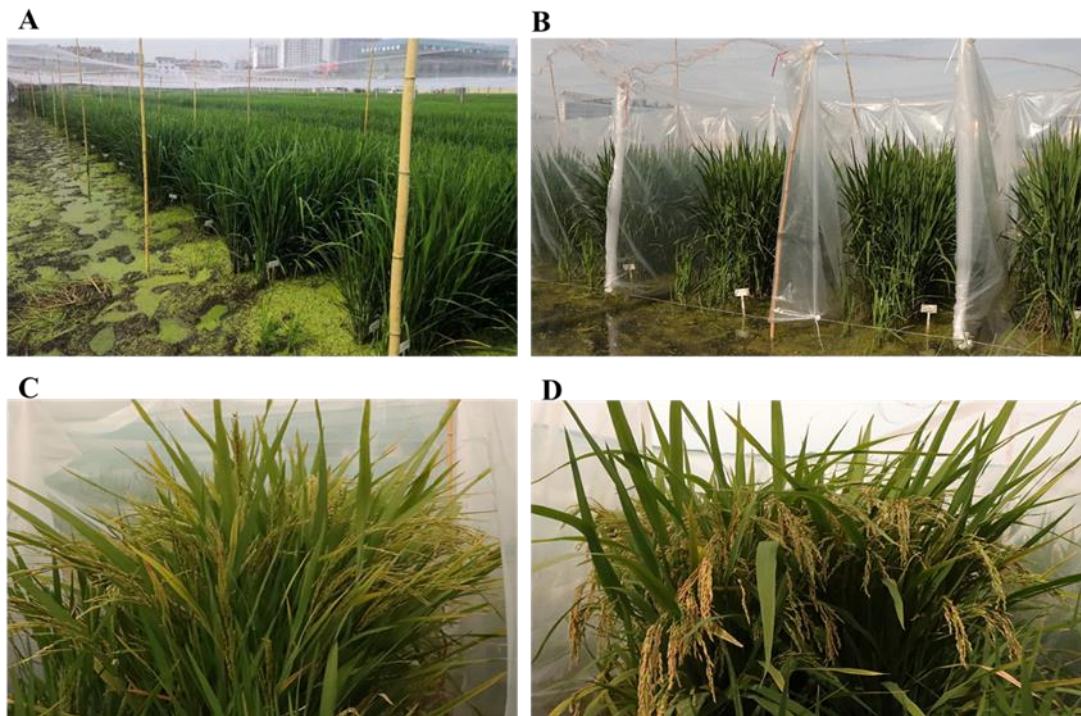
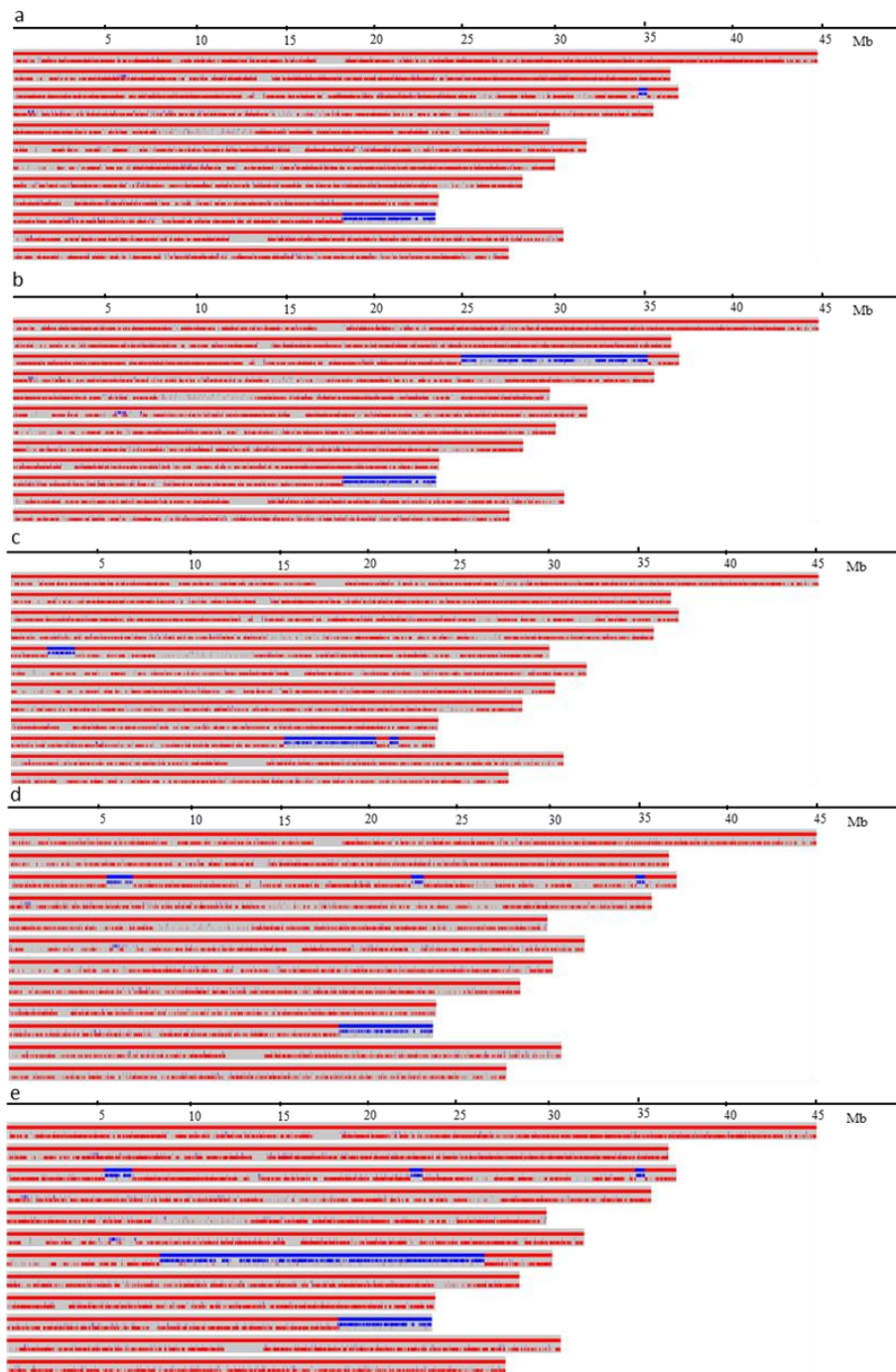


1



2 **Fig. S1** Isolation treatment and natural spikelet fertility levels of the testcross F_1 hybrids in the field. (a,
3 b) Isolation treatment setting for the testcross F_1 hybrids in the field. (c) Panicles on the WFA x 9311 F_1
4 plants. (d) Panicles on the WFA x C119 F_1 plants.

5



6 **Fig. S2** Genotyping of CSSLs based on re-sequencing data analyses. (a-e) Genome constitutions of C31,
7 C34, C47, C115, and C116, respectively. the blue and red lines represent single nucleotide
8 polymorphisms from ‘Nipponbare’ and 9311, respectively. The blue boxes on the chromosomes indicate
9 substituted regions derived from ‘Nipponbare’. The substituted regions on the distal end of Chr. 10 cover
10 the region in which *Rf5* is located.