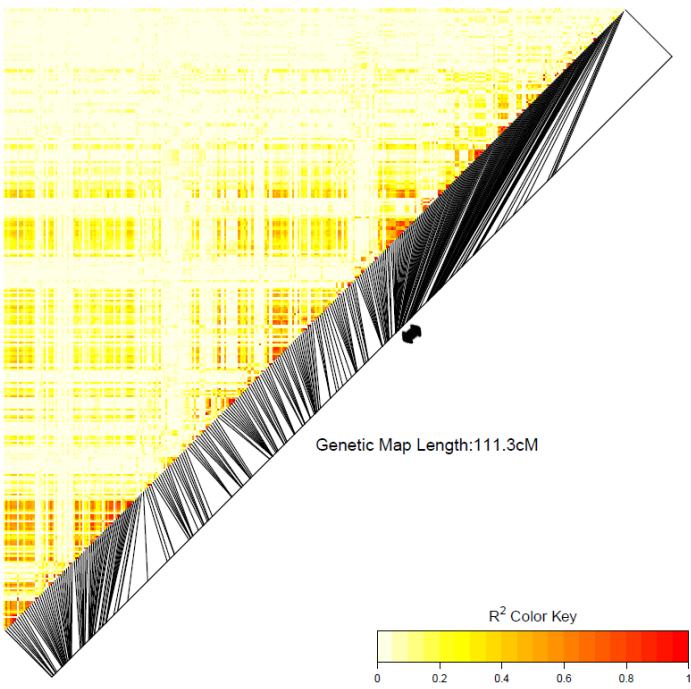


**Supplementary figure 5:** Linkage disequilibrium heatmaps for each linkage group in the whole, spring (SOSR), winter (WOSR) and « 00 » WOSR collections. The putative position of the centromeres is indicated by a black arrow.

