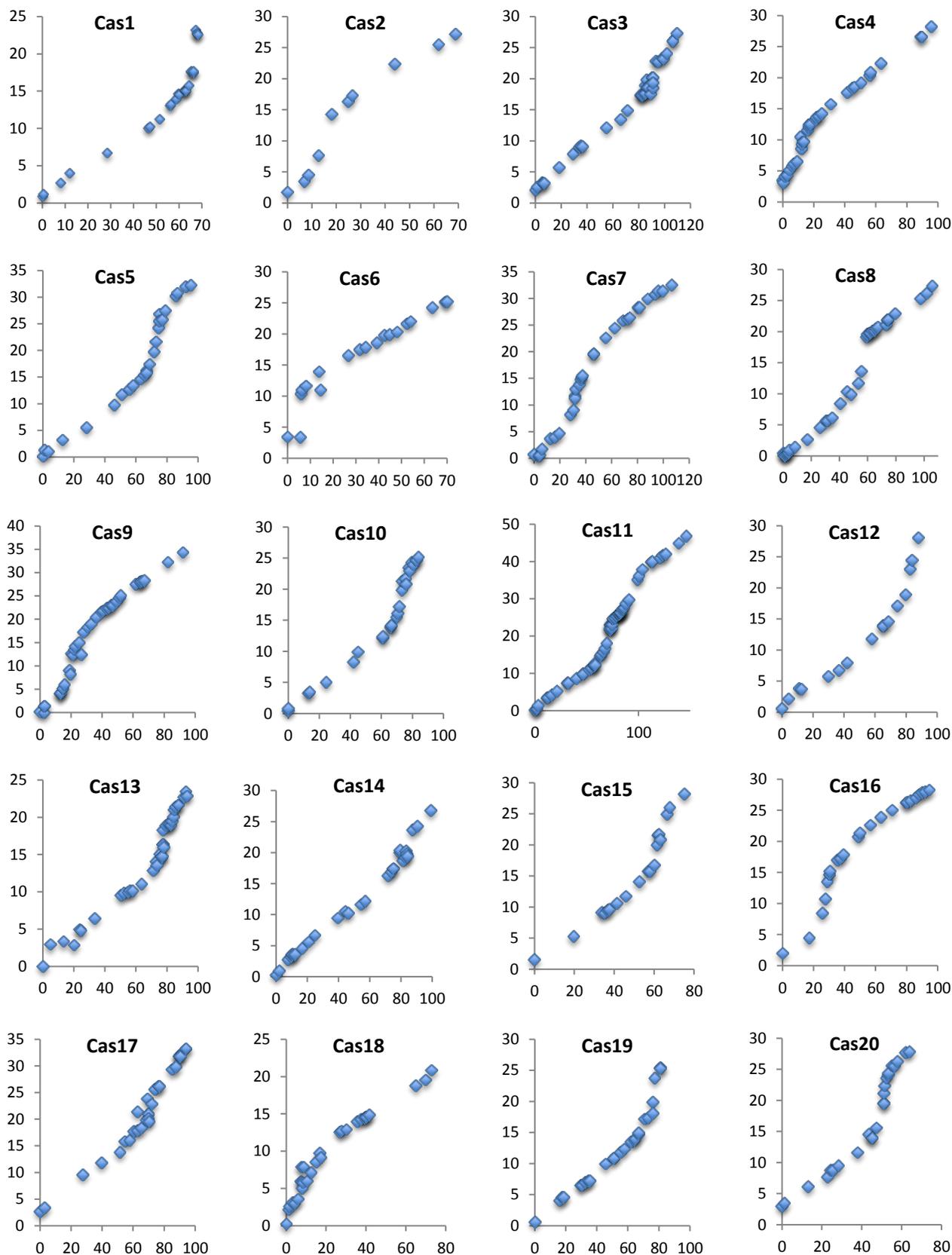
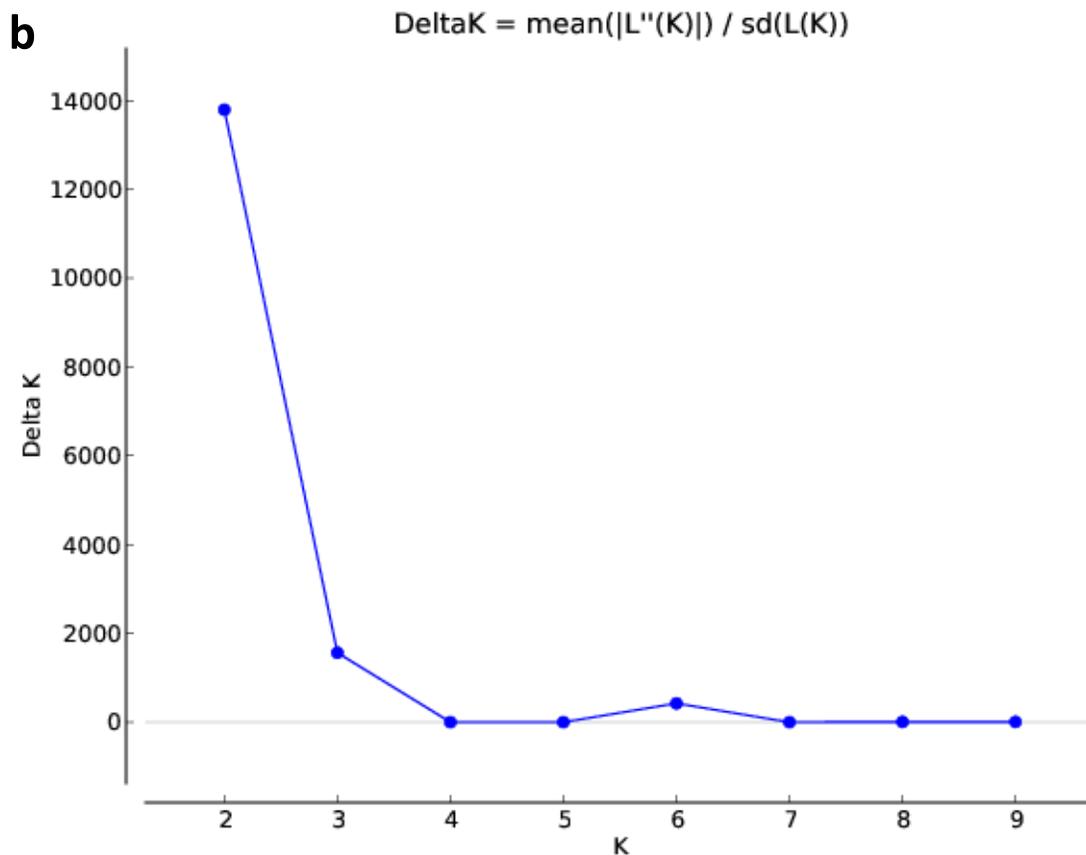
