

High-Density Genetic Map Construction and Identification of QTLs Controlling Oleic and Linoleic Acid in Peanut using SLAF-seq and SSRs

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Figure S1

Peanut high density genetic map. The map was constructed based SLAF markers and SSR markers.

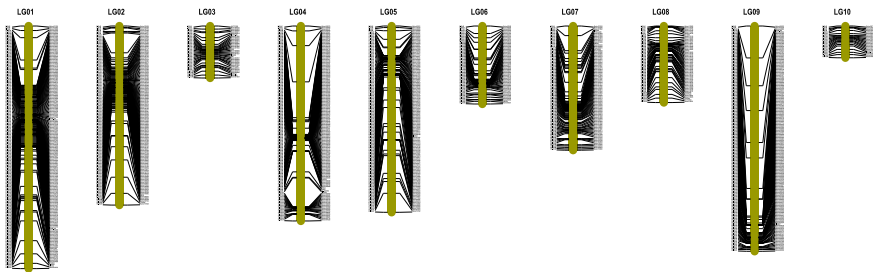
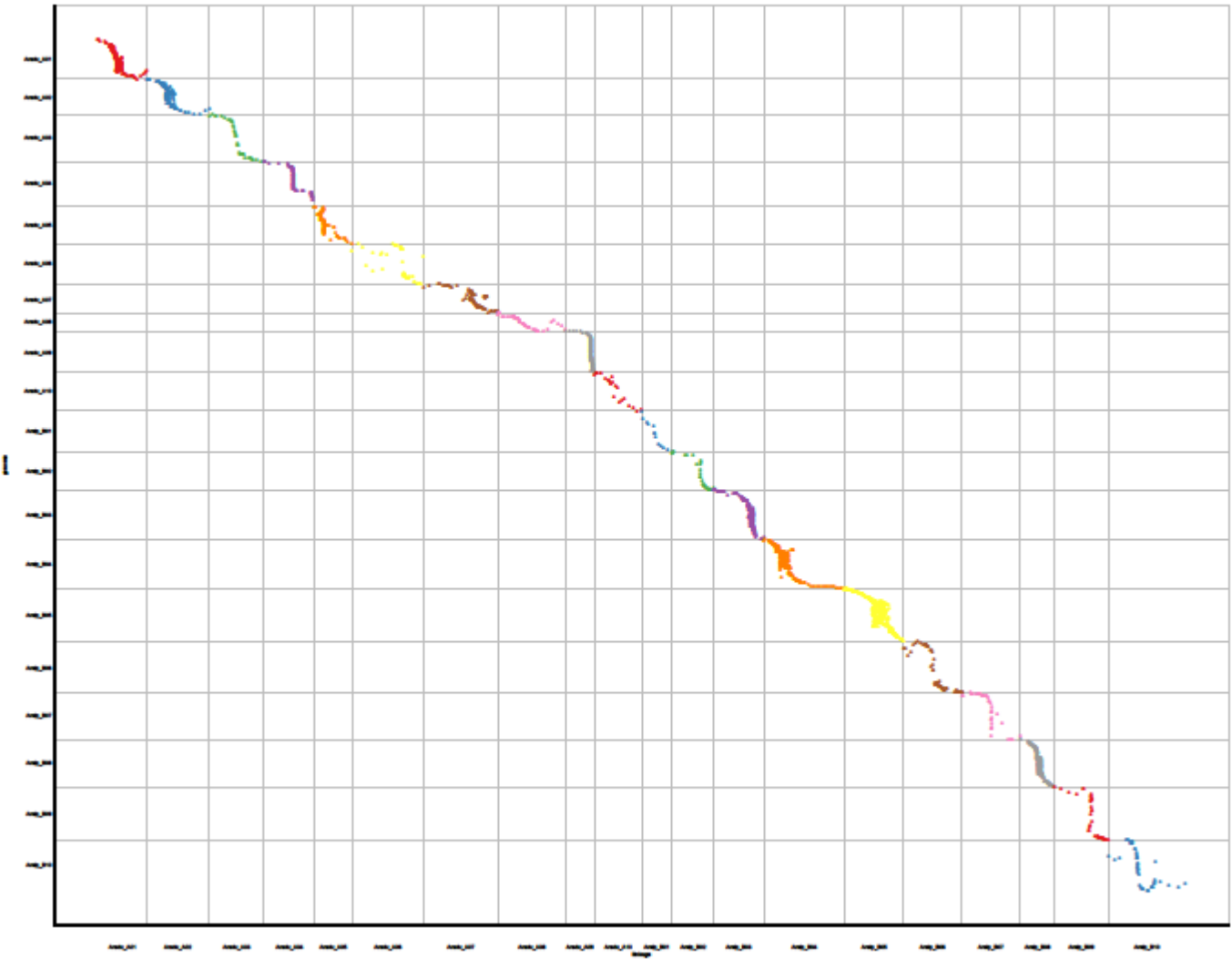


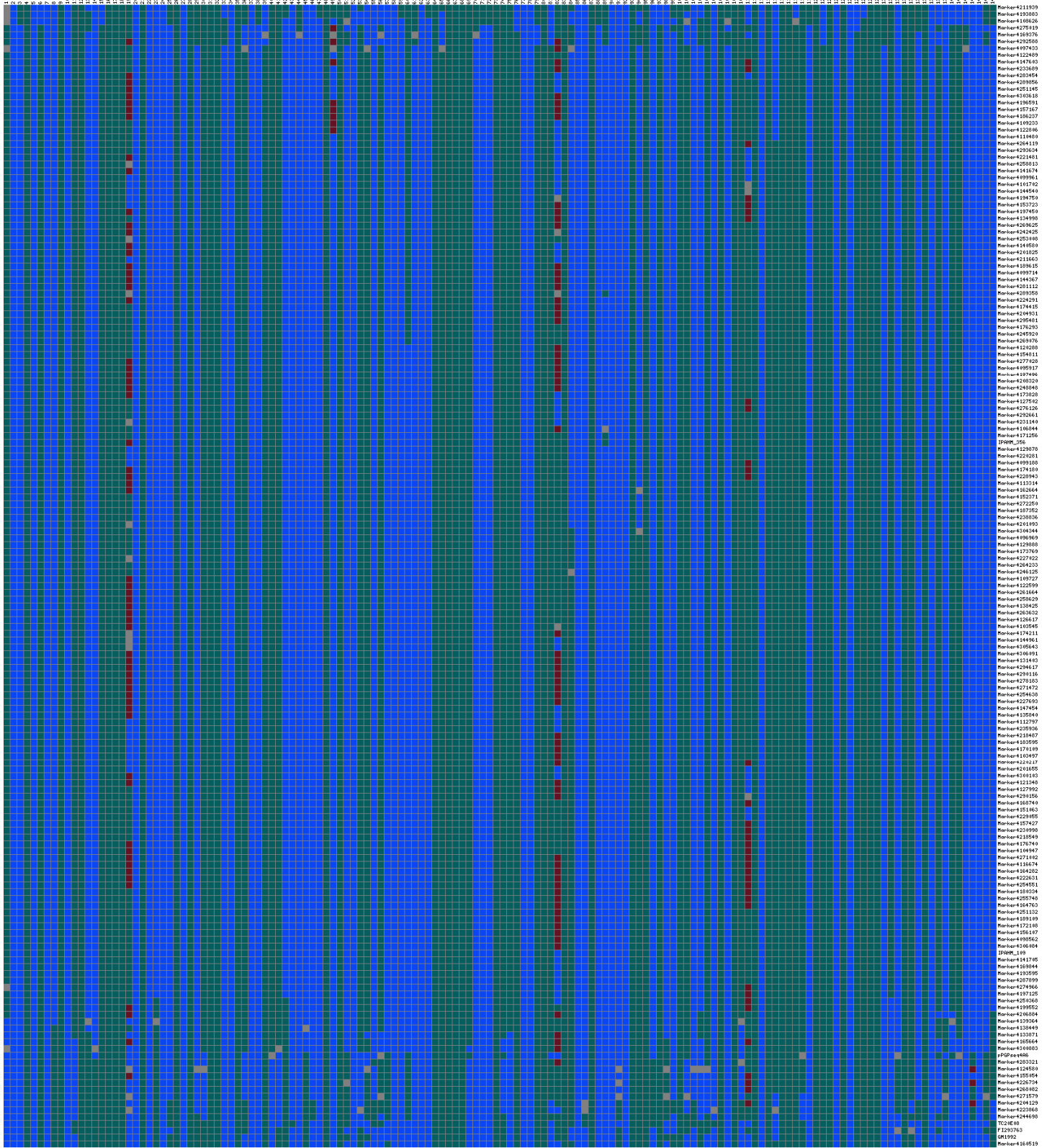
Figure S2: The correlation of the genetic and physical positions.

Axis of abscissa represents the genetic linkage group, axis of ordinate represents the physical positions.

