

Ideos

14 September, 2024

Contents

Queries	1
nuccomp	1
fast_win	1
Ideo function	1

Queries

query	Length
45S	9382
26S	1544
5.8S	157
18S	1552
5S	259
CS-237_satelite	557
CsatSD_centromere_237bp	237
CsatSD_subtelomere_370bp	370

nuccomp

fast_win

Ideo function

```
## Time difference of 4.329252 mins
```

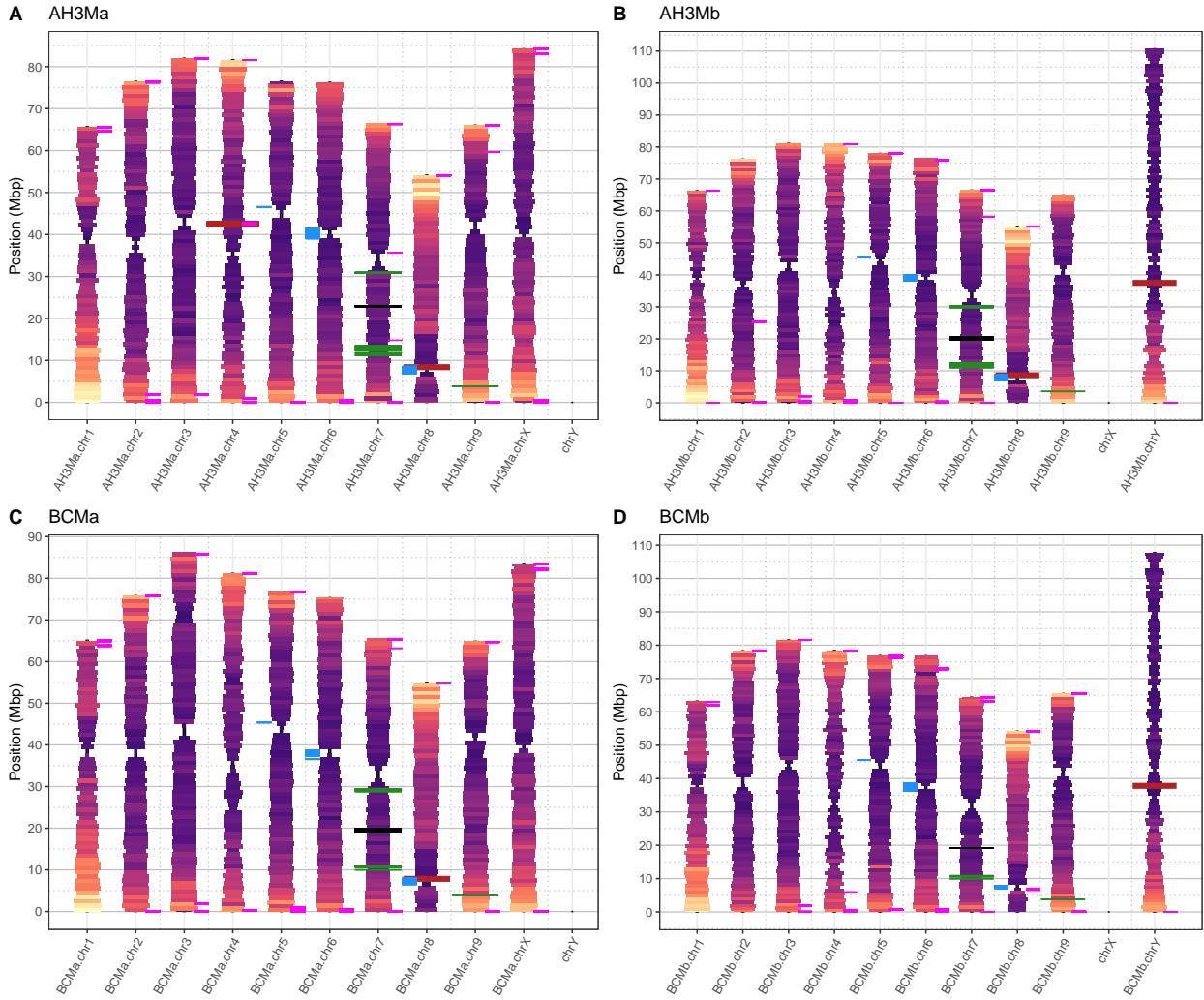


