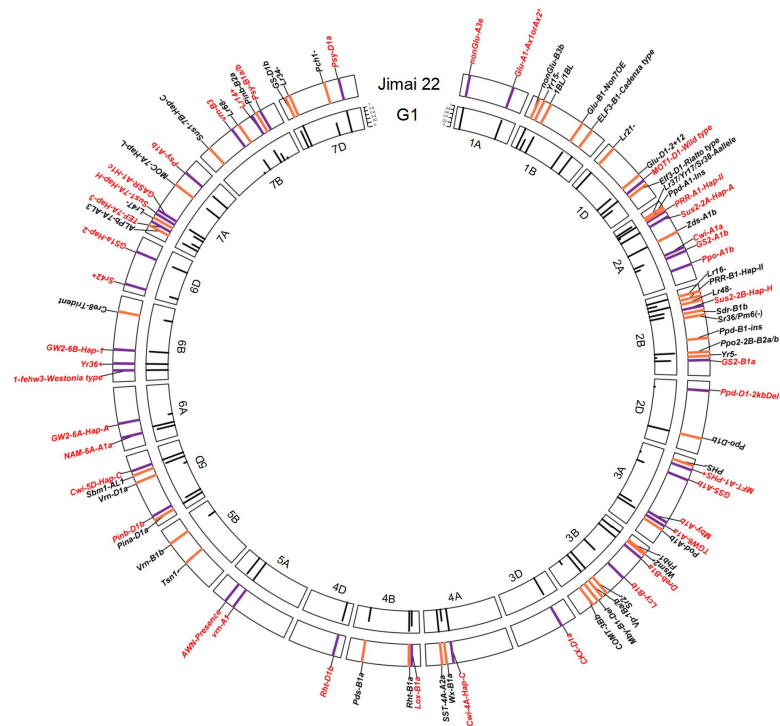
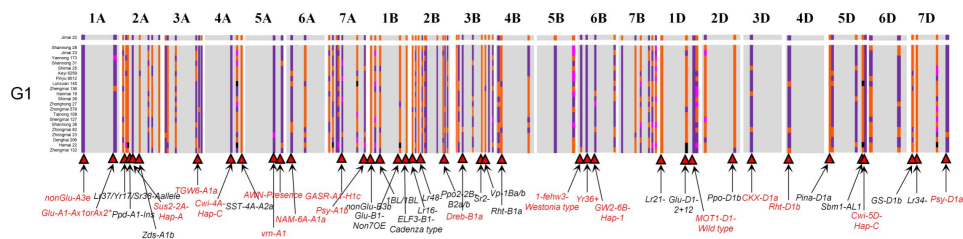


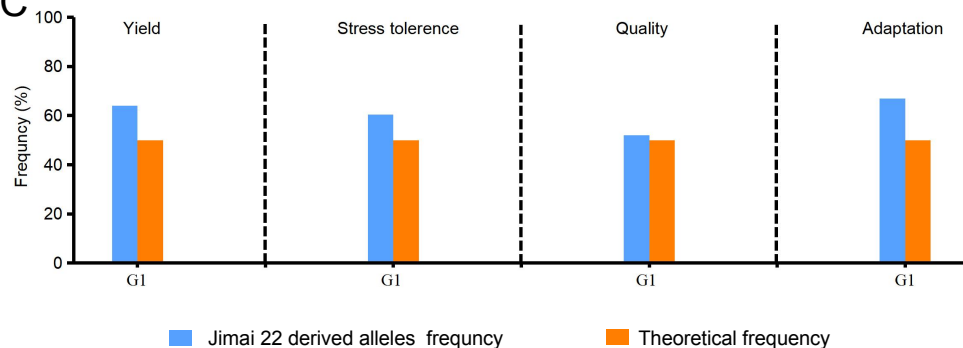
A



B



C



Additional file 25: Fig. S15. Allele transmission frequency in the derivatives of founder parent Jimai 22. (A) Distribution of alleles carried by founder parent Jimai 22 in its derivatives. The favorable and alternative alleles are shown in purple and orange, respectively, and red font indicates conservatively transmitted alleles. (B) Allele transmission from founder parent Jimai 22 to its derivatives. The favorable and alternative alleles are shown in purple and orange, respectively. Heterozygous types are shown in black. Conservatively transmitted alleles are labeled at the bottom of the figure, and red font indicates that the favorable allele was conservatively transmitted. (C) Transmission frequency of alleles for grain yield, stress tolerance, adaptability, and quality derived from founder parent Jimai 22 to its derivatives. Light blue bars represent the frequency of Jimai 22-derived alleles and orange indicates the theoretical allele transmission frequency in the derivatives. G1: first generation.