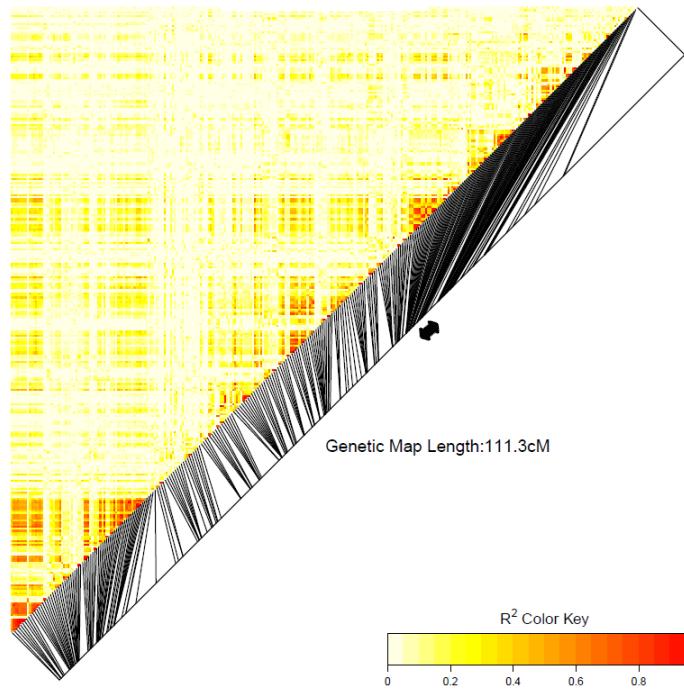
Whole collection

A1



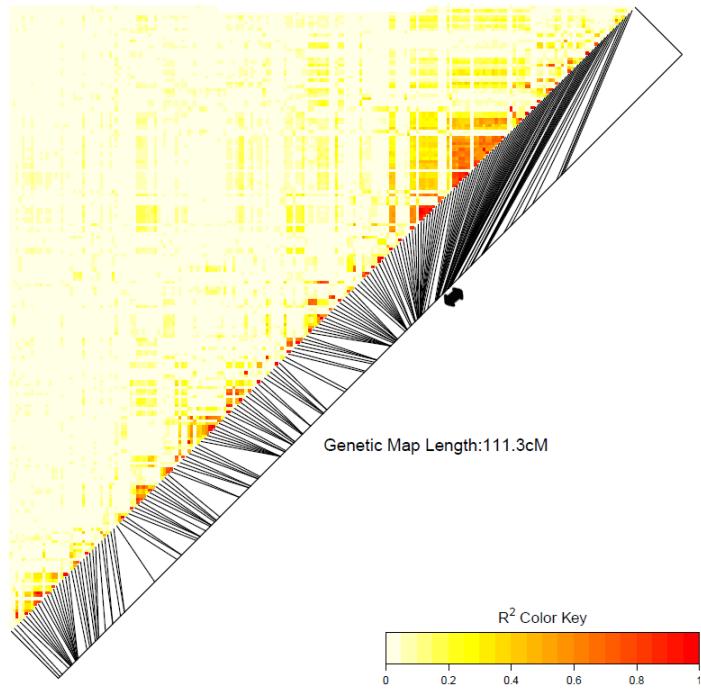
SOSR collection

A1



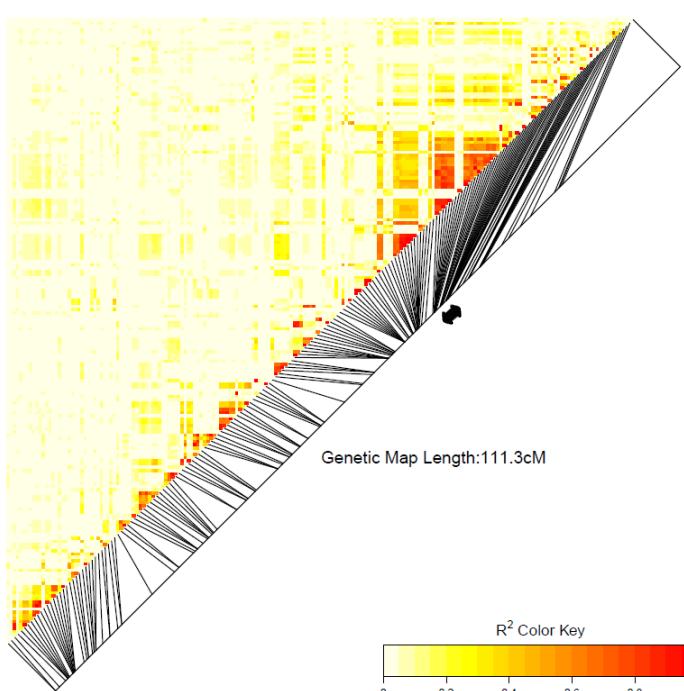
WOSR collection

A1



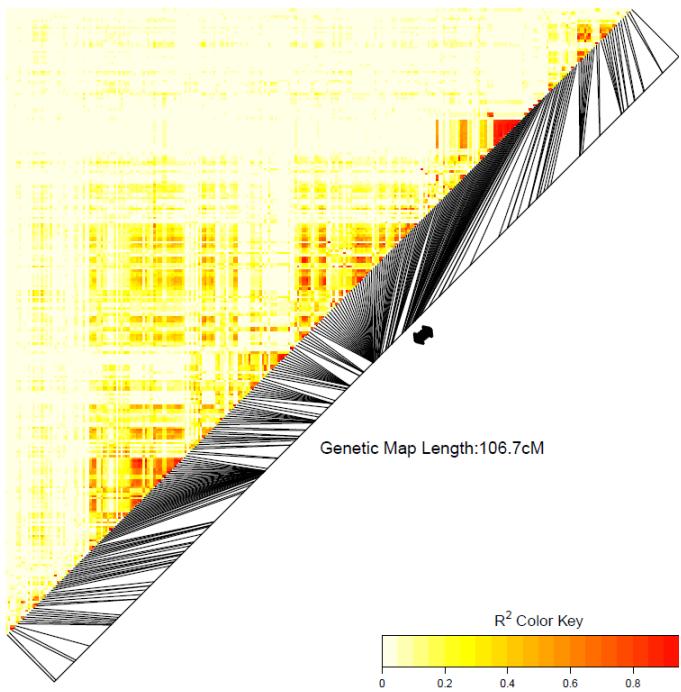
« 00 » WOSR collection

A1



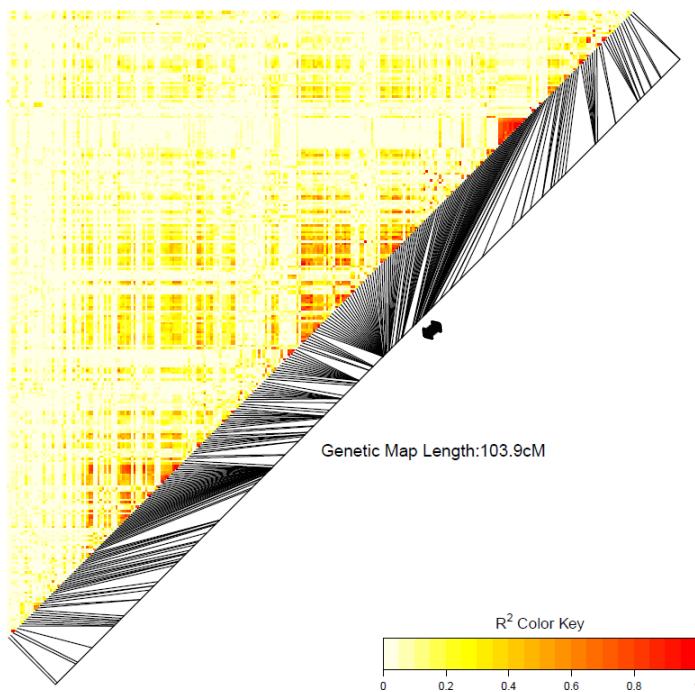
Whole collection

A2



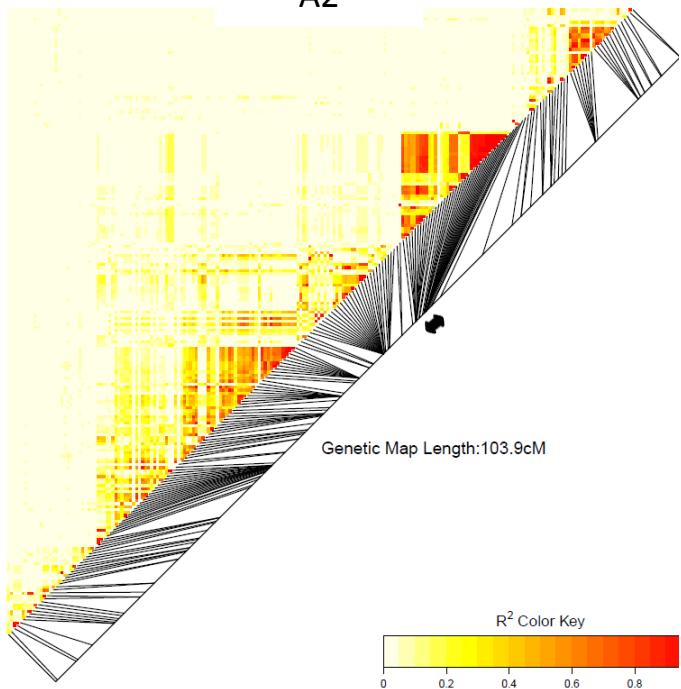
SOSR collection

A2



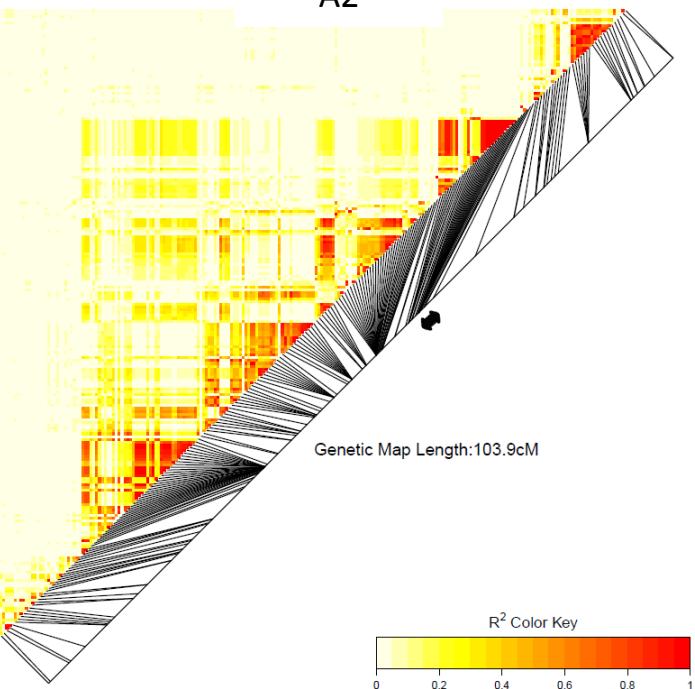
WOSR collection

A2



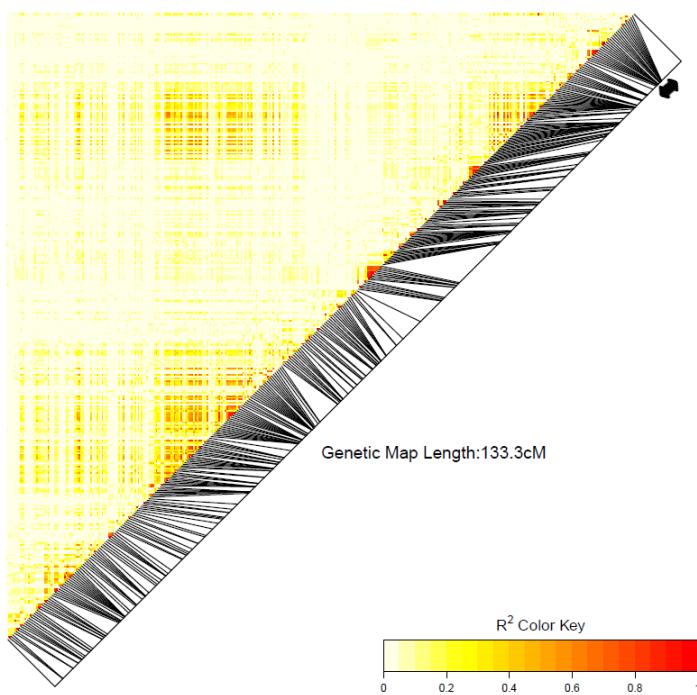
« 00 » WOSR collection

A2



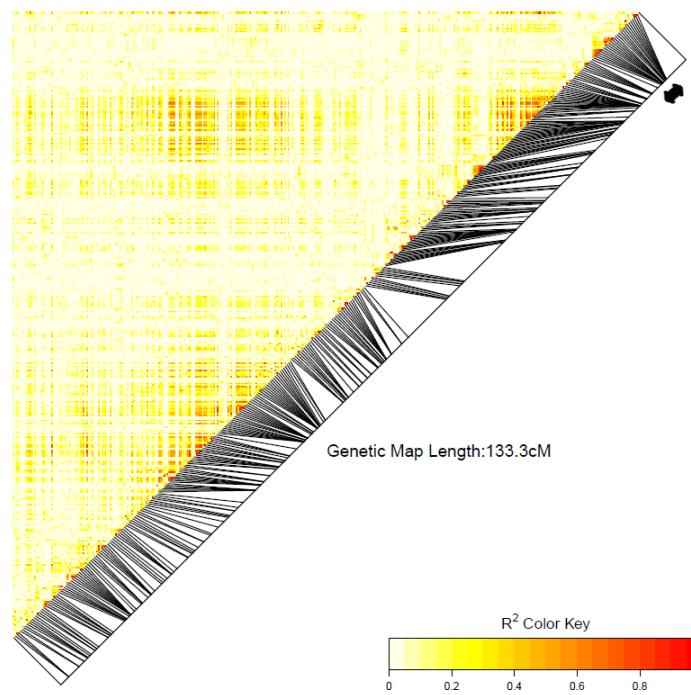
Whole collection

A3



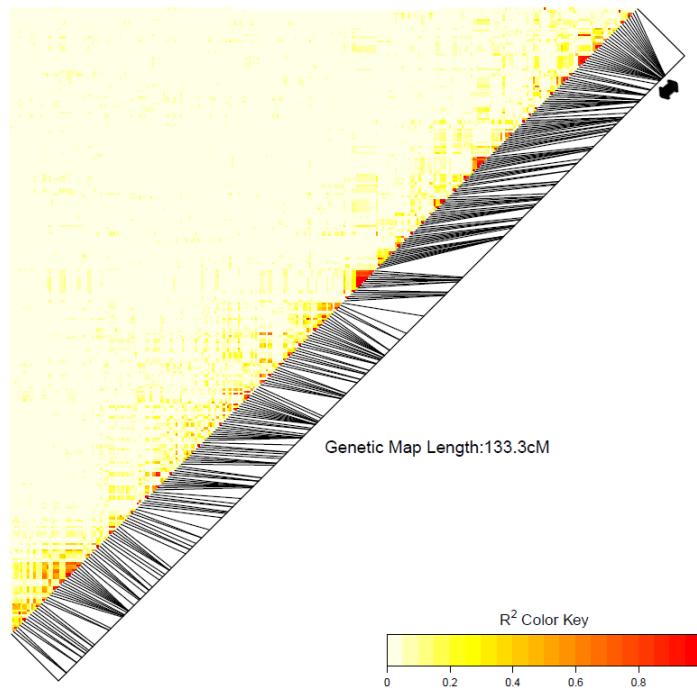
SOSR collection

A3



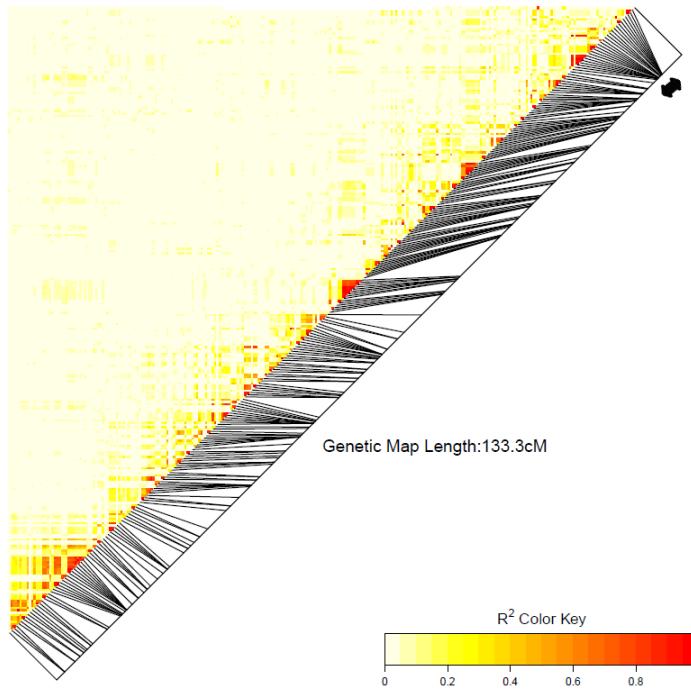
