Figure S1.—Screening method of an AFLP marker tightly linked to the FT2 locus using RHL derived from RIL6-8. (A) Graphical genotype of RHL6-8 and NILs are shown on the left side of the figure. The white, black and gray chromosomal segments represent the Misuzudaizu, the Moshidou Gong 503 and heterozygous alleles, respectively. The first screening of AFLP markers was performed using NILs6-8 (No 1 and 2). Polymorphic markers detected between NILs were reanalyzed using sub-families selected from the progenies of RHL6-8 (No 3-8). Five AFLP fragments tightly linked to the FT2 locus were highly reproducible and were used in subsequent fine mapping experiments. Representative segregation patterns of each fragment among the NILs and RIL population using one AFLP marker, E37M31, are shown in the box and in B, respectively. Arrowhead indicates polymorphic band detected between NILs and asterisks indicate the polymorphic markers detected between Misuzudaizu and Moshidou Gong 503 originating from other genetic loci.