Figure 1: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

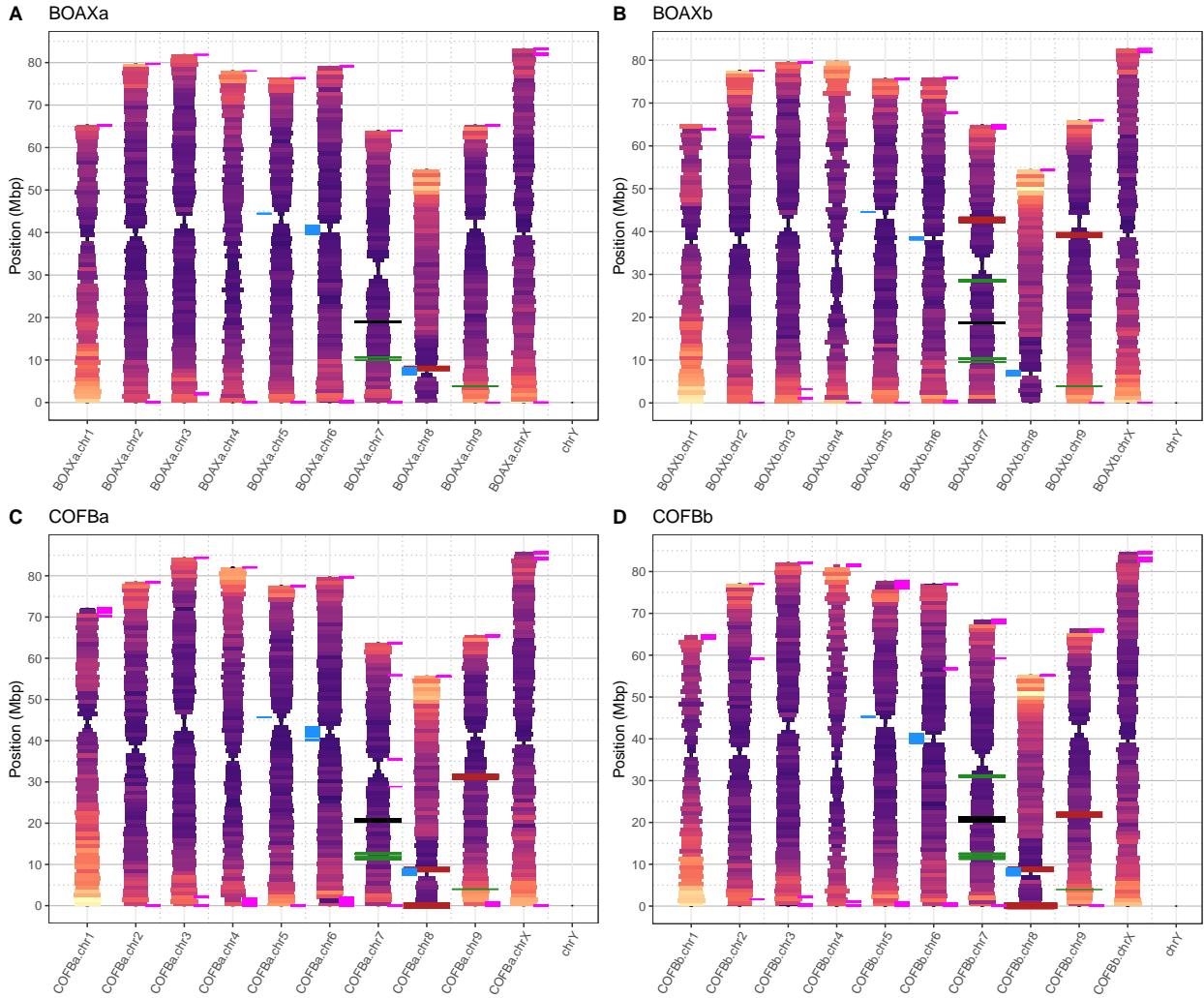


Figure 2: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

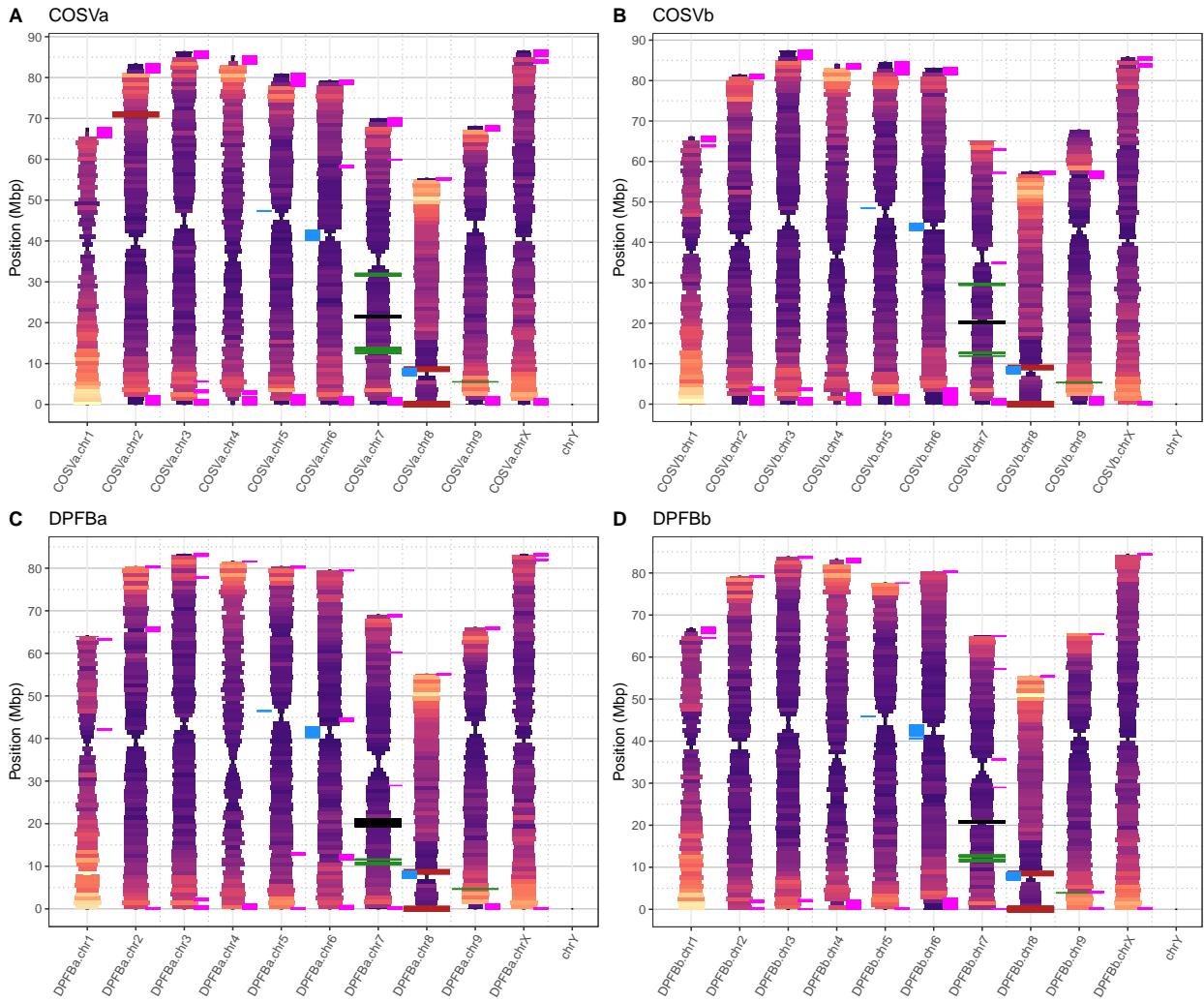


Figure 3: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

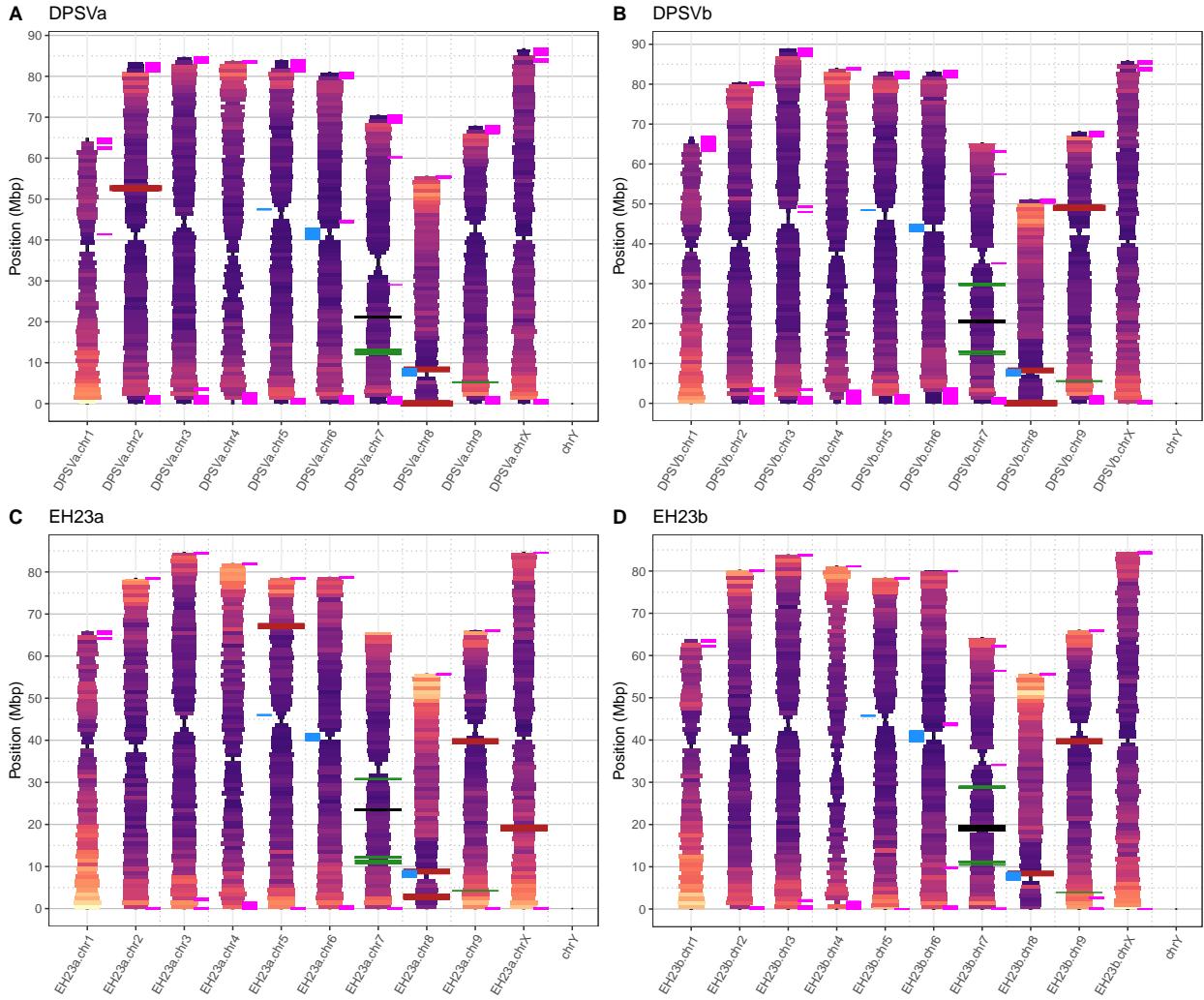


Figure 4: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

