Table S2. The list of typing markers used in positional cloning.

|  |  |  |  |
| --- | --- | --- | --- |
| 　 | forward | reverse  | polymorphism |
| Mn0124O02F | GCCTTTAGCGTGATCCCTCTGGG | GCAGCAGGCAGGCCTCCTCTTAGG | DdeⅠ |
| MLG23-1 | GCGCACCTGCCTGGTGGACGG | TTATTGGGTGATGTGGTTCTCGTTG | in/del |
| Md0146I11F | CTCGAGAATTCCTCAACAGC | CTCCAAATAGATCAAACAGCCC | in/del |
| MLG23-2 | ATGCTCACTGAGCCTGAGCTACCTC | CCGCCAGAATCTGCATCCAAGACGC | DdeⅠ |
| Md0124O02R | GGTGTGGCCTTTCAACAAGCCC | GTCCTGGTCTTGAATCATC | MseⅠ |

Polymorphisms of PCR fragment were detected by their length (in/del) or RFLP with restriction enzymes (DdeI or MseI).