

Figure S1. Mid- and best-parent heterosis for biomass in Merchouch and Sidi El Aydi during 2019 and 2020 seasons

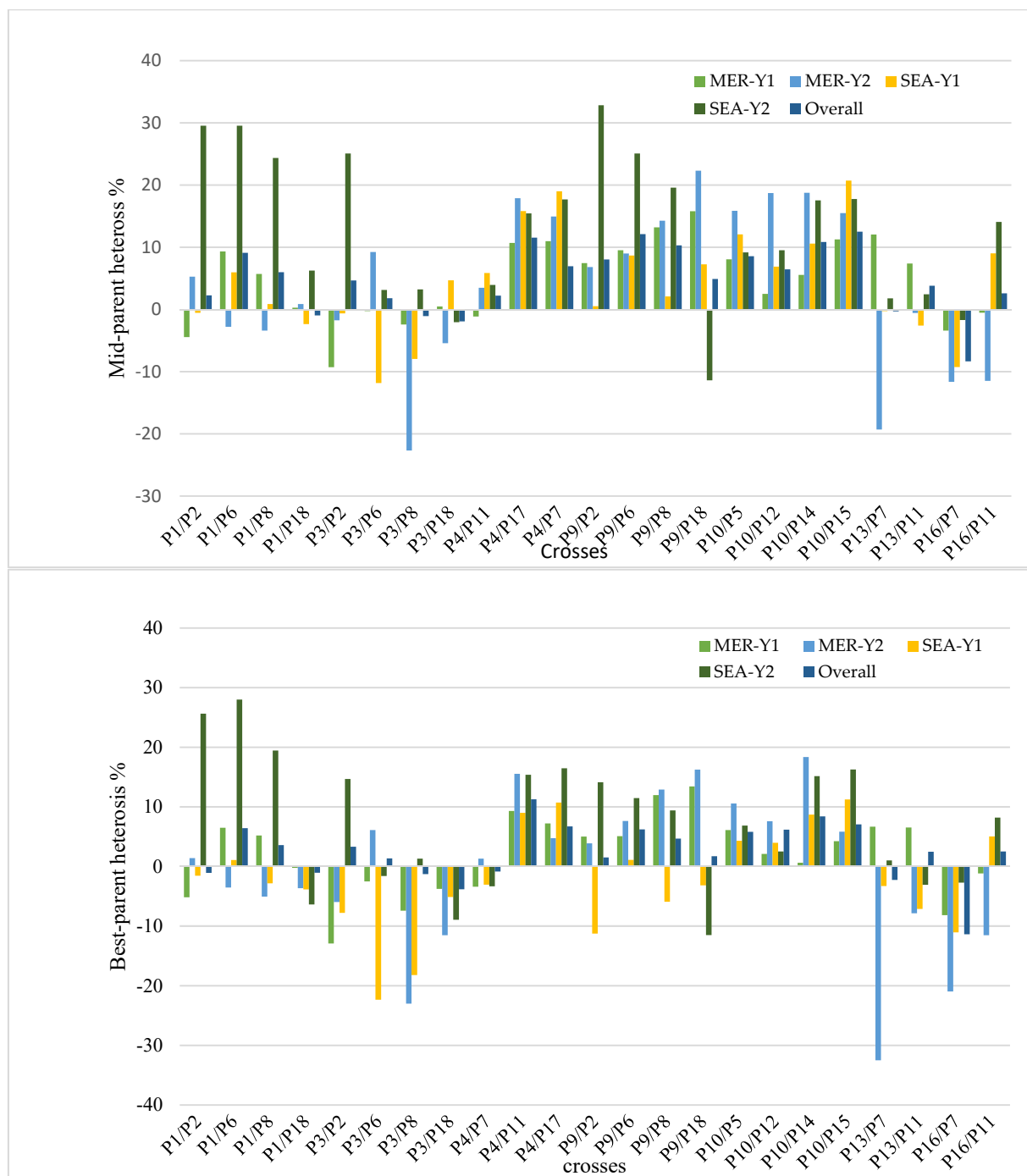


Figure S2. Mid- and best-parent heterosis for thousand kernel weight in Merchouch and Sidi El Aydi during 2019 and 2020 seasons

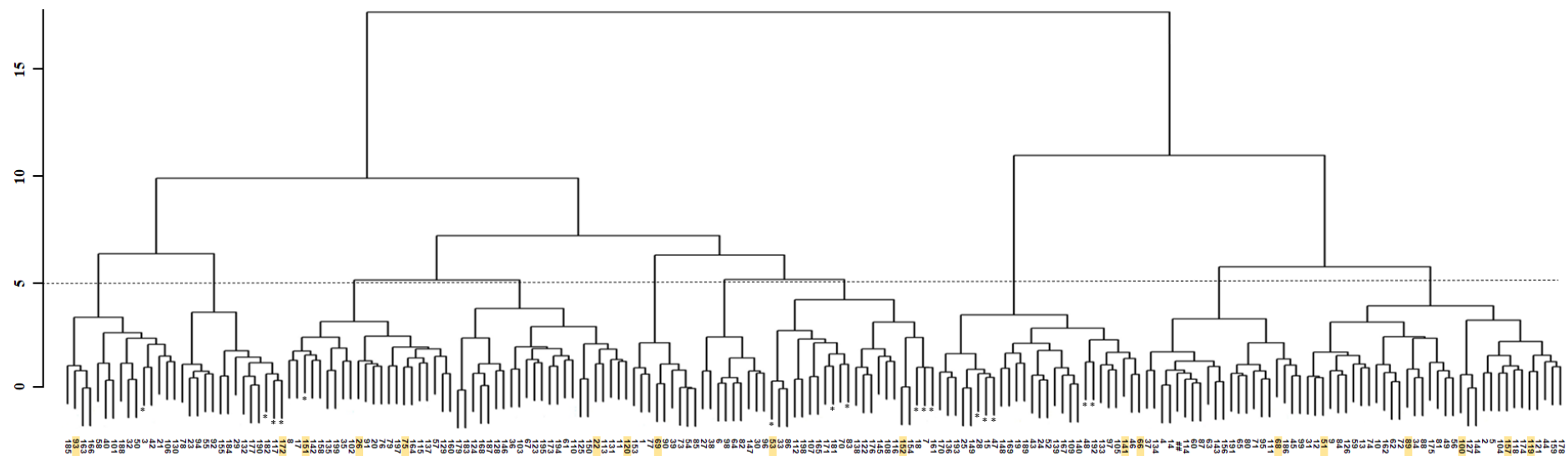


Figure S3. Cluster analysis of genetic relationships among 196 genotypes used initially to select the most promising lines for hybrid wheat production. The yellow marked lines were those used in this study. *, Genotypes with superior floral trait combinations.