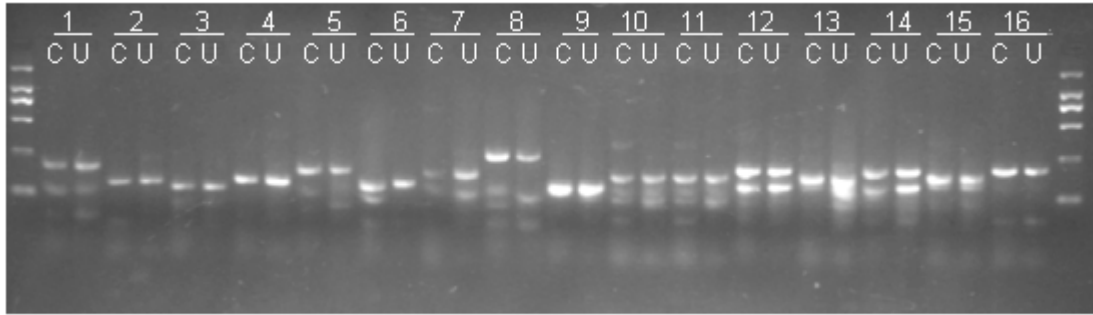
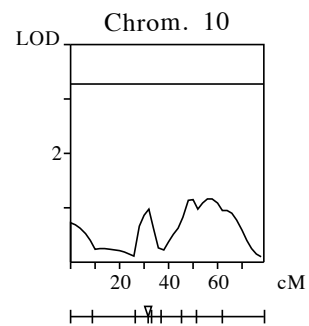
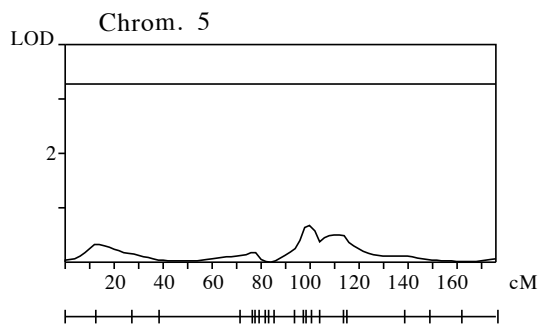
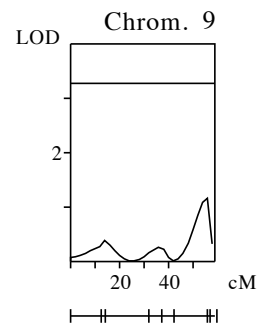
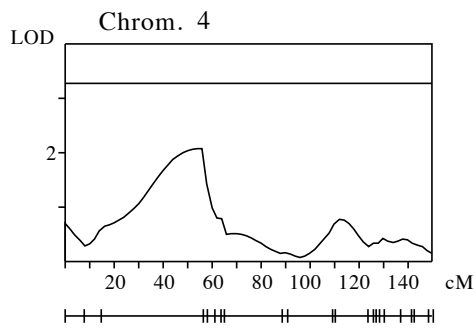
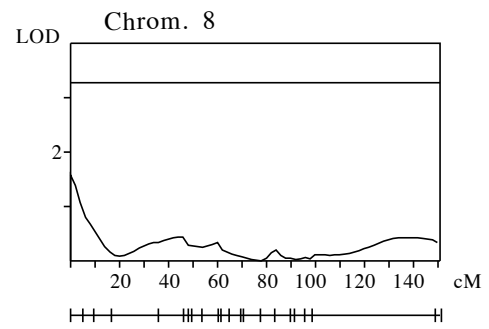
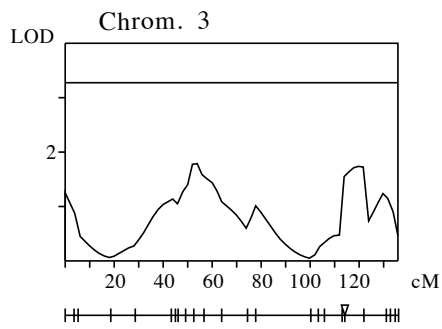
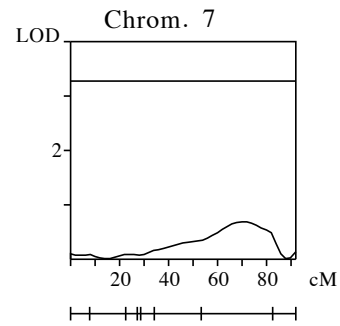
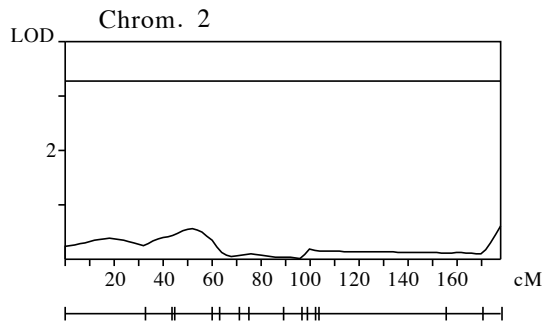
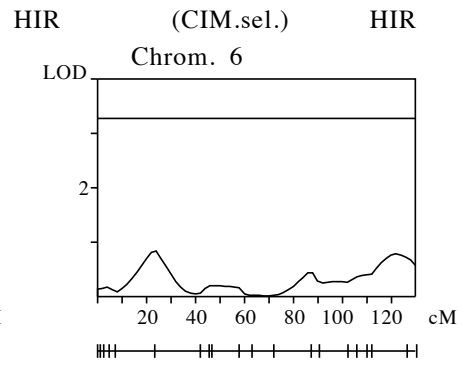
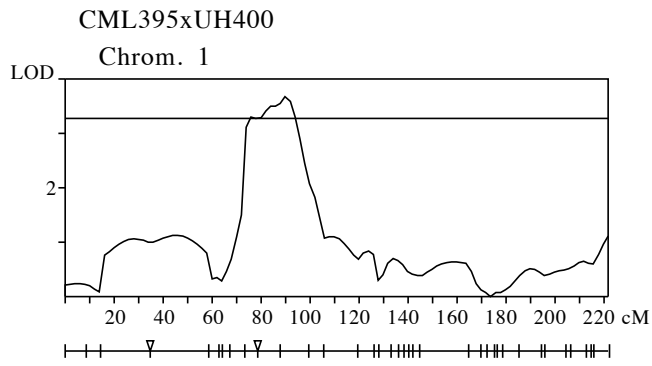


