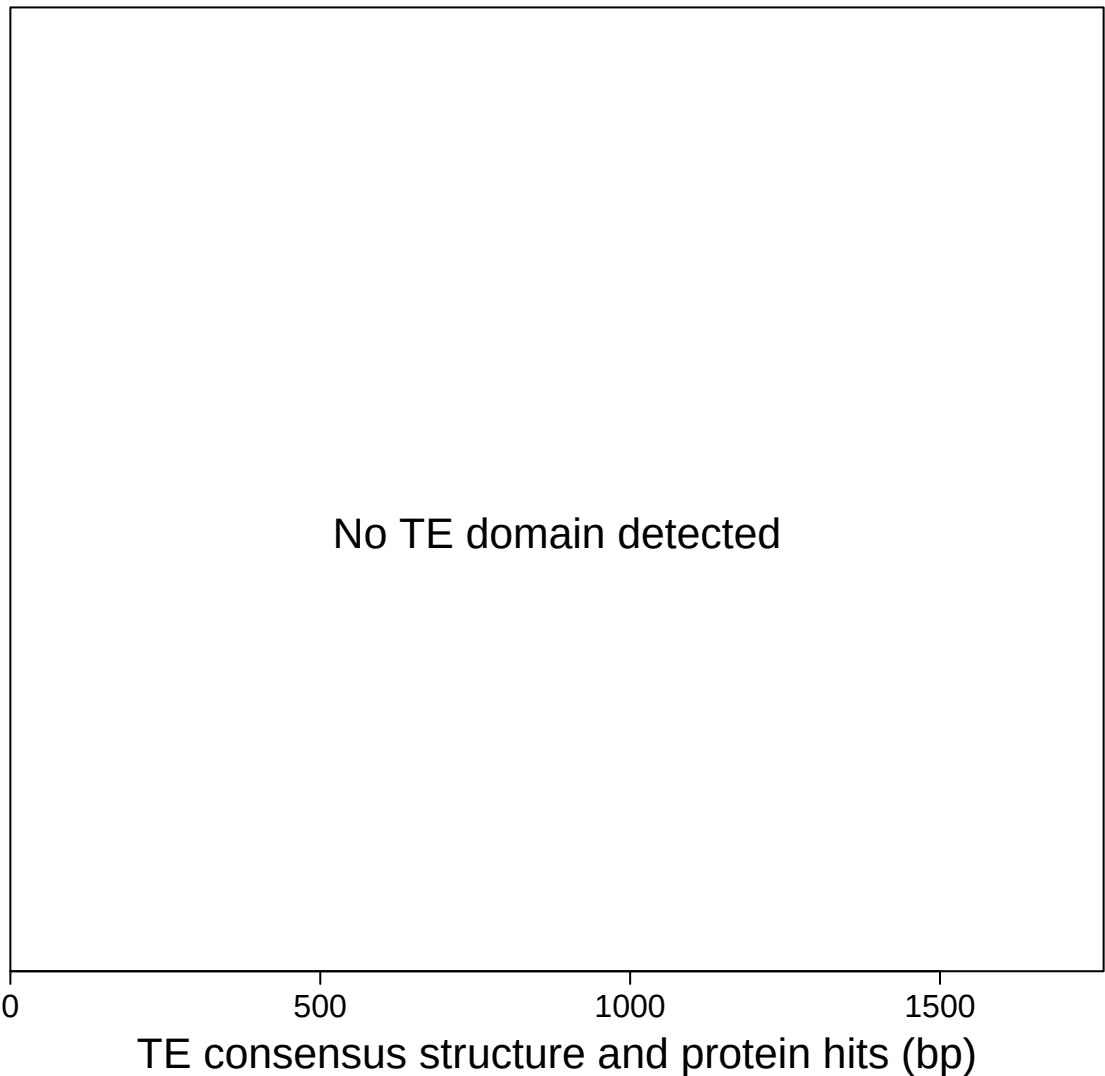
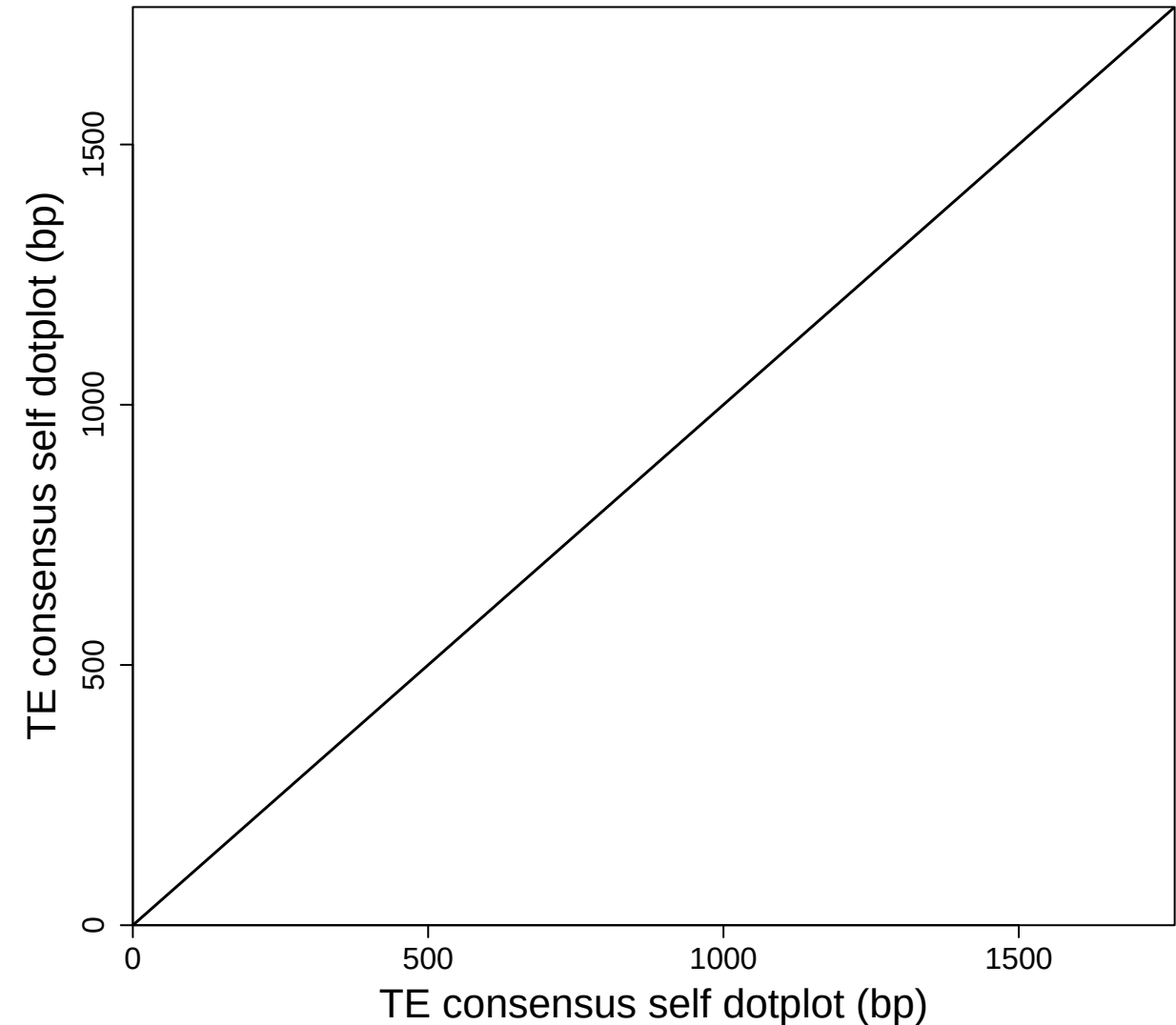
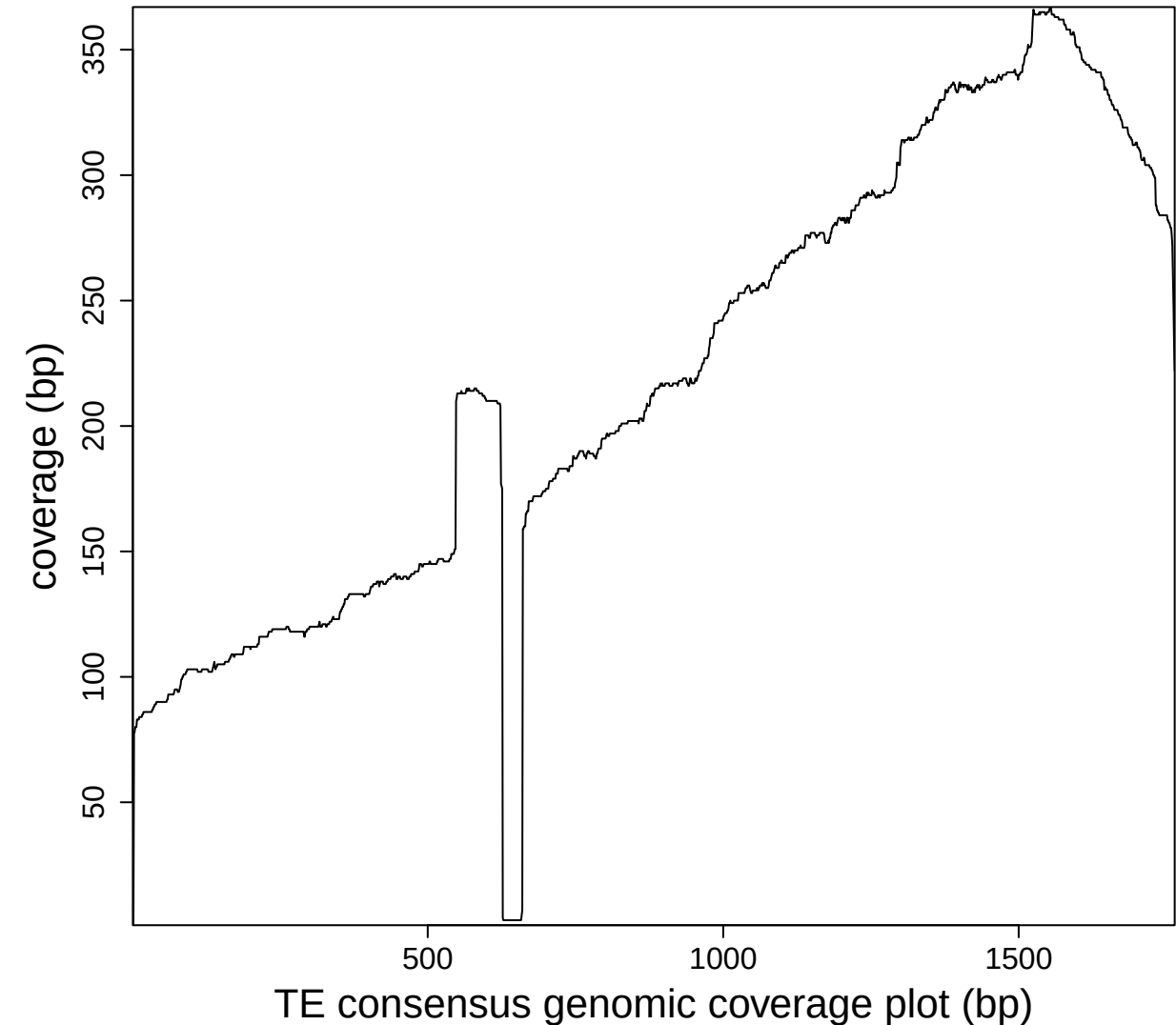
