



Supplemental Figure 1. Genetic linkage analysis for the *mell-1* sterile phenotype and *Tos17* insertion.

(A) Plant types of the +/- fertile (left) and the -/- sterile plants (right).

(B) Example of Southern-blot linkage analysis for the *mell-1* sterile phenotype and transposed *Tos17* fragments. The original variety, cv. Nipponbare, had two copies of *Tos17* (lane P), and the R4 plants contained 10 or more additional copies. The 8-kbp band (arrow) cosegregated with the mutant alleles +/- and -/-.