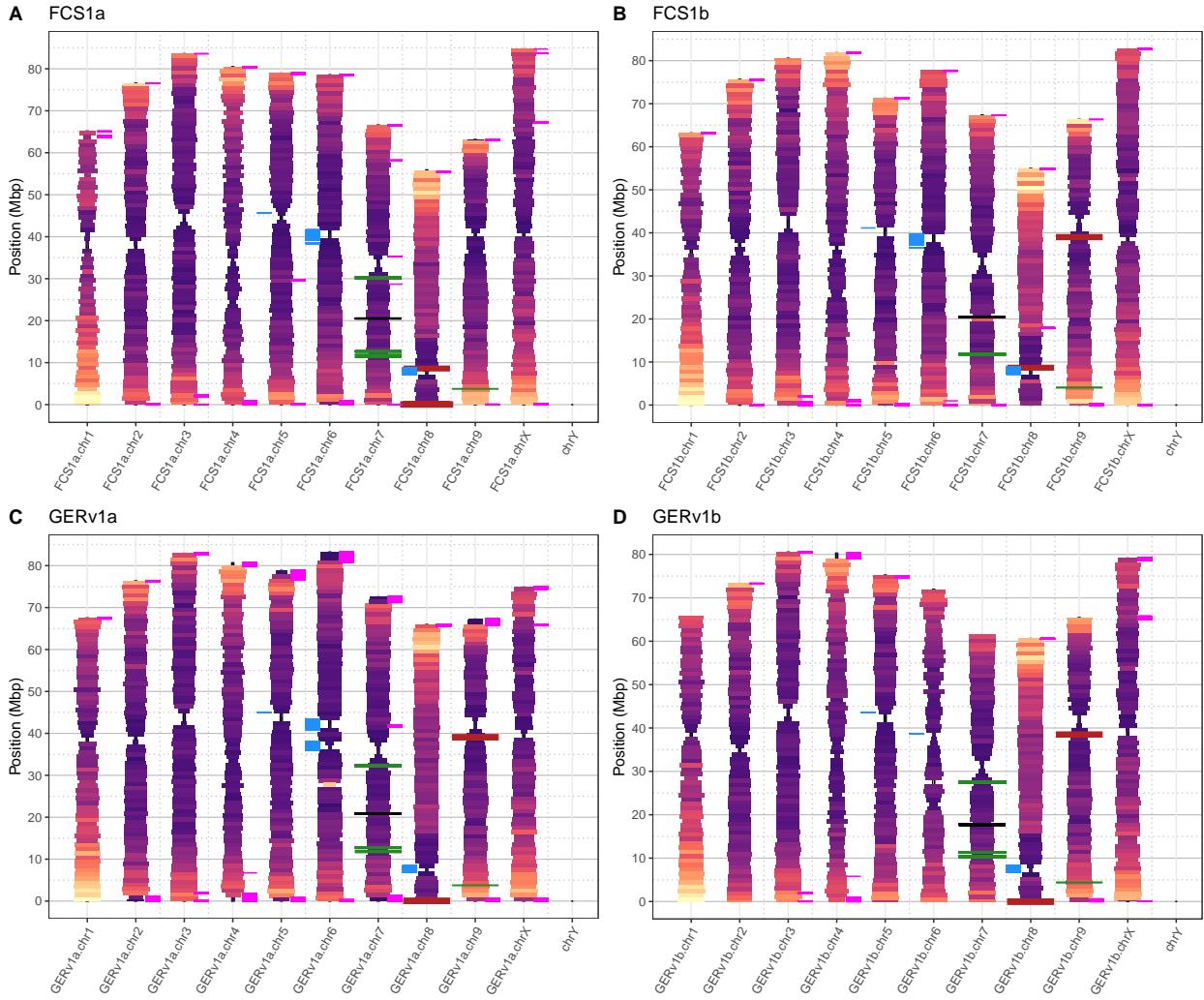


Figure 5: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

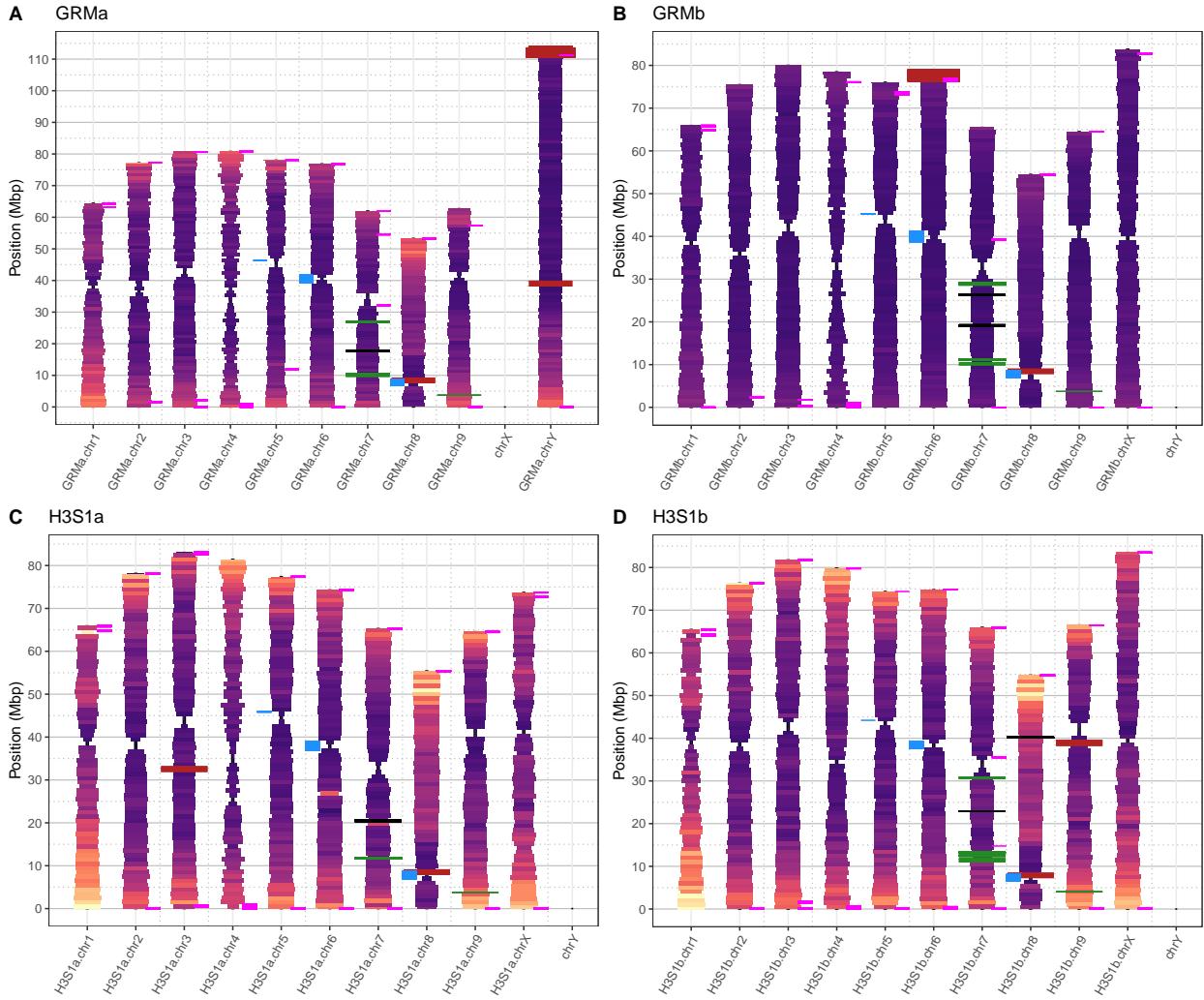


Figure 6: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

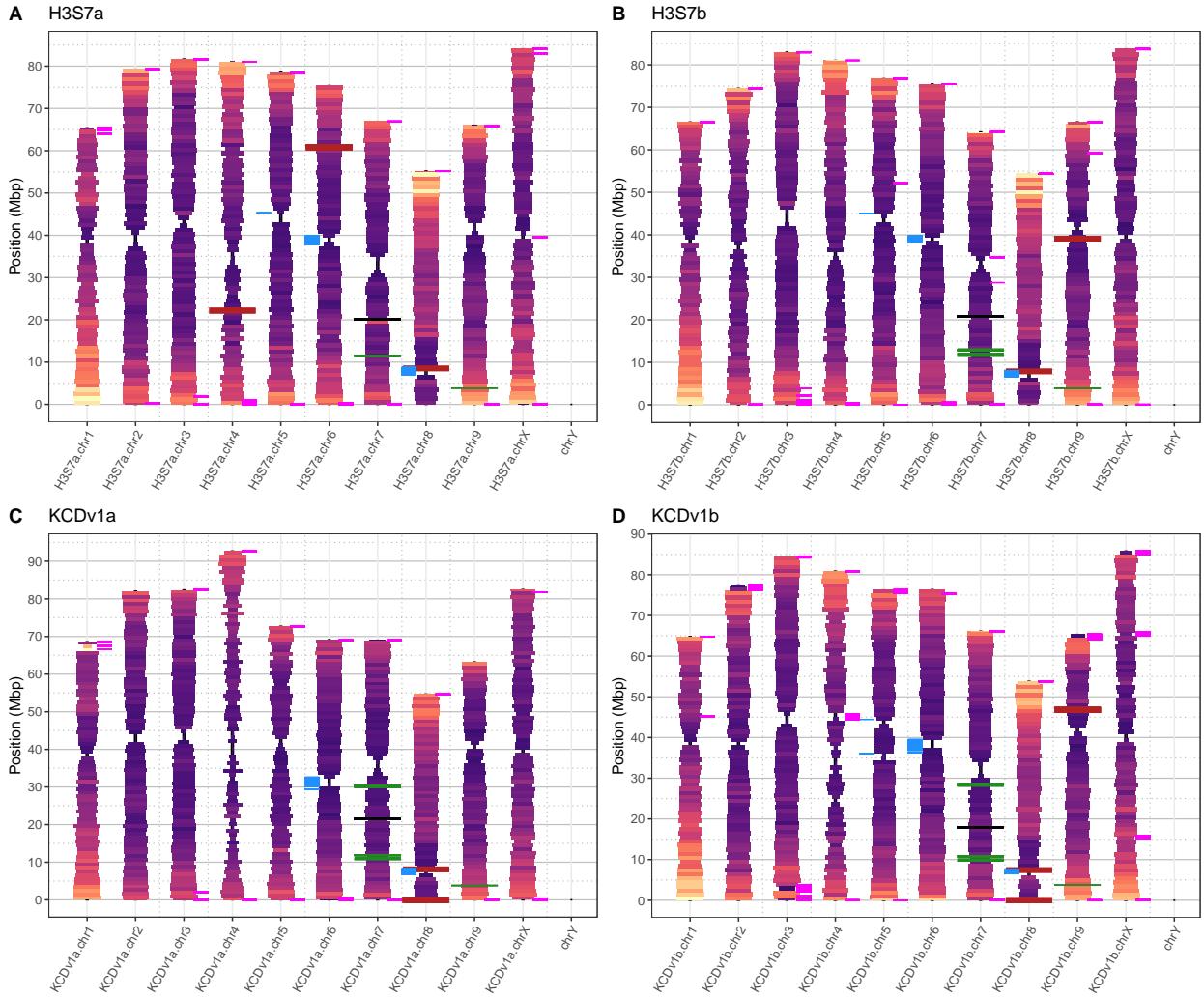


Figure 7: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

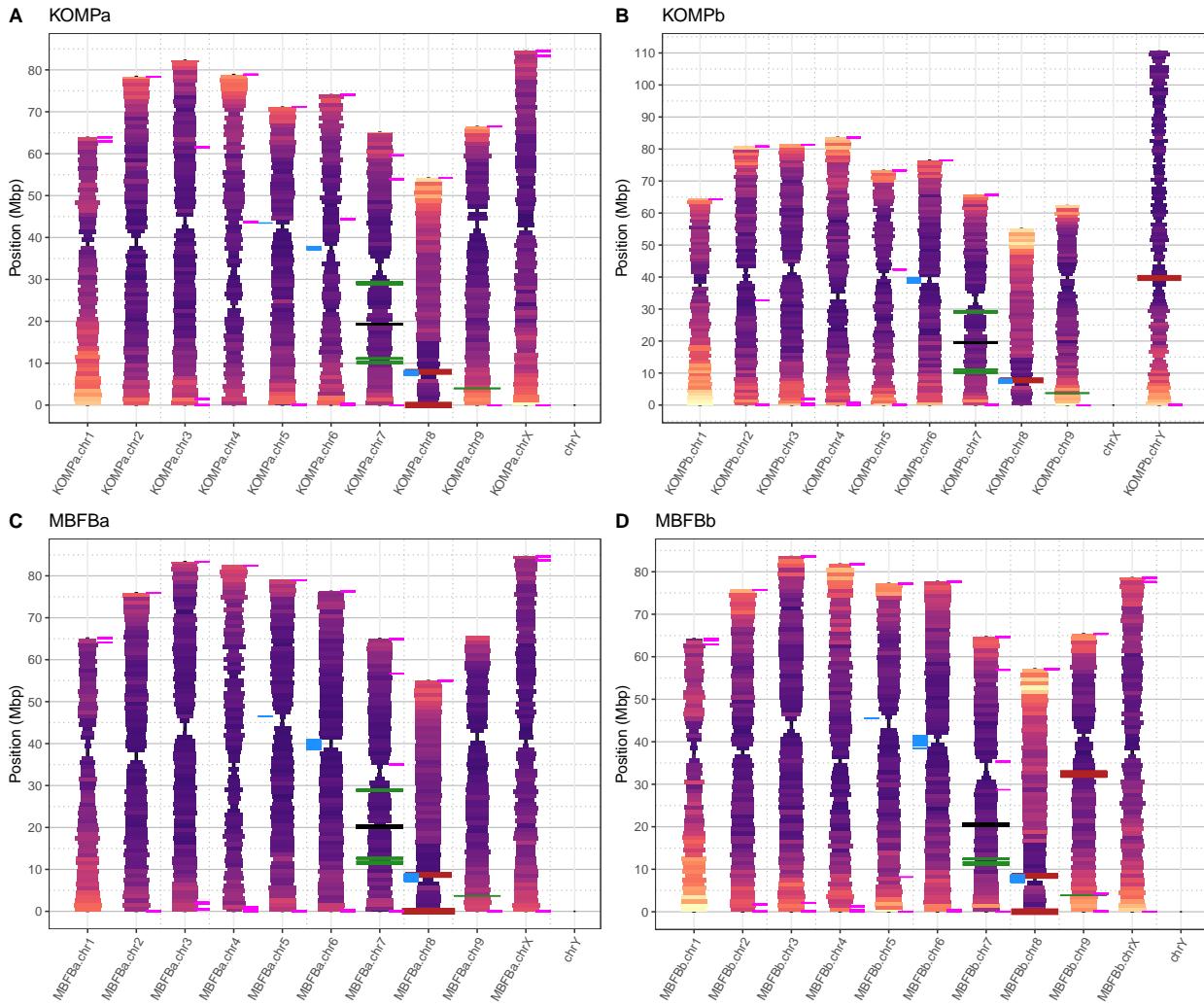


Figure 8: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

