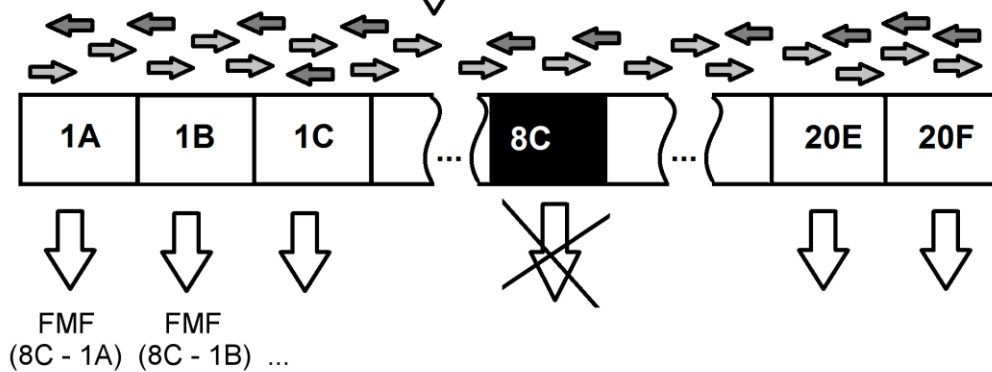
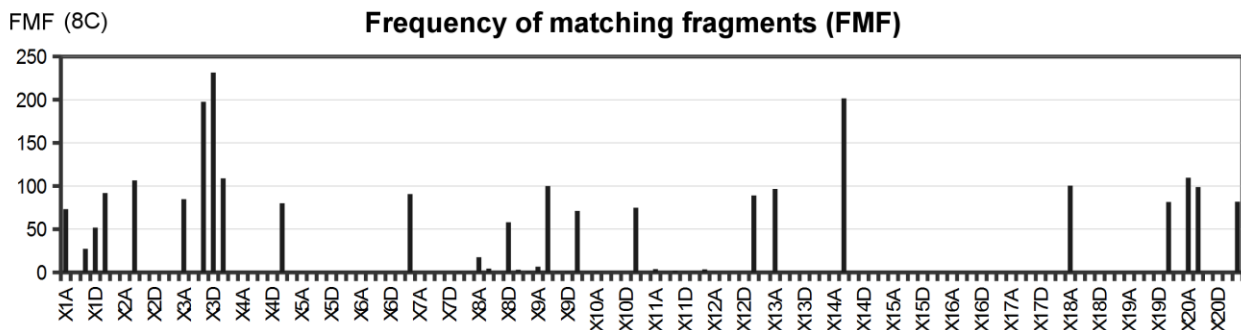


2. Aho-Corasick search

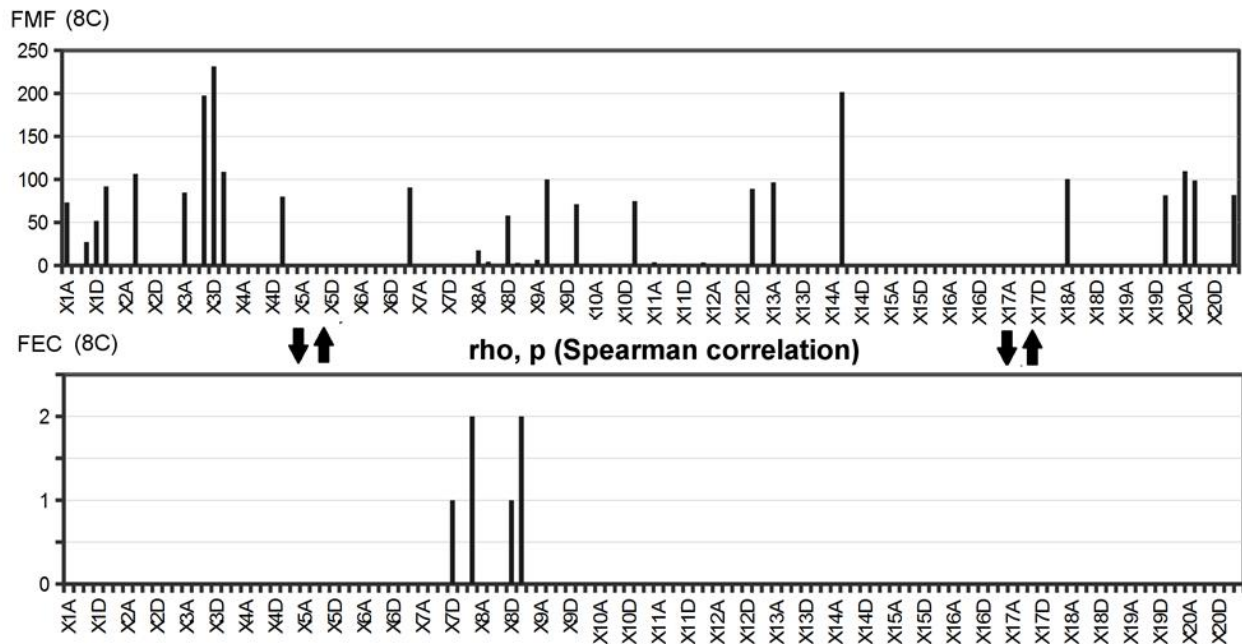


3. FMF calculation



4. Repeat 1.-3. for all sections except 20B

5. a. FEC - FMF correlation calculation



Repeat for all sections except 20B

b. R: the average rho value of significant Spearman correlations ($p < 0.05$)

P: the proportion of significant correlations

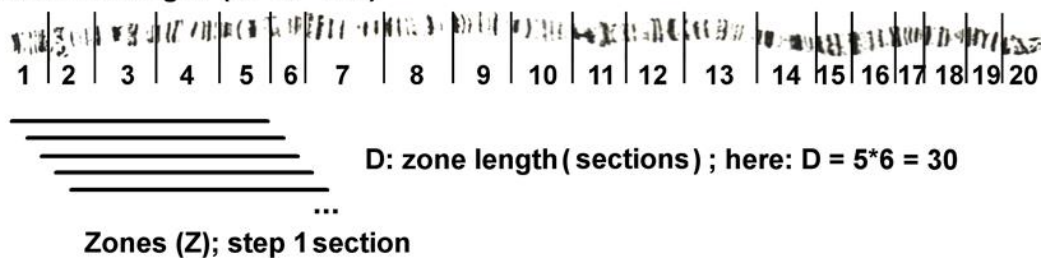
6. Unspecific FEC - FMF correlation calculation (for all different sections)

7. Repeat 1. - 6. for all fragment lengths (L)

8. Repeat 1. - 7. for fragments excluding DNA repeats

9. Sections proximity influence on FEC - FMF correlation

a. Zones of D length (D: 10 - 116)



b. Calculate the average values of R and P for all zones of D length

Repeat 9. for all D