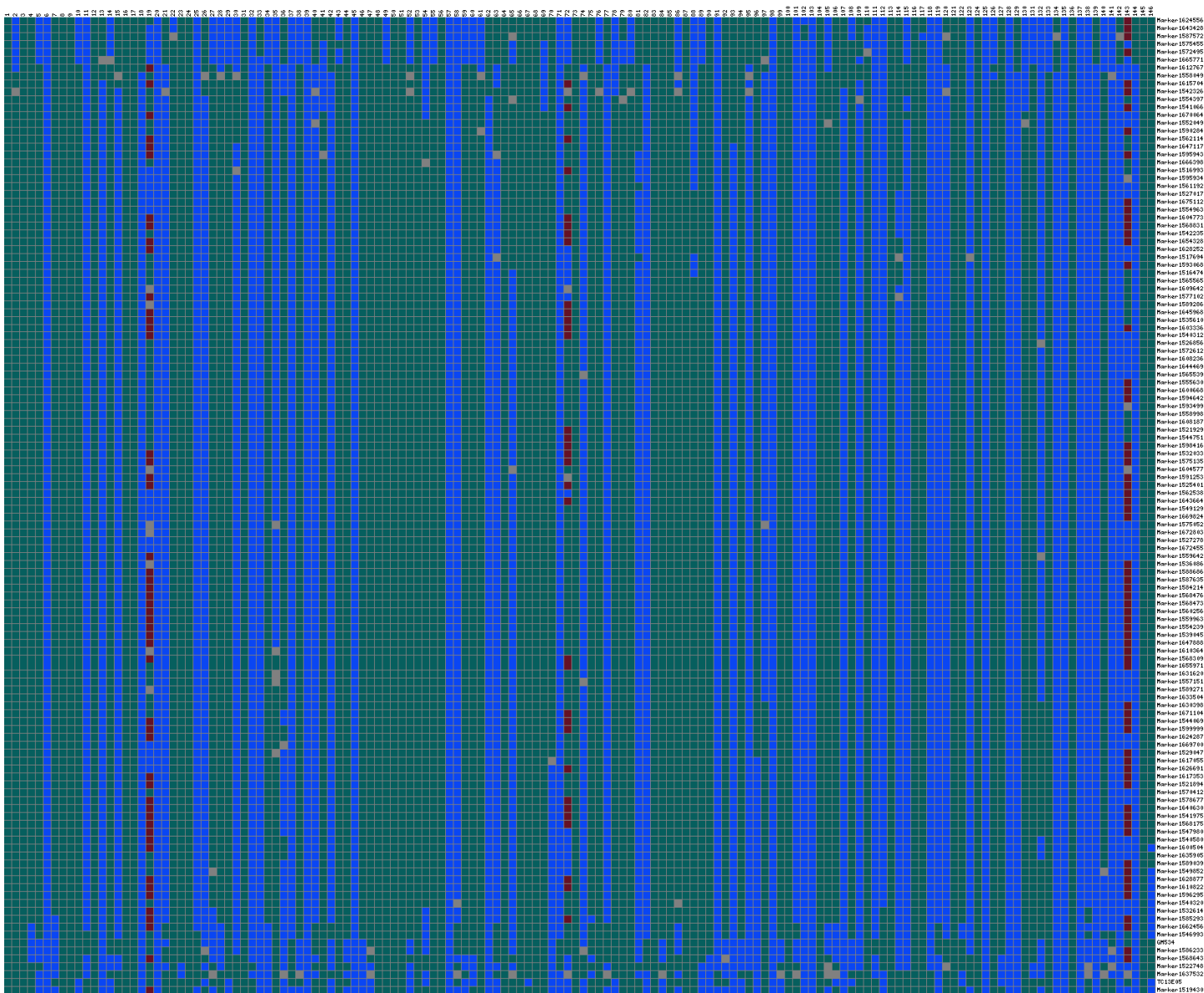


Addition file S1: Haplotype map of the genetic map

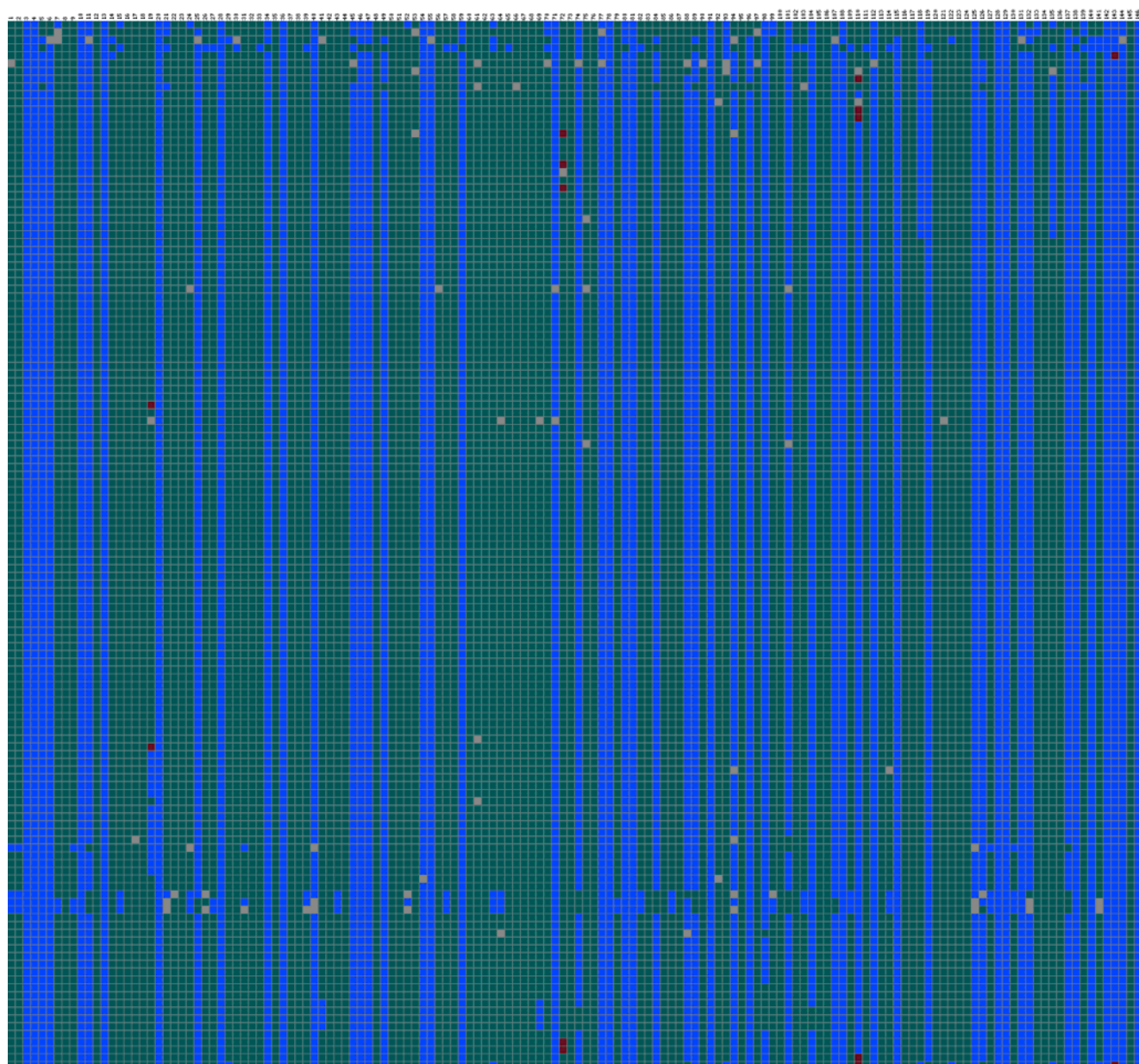
Haplotype map of the genetic map. Blue represents Huayu28, green represents P76, gray represents deletions, and red indicates heterozygosity.



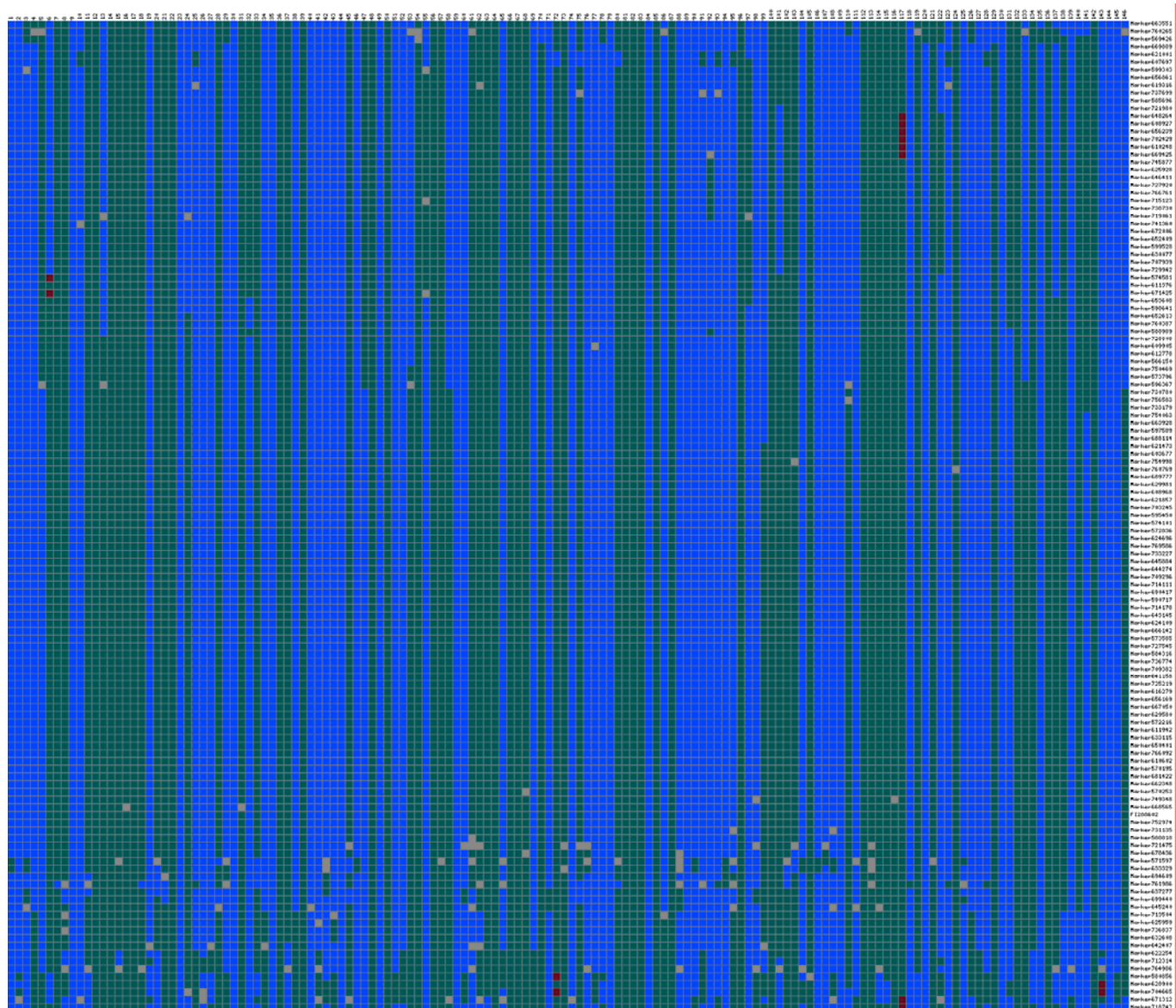
Haplotype map of the integrated map (Aradu_A01)



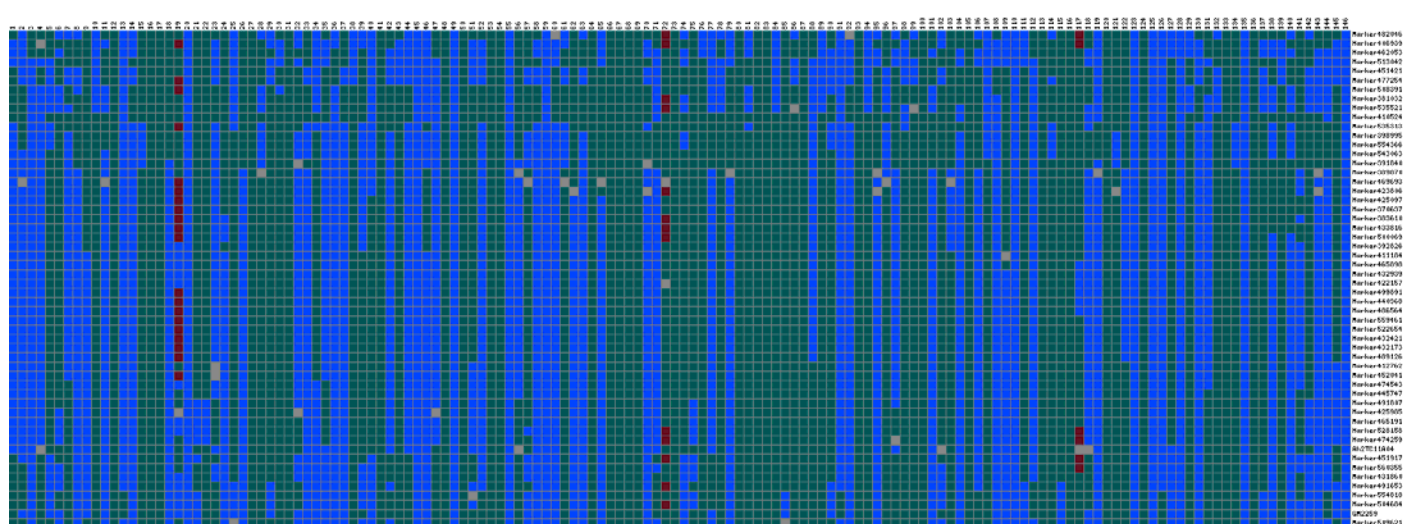
Haplotype map of the integrated map (Aradu_A02)



Haplotype map of the integrated map (Aradu_A04)



Haplotype map of the integrated map (Aradu_A05)



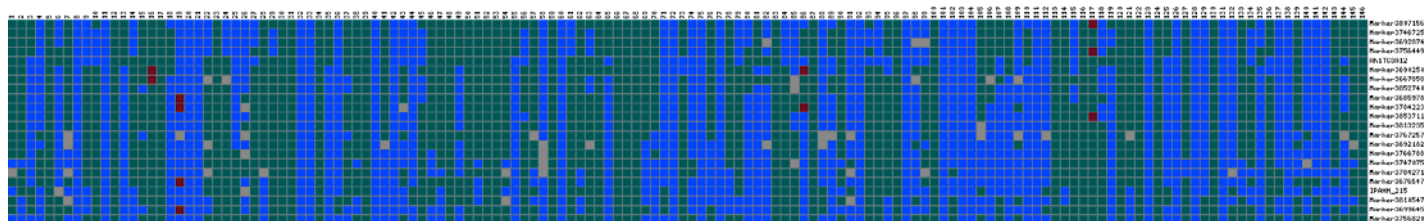
Haplotype map of the integrated map (Aradu_A06)



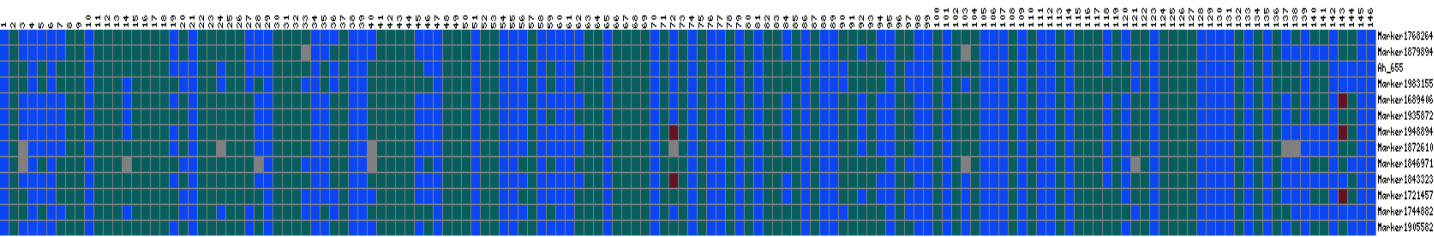
Haplotype map of the integrated map (Aradu_A07)



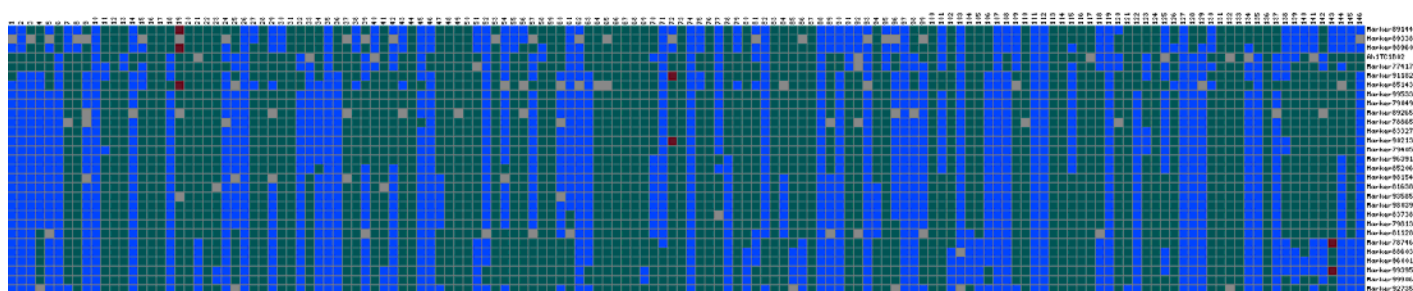
Haplotype map of the integrated map (Aradu_A09)