WOSR collection

A3



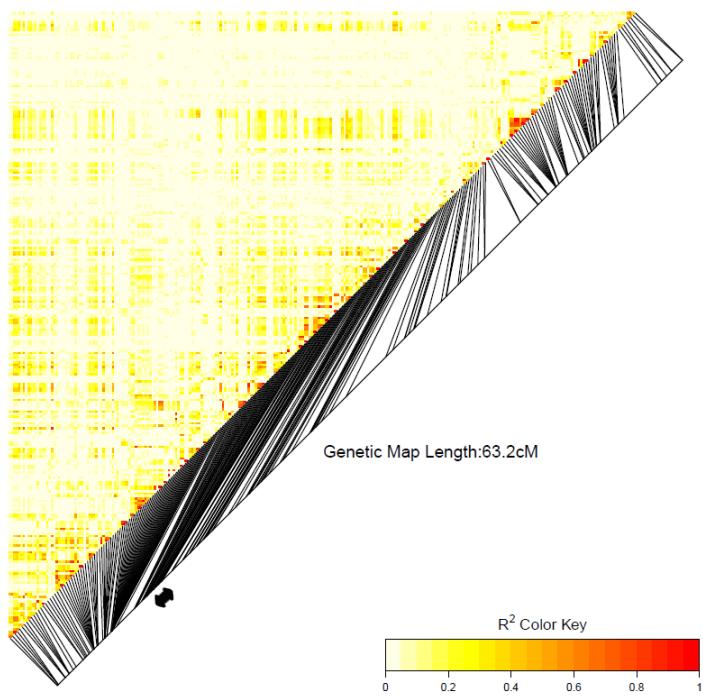
« 00 » WOSR collection

A3



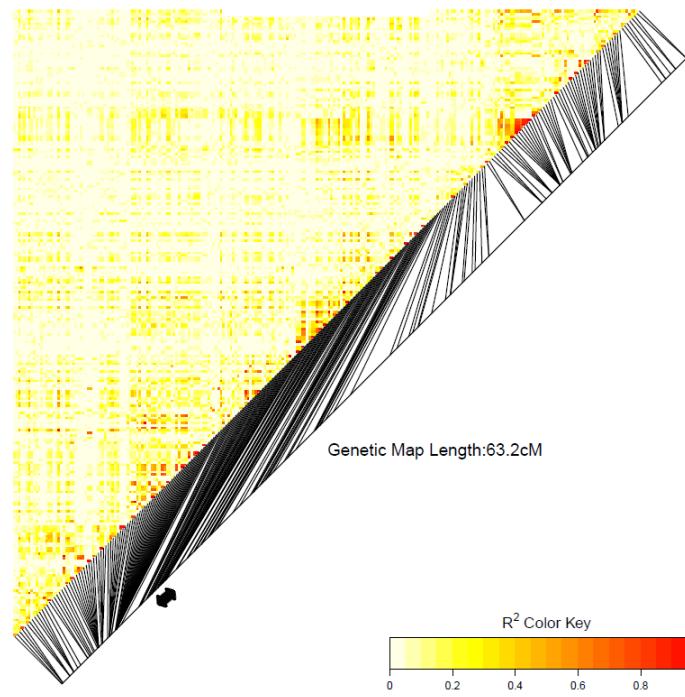
Whole collection

A4



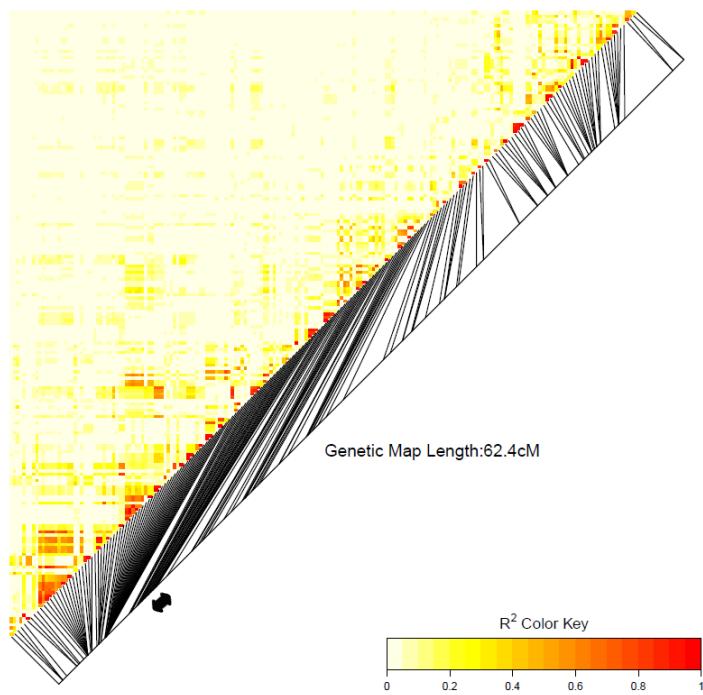
SOSR collection

A4



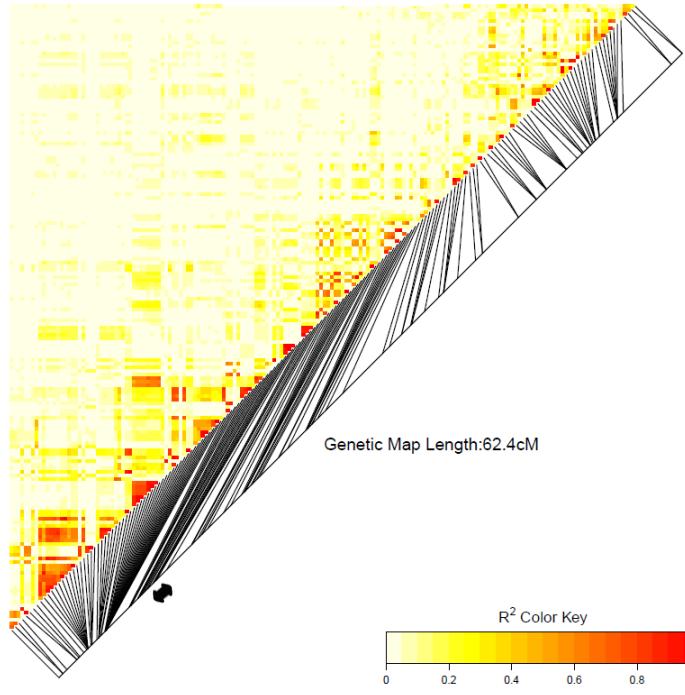
WOSR collection

A4



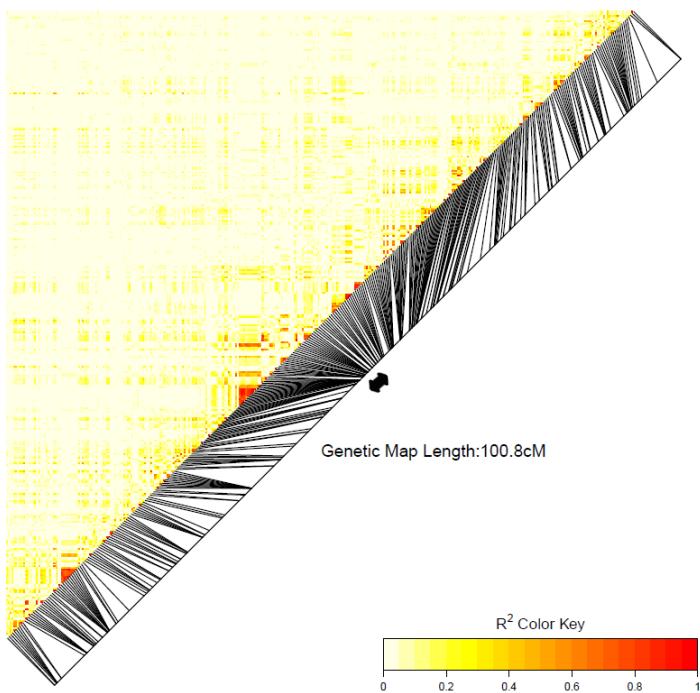
« 00 » WOSR collection

A4



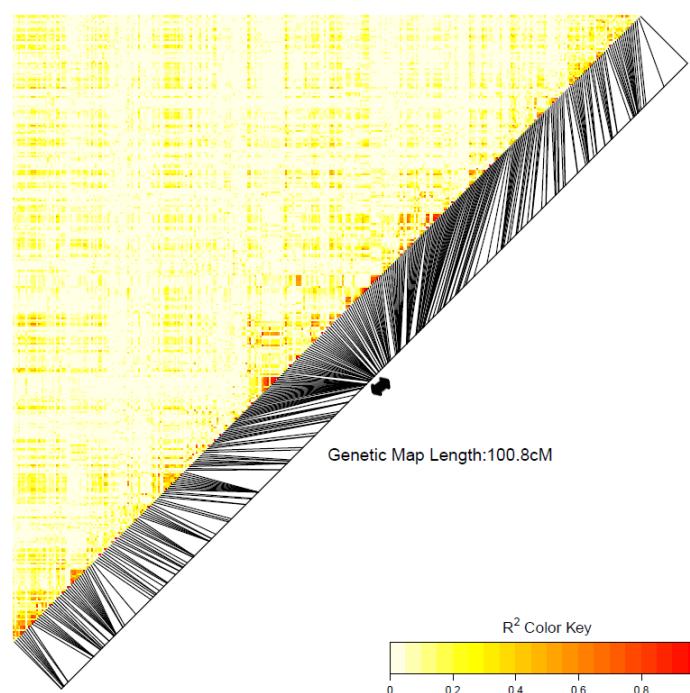
Whole collection

A5



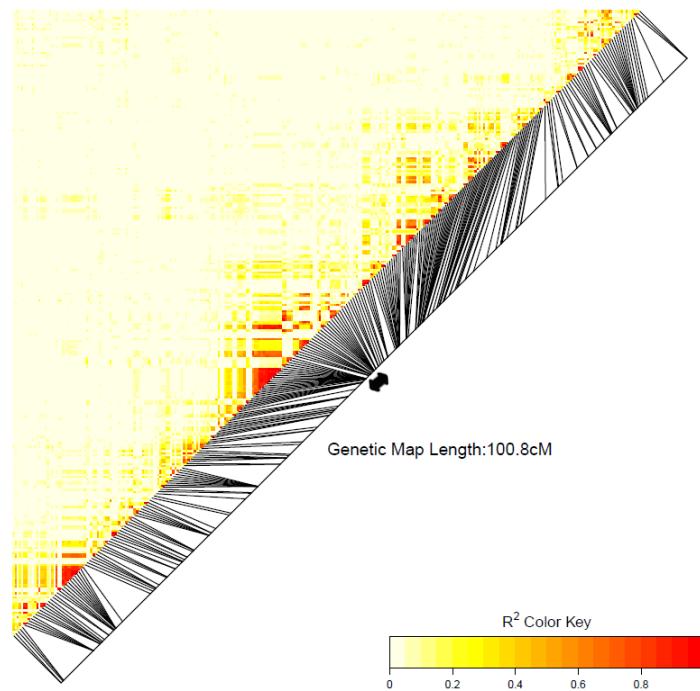
SOSR collection

A5



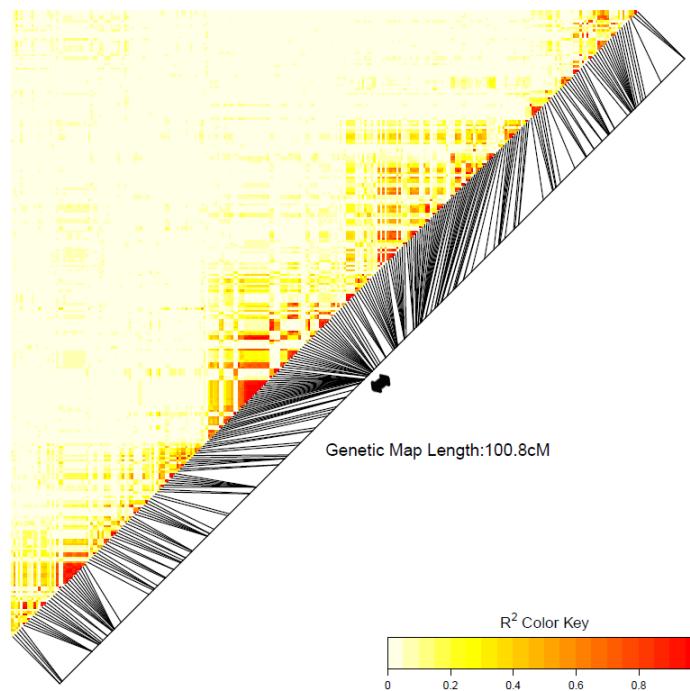
WOSR collection

A5



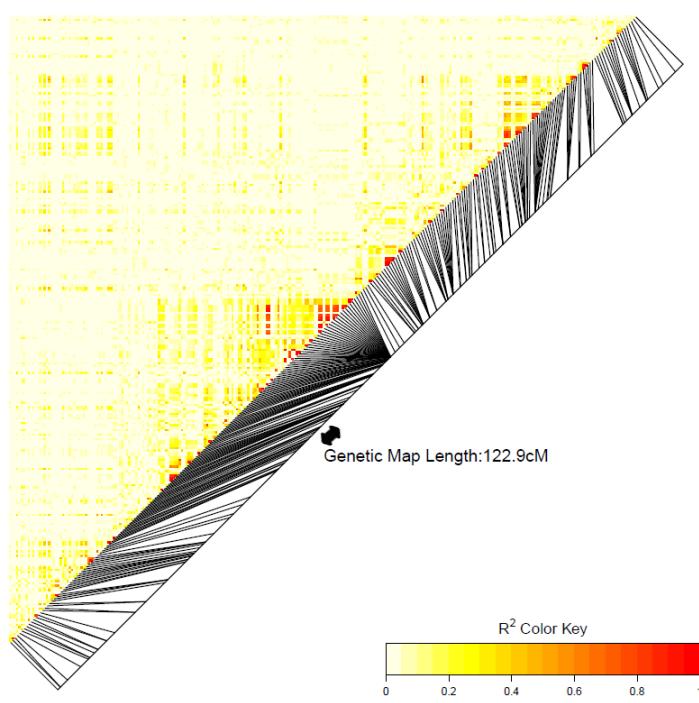
« 00 » WOSR collection

A5



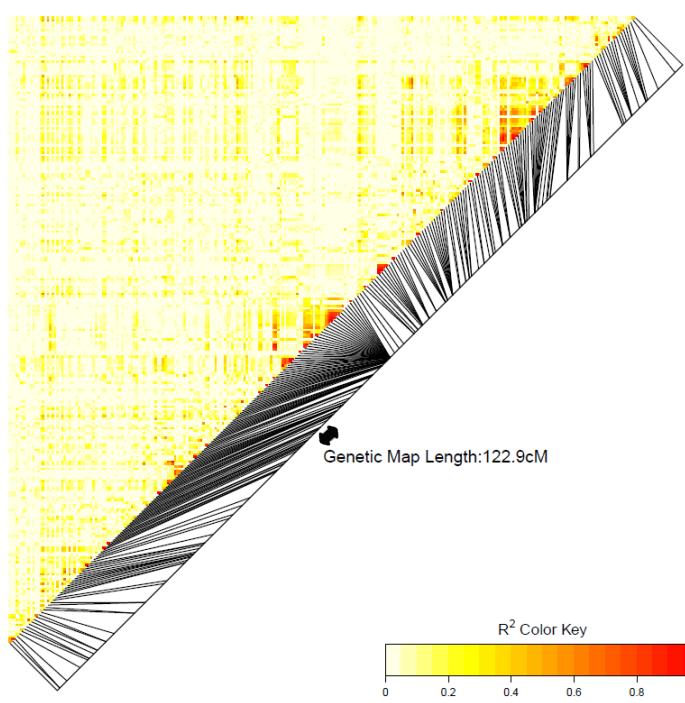
Whole collection

A6