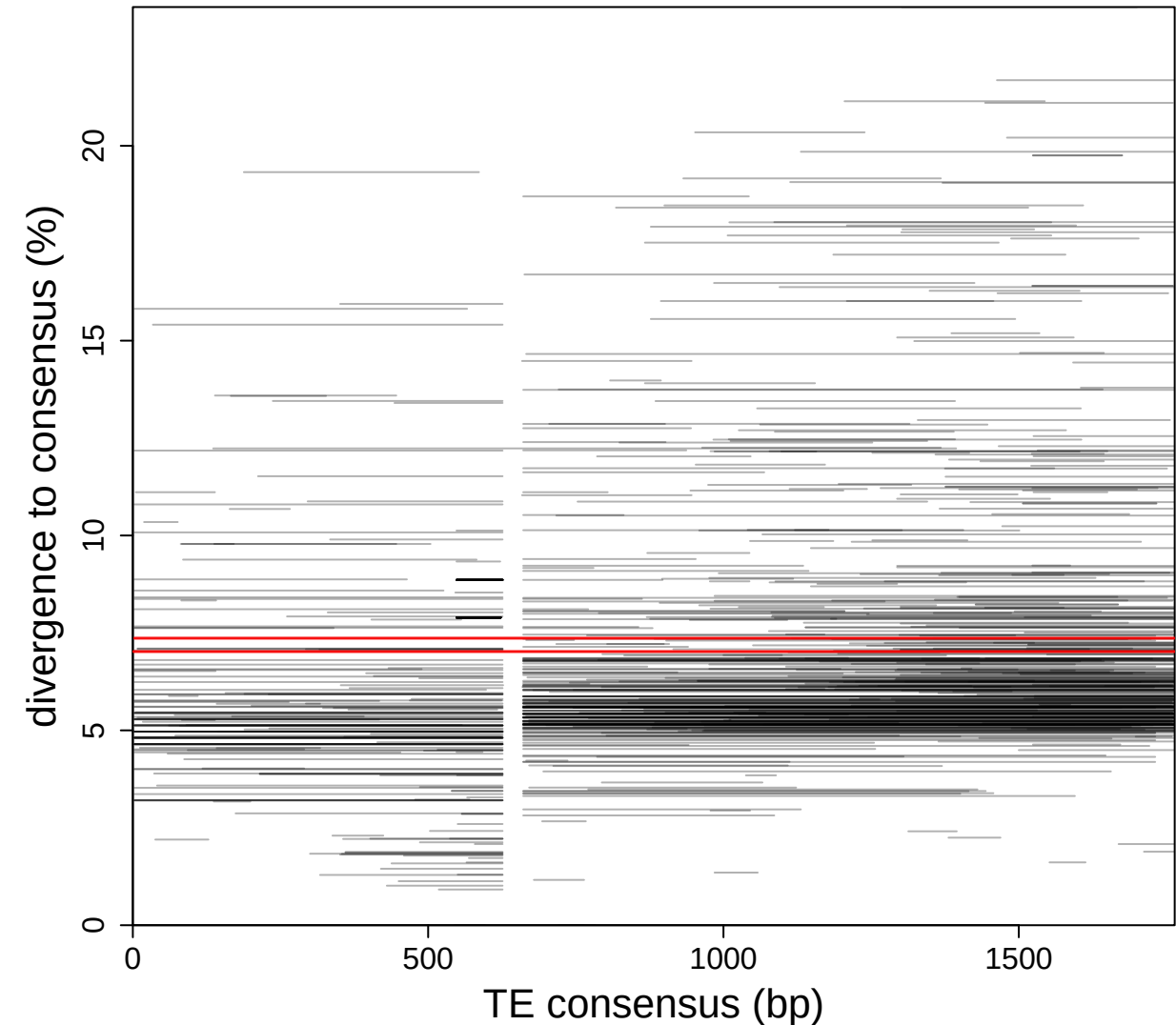
f.bed_g_2.bed_fm_1.bed_0_0_n.bed_g_1.bed_fm_2.bed_0_0_bcl
size: 4097bp; fragments: 598; full length: 5 (>=3687.3bp)