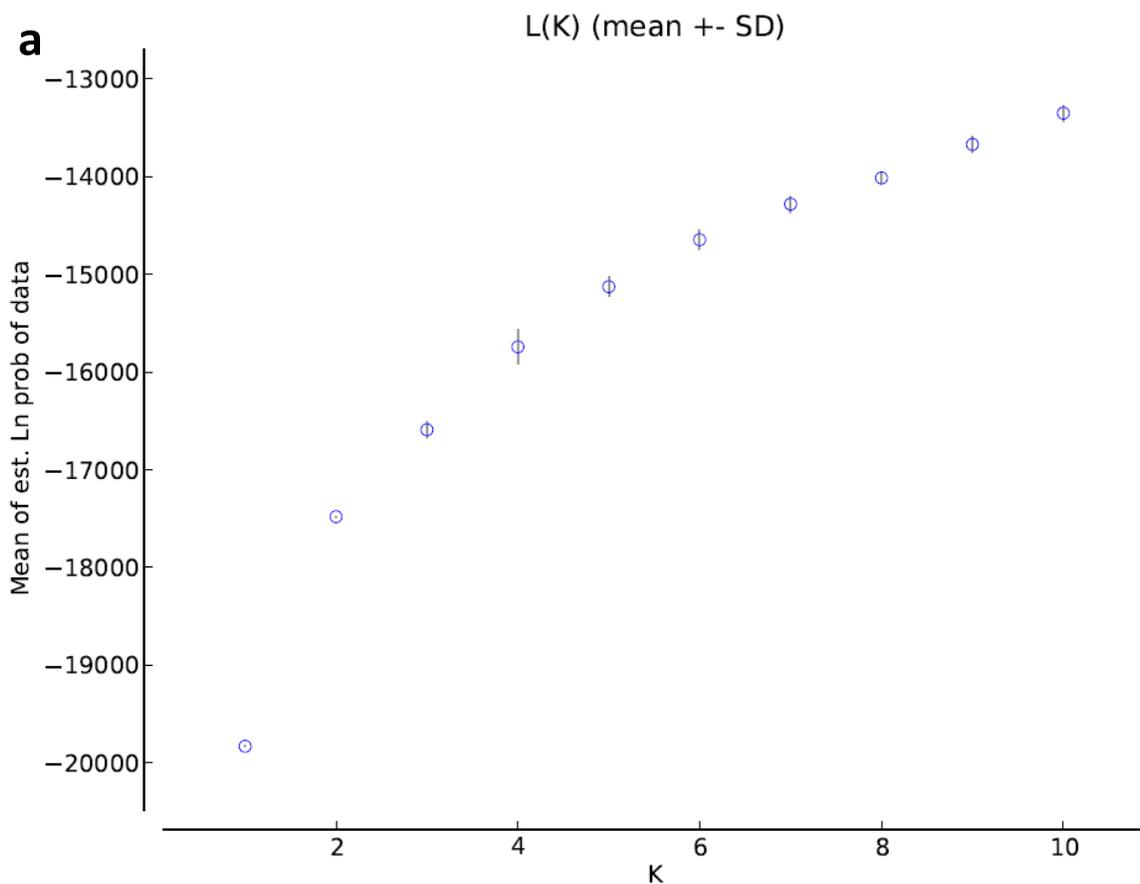