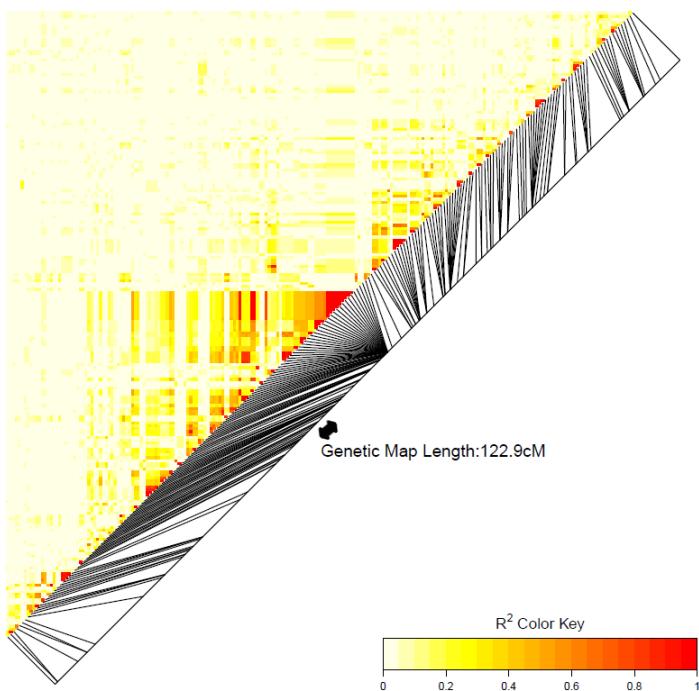
SOSR collection

A6



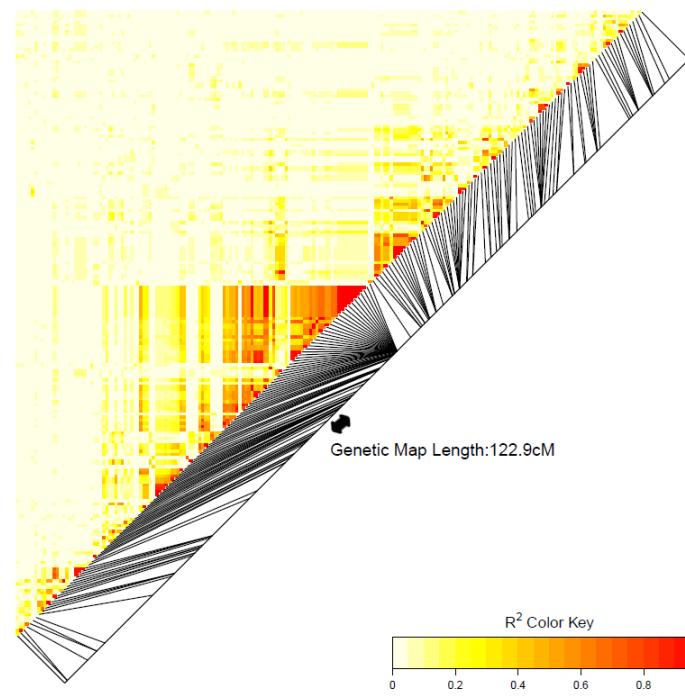
WOSR collection

A6



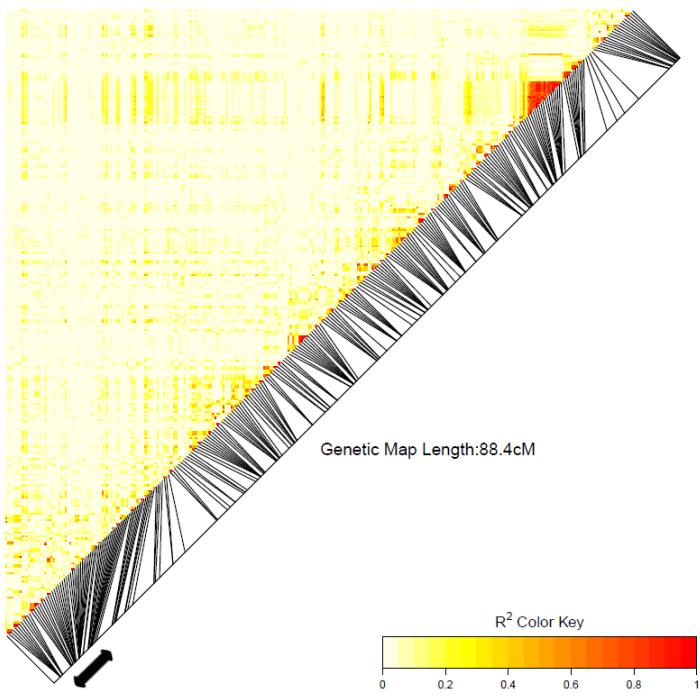
« 00 » WOSR collection

A6



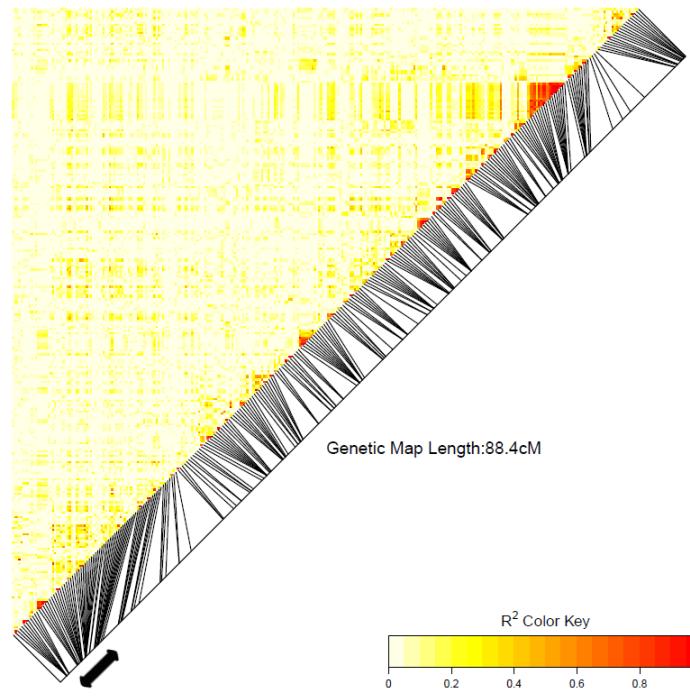
Whole collection

A7



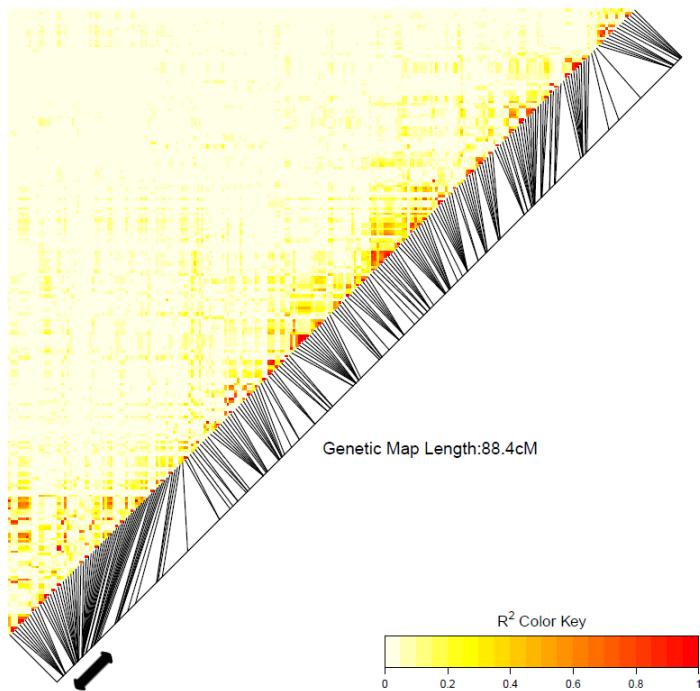
SOSR collection

A7



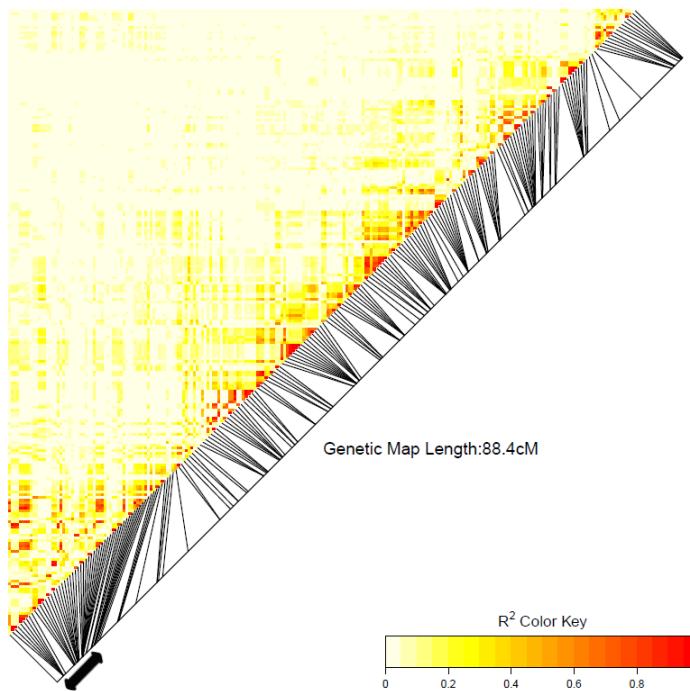
WOSR collection

A7

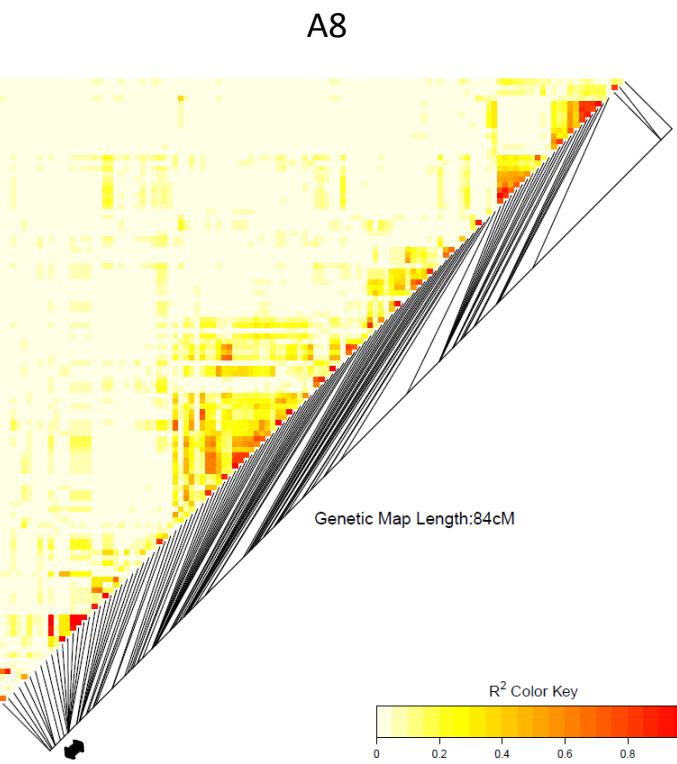


« 00 » WOSR collection

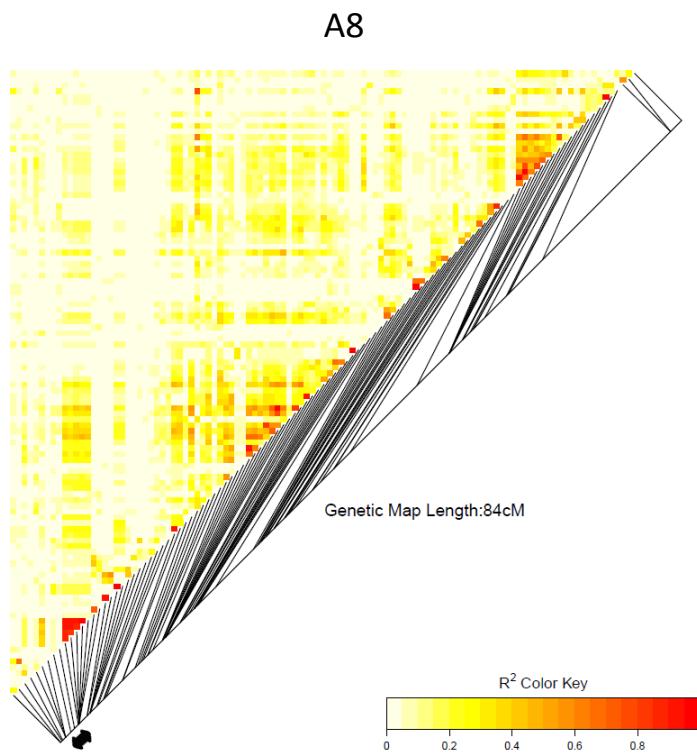
A7



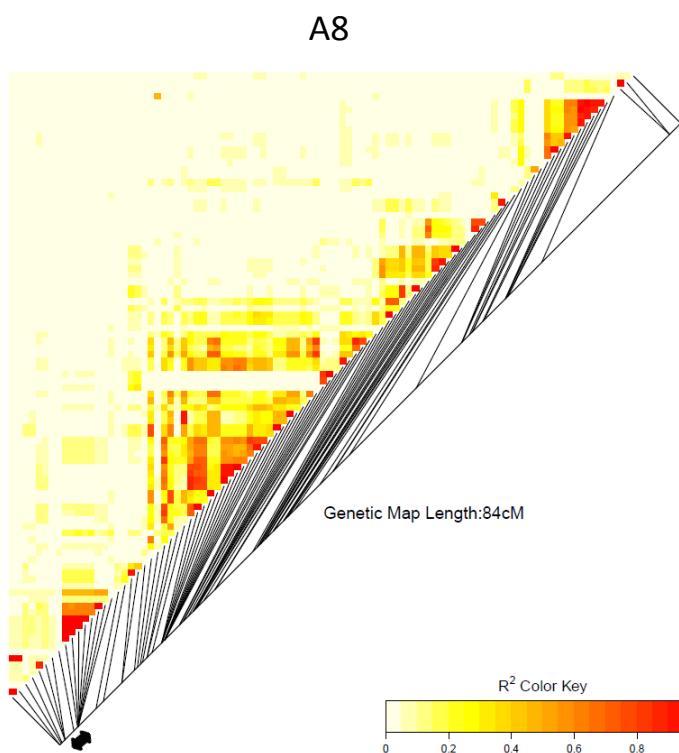
Whole collection



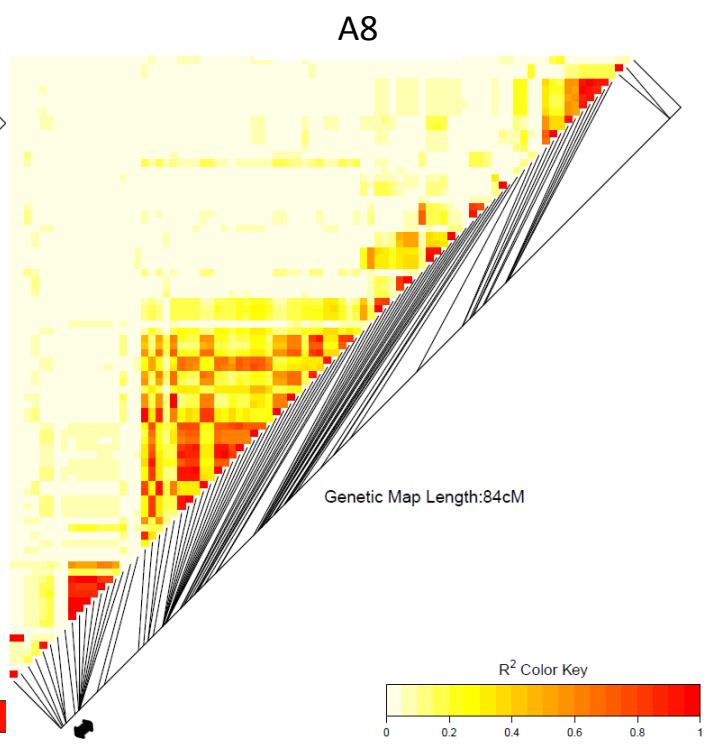
SOSR collection



WOSR collection

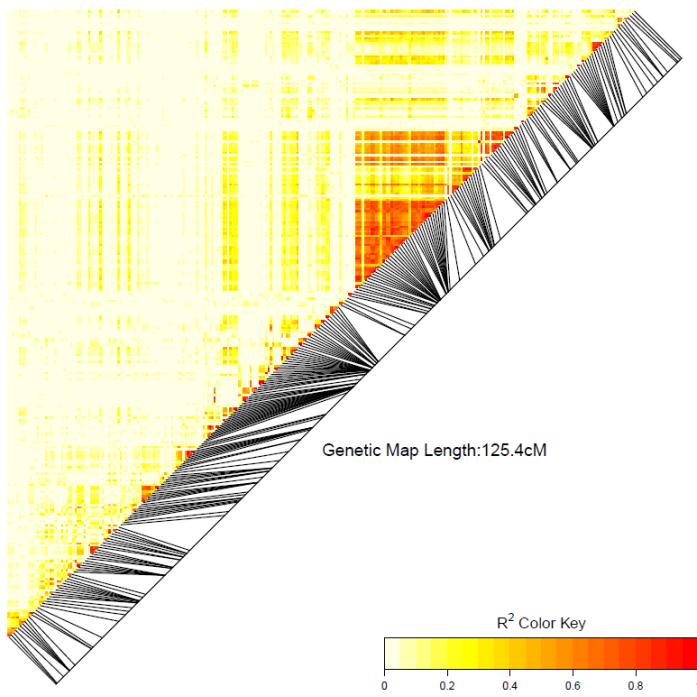


« 00 » WOSR collection