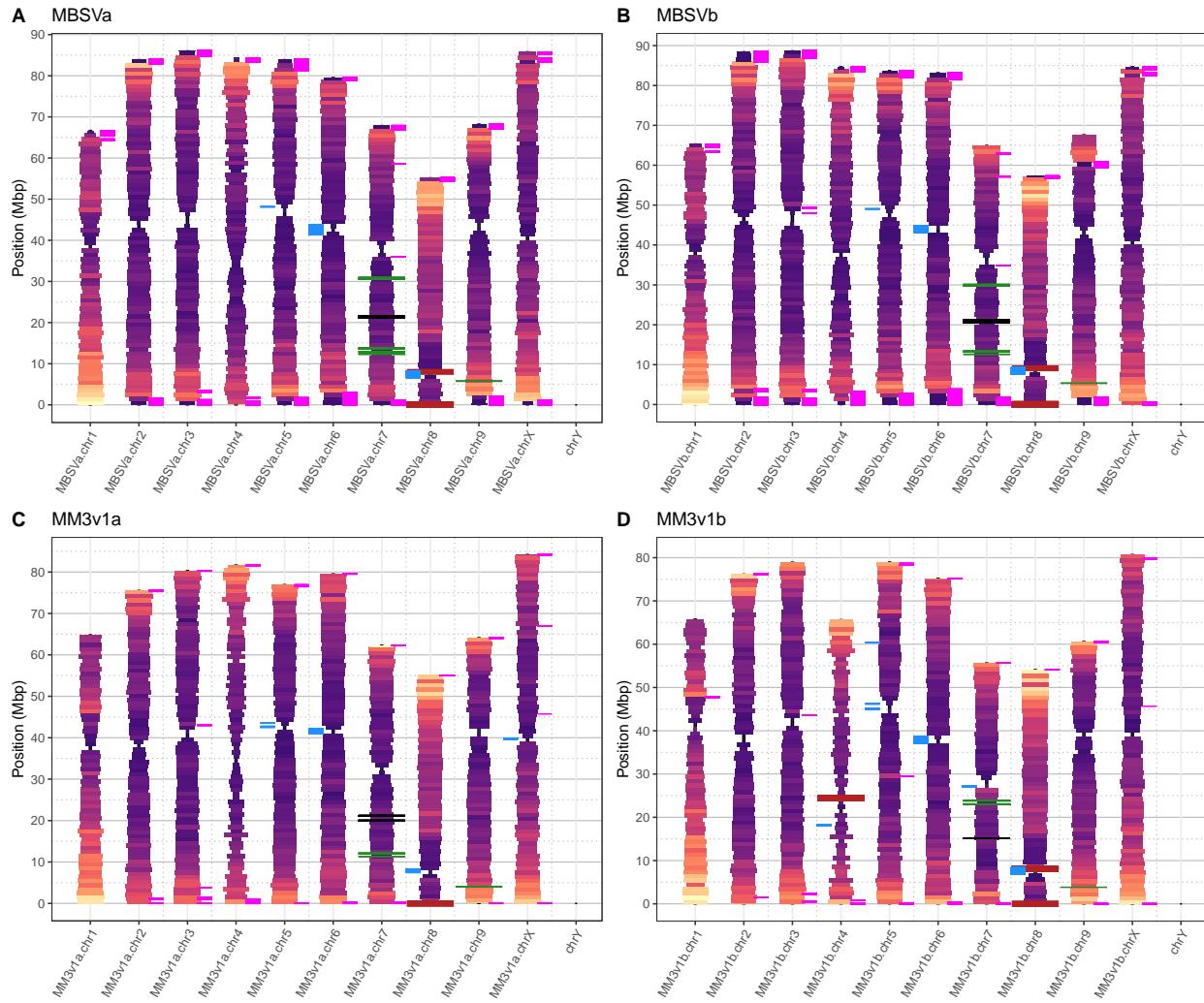


Figure 9: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

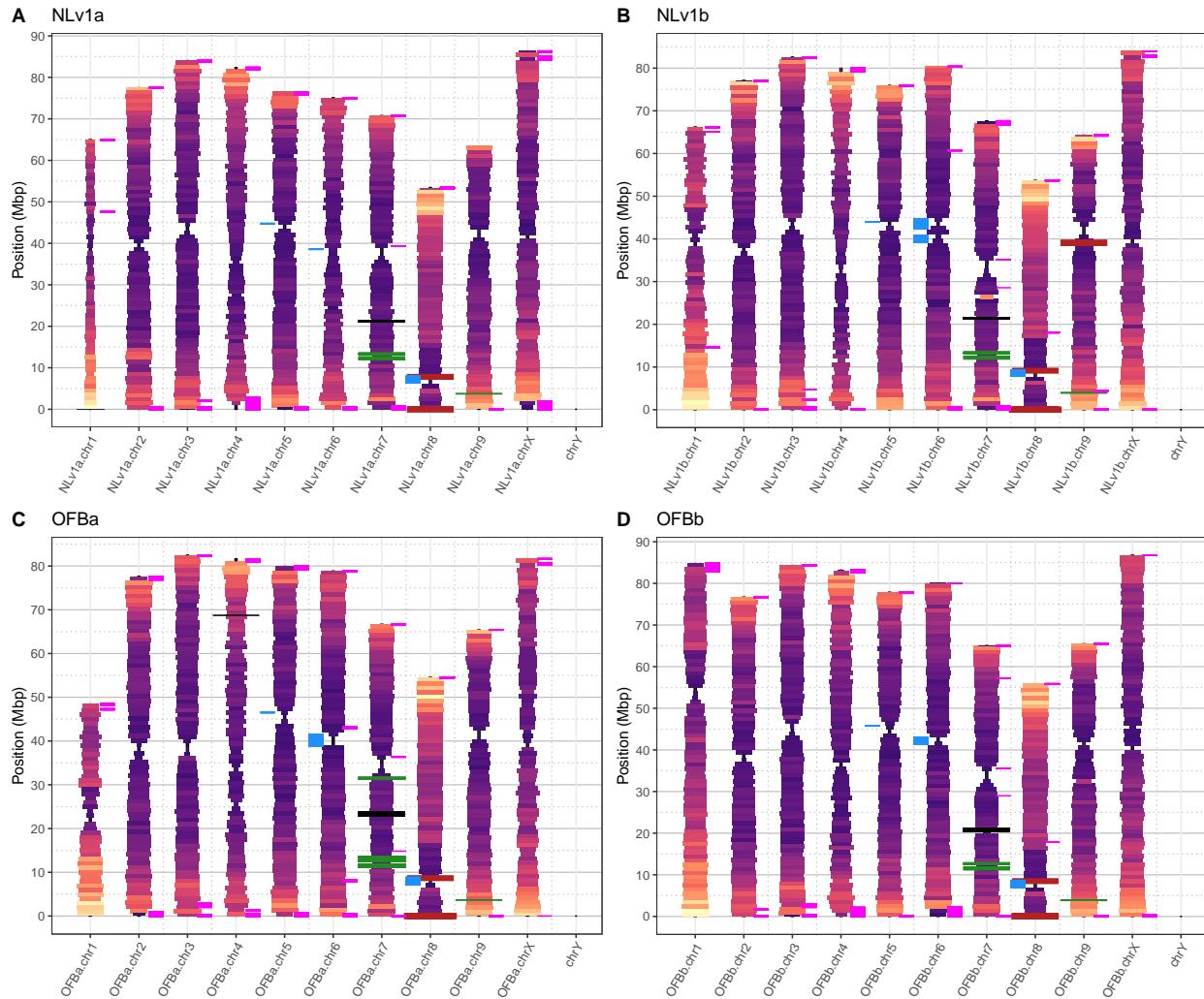


Figure 10: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

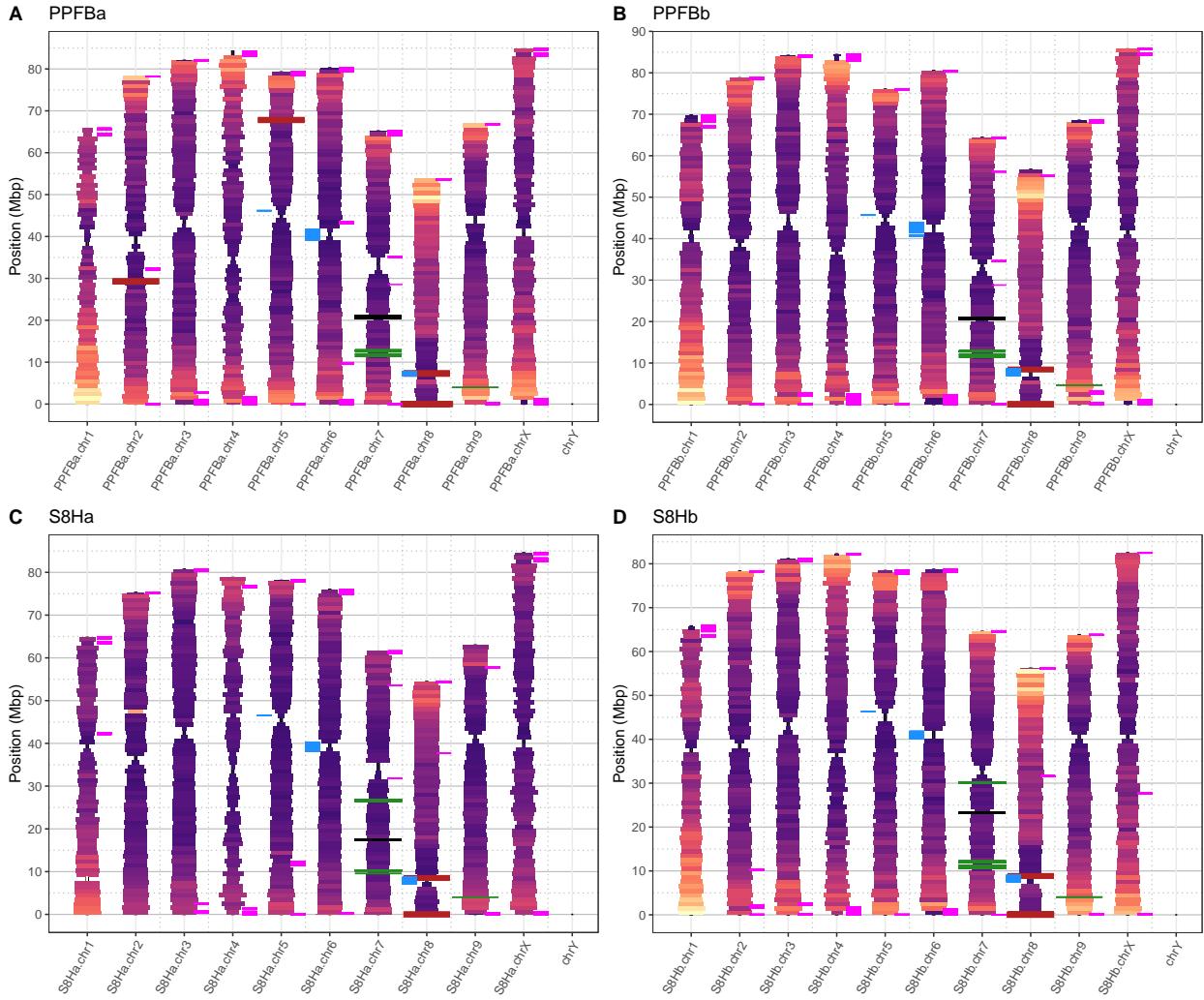


Figure 11: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

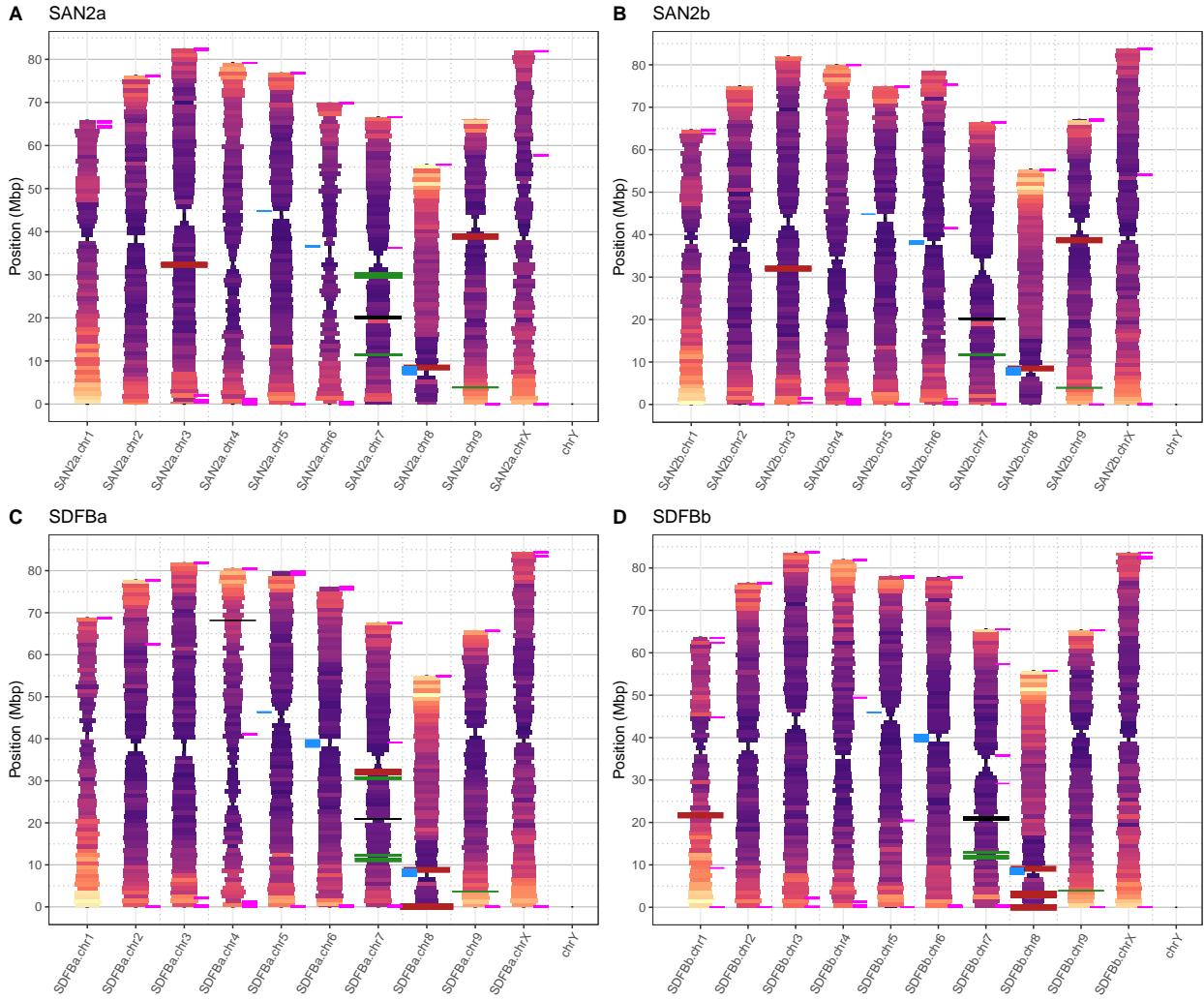