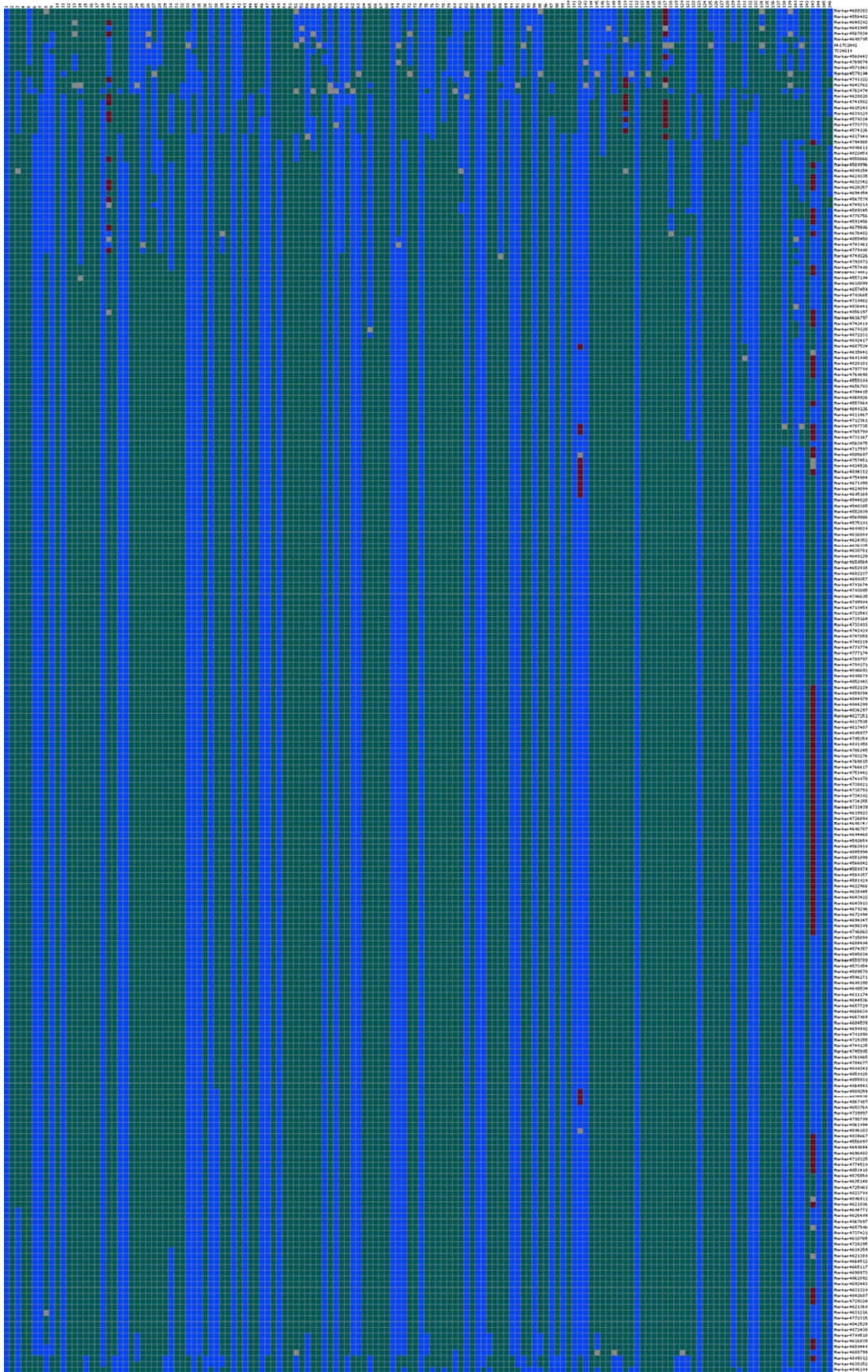
Haplotype map of the integrated map (Aradu_A10)



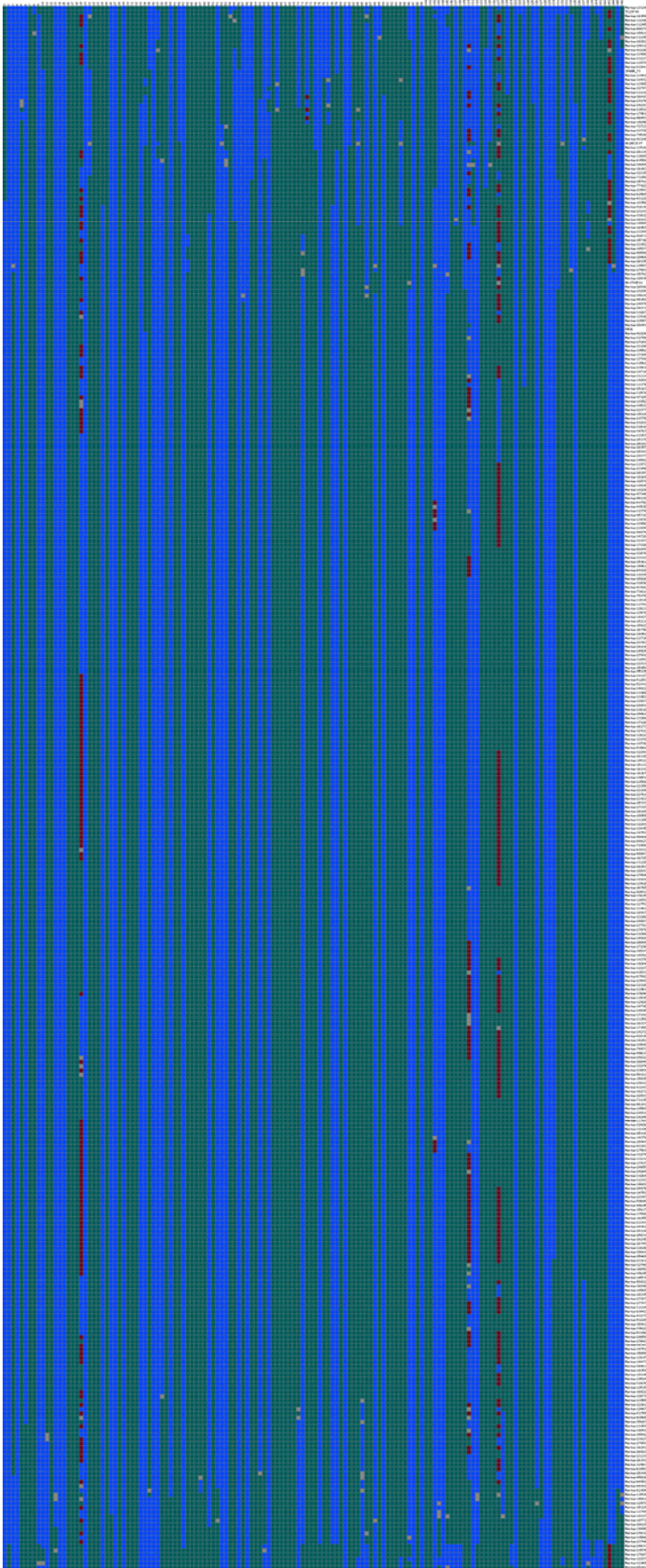
Haplotype map of the integrated map (Araip_B01)



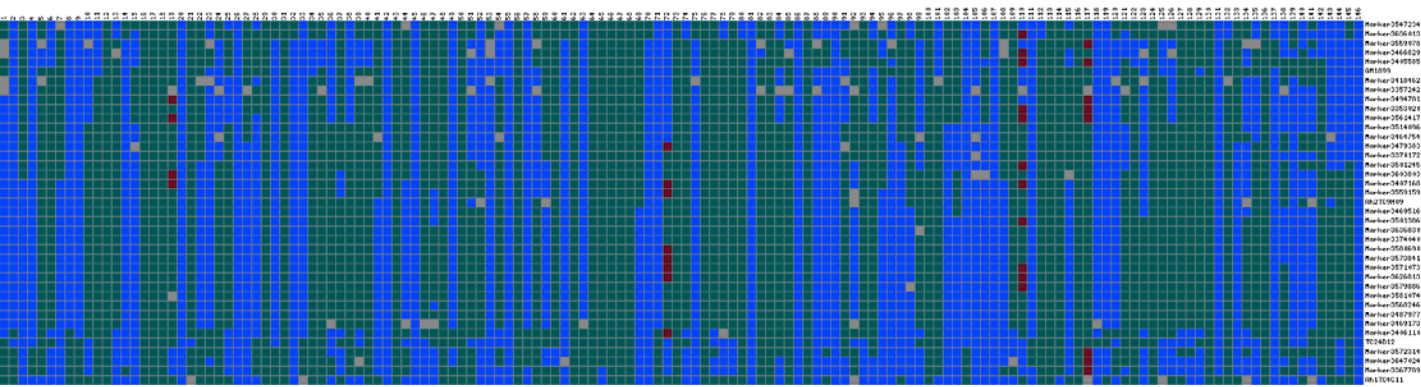
Haplotype map of the integrated map (Araip_B02)



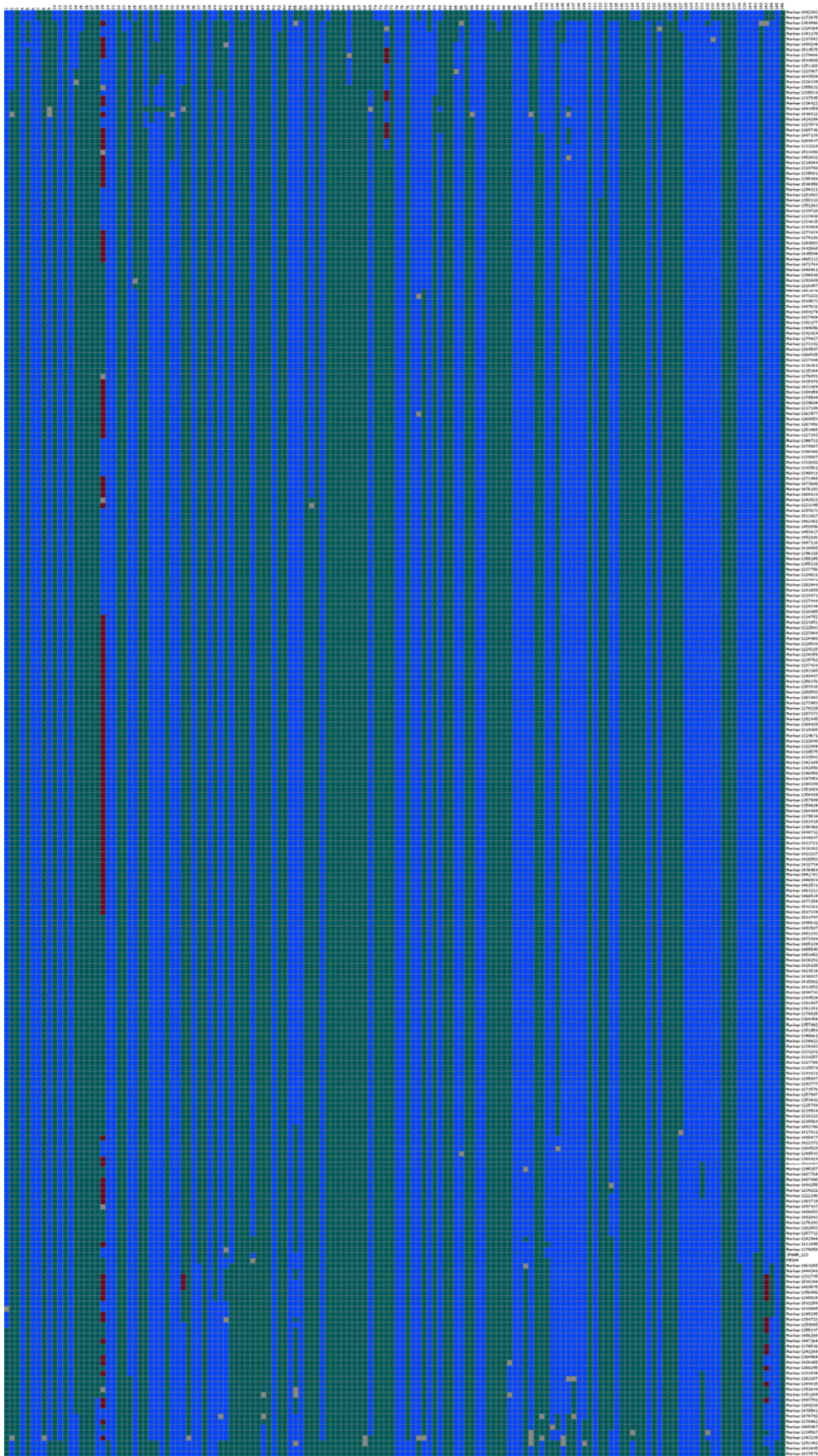
Haplotype map of the integrated map (Araip_B03)