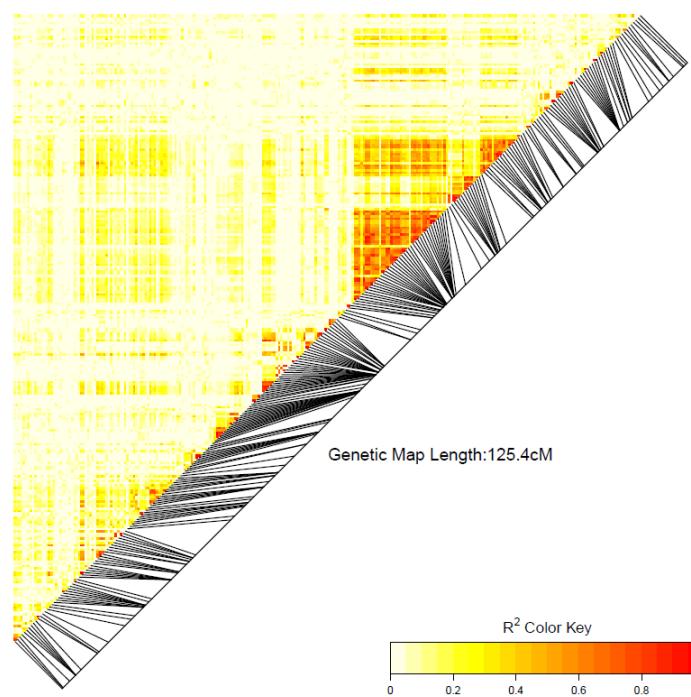
Whole collection

A9



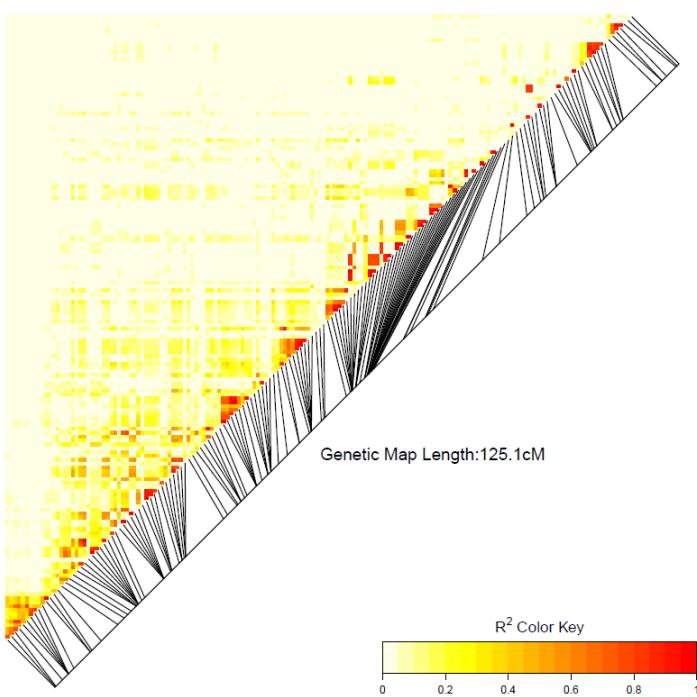
SOSR collection

A9



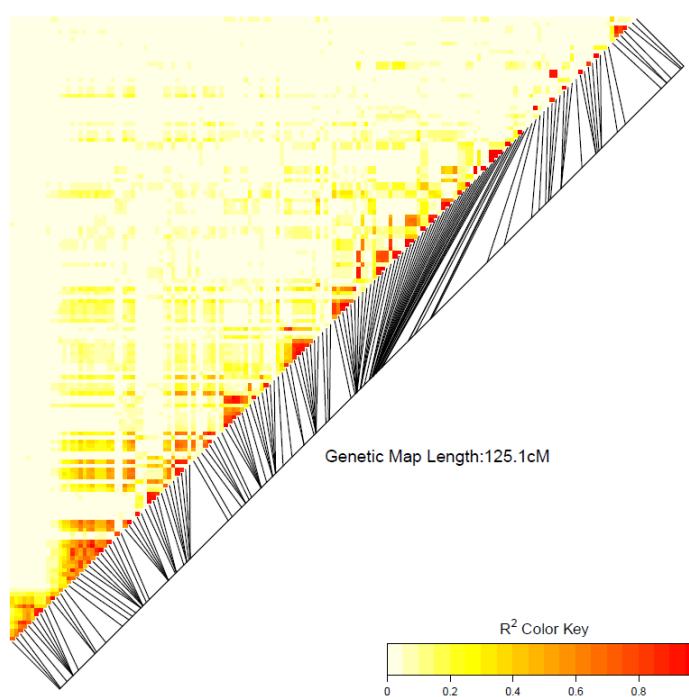
WOSR collection

A9



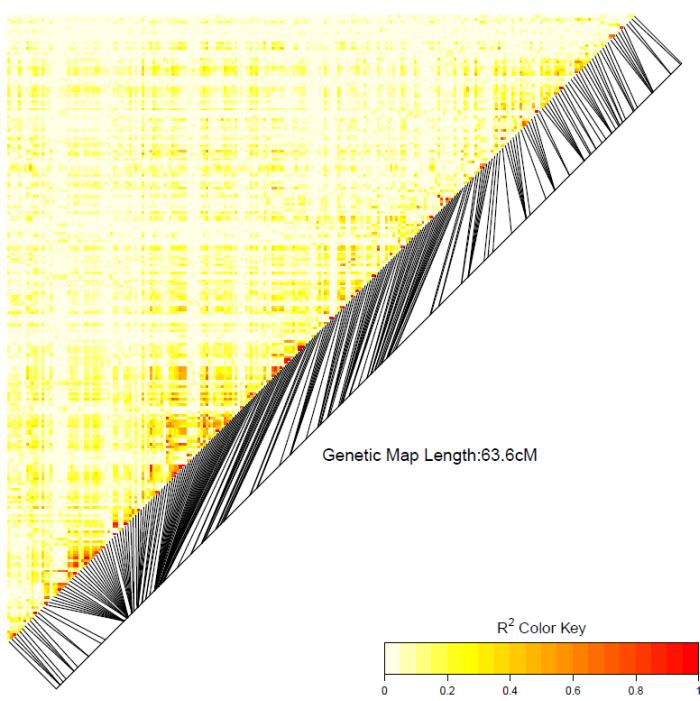
« 00 » WOSR collection

A9



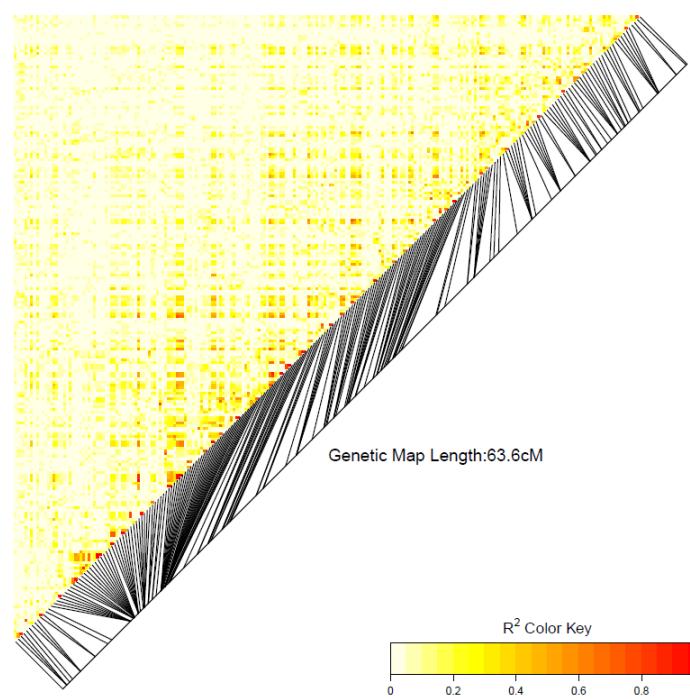
Whole collection

A10



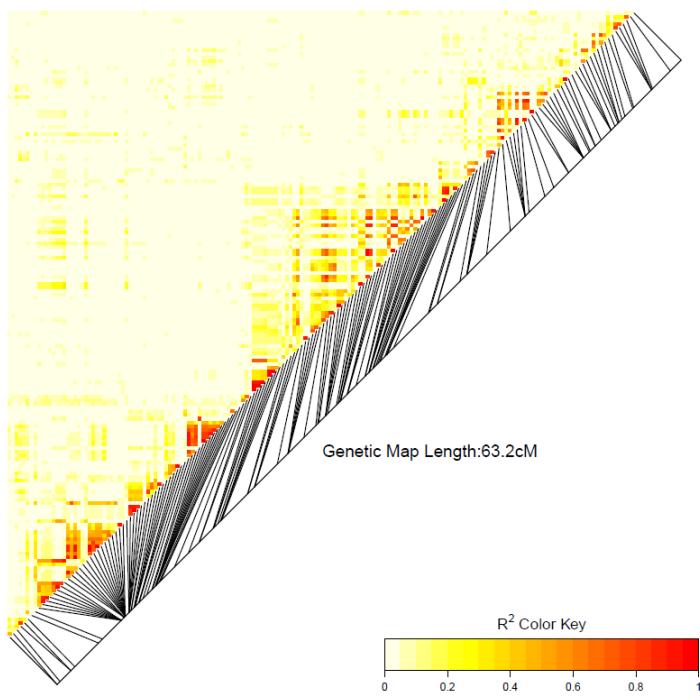
SOSR collection

A10



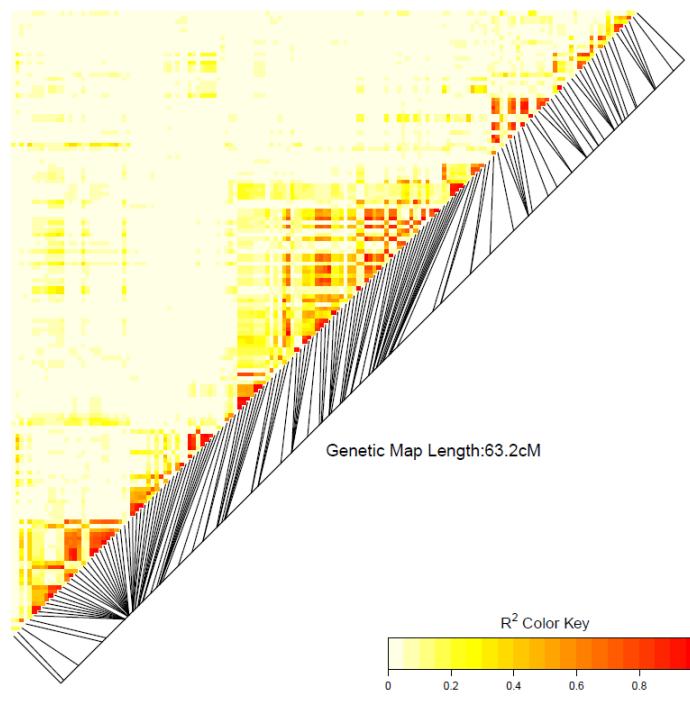
WOSR collection

A10



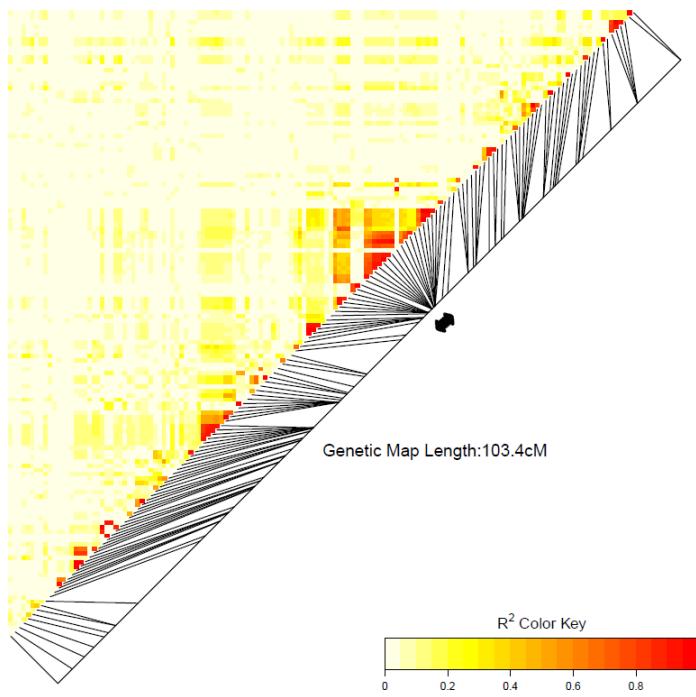
« 00 » WOSR collection

A10



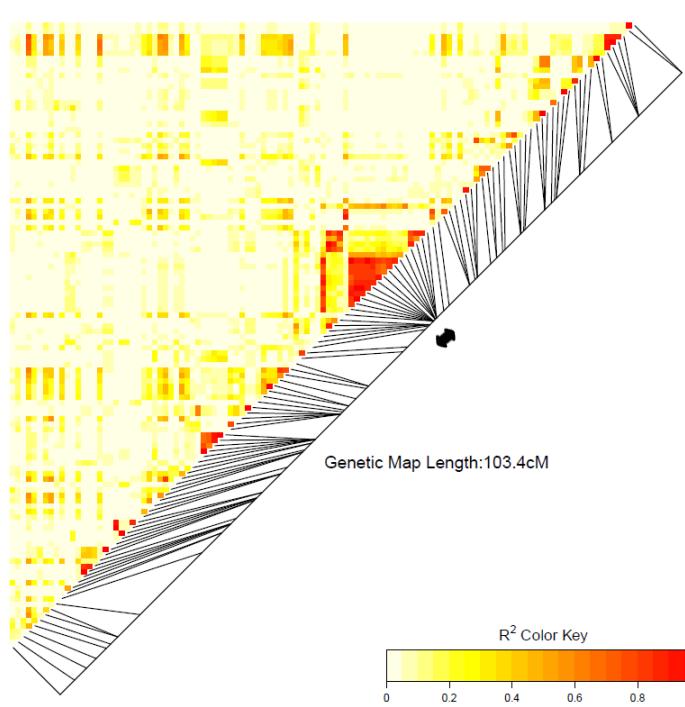
Whole collection

C1



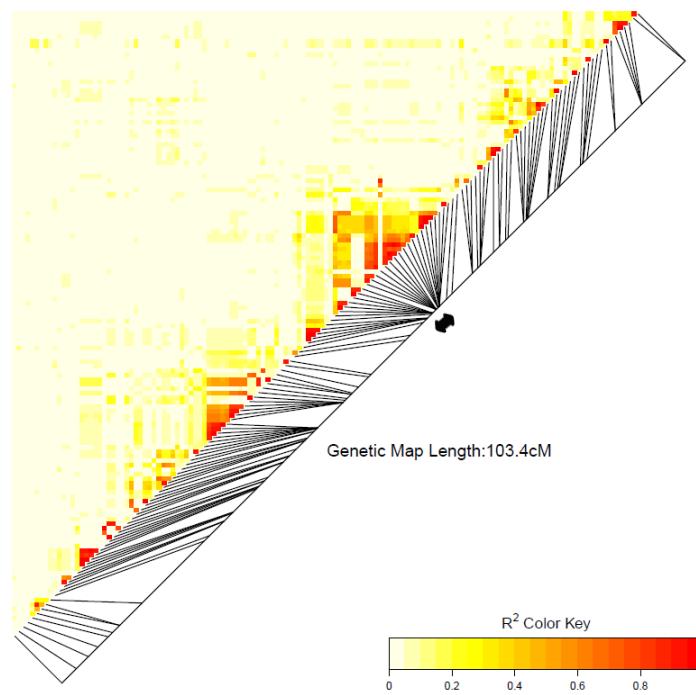
SOSR collection

C1



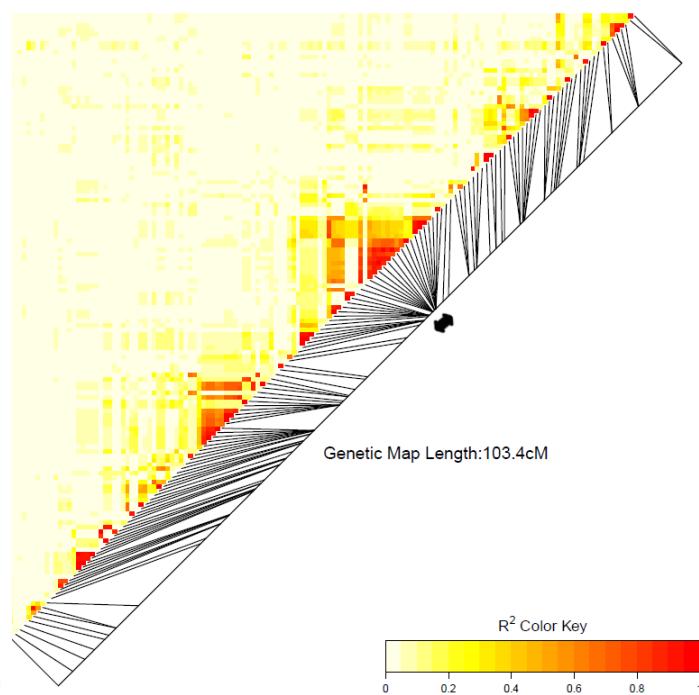