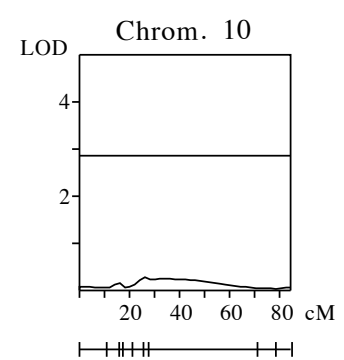
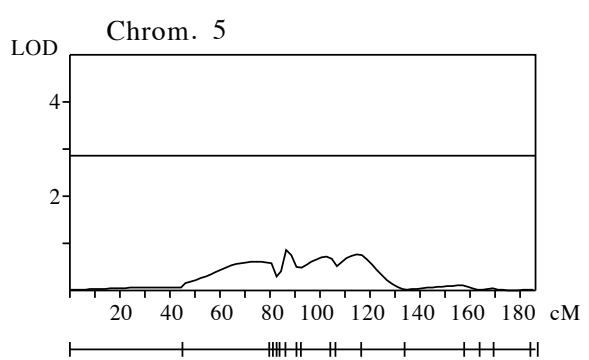
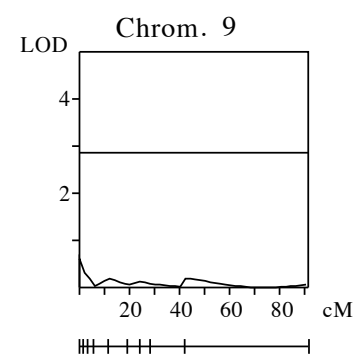
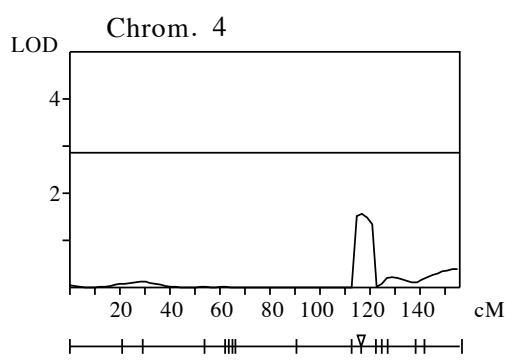
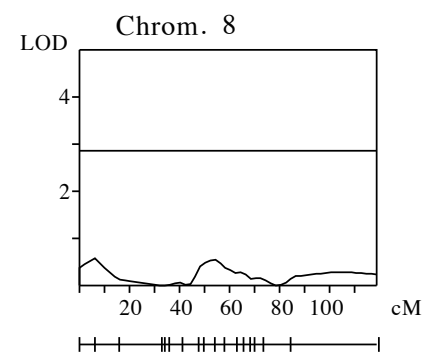
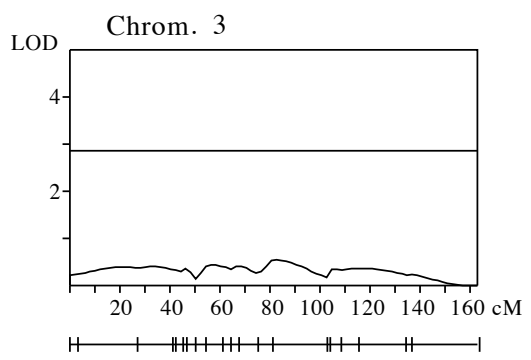
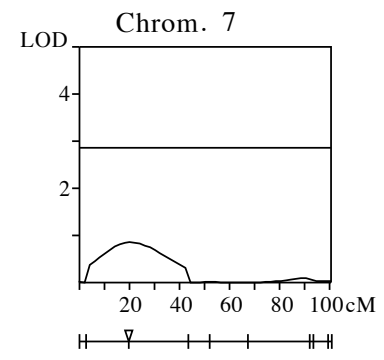
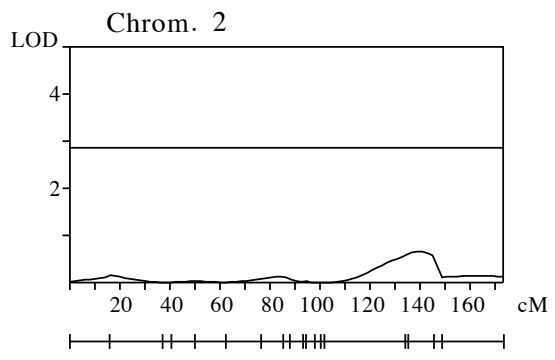
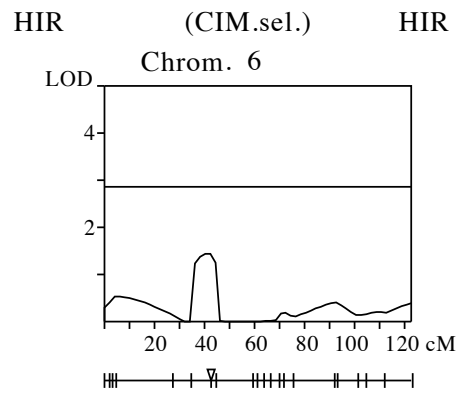
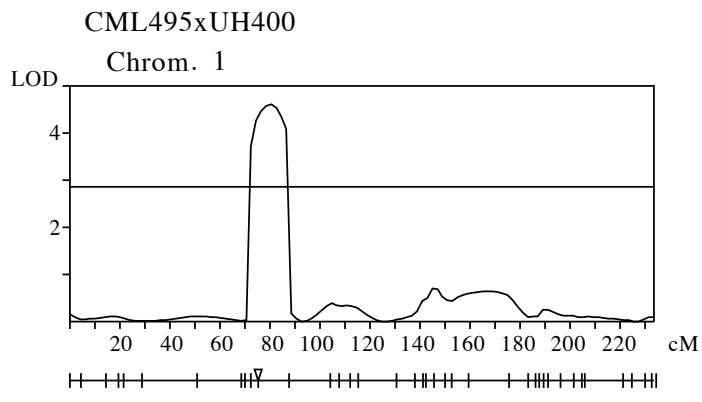
**Figure S1** Relationship between embryo abortion rates (EAR) observed in generations 1680-F<sub>2</sub> and 1680-F<sub>3</sub>.  $h^2$  denotes the heritability estimate and  $r_s$  denotes Spearman's rank correlation coefficient. \*\*\* Significant at  $P < 0.001$ .