After TEtrimmer Extended plot Blue lines are boundaries

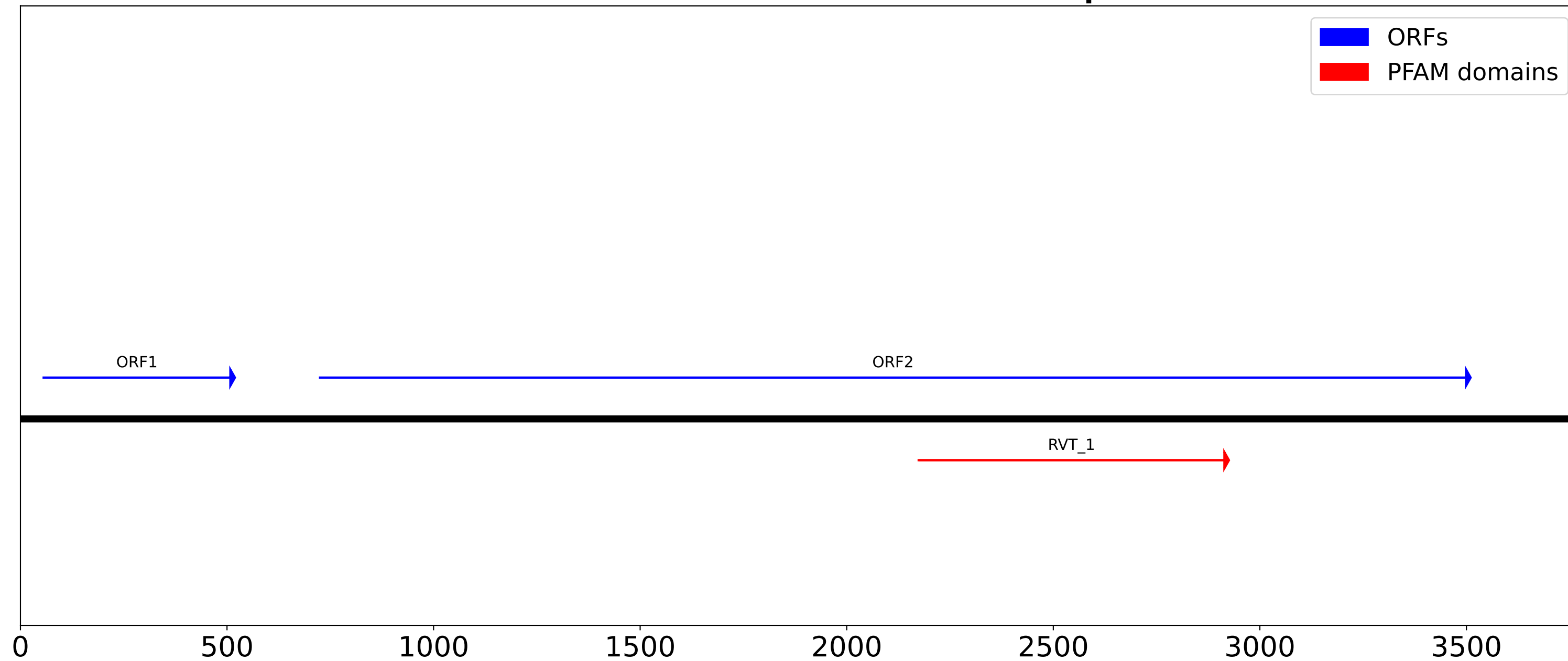


TE: rnd_4_family_534
