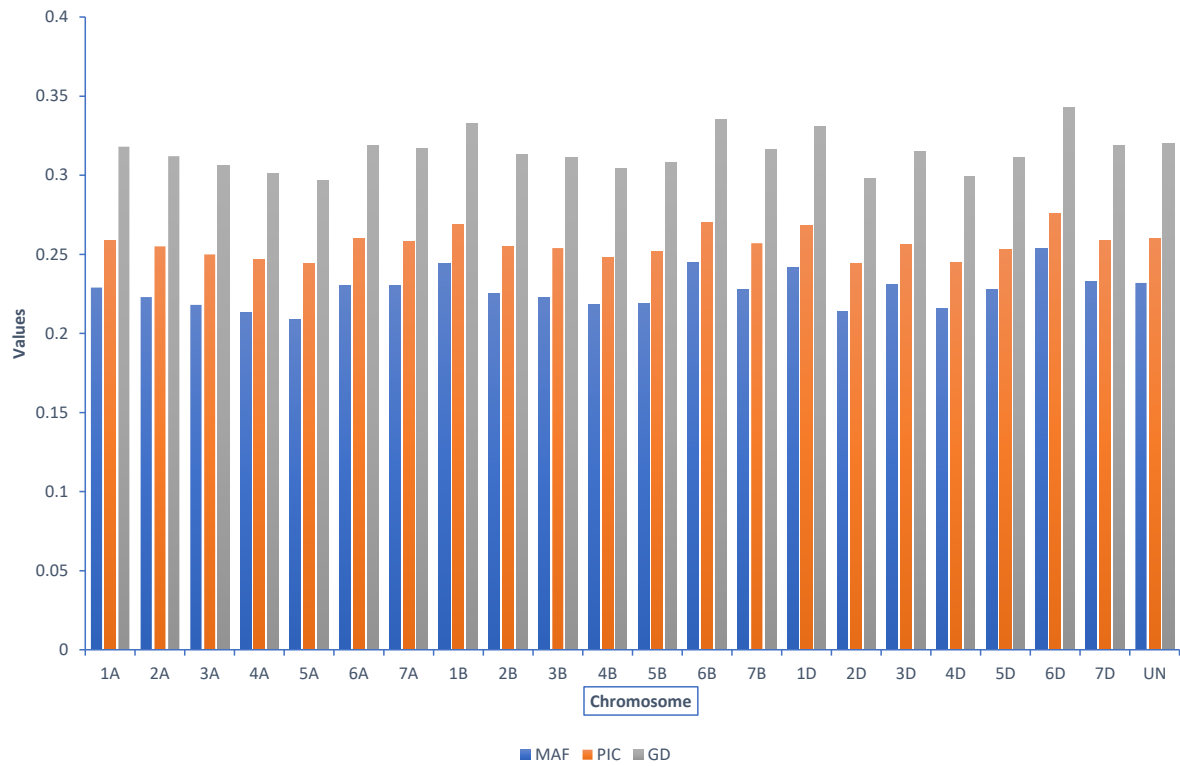
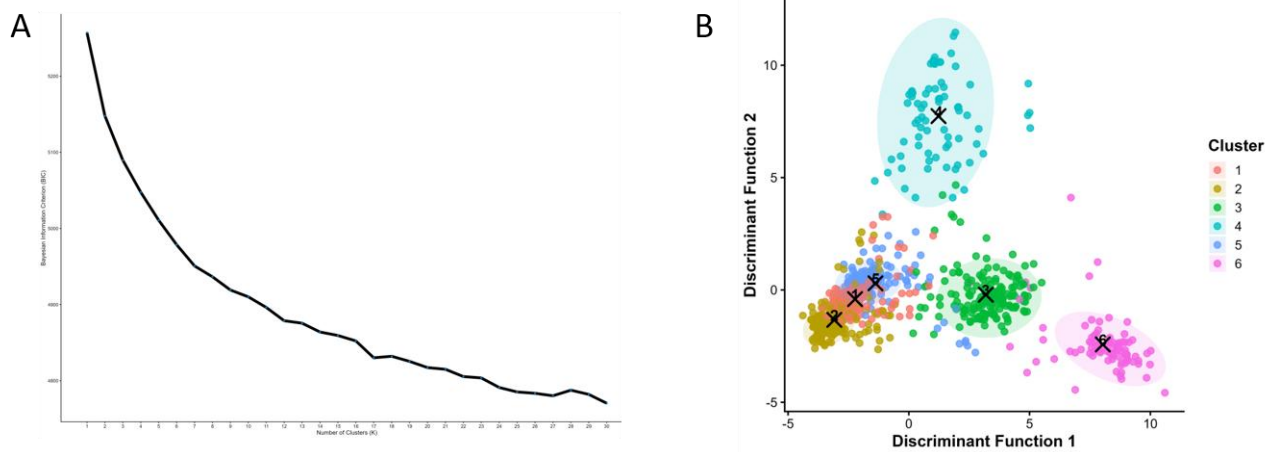