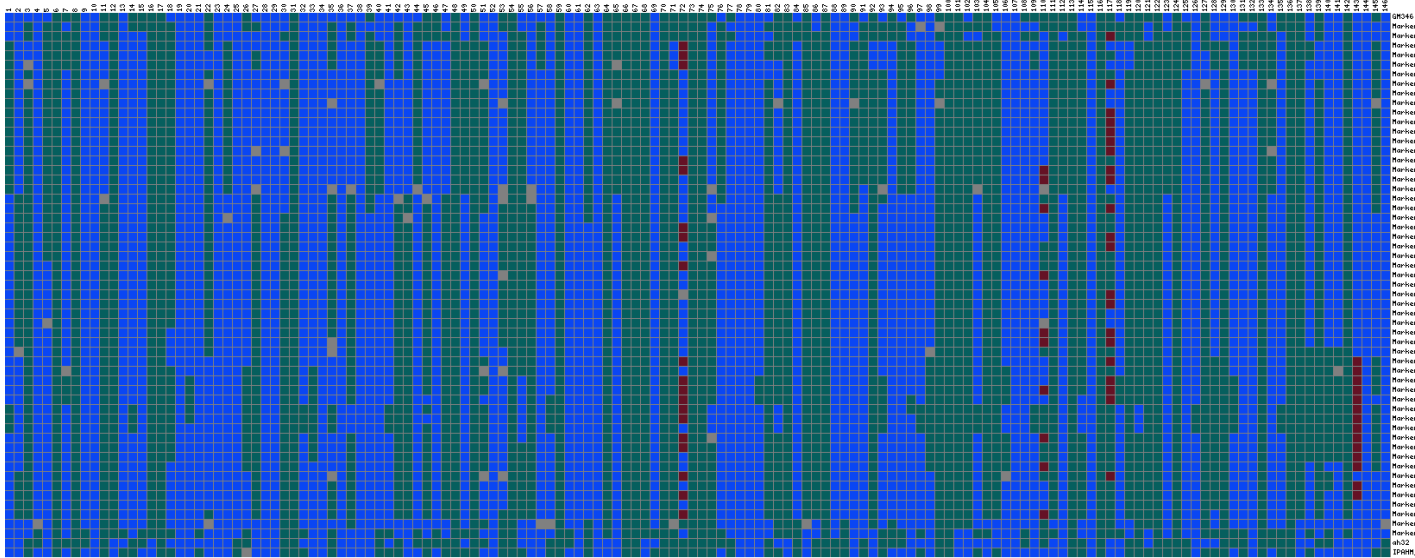
Haplotype map of the integrated map (Araip_B05)



Haplotype map of the integrated map (Araip_B07)



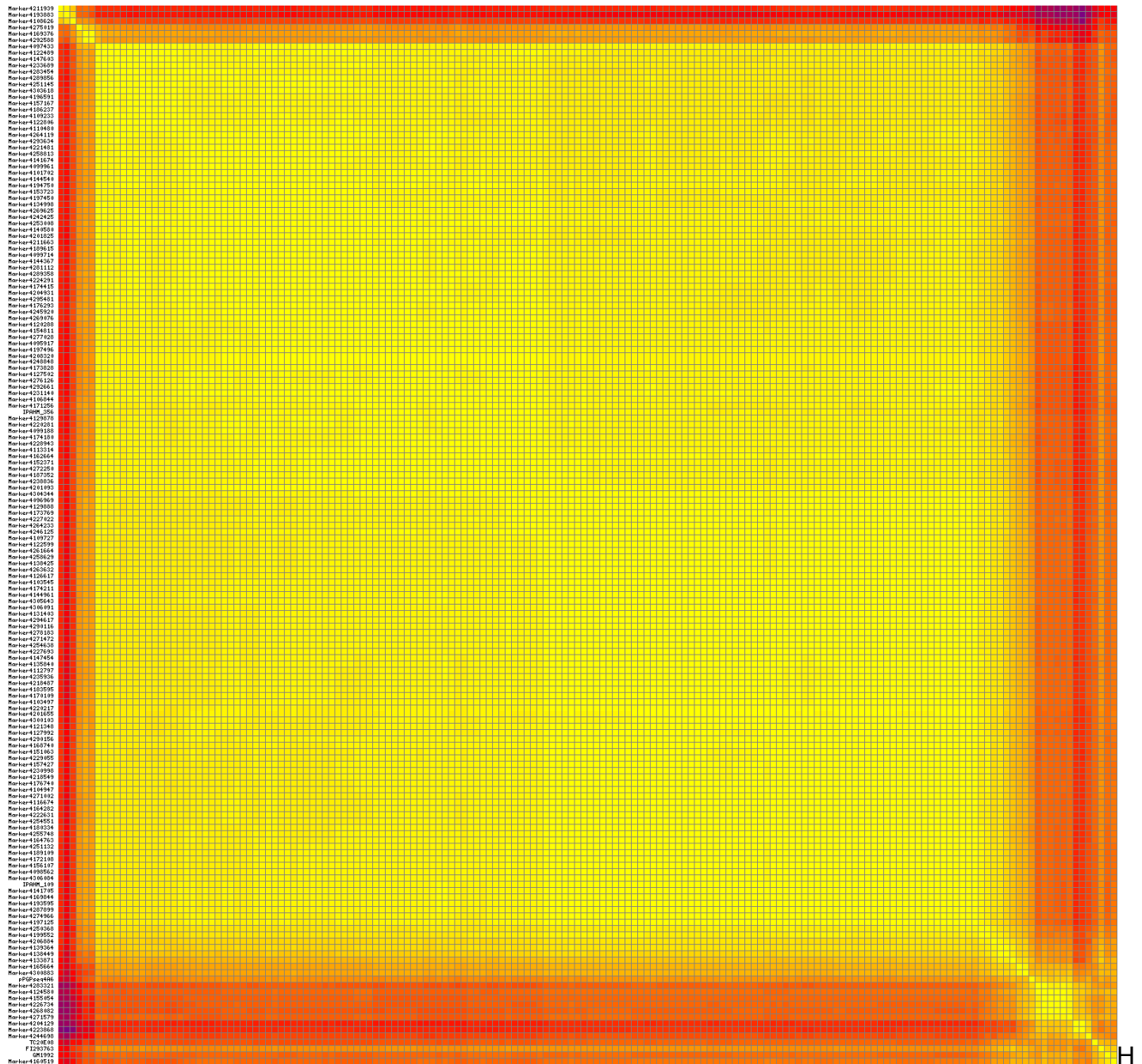
Haplotype map of the integrated map (Araip_B08)



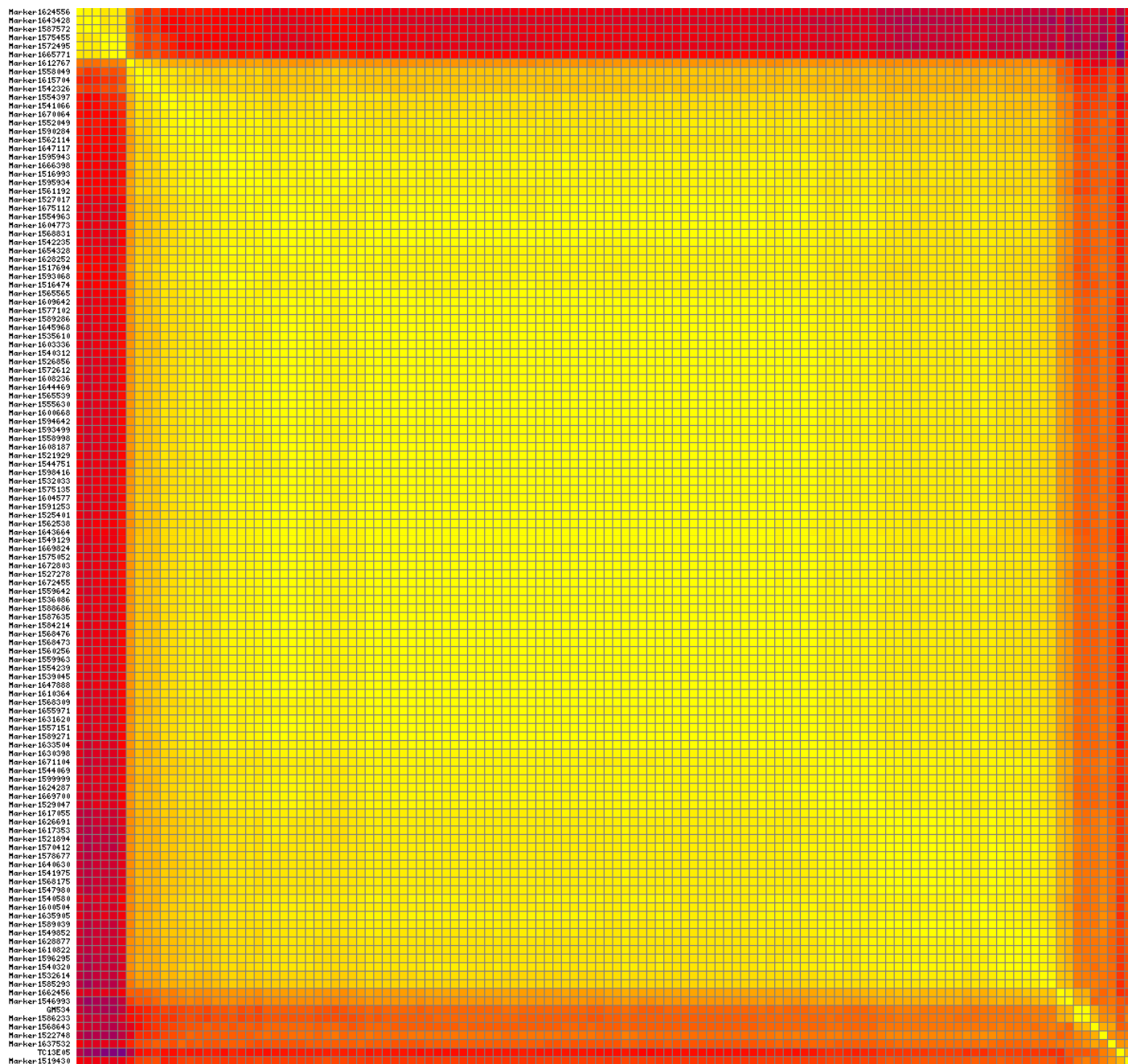
Haplotype map of the integrated map (Araip_B10)

Addition file S2 Heat map of the genetic map.

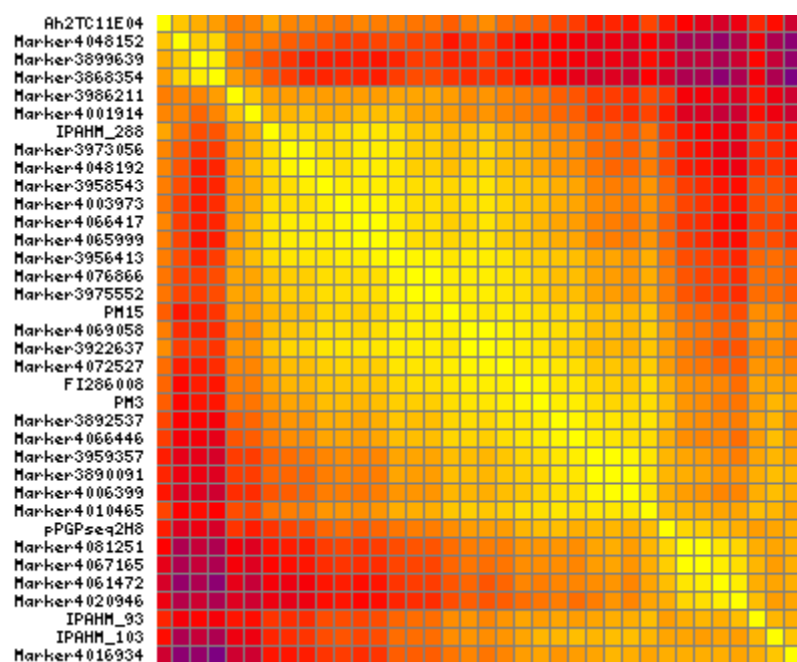
Each cell represents the recombination rate of two markers. Yellow indicates a lower recombination rate and purple a higher one.