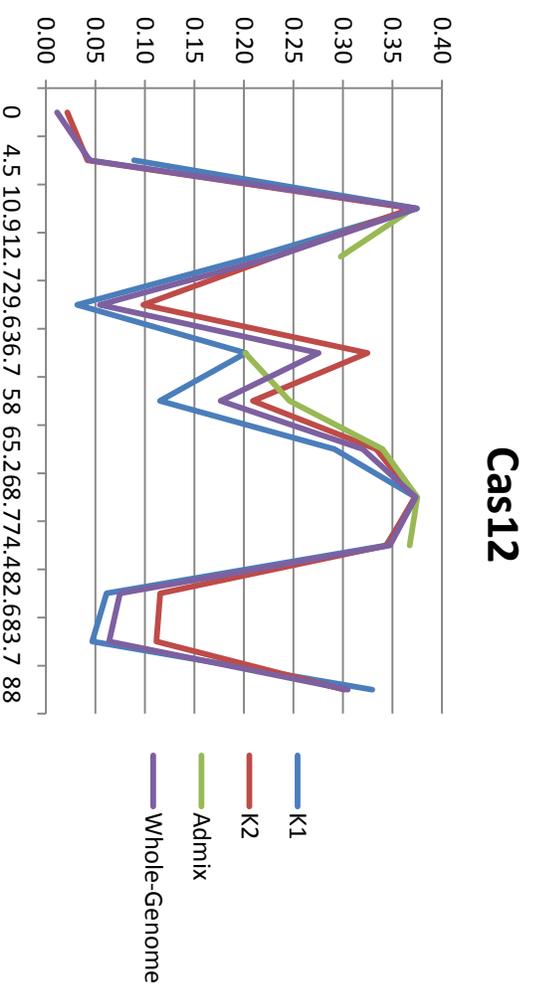
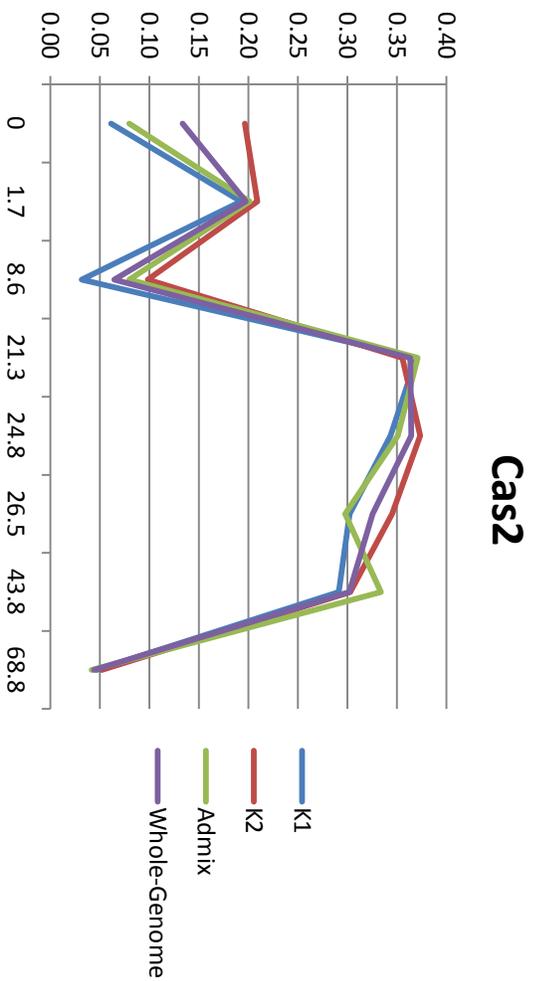
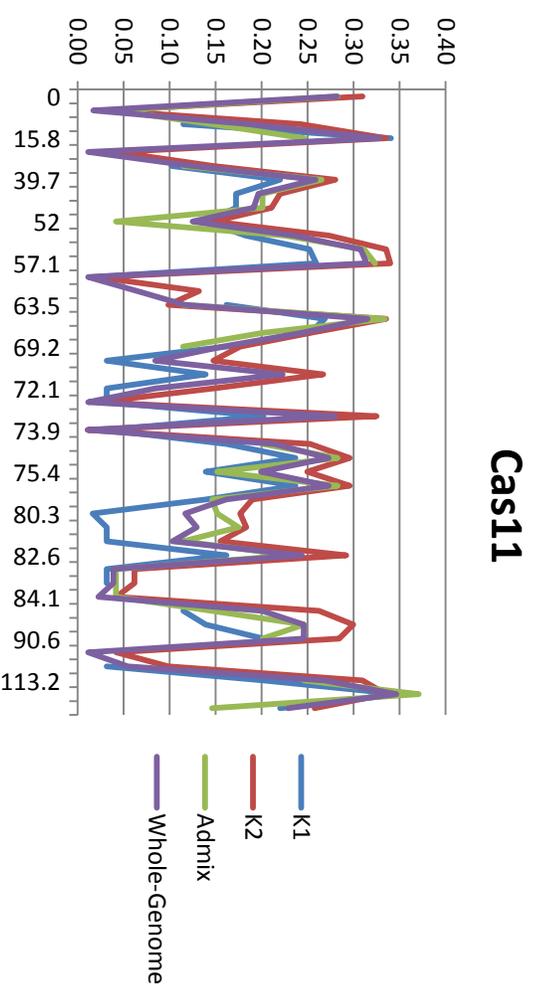
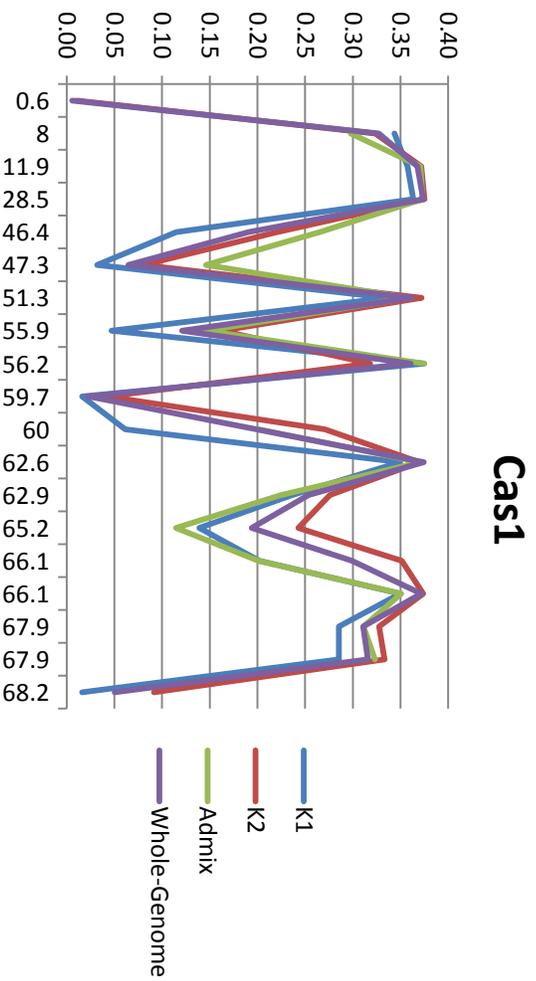
Supplementary Figure S1: Plot of genetic map position (cM) on x-axis against physical map position (Mb) on the y-axis for each SNP marker on the *C. sativa* genetic map.

