

Table S8 General information of the combined linkage maps of the simulated population with 200 individuals and 200 markers built by GACD, JoinMap4.1, OneMap and R/qtl.

Software	No. of unlinked markers	No. of linked markers in correct order	First marker	Last marker	Length (cM)	Time (min)
GACD	0	200	Marker1	Marker200	199.28	0.5
JoinMap4.1	5	195	Marker1	Marker200	198.62	5
OneMap	24	176	Marker1	Marker198	198.18	537
R/qtl	- ^a	-	-	-	-	-

^a R/qtl cannot give results for this population