size: 1764bp; fragments: 748; full length: 2 (≥ 1587.6 bp)

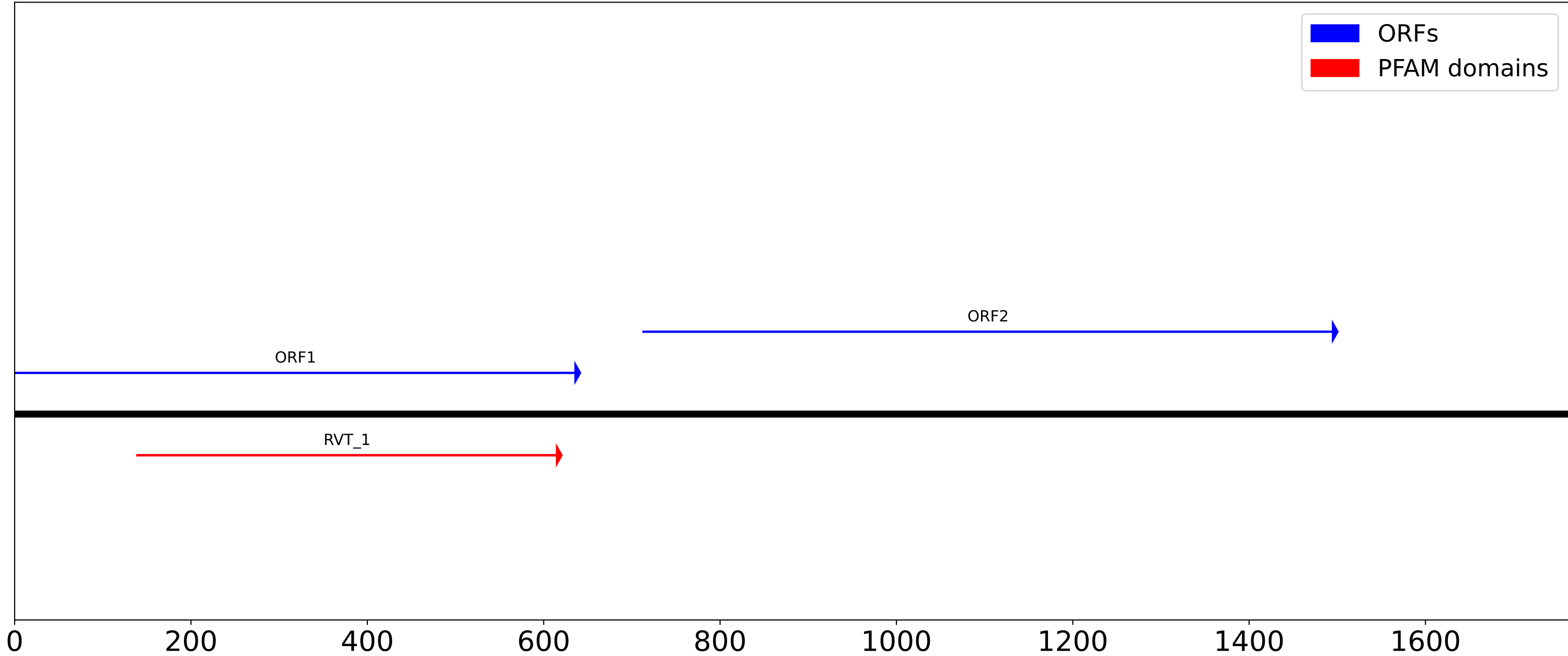
Before TEtrimmer 1764 bp