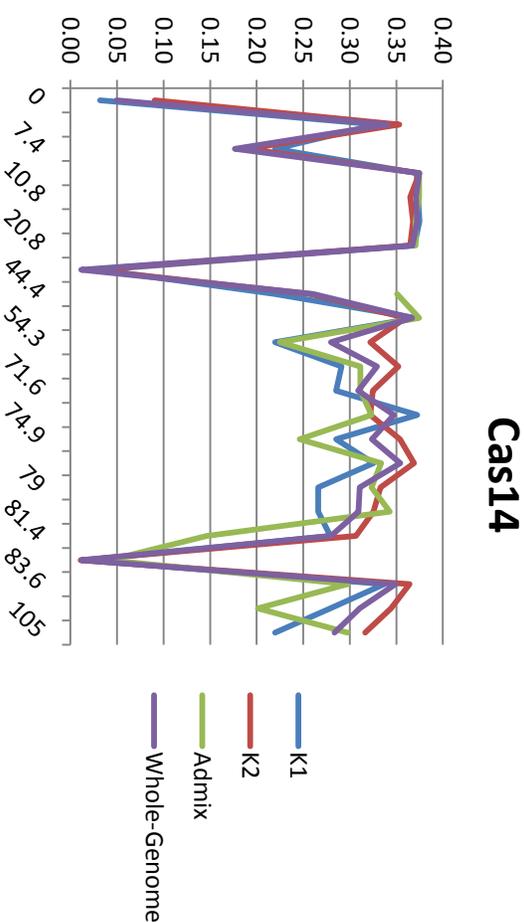
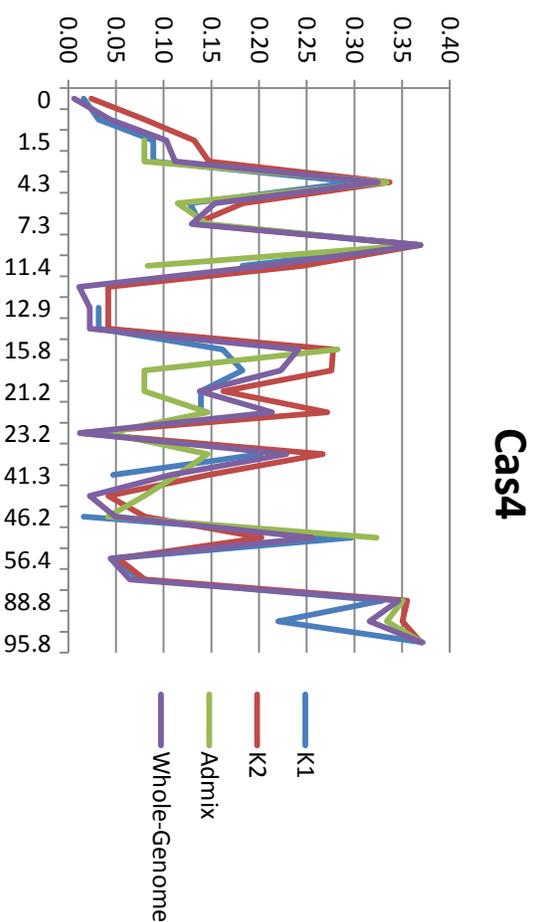
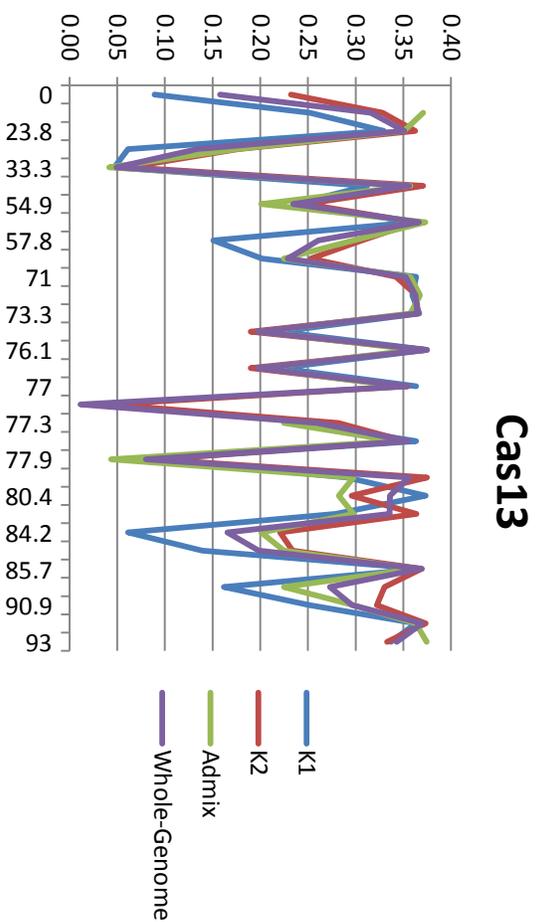
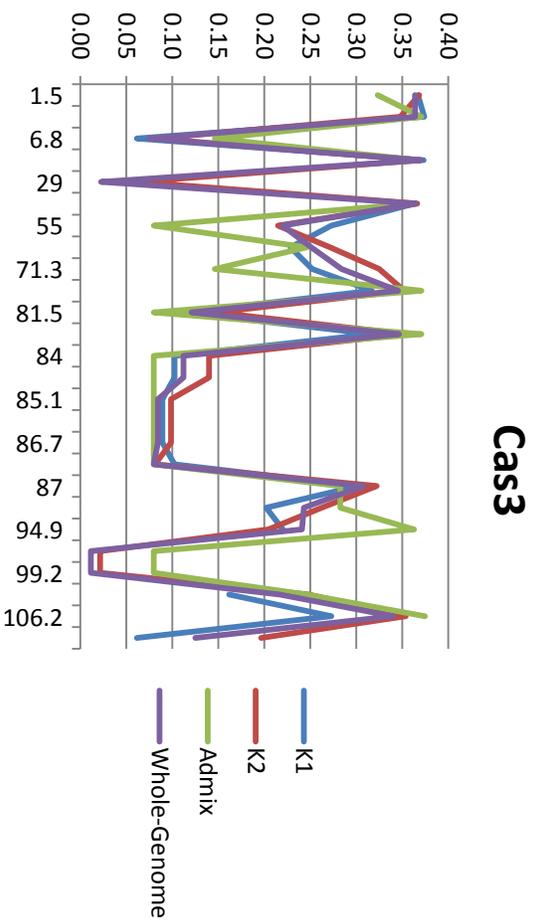


