Table S2. Primers sequences of kompetitive allele specific polymerase chain reaction (KASP) markers for *QTkw.sicau-4B*.

| QTL                | *QTkw.sicau-4B*        |
|--------------------|------------------------|
| Marker             | KASP-AX-108886949      |
| Forward primer 1(5′to3′) | AGATGTGCCGTGAAATATTGCA |
| Forward primer 2(5′to3′) | AGATGTGCCGTGAAATATTGC   |
| Reverse primer (5′to3′) | CAGCCACCATATACCTGCGA  |
| FAM                | GAAGGTGACCAAGTTCATGCT  |
| HEX                | GAAGGTCGGAGTCACCGGATT  |

Note: The probe sequence is not included in the above primer sequence. FAM: probe sequence of the forward primer, and HEX: probe sequence of the reverse primer.