WOSR collection

C1



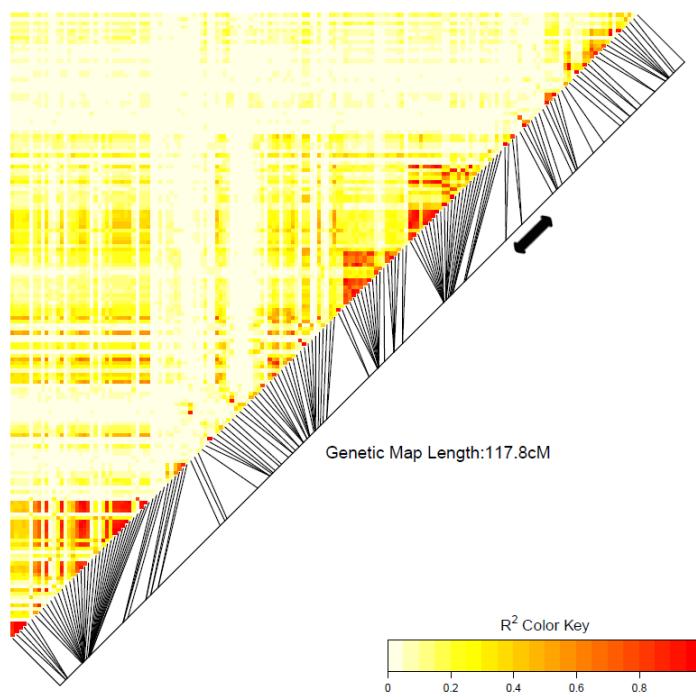
« 00 » WOSR collection

C1



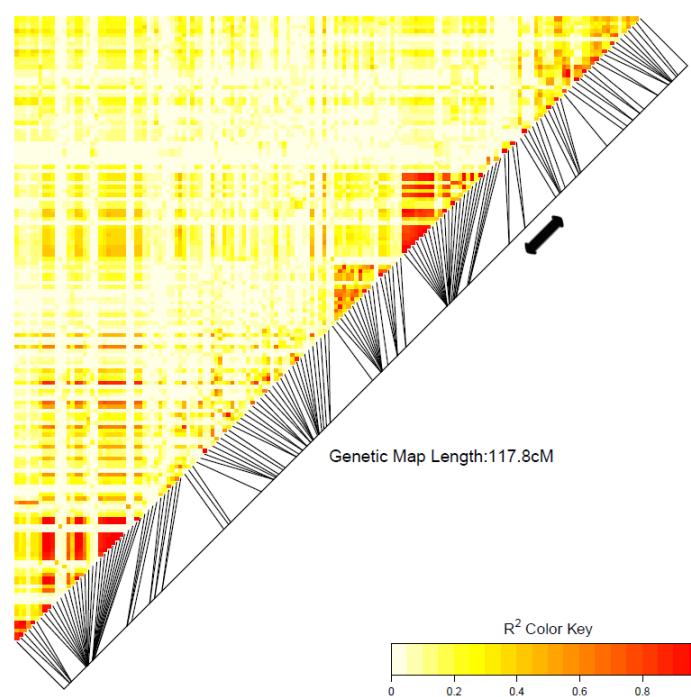
Whole collection

C2



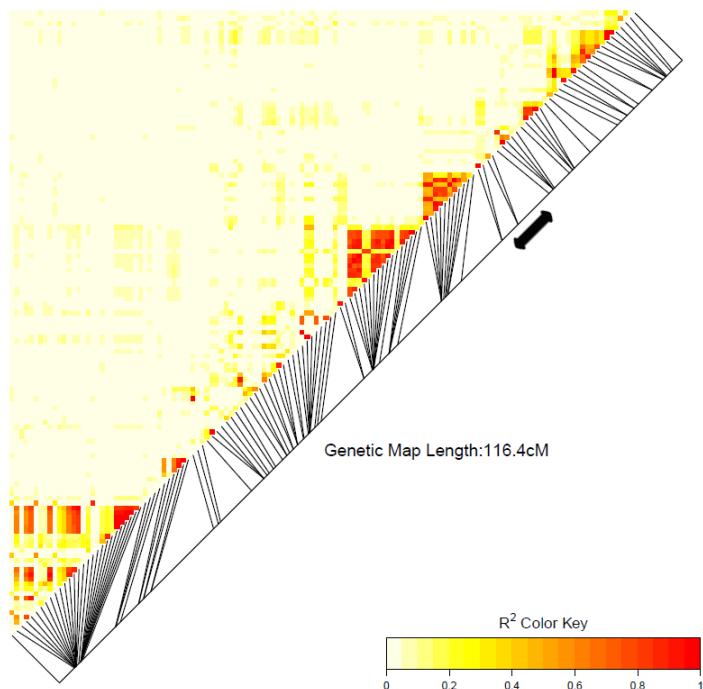
SOSR collection

C2



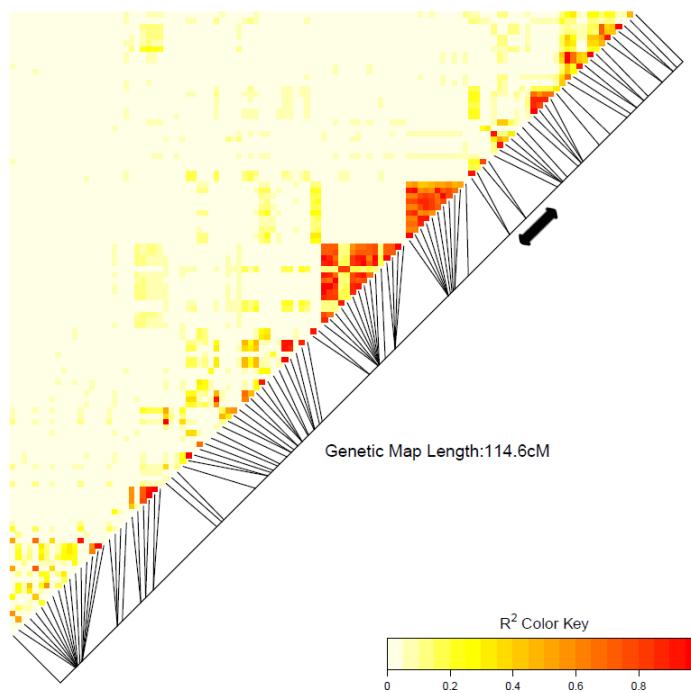
WOSR collection

C2



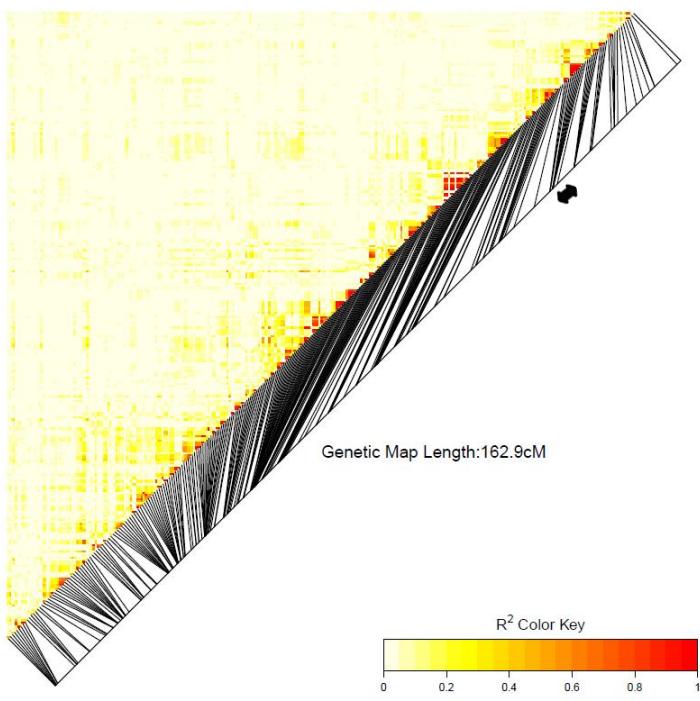
« 00 » WOSR collection

C2



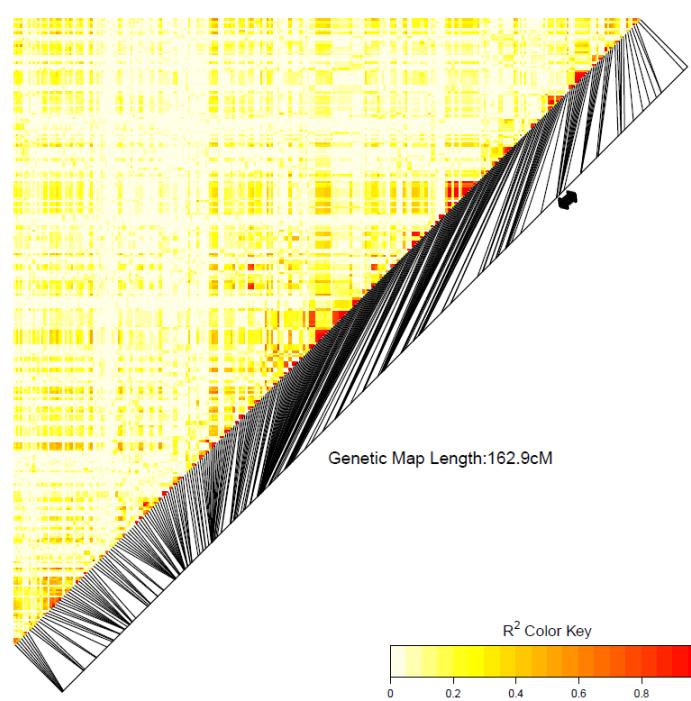
Whole collection

C3



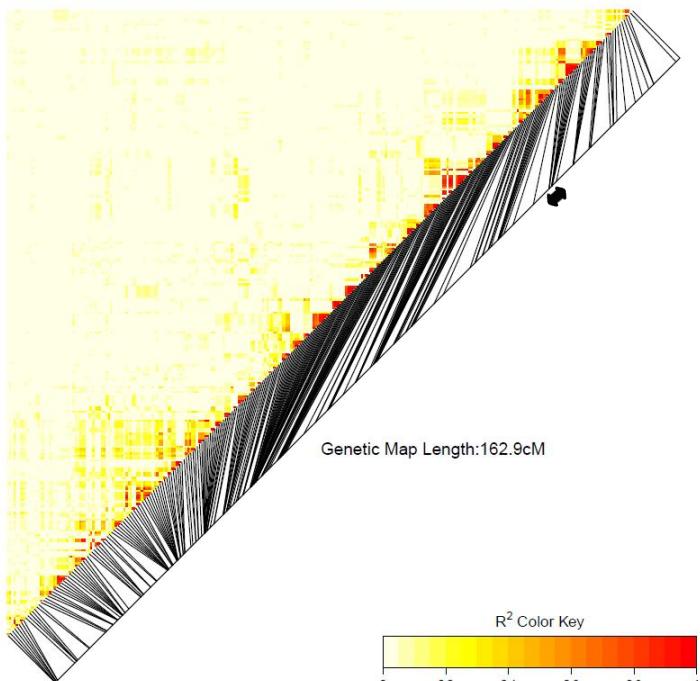
SOSR collection

C3



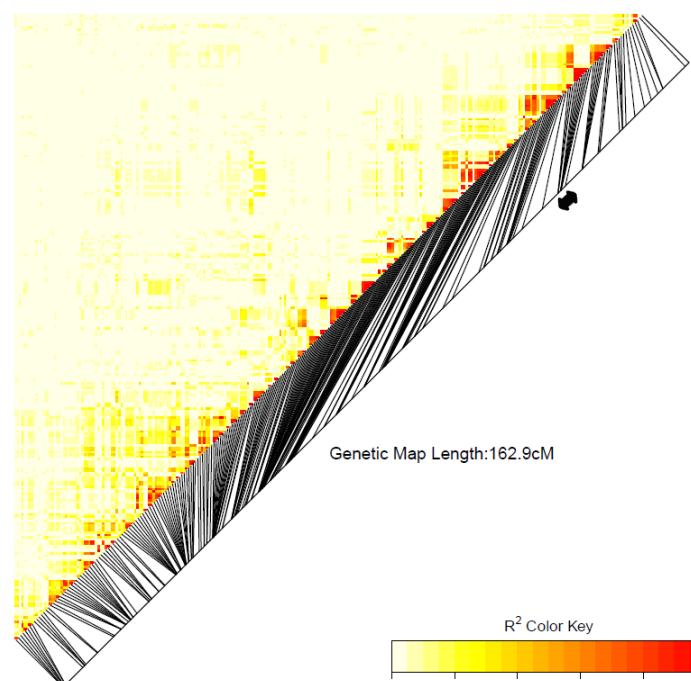
WOSR collection

C3



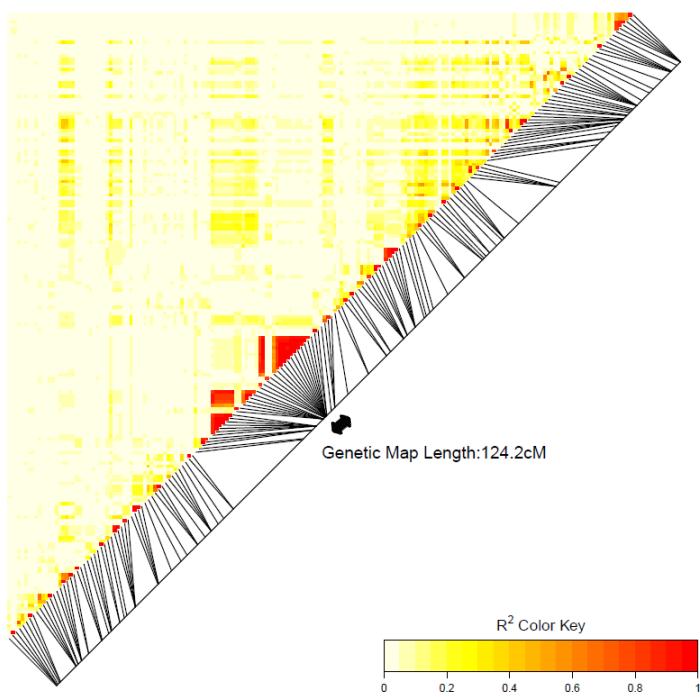
« 00 » WOSR collection

C3



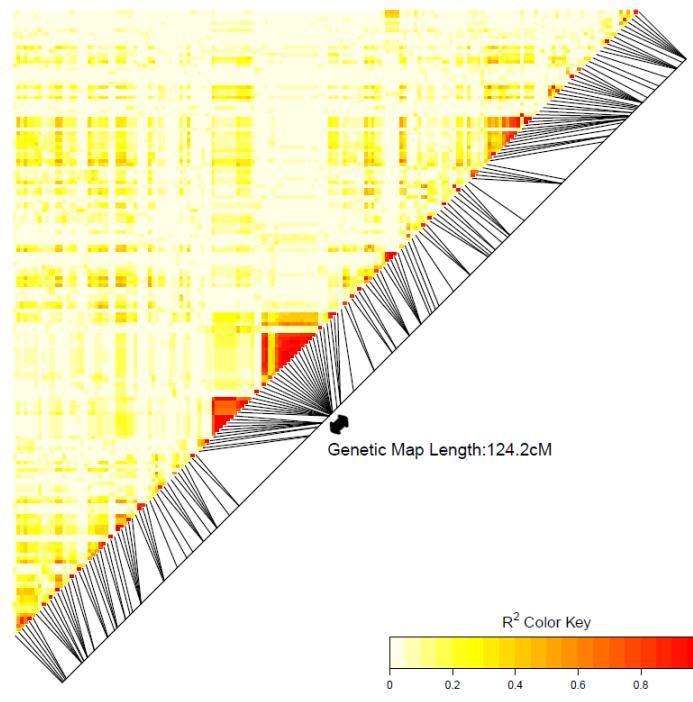
Whole collection

C4