Supplementary Figure S2: Population structure analysis of 175 *C. sativa* accessions by STRUCTURE. (a) Estimated LnP(D) of possible clusters (k) from 1 to 10; (b) Evanno's Δk based on the rate of change of LnP(D) between successive k.

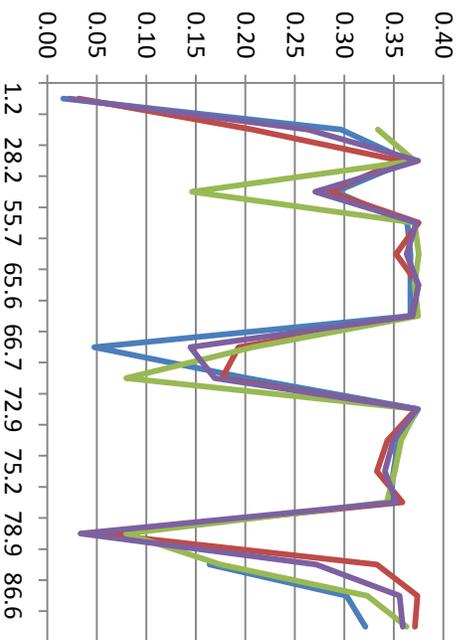


Supplementary Figure S3: Distribution of PIC values along the *C. sativa* linkage groups in the sub-populations K1, K2 and admixture groups along with whole collection of *C. sativa* accessions.