**Figure S2** Representative gel profiles generated for haploid inducer inbreds CAUHOI (C) and UH400 (U) with 16 markers located in bin 1.04.



**Figure S3**  $\text{Log}_{10}$  of the likelihood odds ratio (LOD) profiles of 10 chromosomes determined during quantitative trait locus (QTL) analyses with composite interval mapping (CIM) for haploid induction rate (HIR) conducted in an  $F_3$  population from the cross CML395 X UH400. The solid vertical line in each plot represents the empirically determined critical LOD threshold. The line below each plot represents the length of the chromosome (in cM); dashes on this line represent marker positions, triangles represent cofactor positions.



**Figure S4**  $\text{Log}_{10}$  of the likelihood odds ratio (LOD) profiles of 10 chromosomes determined during quantitative trait locus (QTL) analyses with composite interval mapping (CIM) for haploid induction rate (HIR) conducted in an  $F_3$  population from the cross CML495 X UH400. The solid vertical line in each plot represents the empirically determined critical LOD threshold. The line below each plot represents the length of the chromosome (in cM); dashes on this line represent marker positions, triangles represent cofactor positions.

**File S1**

**Genotypes and phenotypes of the populations described in this study**

File S1 is available for download at <http://www.genetics.org/content/suppl/2011/11/30/genetics.111.133066.DC1> as a compressed folder.