



Supplementary Fig. S1. Genotyping of the parental lines using restriction enzymes (A) *AccI* and (B) *SpeI*. M: 100 bp plus DNA ladder; DD: Dodamssal; HY: Hwayeong; GC: Gimcheonaengmi. Upper figures showed the amplified fragment before digestion while lower figures showed the fragments after digestion. Restriction enzyme *AccI* was used to detect the G/T polymorphism at the 5' splice site of intron 1 of *GBSS1* while restriction enzyme *SpeI* was used to detect the T/C polymorphism at exon 16 of *SBE3*.