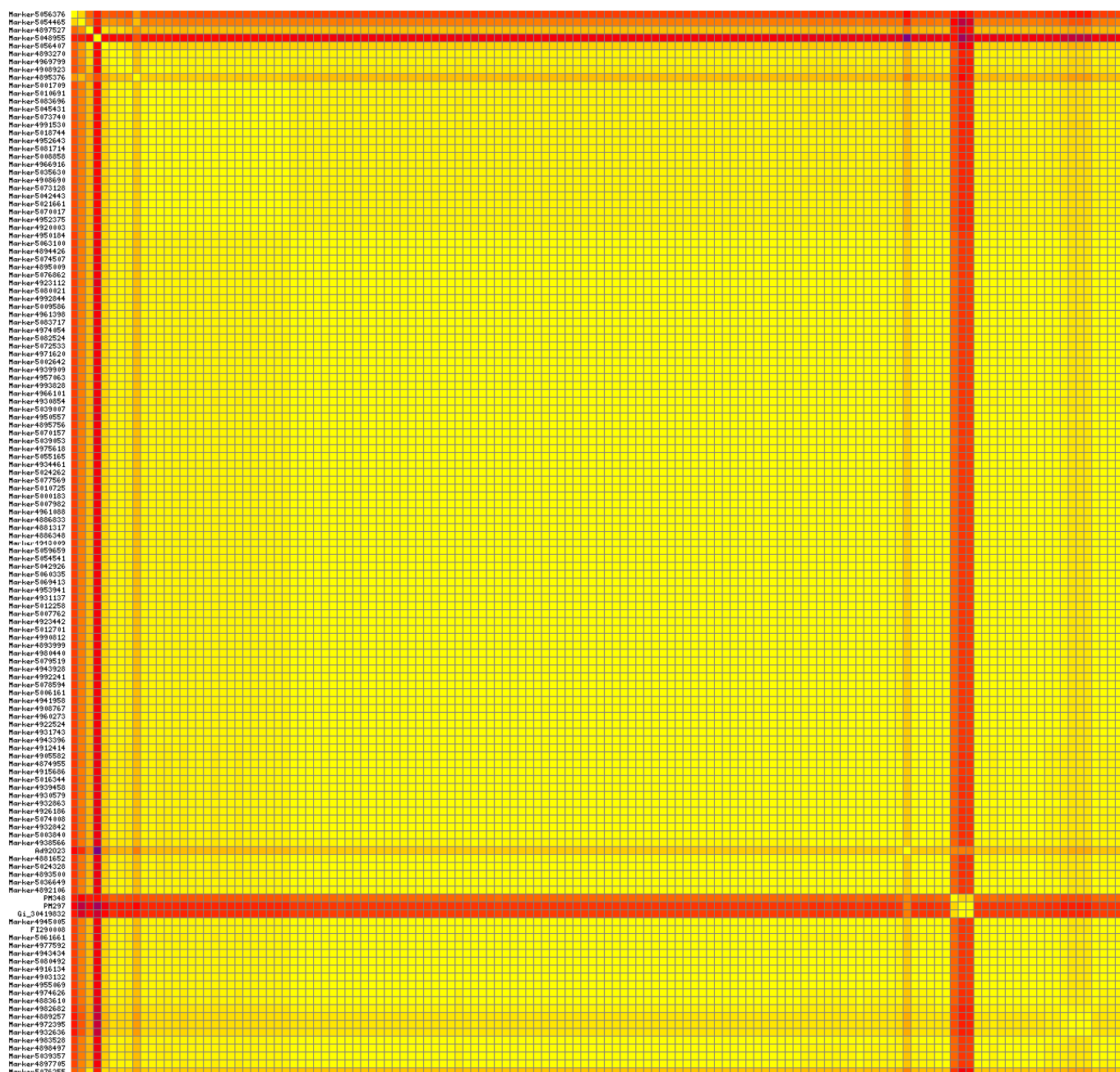
Heat map of the genetic map (Aradu_A01)



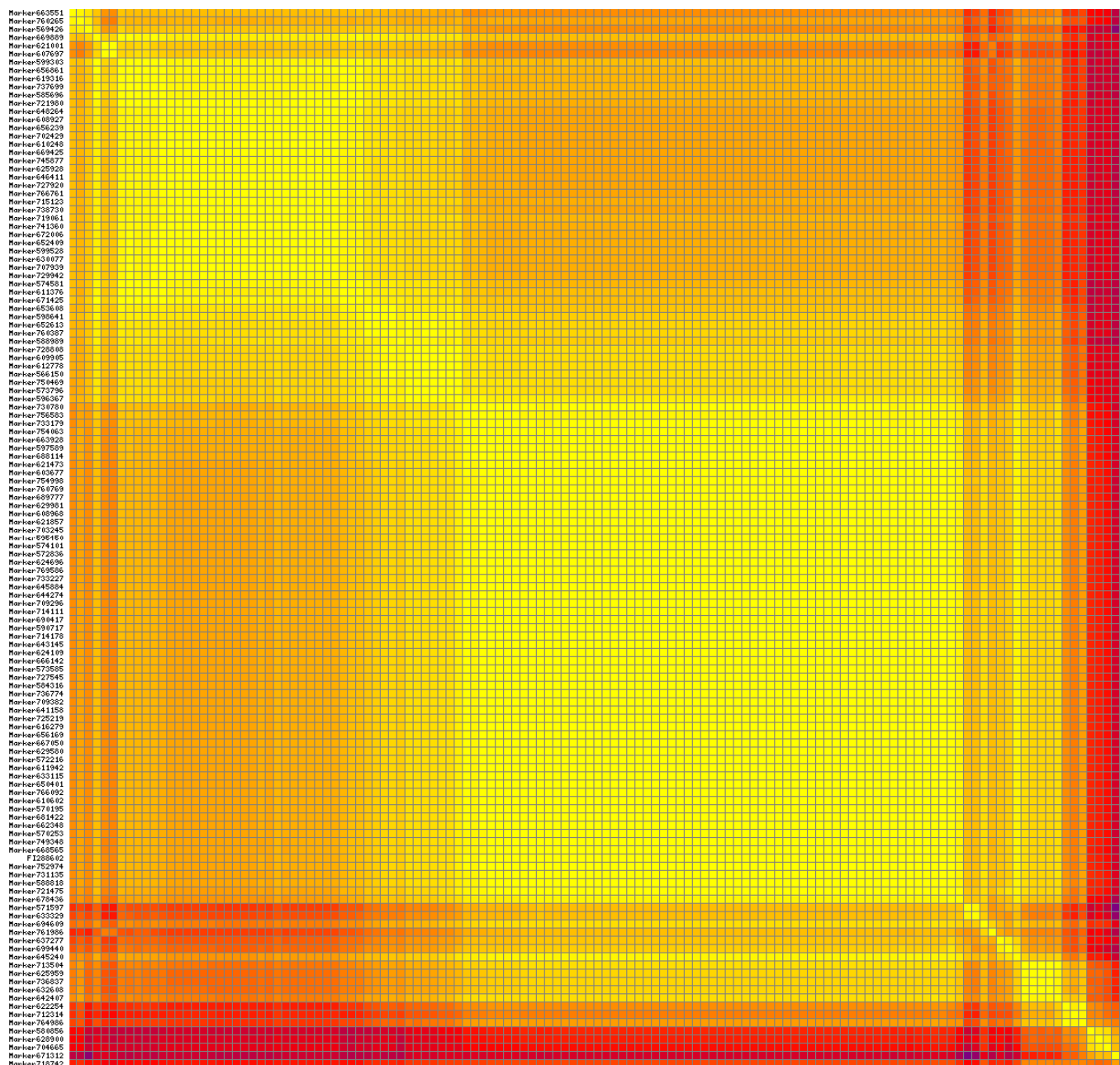
Heat map of the genetic map (Aradu_A02)



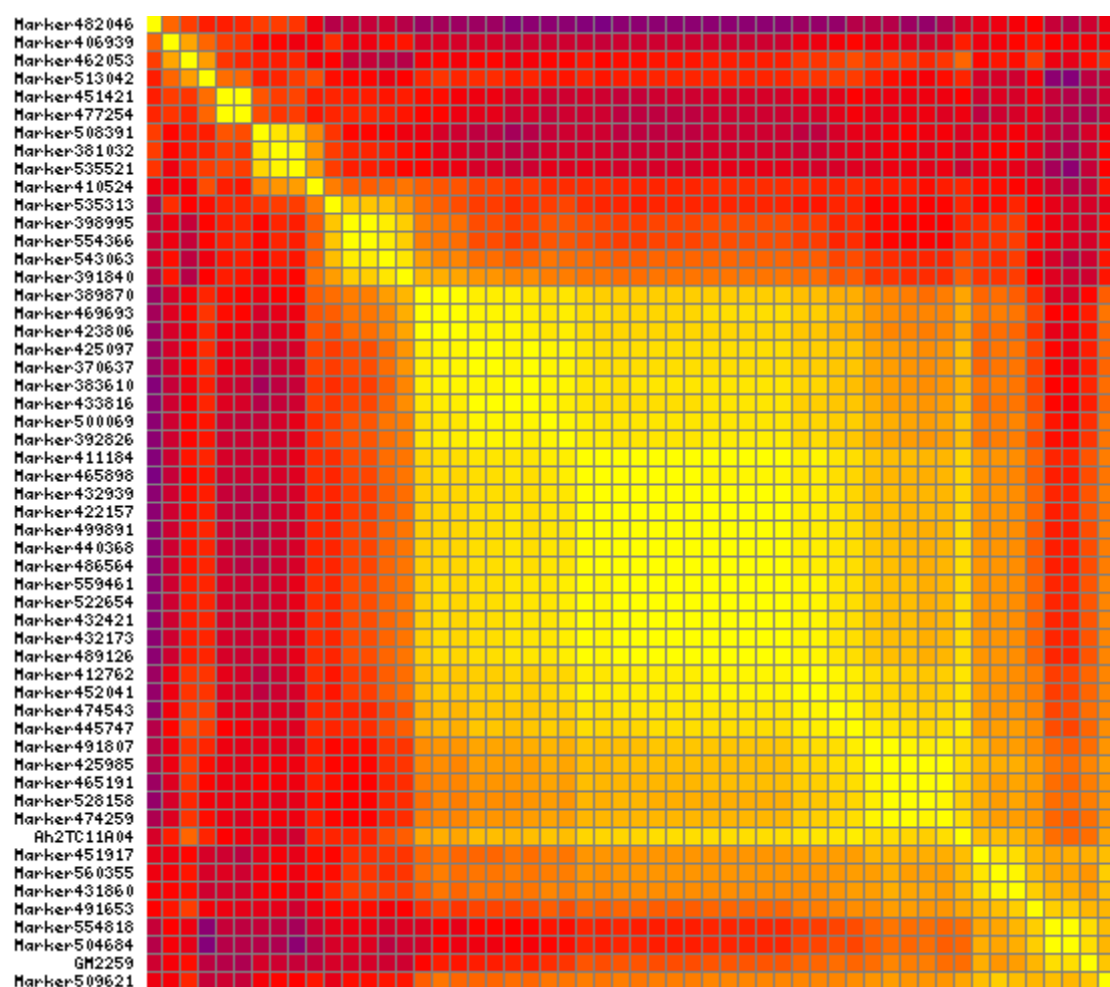
Heat map of the genetic map (Aradu_A03)



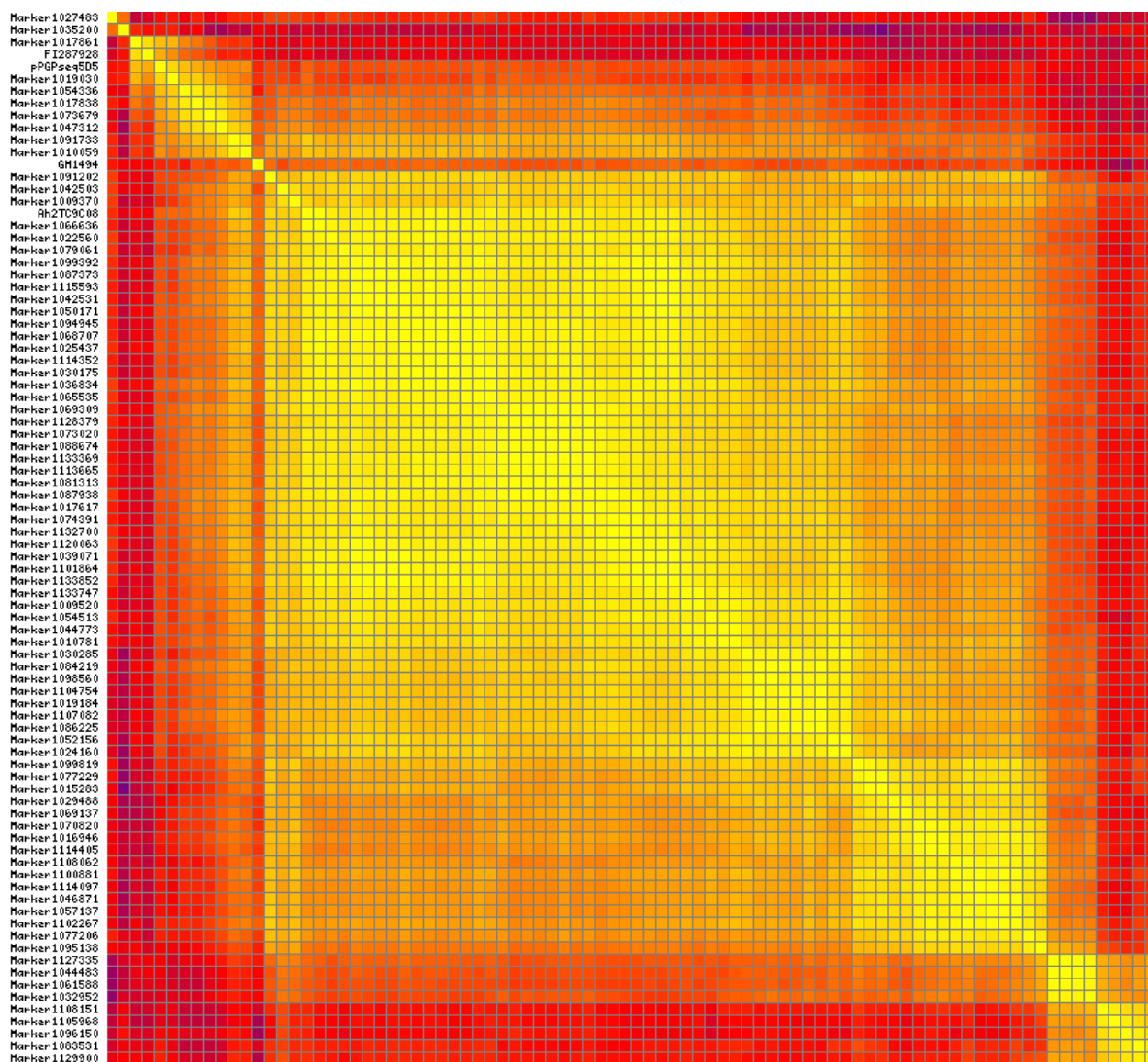
Heat map of the genetic map (Aradu_A04)