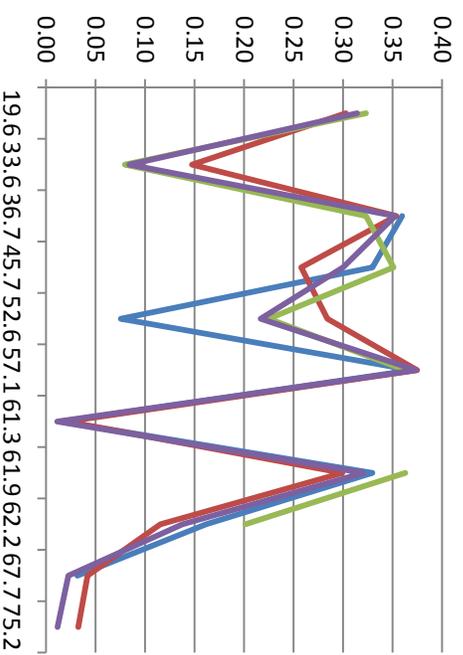


Cas5



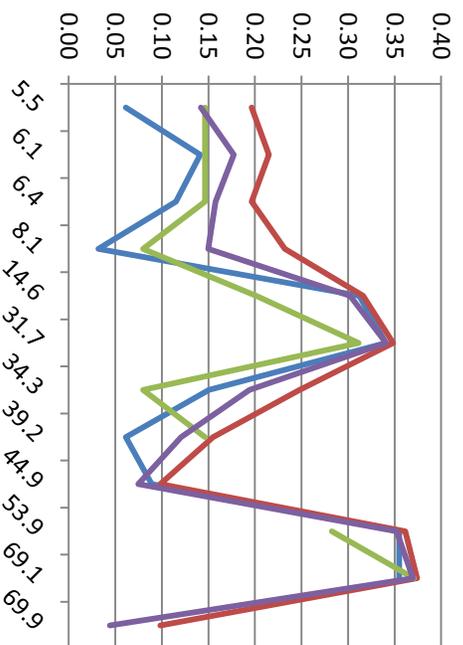
K1
K2
Admix
Whole-Genome

Cas15



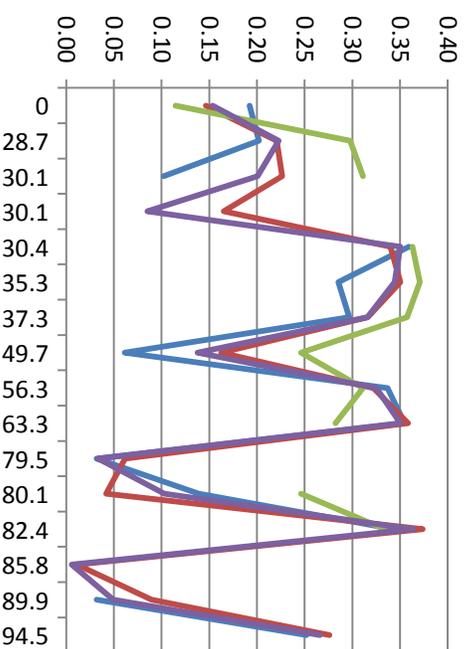
K1
K2
Admix
Whole-Genome

Cas6



