

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

QTL	<i>QTKw.sicau-4B</i>
Marker	KASP-AX-108886949
Forward primer 1(5'to3')	AGATGTGCCGTGAAATATTGCA
Forward primer 2(5'to3')	AGATGTGCCGTGAAATATTGCG
Reverse primer (5'to3')	CAGCCACCATATACCTGCGA
FAM	GAAGGTGACCAAGTTCATGCT
HEX	GAAGGTCGGAGTCAACGGATT

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 .