



Fig. S1 *OsMADS2* mutant alleles

(a) Schematic diagram of *OsMADS2* gene structure. Grey boxes represent 5'UTR and 3'UTR, black boxes represent exons, and thick black lines represent introns. The black arrowhead indicates the sgRNA target site, *Osmads2-1* and *Osmads2-2* had "A" and "TT" insertion in the *OsMADS2* coding sequence, respectively. The underlined letters indicate protospacer adjacent motif (PAM), Red letters indicate mutation types.

(b) The sequencing results showing mutation information of *Osmads2-1* and *Osmads2-2*, compared to that in wild type. Red arrows indicate mutation site.