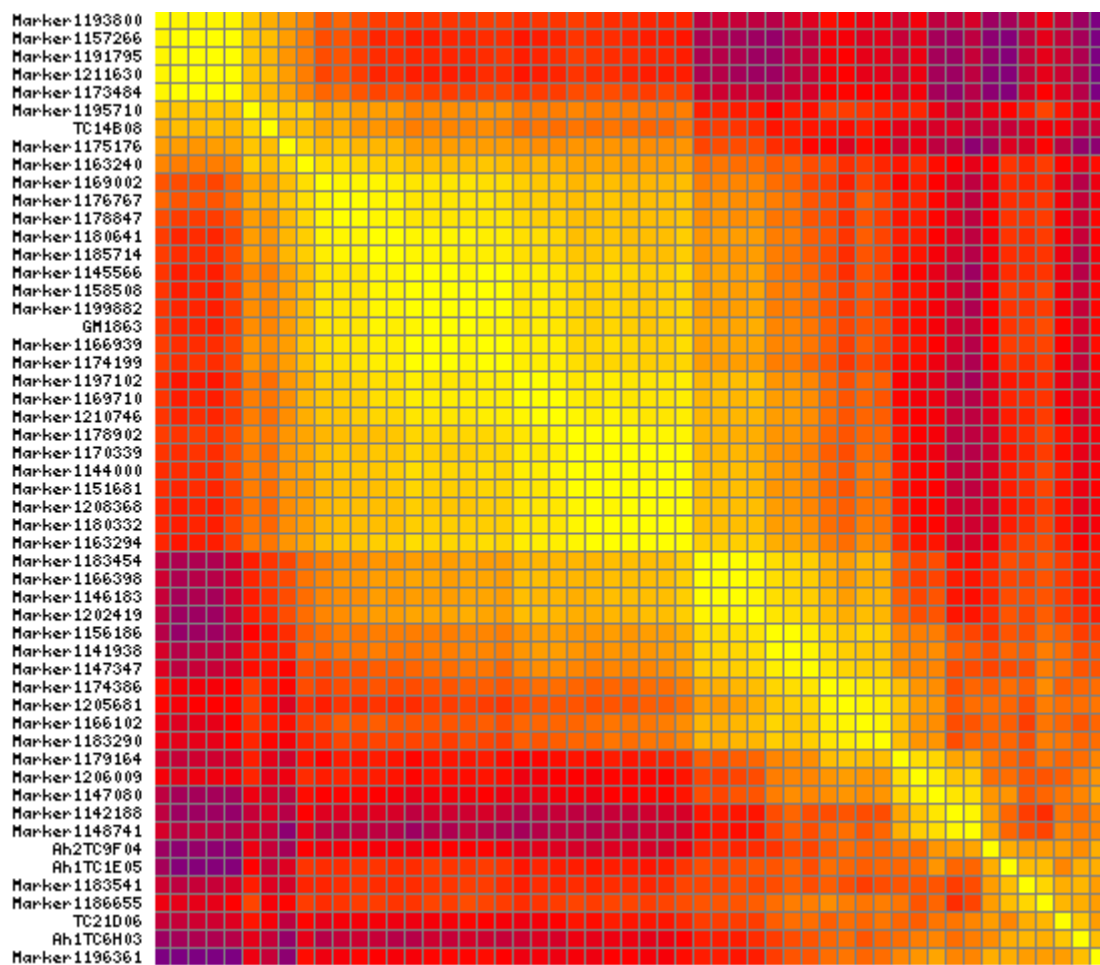
Heat map of the genetic map (Aradu_A05)



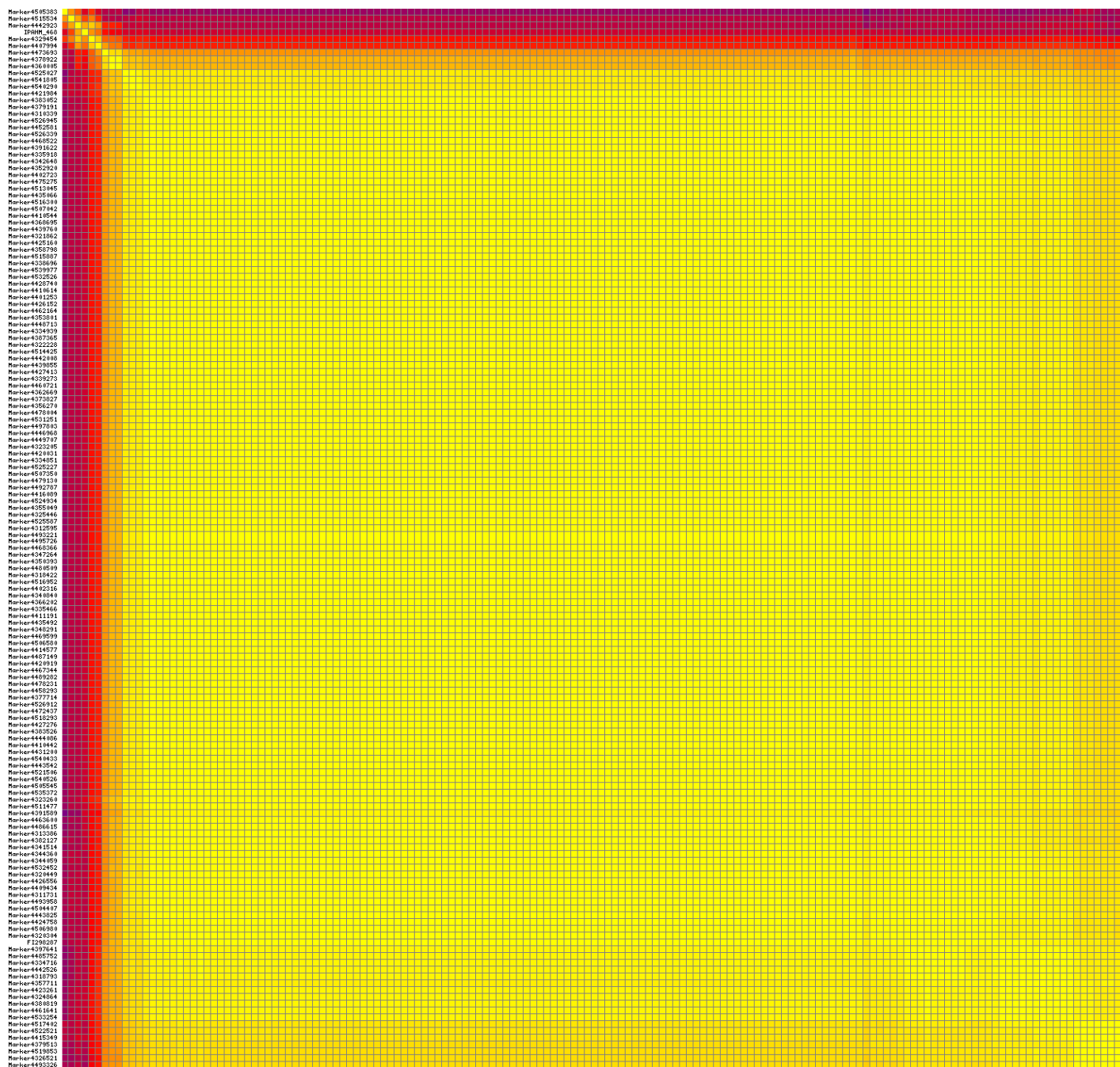
Heat map of the genetic map (Aradu_A06)



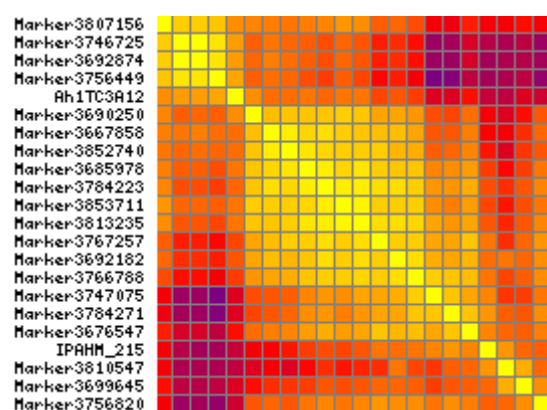
Heat map of the genetic map (Aradu_A07)



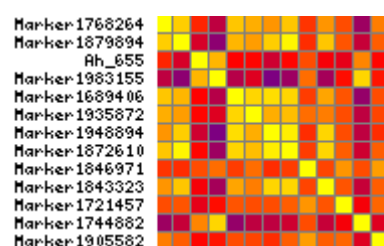
Heat map of the genetic map (Aradu_A08)



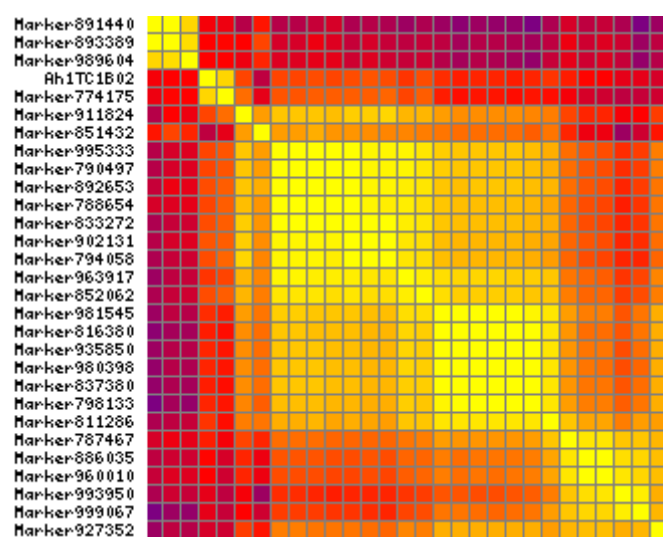
Heat map of the genetic map (Aradu_A09)