After TEtrimmer ORF and PFAM domain plot



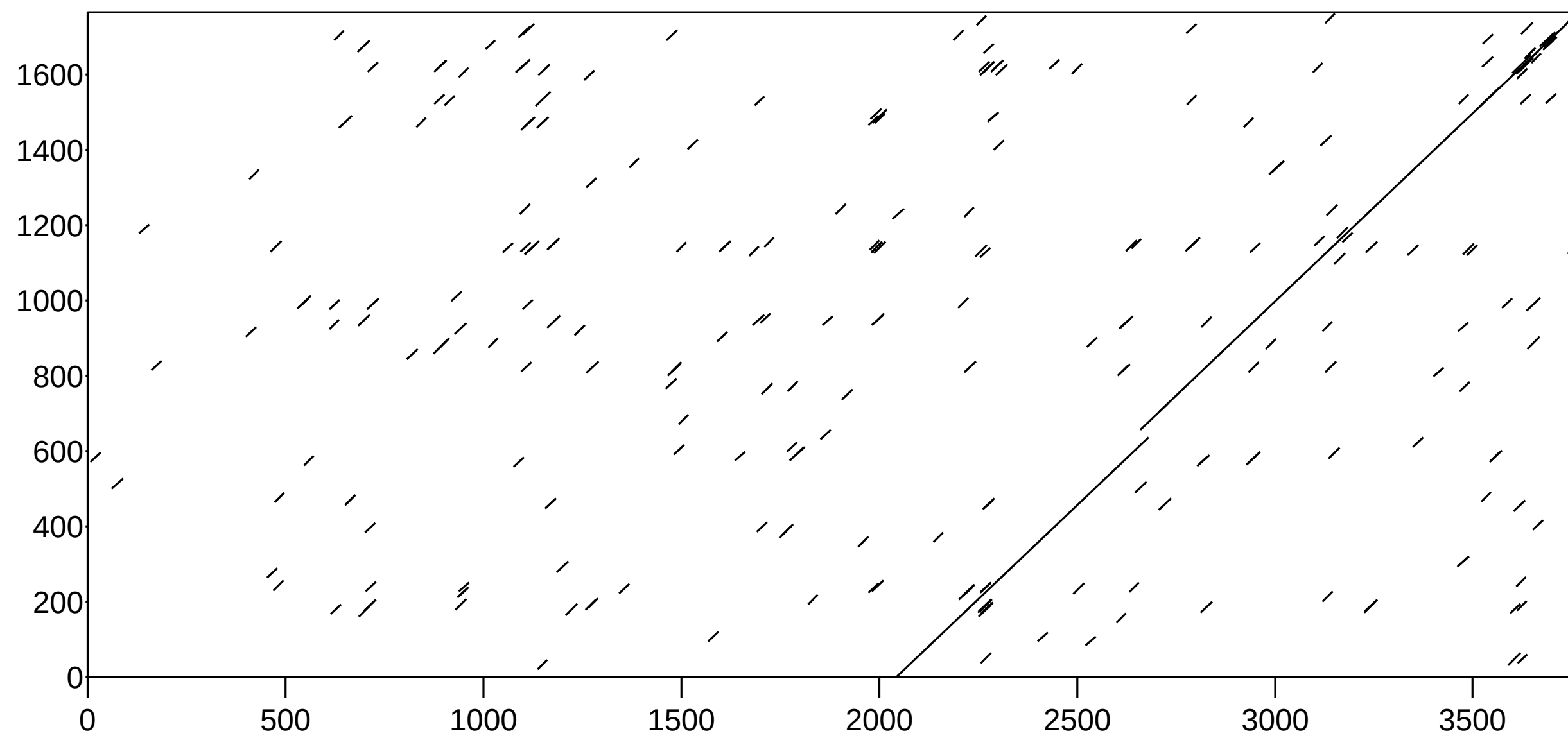
Before TEtrimmer ORF and PFAM domain plot



Dotplot

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

TE consensus before TEtrimmer (bp)



TE consensus after TEtrimmer (bp)