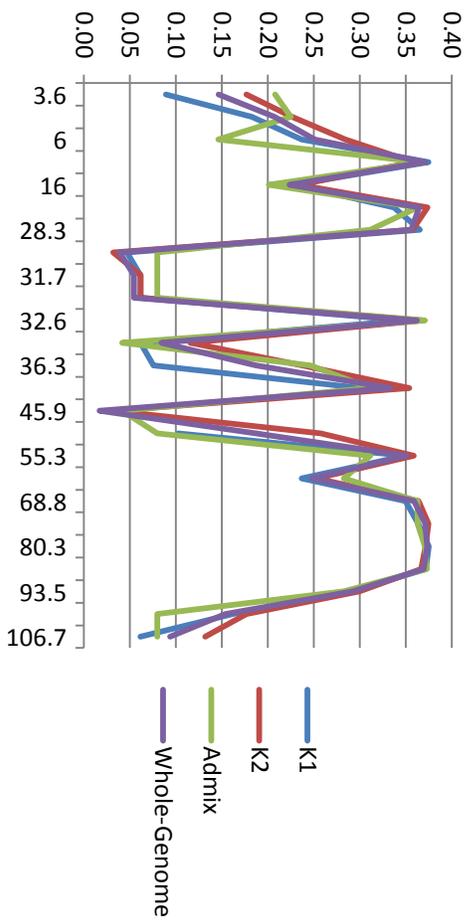
K1
K2
Admix
Whole-Genome

Cas16

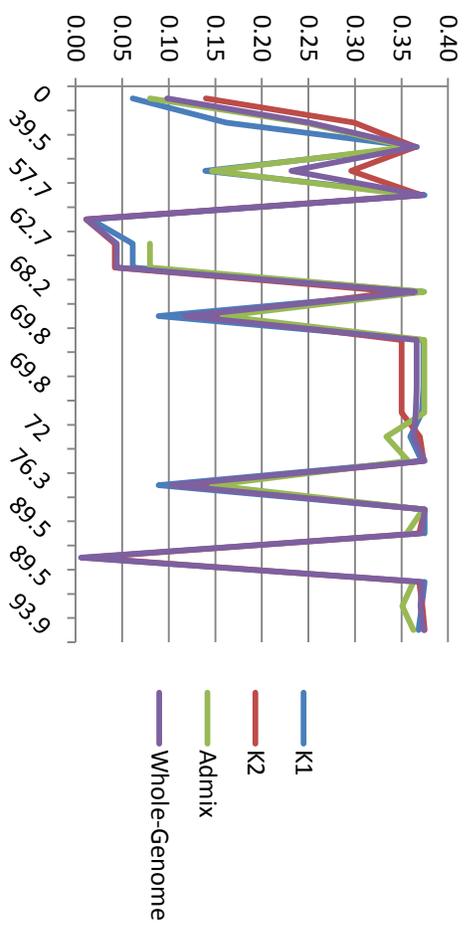


K1
K2
Admix
Whole-Genome

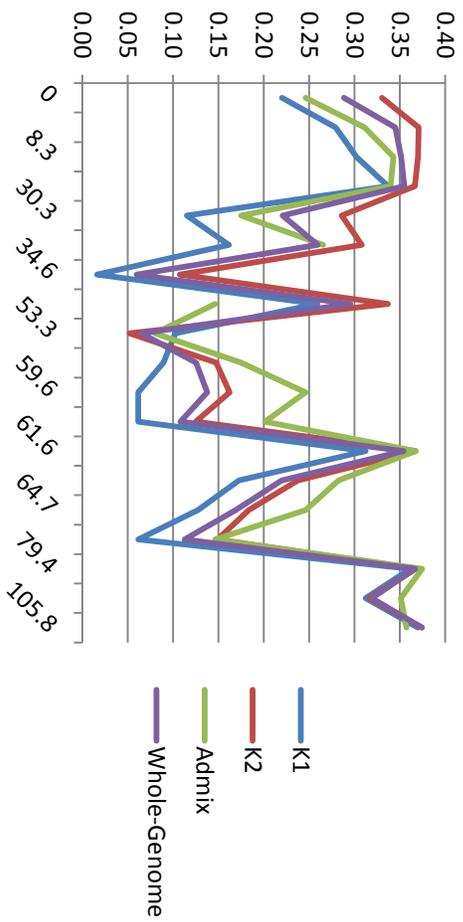
Cas7



Cas17



Cas8



Cas18

