

Table S5. Primers used for *ZmYAB2.1* genotyping and expression analyses

Primer	Sequence (5' – 3')	Description
CJ199	AGAGAAGGCGTTTCGAGCATA	Marker for Spm insertion in W22
CJ198	CCACCATCAGTCACACACTT	
CJ102	TGCATTTGCTTACGGTACTT	
CJ096	TTCGAATGACTTGTAGTTCAG	Marker for Spm insertion in B73
CJ167	CCGAAAATGGTGTACAGTGC	
CJ132	AGTGCCTTTGTTGACACTCG	
CJ055	ACGTGCAGCATATGATCCAG	Marker for 2bp/82bp insertions in Ki3 and Mo17
CJ085	TCAAGGTCCAAAATTCAGC	
CJ075	CTTATGTCCGGGTTGTTTGC	qPCR primer pair for <i>ZmYAB2.1</i>
CJ085	TCAAGGTCCAAAATTCAGC	
wh182	CCAAGGCCAACAGAGAGAAA	qPCR primer pair for GRMZM2G126010 (actin gene)
wh183	CCAAACGGAGAATAGCATGAG	
CJ080	CTGGATGGCCCTCTGATTAG	Primer pair for <i>ZmYAB2.1</i> 5' UTR allele specific expression
CJ124	GACGACATTCCTTCGCCTTG	
T385	TCATGGACAACGATGAGTGG	qPCR primer pair for <i>tb1</i>
T388	CAATAACGCACACCAGGTCC	