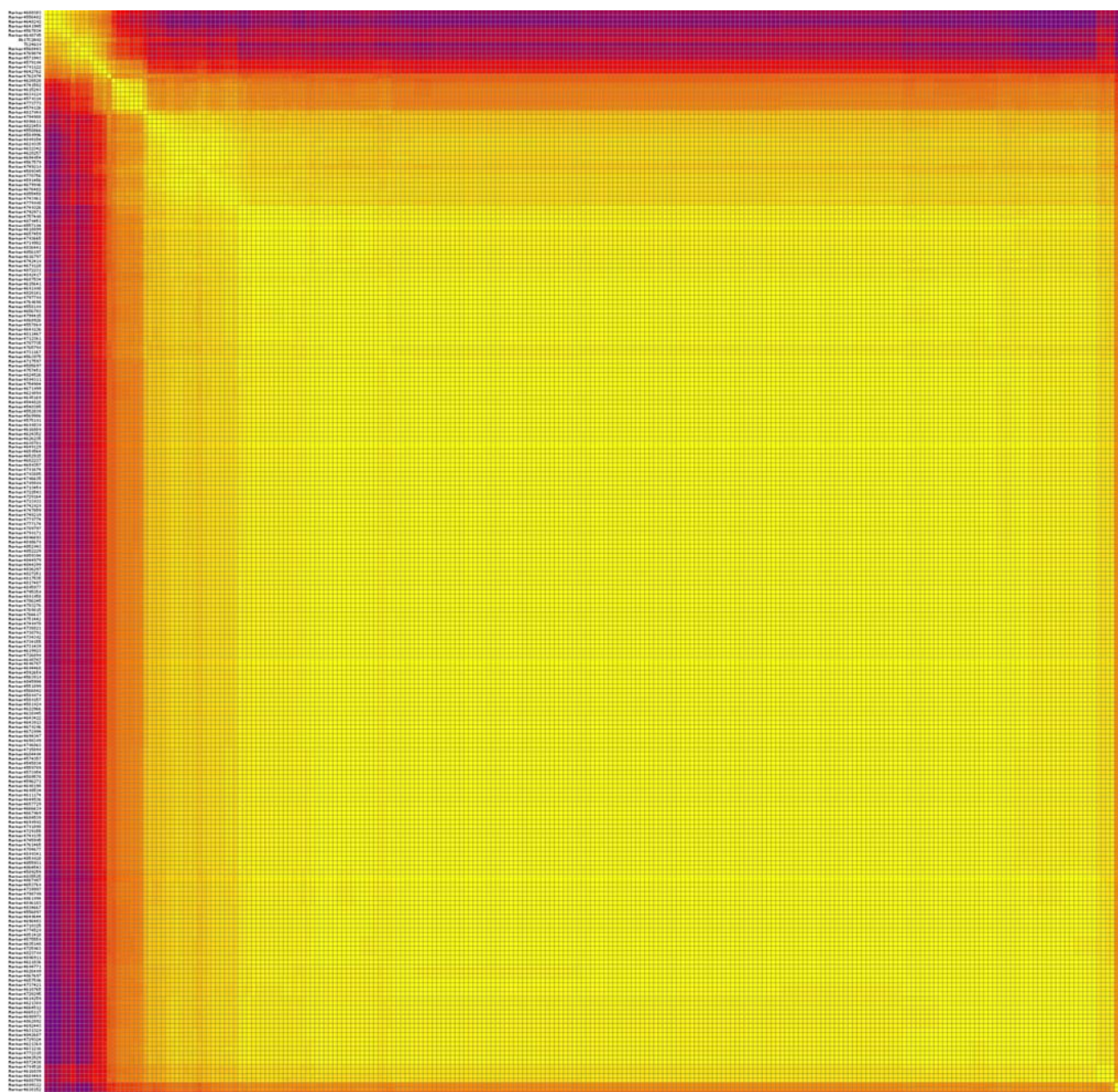
Heat map of the genetic map (Aradu_A10)



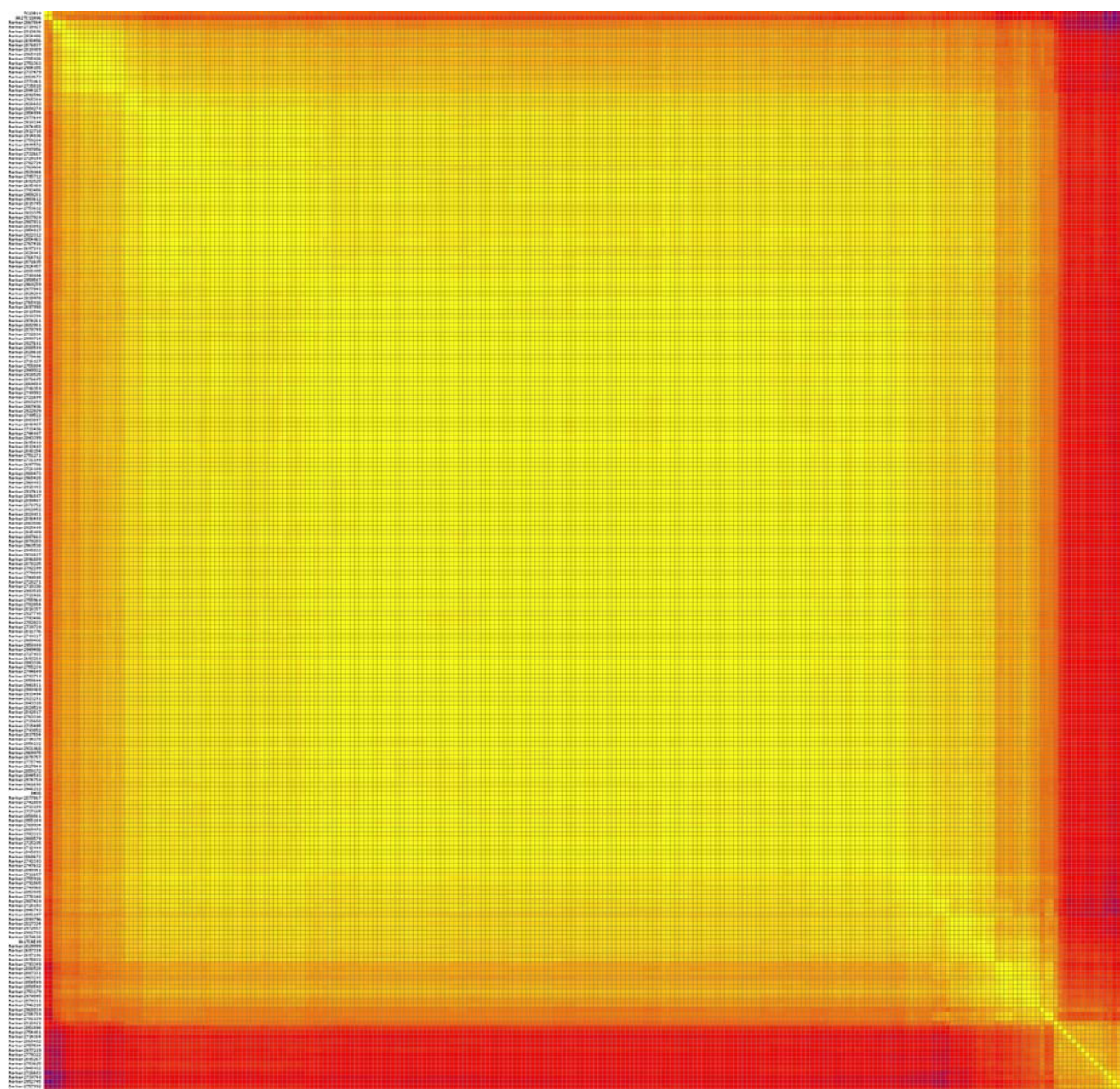
Heat map of the genetic map (Araip_B01)



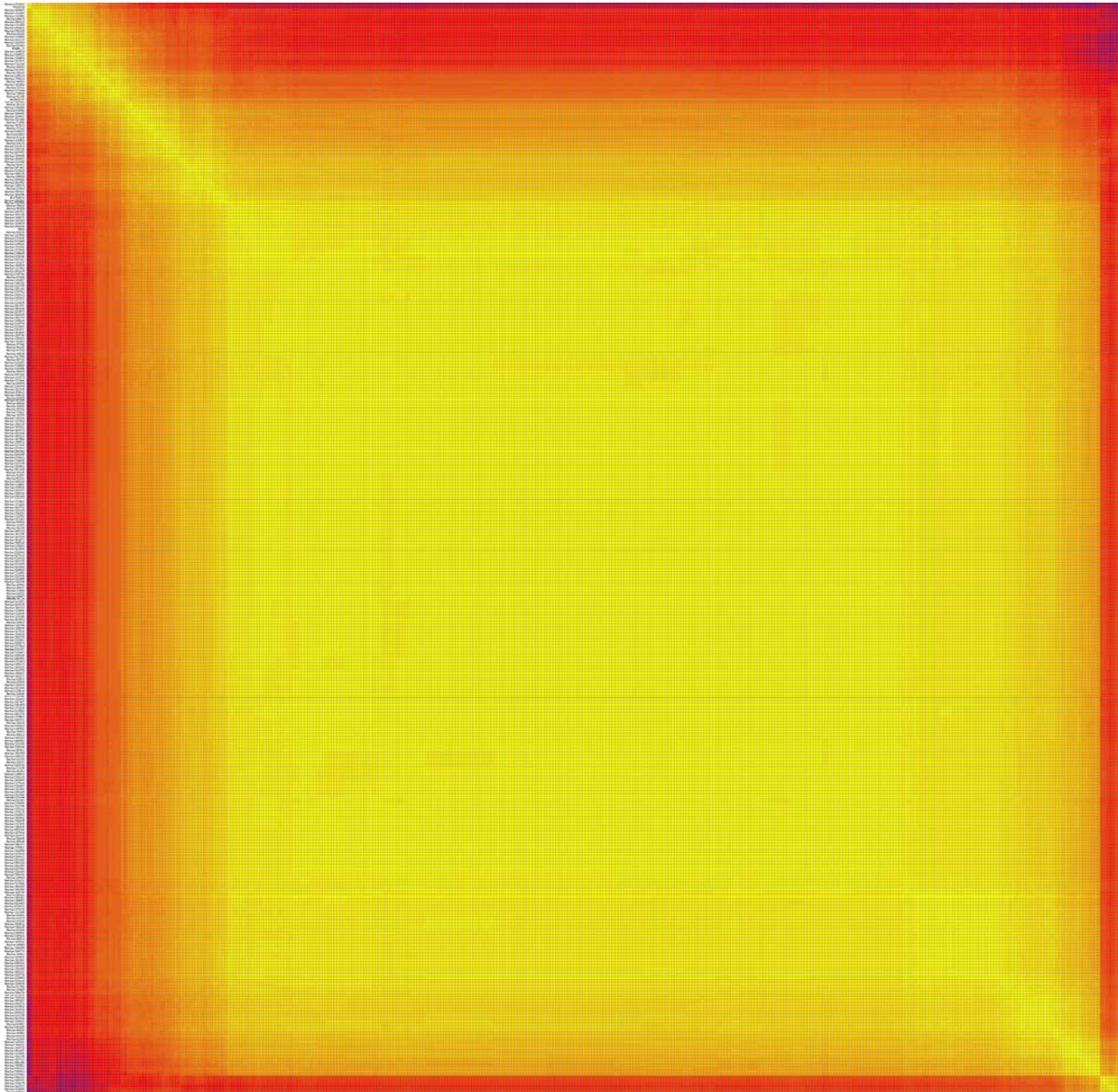
Heat map of the genetic map (Araip_B02)



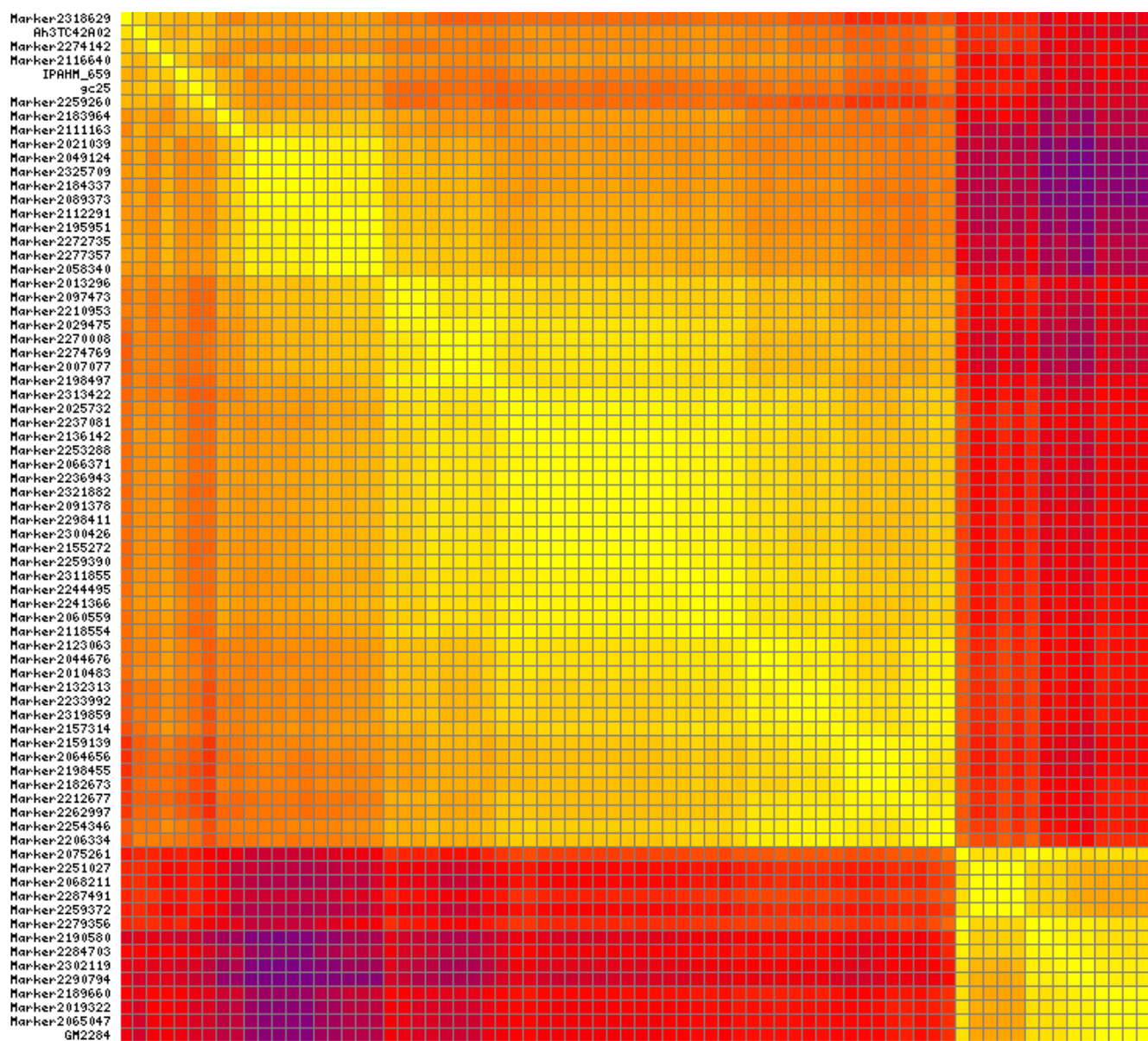
Heat map of the genetic map (Araip_B03)