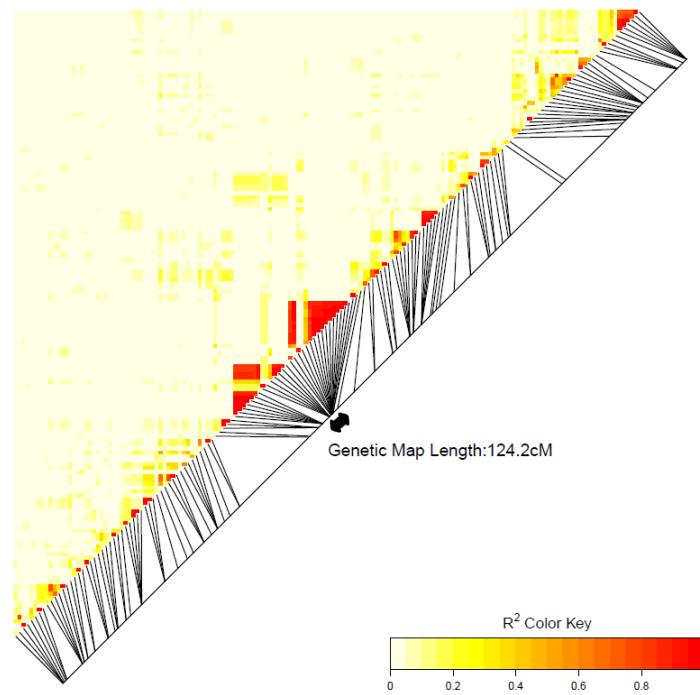
SOSR collection

C4



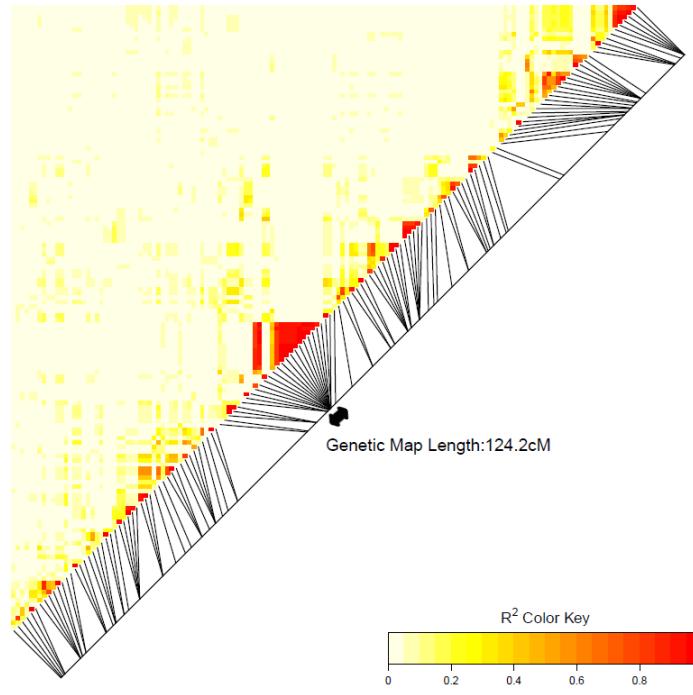
WOSR collection

C4



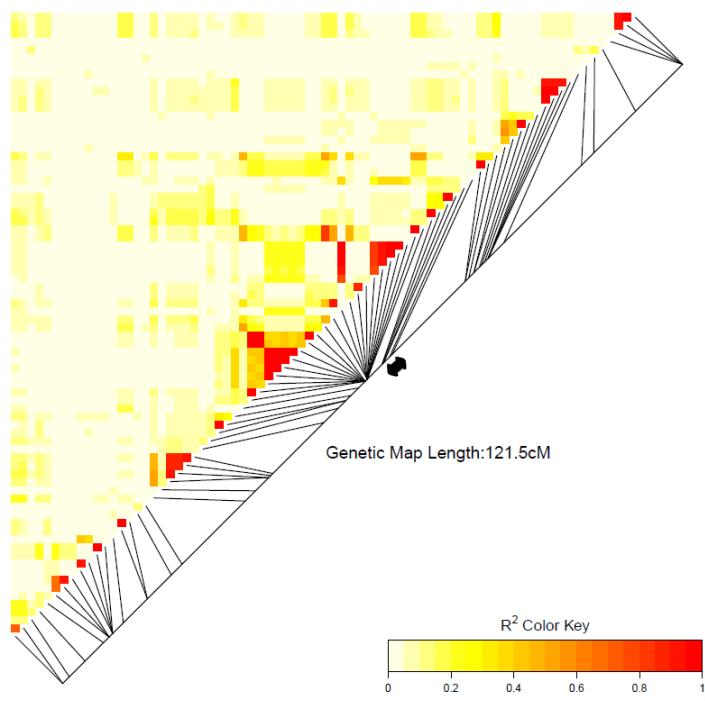
« 00 » WOSR collection

C4



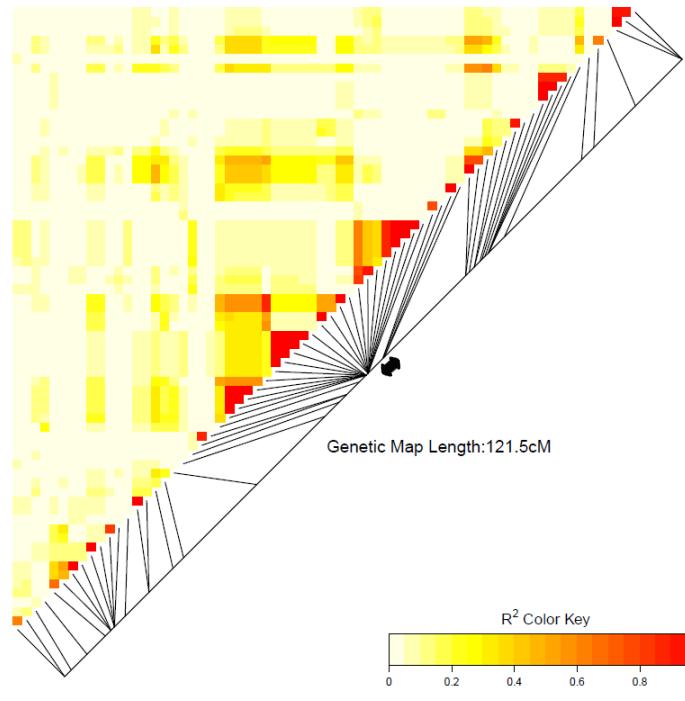
Whole collection

C5



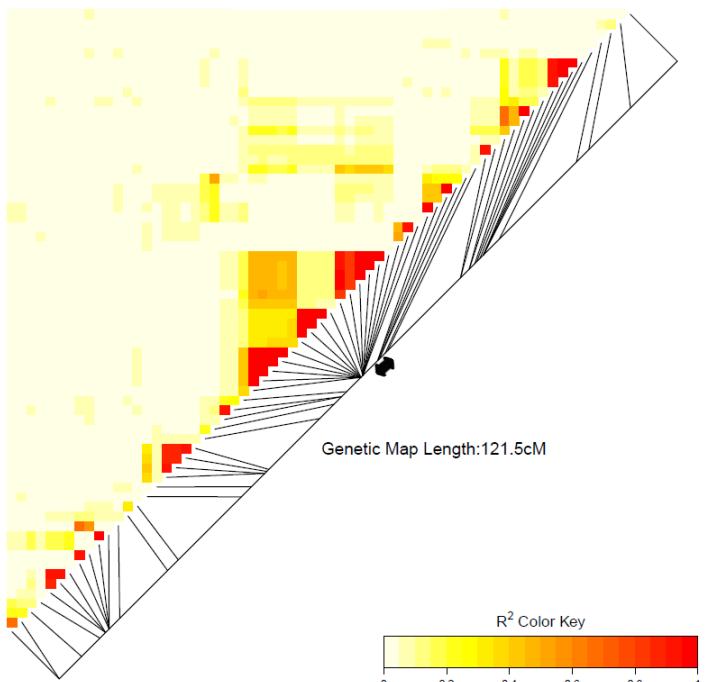
SOSR collection

C5



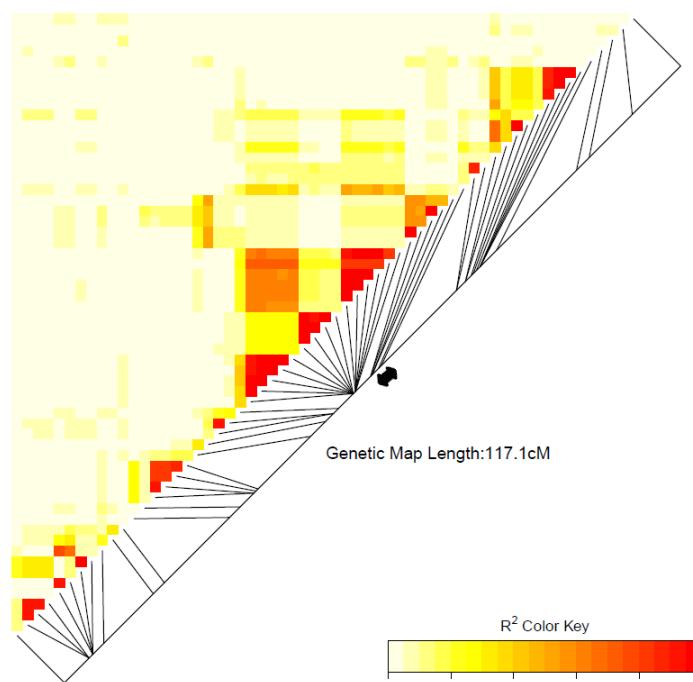
WOSR collection

C5



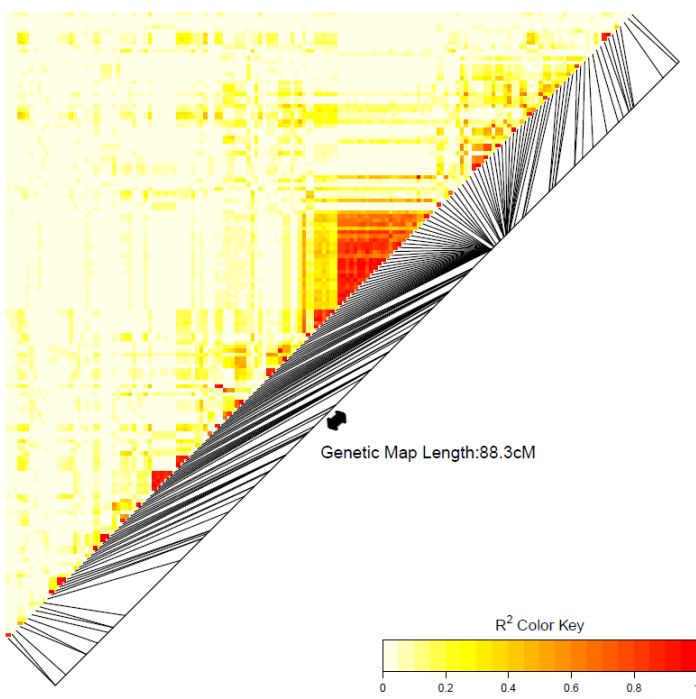
« 00 » WOSR collection

C5



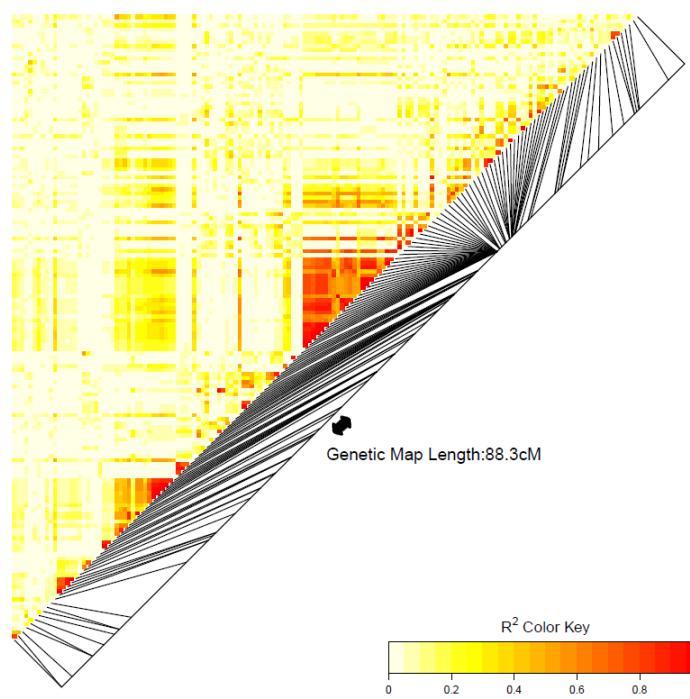
Whole collection

C6



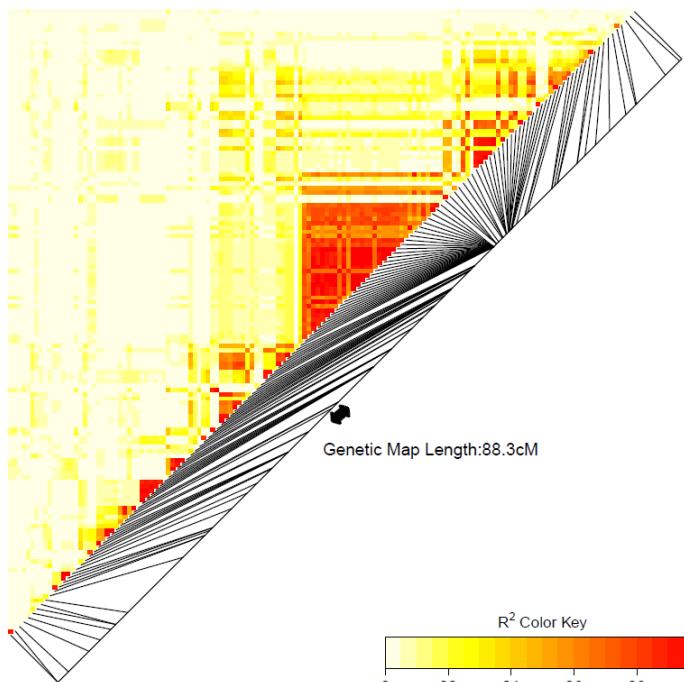
SOSR collection

C6



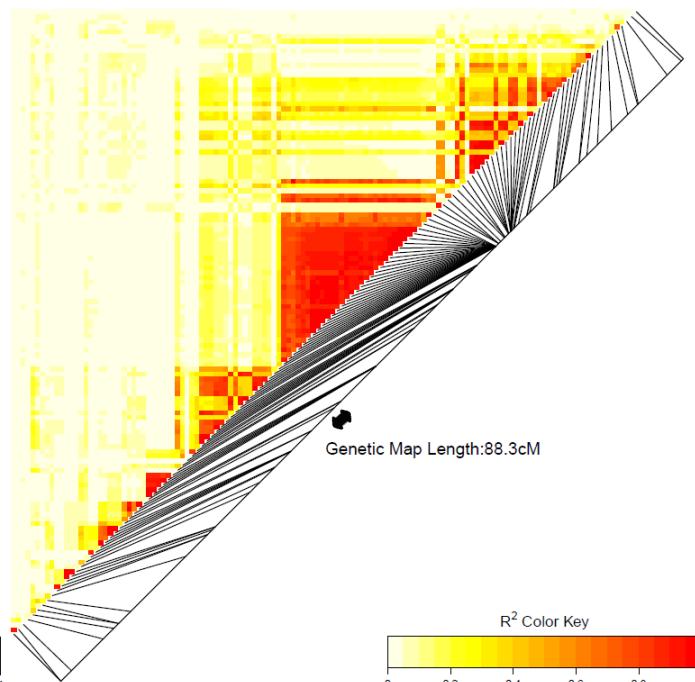
WOSR collection

C6

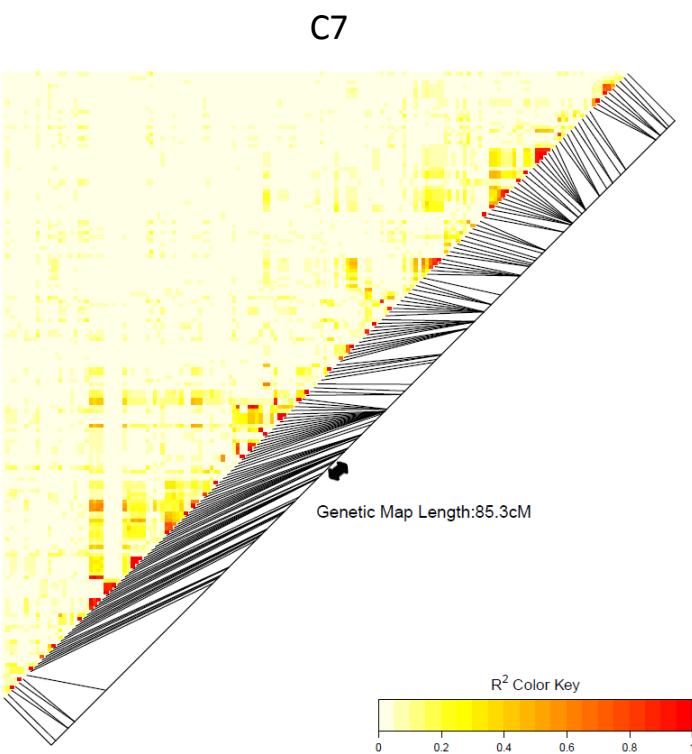


« 00 » WOSR collection