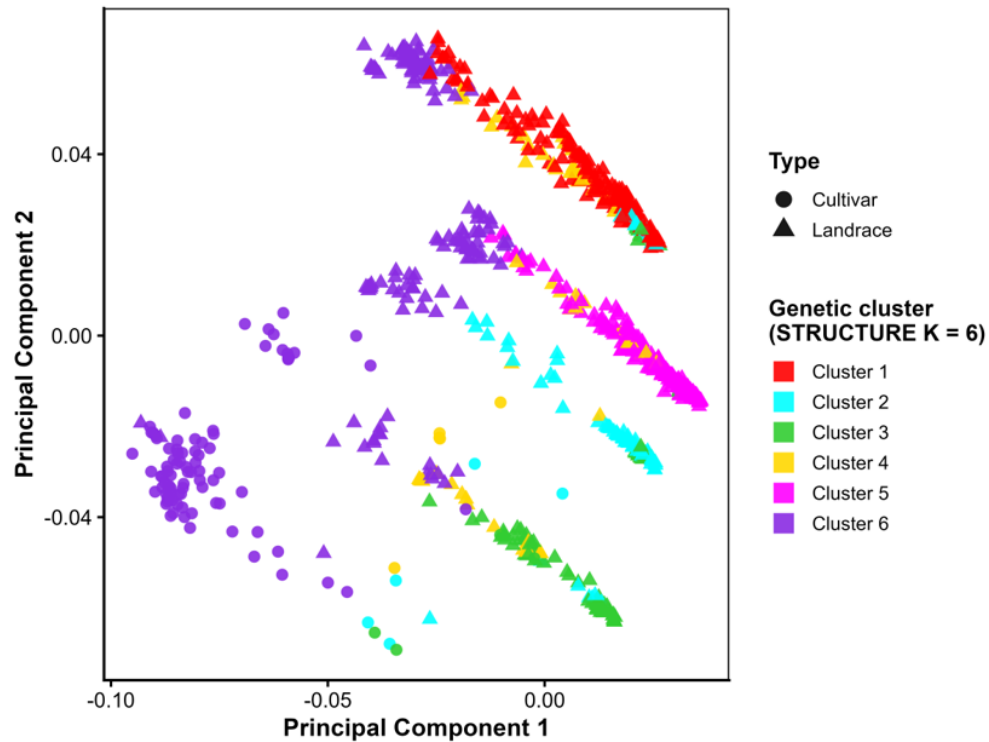
Supplementary Figures



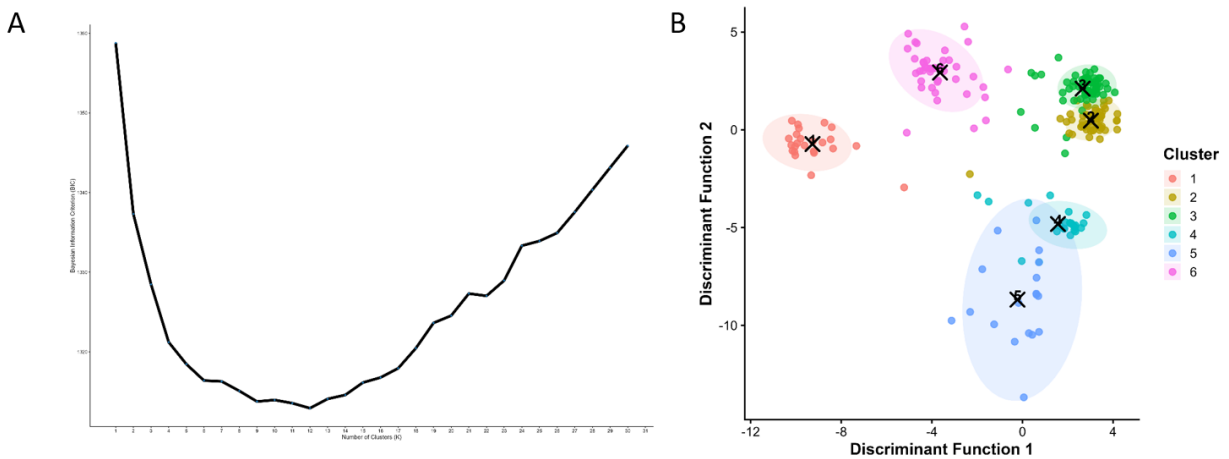
Supplementary Figure S1. Minor allele frequency, polymorphism information content and Observed Heterozygosity of SNP markers.



Supplementary Figure S2. Discriminant Analysis of Principal Components (DAPC) of the wheat germplasm panel based on LD-pruned SNPs. (A) Bayesian Information Criterion (BIC) values obtained for K = 1-30. (B) Scatter plot along the discriminant function (LD1) and LD2 obtained from DAPC using the imposed K = 6 for comparison with the STRUCTURE analysis.



Supplementary Figure S3. PCA based on SNP markers. Colors reflect groupings derived from structure analysis at K=6



Supplementary Figure S4. Discriminant Analysis of Principal Components (DAPC) of the core set based on LD-pruned SNPs. (A) Bayesian Information Criterion (BIC) values obtained K = 1-30. (B) Scatter plot along the discriminant function (LD1) and LD2 obtained from DAPC using the imposed K = 6 for comparison with the STRUCTURE analysis.