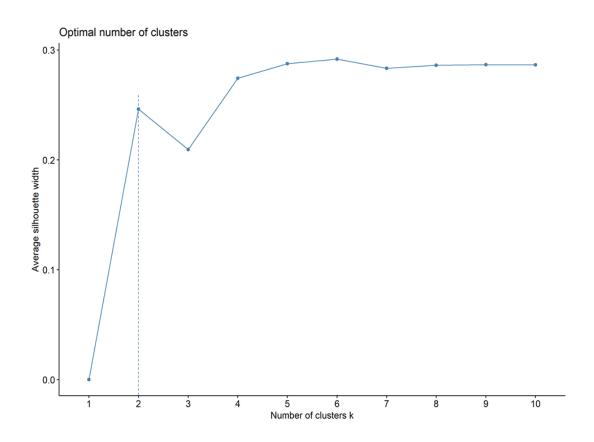


**Fig. S1.** Summary statistics of 2053 DArTag SNP markers used to assess the genetic diversity among the Ex-PVP inbred lines



**Fig. S2.** Determination of the most appropriate number of clusters in structure analysis using cross-validation error (k) means