**Table S1. RAPD primers used for MS-RAPD analysis**

|  |  |
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| **Primers** | **Sequences 5’-3’** |
| RAPD 1 (S1) | CTACTGCGCT |
| RAPD 2 (S7) | TCCGATGCTG |
| RAPD 3 (R11) | GTAGCCGTCT |
| RAPD 4 (Q11) | TCTCCGCAAC |
| RAPD 5 (R1) | TGCGGGTCCT |
| RAPD 6 (R3) | ACACAGAGGG |
| RAPD 7 (R4) | CCCGTAGCAC |
| RAPD 8 (R5) | GACCTAGTGG |
| RAPD 9 (R7) | ACTGGCCTGA |
| RAPD 10 (R8) | CCCGTTGCCT |
| RAPD 11 (R9) | TGAGCACGAG |
| RAPD 12 (R10) | CCATTCCCCA |
| RAPD 13 (S9) | TCCTGGTCCC |
| RAPD 14 (R12) | ACAGGTGCGT |
| RAPD 15 (R13) | GGACGACAAG |
| RAPD 16 (R14) | CAGGATTCCC |
| RAPD 17 (R15) | GGACAACGAG |
| RAPD 18 (R16) | CTCTGCGCGT |
| RAPD 19 (Y8) | AGGCAGAGCA |
| RAPD 20 (Y4) | GGCTGCAATG |
| RAPD 21 (Y5) | GGCTGCGACA |
| RAPD 22 (Y3) | ACAGCCTGCT |
| RAPD 23 (Y2) | CATCGCCGCA |
| RAPD 24 (Y6) | AAGGCTCACC |
| RAPD 25 (Y10) | CAAACGTGGG |
| RAPD 26 (Y14) | GGTCGATCTG |
| RAPD 27 (Y15) | AGTCGCCCTT |
| RAPD 28 (Y19) | TGAGGGTCCC |
| RAPD 29 (Y9) | AGCAGCGCAC |
| RAPD 30 (S10) | ACCGTTCCAG |
| RAPD 31 (P15) | GGAAGCCAAC |
| RAPD 32 (R2) | CACAGCTGCC |
| RAPD 33 (R6) | GTCTACGGCA |
| RAPD 34 (R15) | GGACAACCAG |
| RAPD 35 (R20) | ACGGCAAGGA |
| RAPD 36 (T7) | GGCAGGCTGT |
| RAPD 37 (X11) | GGAGCCTCAG |
| RAPD 38 (Y16) | GGGCCAATGT |
| RAPD 39 (Y17) | GACGTGGTGA |
| RAPD 40 (Y18) | GTGGAGTCAG |

**Figure legends**

**Fig. S1.** MS-RAPD profiles in leaf tissue of rice plants grown under different water status with RAPD primers, a) Y17, b) P15, c) Y16, d) T7, e) R15, f) R6, g) R20, h) R2, i) X11. The samples were digested with *HpaII* and *MspI* and subjected to RAPD-PCR. P, 100 and 60 refers to puddled, 100 and 60 per cent FC respectively; H, M and UD refers to genomic DNA digested with *HpaII*, *MspI* and undigested respectively. ‘L’ is the ladder.

**Fig. S2.** MS-RAPD profiles in leaf tissue of rice plants grown under different water status with RAPD primers, (a) Y8 and (b) R9. The samples were digested with *HpaII* and *MspI* and subjected to RAPD-PCR; H, M and UD refers to genomic DNA digested with *HpaII*, *MspI* and undigested respectively. ‘L’ is the ladder.