Figure 12: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

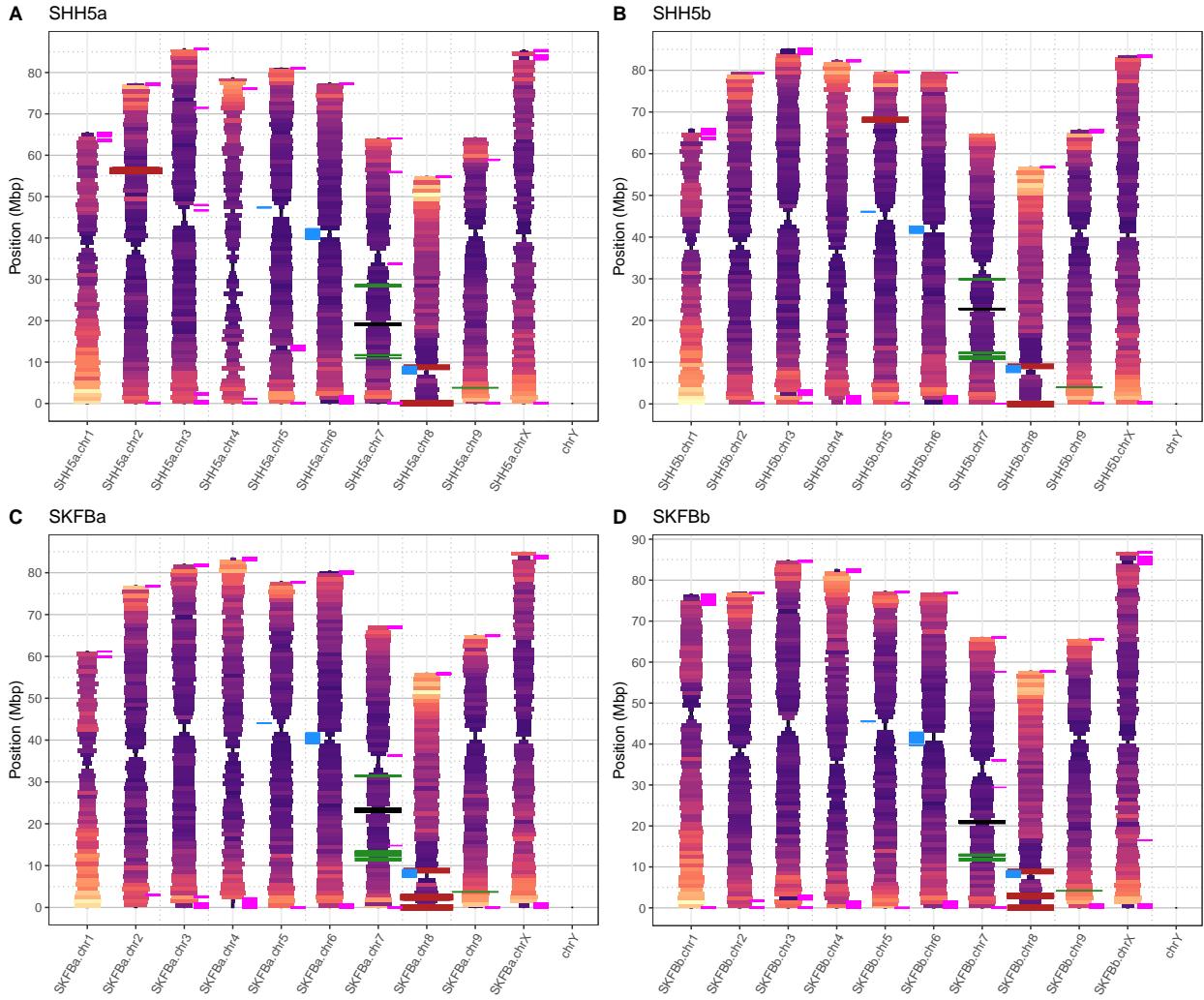


Figure 13: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

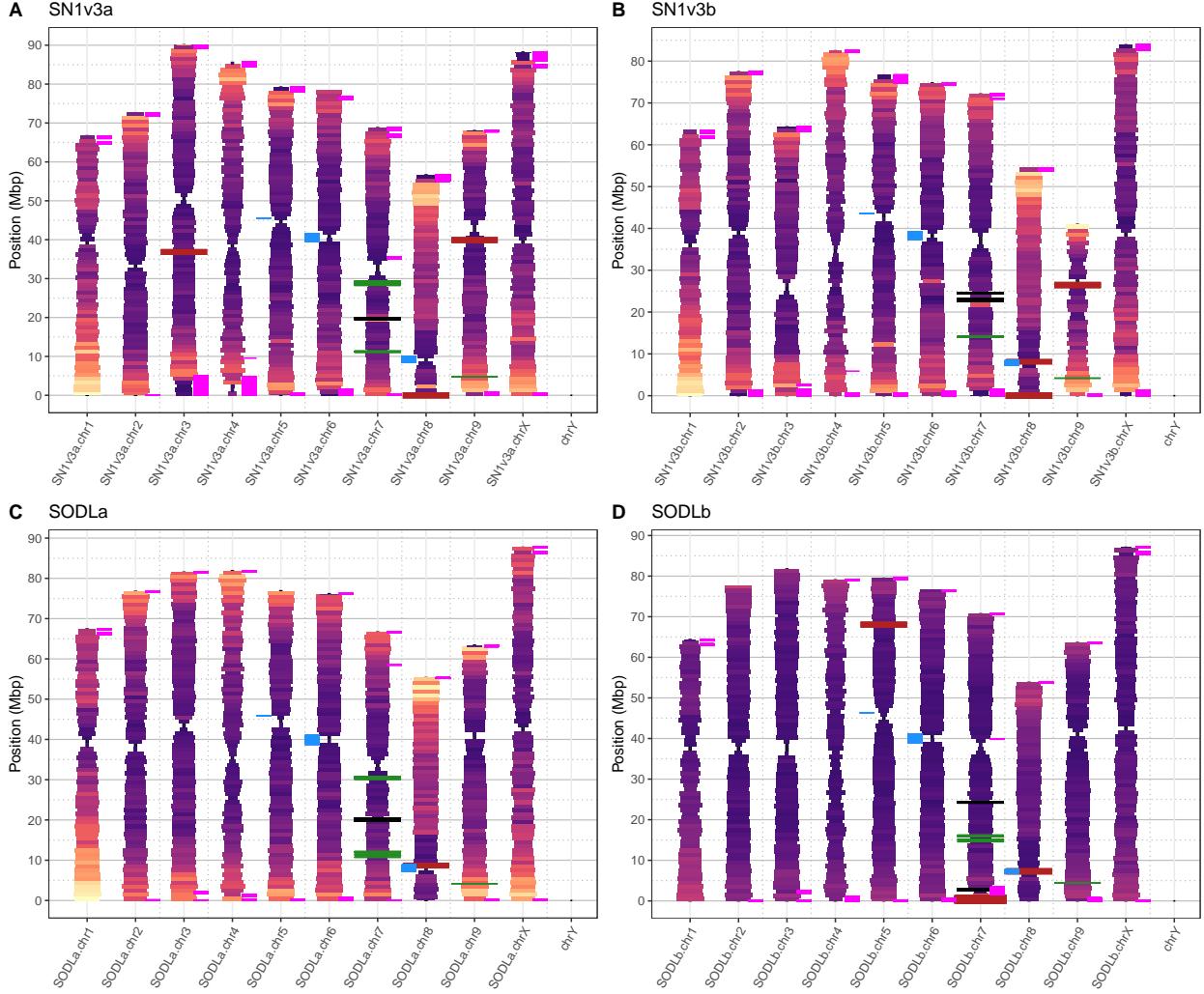


Figure 14: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

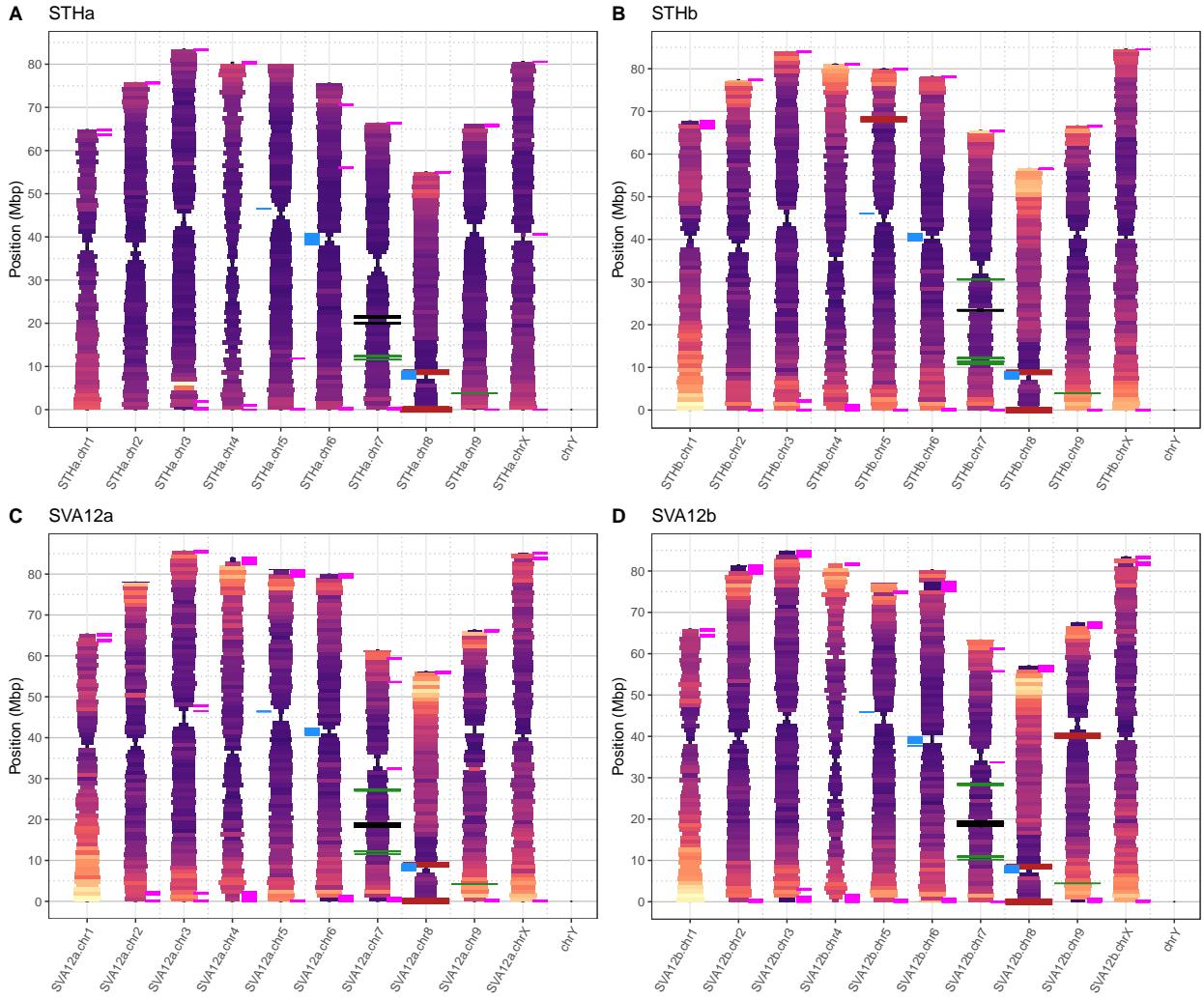


Figure 15: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