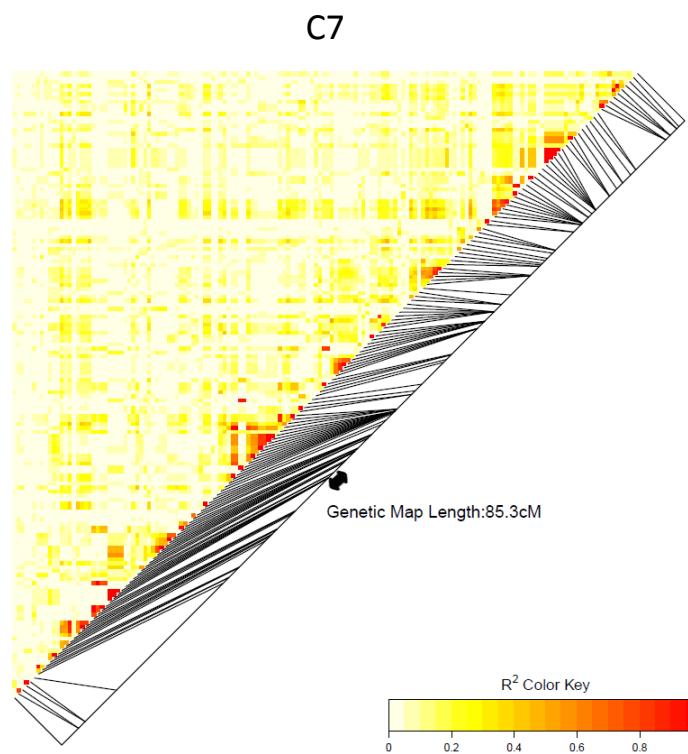
C6



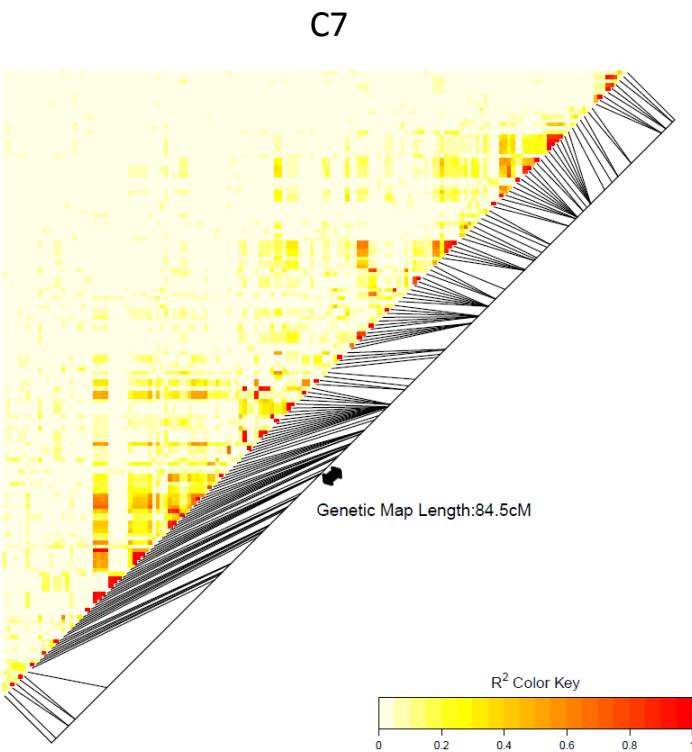
Whole collection



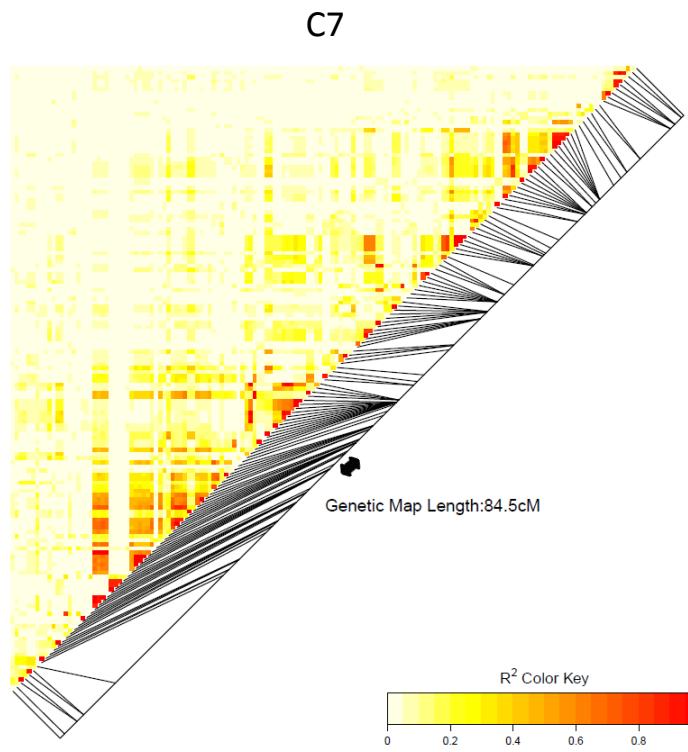
SOSR collection



WOSR collection

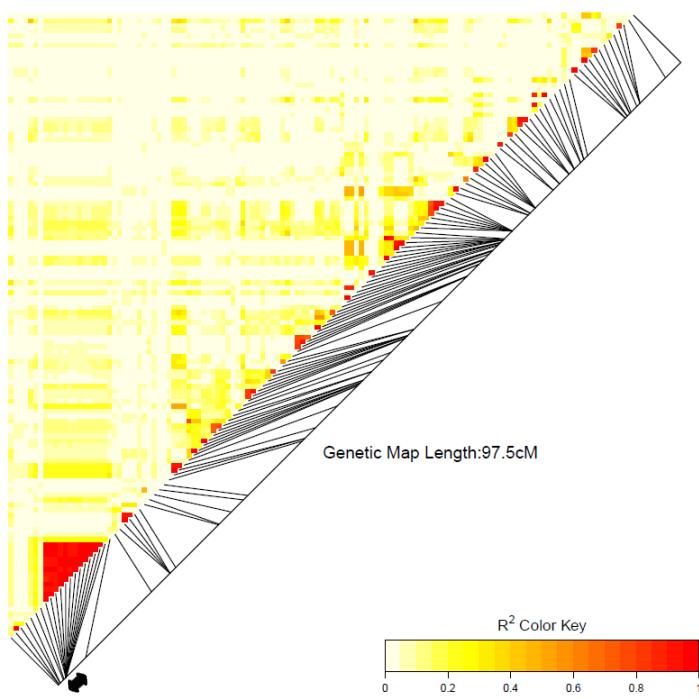


« 00 » WOSR collection



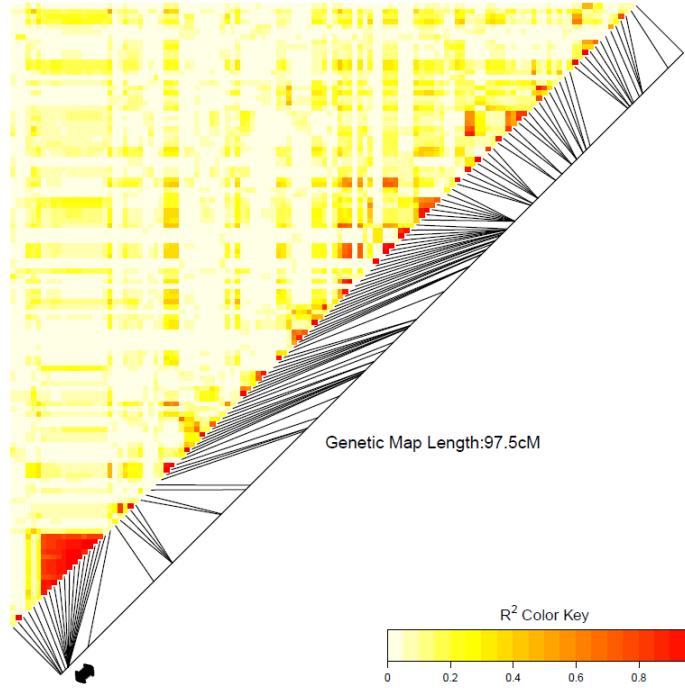
Whole collection

C8



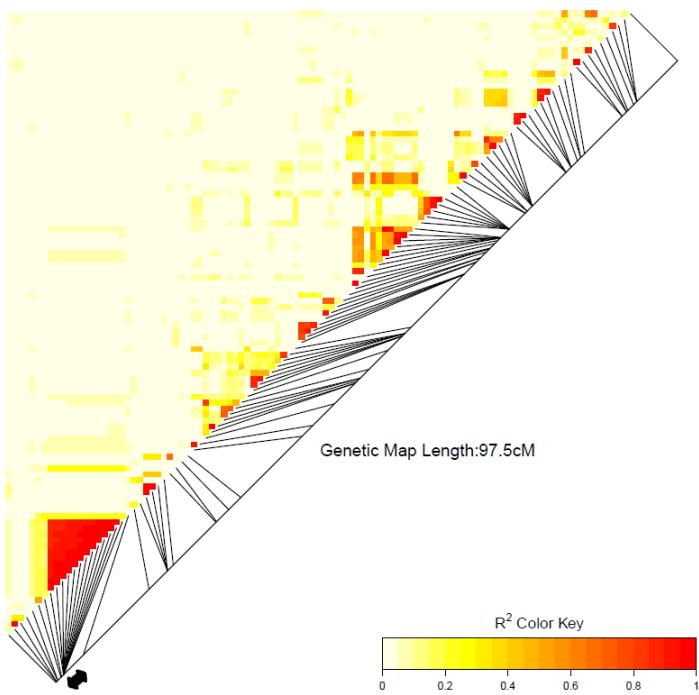
SOSR collection

C8



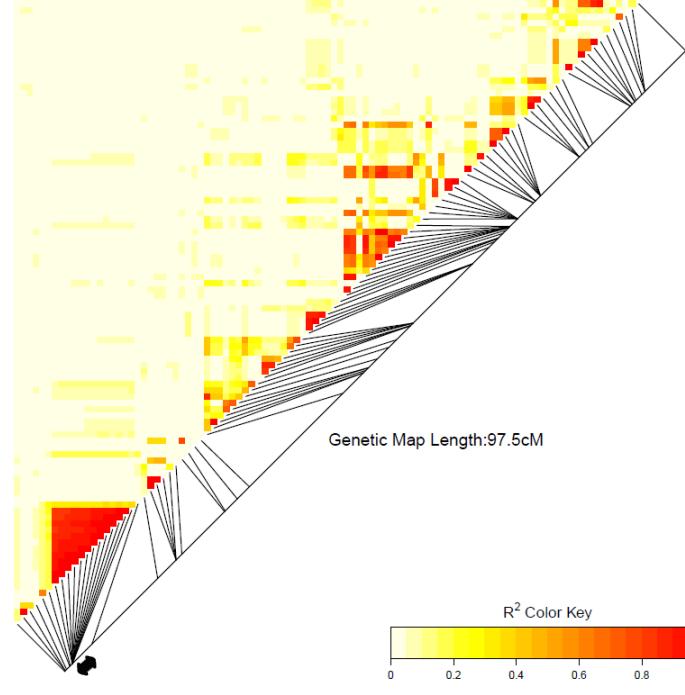
WOSR collection

C8



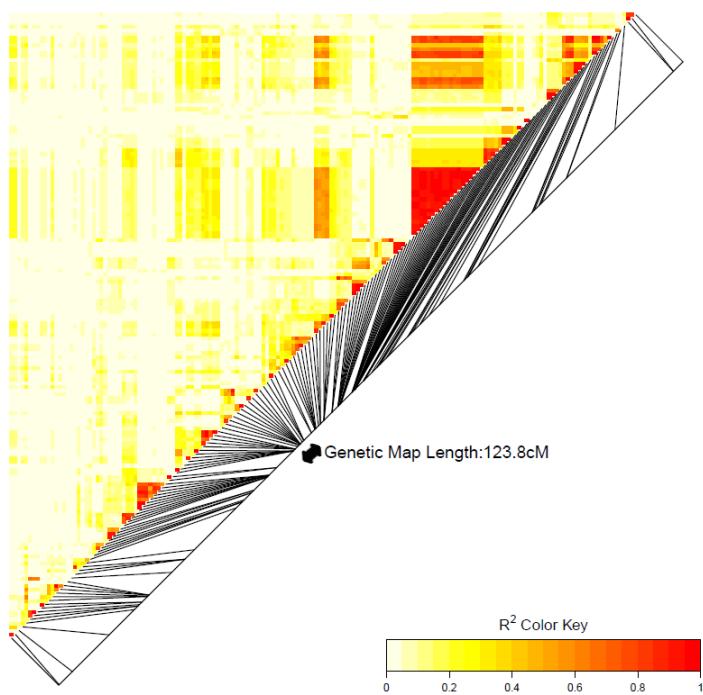
« 00 » WOSR collection

C8



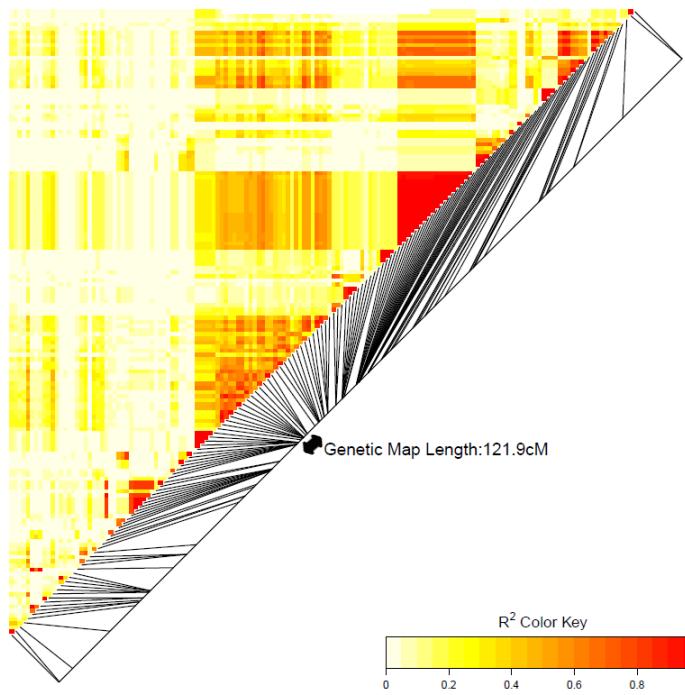
Whole collection

C9



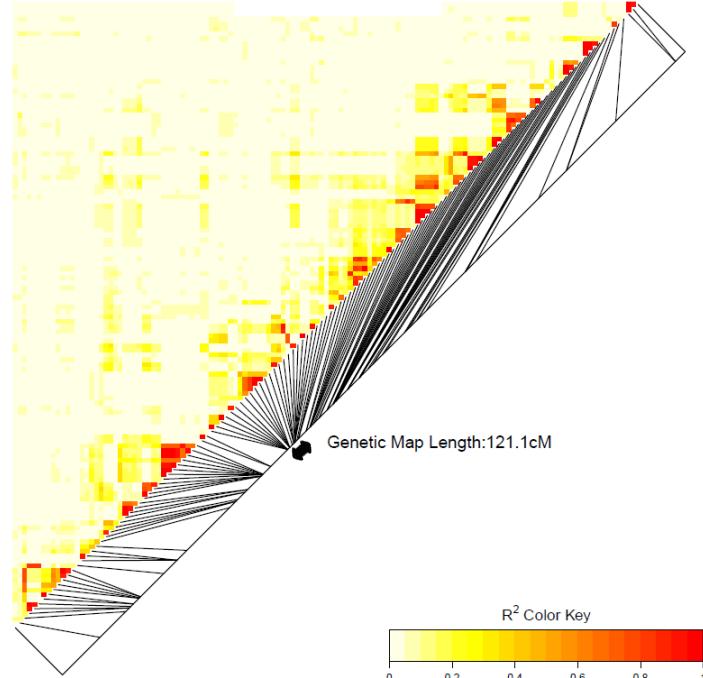
SOSR collection

C9



WOSR collection

C9



« 00 » WOSR collection

C9

