



Additional file 14: Fig. S4. Genetic composition and allele frequency of founder parents from different breeding periods. (A) Genetic composition of 87 yield, stress resistance, quality, and adaptability genes in 40 founder parents (FPs) from five different breeding periods. The favorable and alternative alleles are shown in purple and orange, respectively. Heterozygous and missing types are represented by magenta and black, respectively. (B) Allele frequencies of 87 agronomically important genes controlling yield, stress resistance, quality, and adaptability in 40 founder parents from five different breeding periods. The favorable and alternative alleles are shown in purple and orange, respectively.