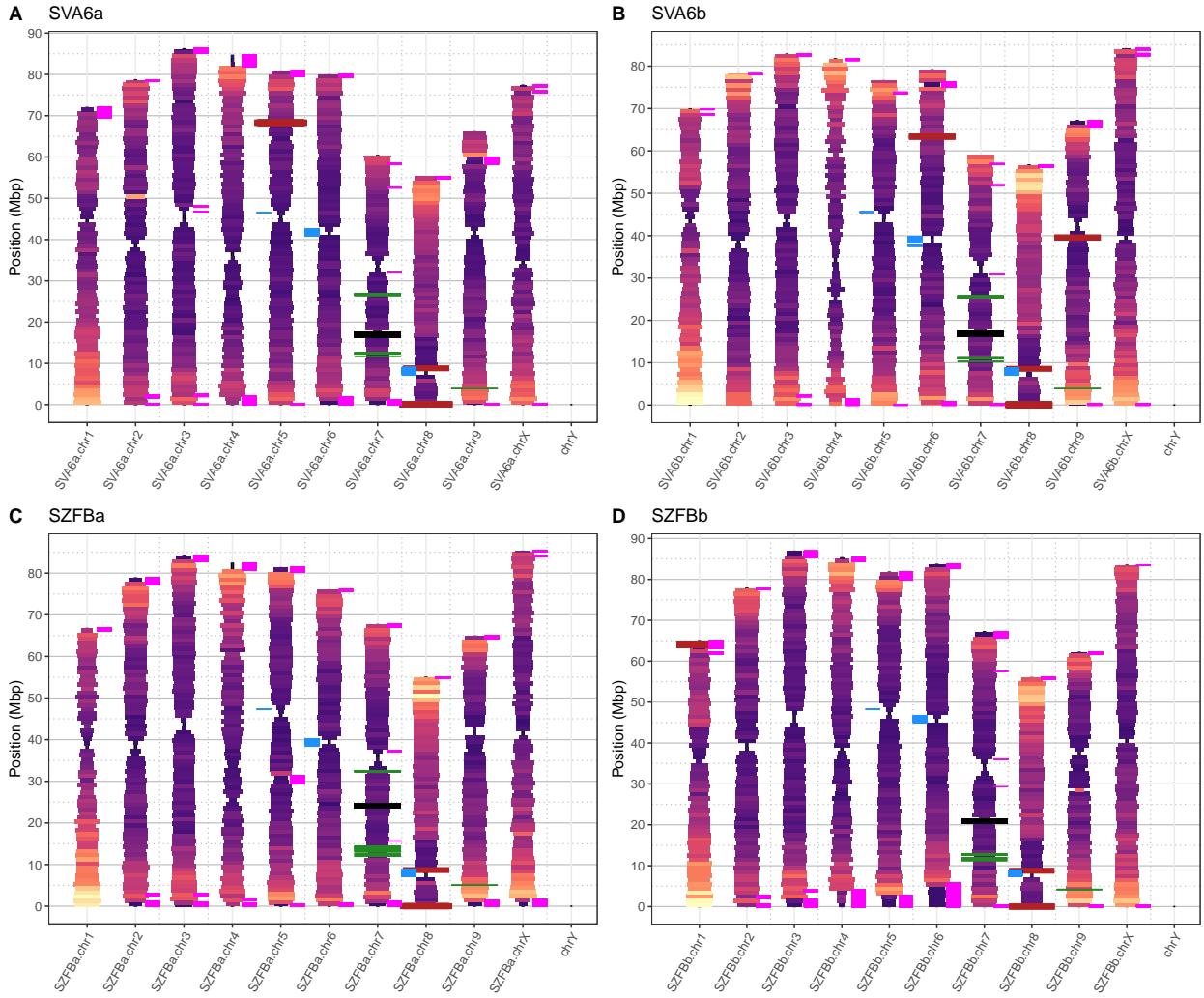


Figure 16: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

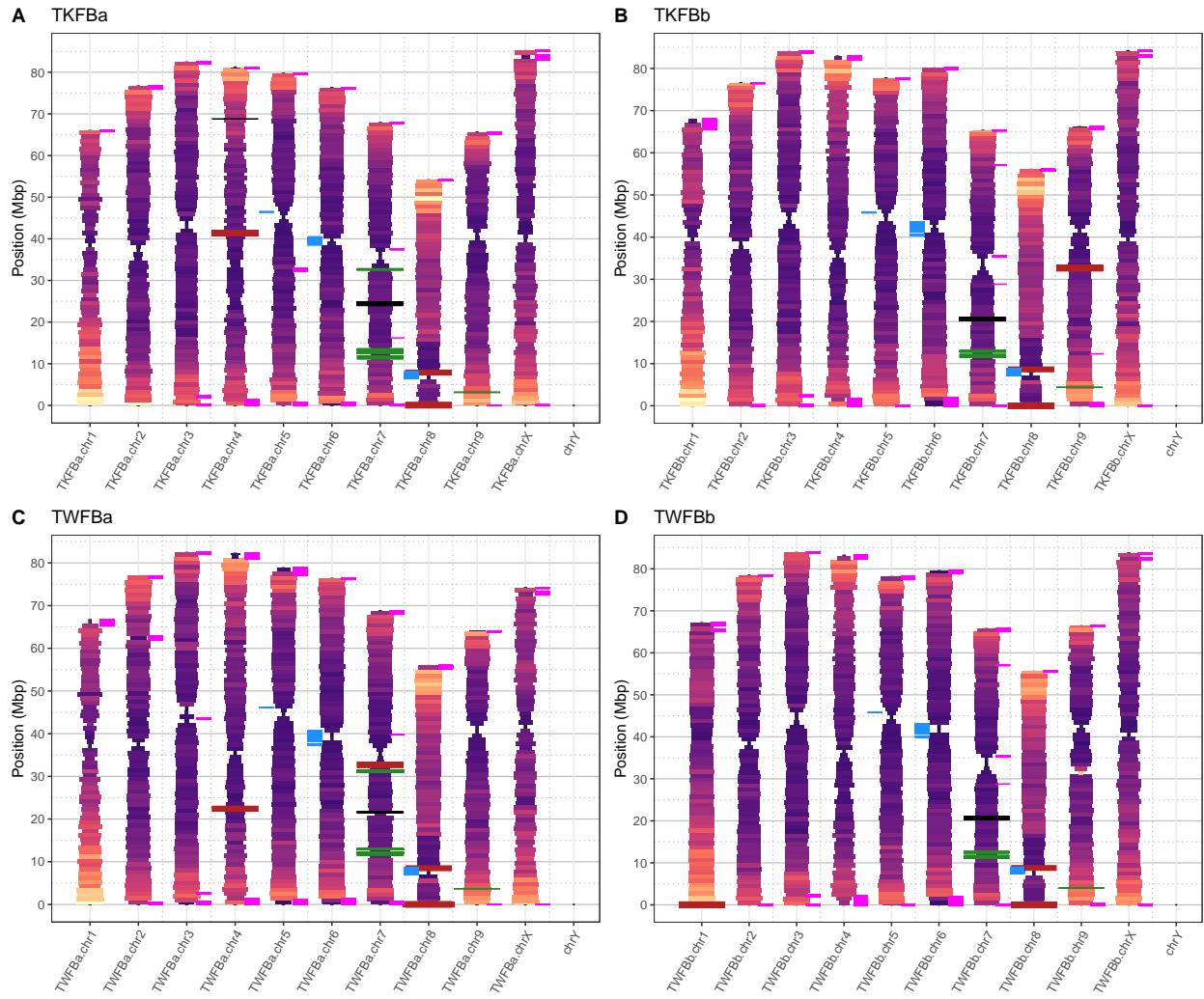


Figure 17: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

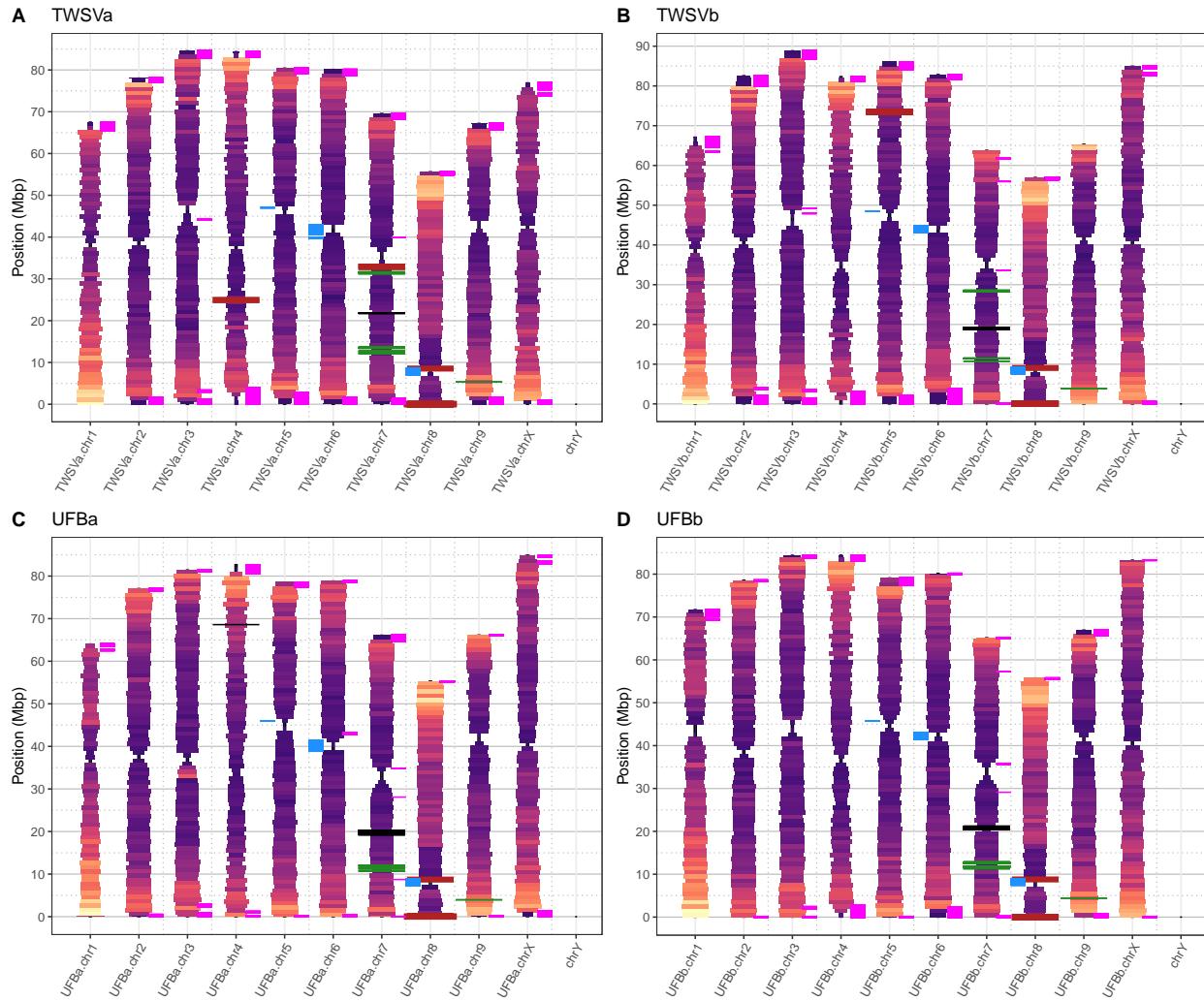


Figure 18: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

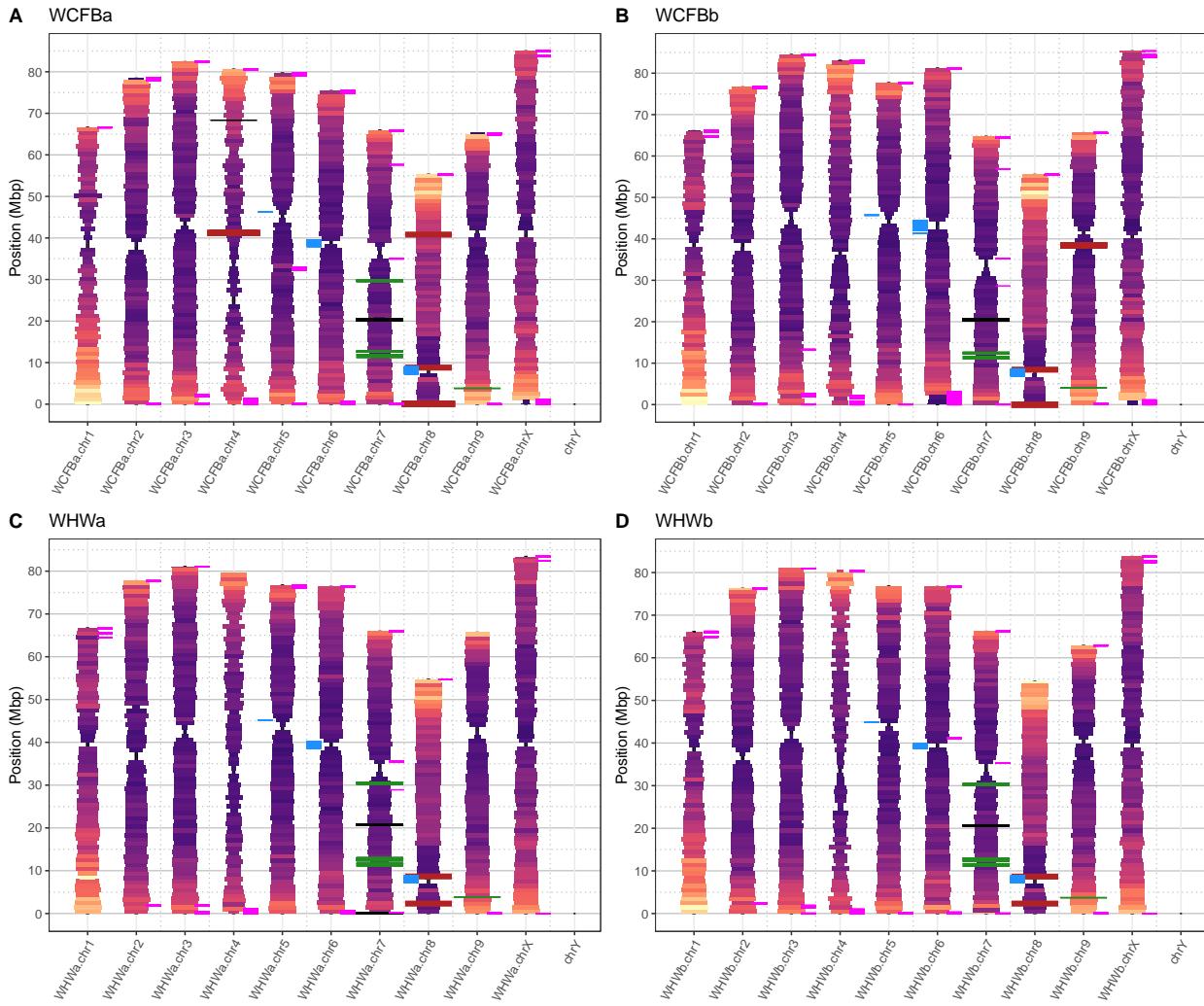


