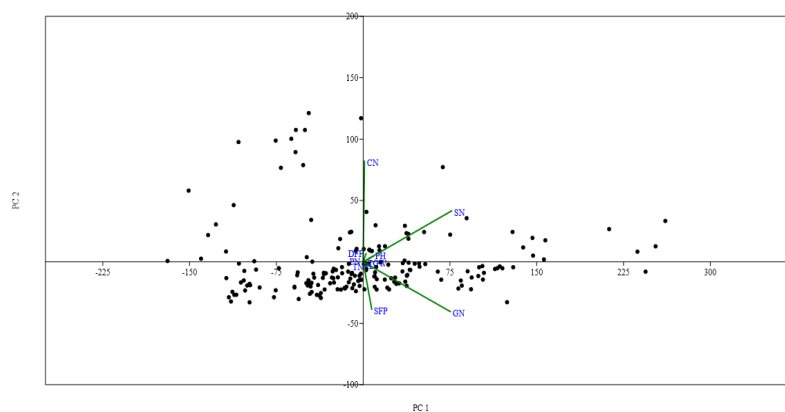
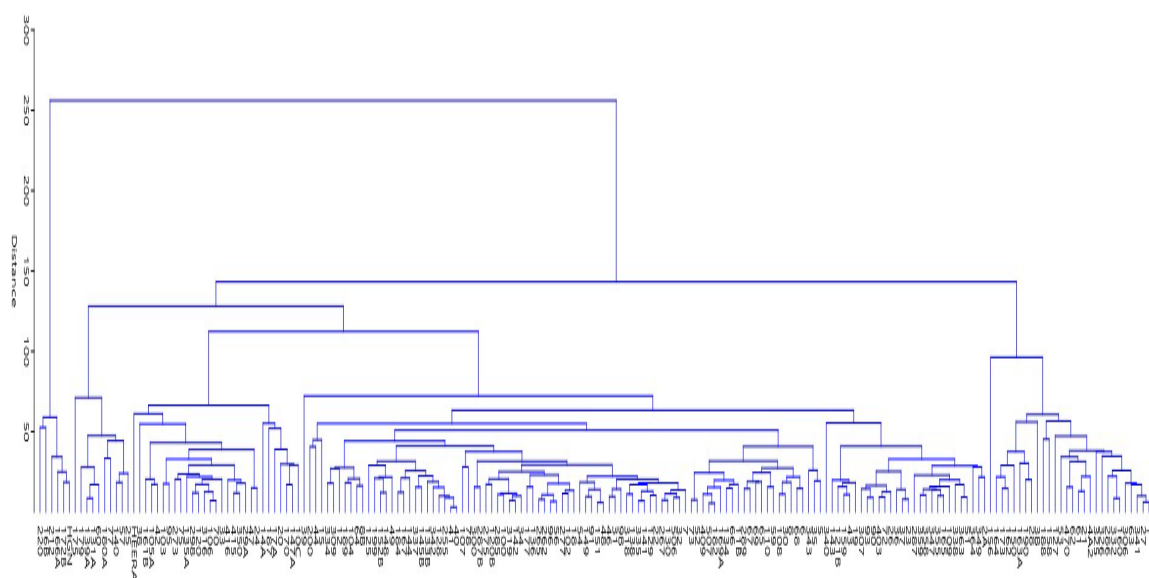




Supplementary Fig 1 Biplot to explain the majority of the data variance using the loading vectors and PC scores.



Supplementary Fig 2 Ward method of dendrogram showing genetic relationship among 188 RILs and parents based on phenotypic data.