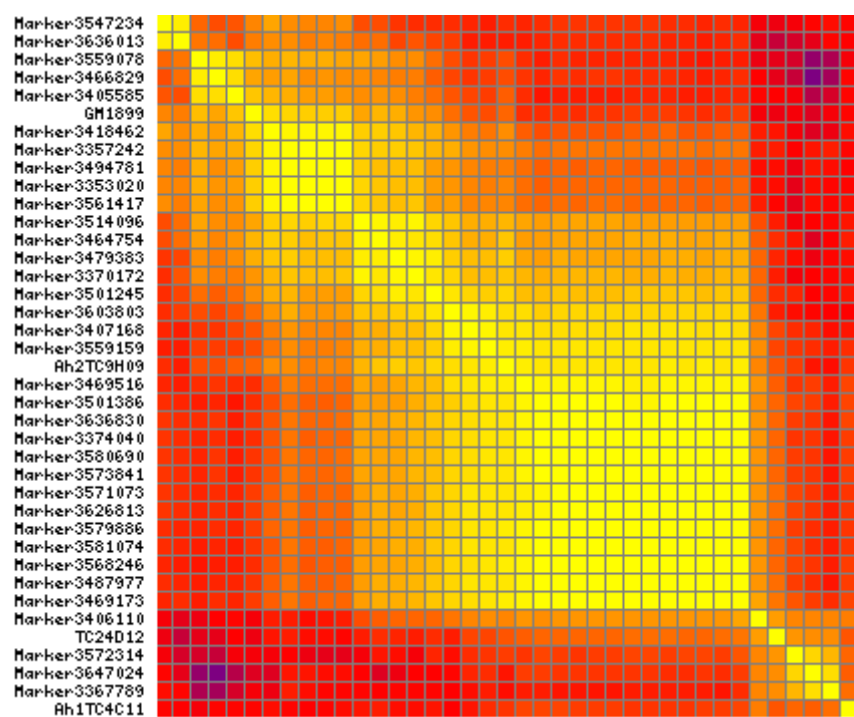
Heat map of the genetic map (Araip_B04)



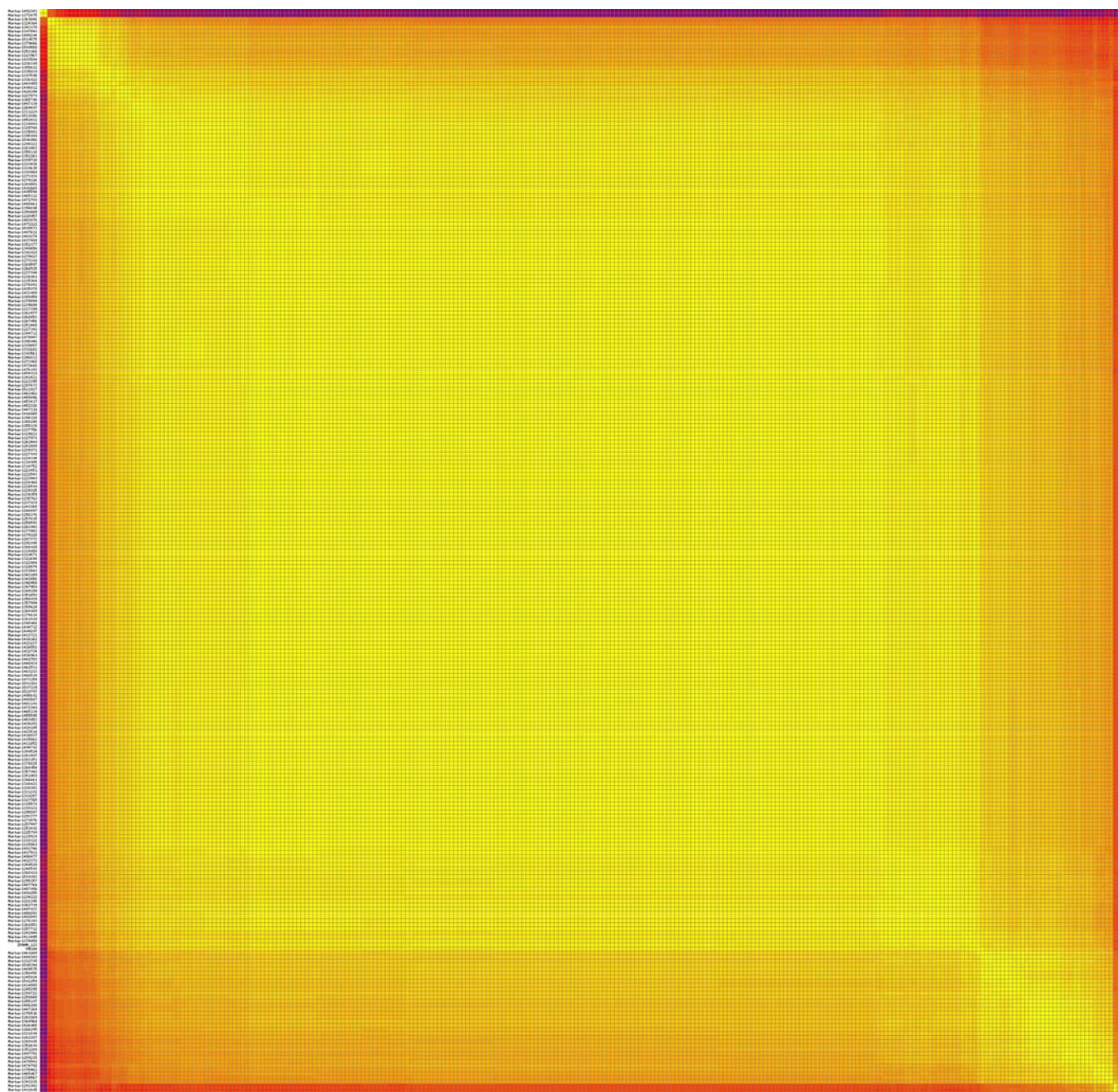
Heat map of the genetic map (Araip_B05)



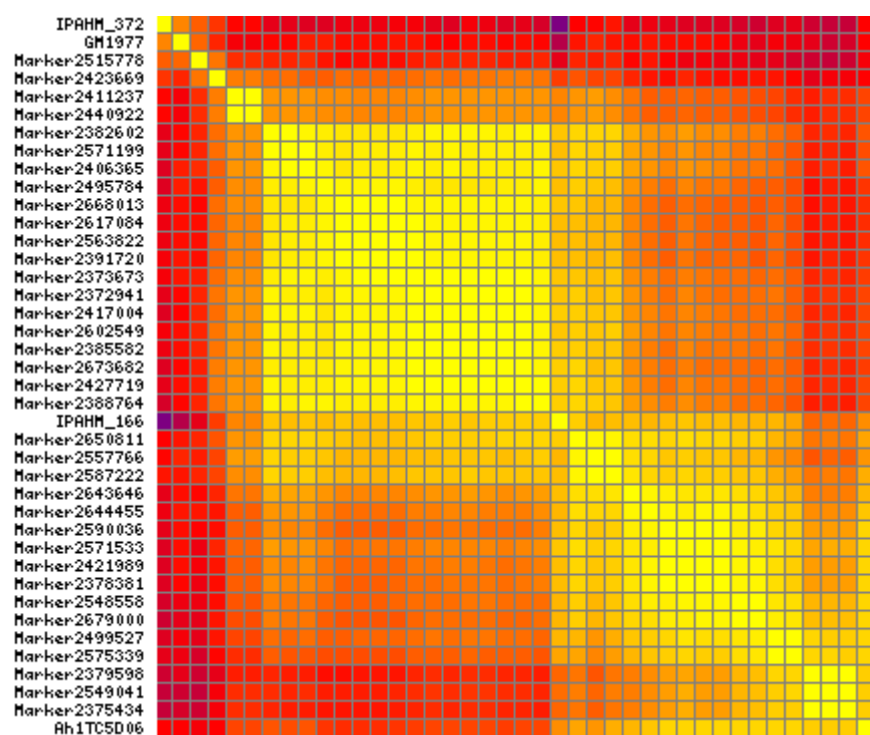
Heat map of the genetic map (Araip_B06)



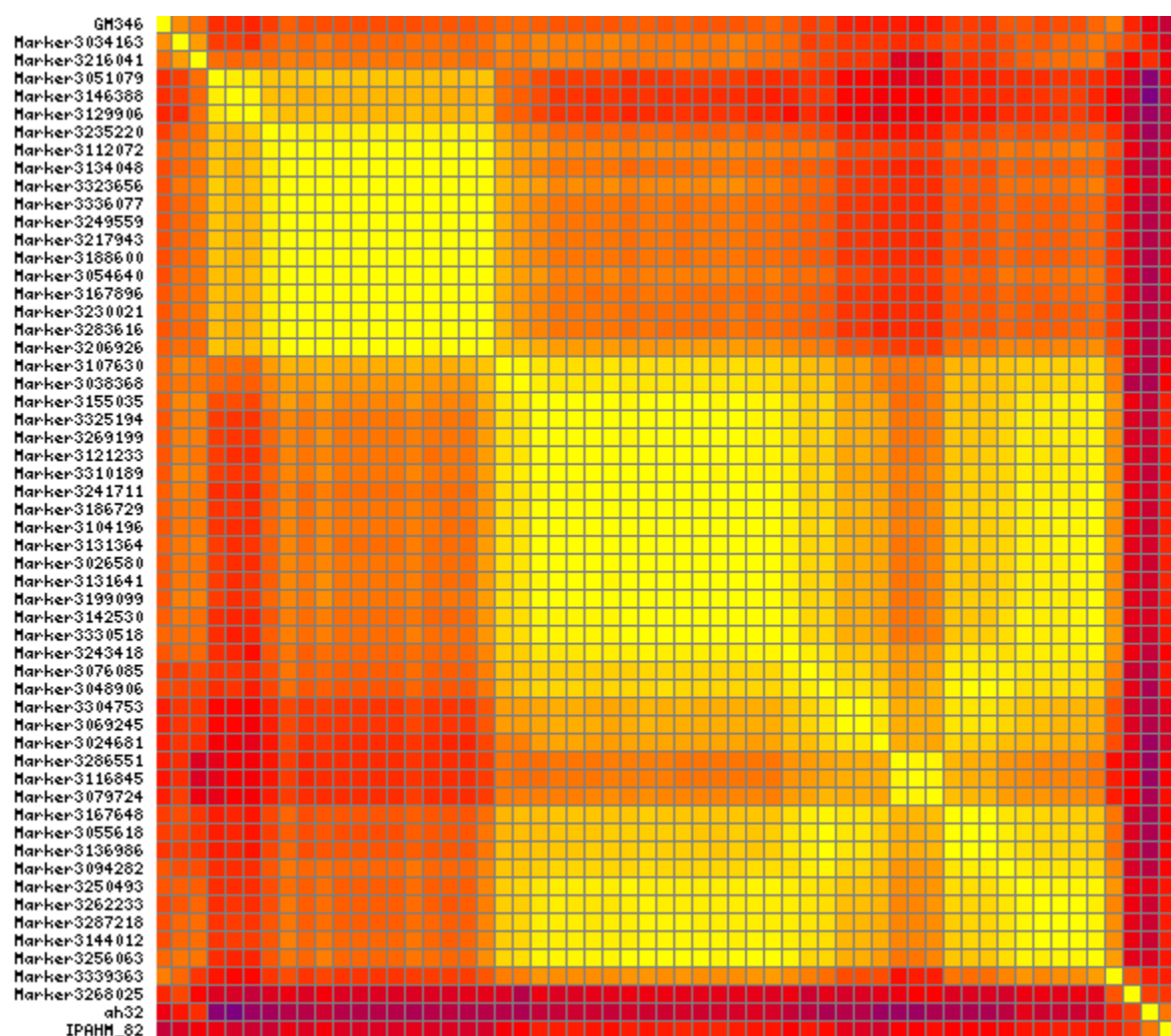
Heat map of the genetic map (Araip_B07)



Heat map of the genetic map (Araip_B08)



Heat map of the genetic map (Araip_B09)



Heat map of the genetic map (Araip_B10)