Figure 19: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).

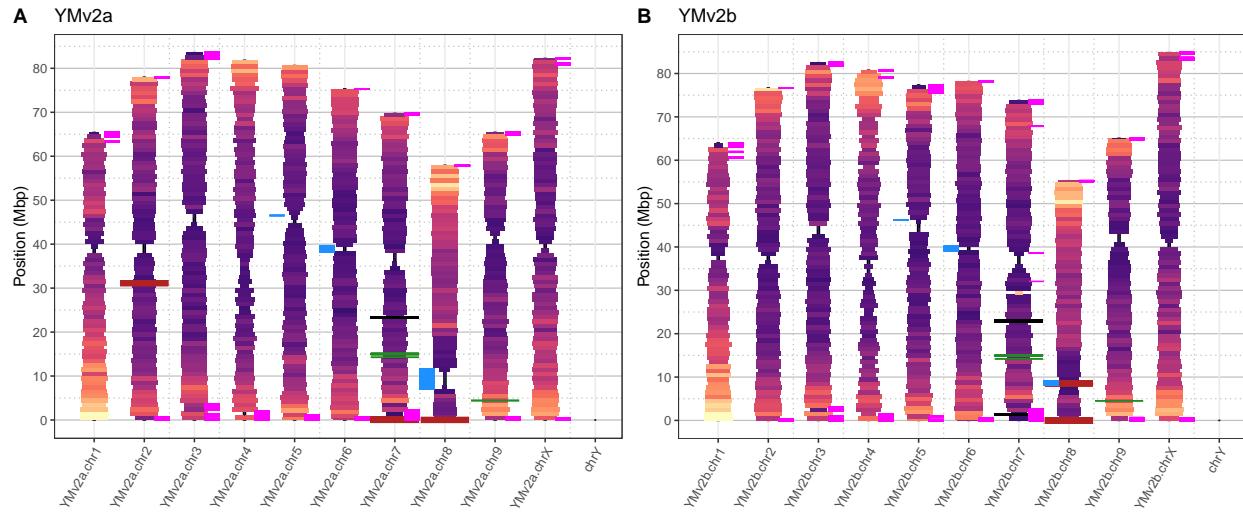


Figure 20: Ideogram of the *Cannabis sativa* genome. Each chromosome is presented as a set of 1 Mbp windows where the width is proportional to the abundance of the 'CpG' motif (wide is low abundance, narrow is high abundance) and colored by gene density (cool or blue colors are low gene density and hot or yellow colors are high gene density). The 45S, 26S, 18S, and 5.8S probes are in firebrick red (#B22222), the 5S probes are in black, Cannabinoids (CBCAS, CBDAS, THCAS, OAC) are in forest green. The probe 'CsatSD_centeromere_237bp' is in Dodger blue (#1E90FF), the probe 'CsatSD_centeromere_370bp' is in magenta (#FF00FF).