

Table S2. Primers used for sequencing *ZmYAB2.1*

Primer	Sequence (5' – 3')	Location	Direction
CJ021	TCTGCTGGTTGATGGACTAC	5' UTR	Forward
CJ074	ATGTCGTCGGCGGCCAGAT	Exon 1	Forward
CJ022	AGACGAAGCTAGTCAGCAAG	Intron 1	Forward
CJ115	GTTCTCAAAGCATTCTCGCC	Intron 1	Forward
CJ071	TCTGGTTATGCGAAAGAAGC	Intron 1	Reverse
CJ072	TCGATCAAGAAGGTAACGAG	Intron 1	Reverse
CJ024	CCAGGTCATCGGCAGTACAC	Intron 1	Reverse
CJ025	CCACAAACCTTAGTGACAATG	Intron 1	Forward
CJ026	CCGCTATGCTAAAACATTATTC	Intron 1	Forward
CJ116	GCACAAGAGAACAACGATAG	Intron 1	Reverse
CJ114	AACCTCATGTATTGTCTCGC	Intron 1	Forward
CJ027	GGACTAATAAGAGCTGGACG	Intron 1	Reverse
CJ028	AAGCATATCAGTCCTGGTTTG	Intron 1	Reverse
CJ096	TTCGAATGACTTGTAGTTCAG	Intron 1	Forward
CJ131	CCATATACTCTCACAACAGC	Intron 1	Forward
CJ135	ACCTCCACCTCAGGTTATTC	Intron 1	Forward
CJ168	CGCACTGTGTTGTAATGAAC	Intron 1	Forward
CJ169	AAAGCCTTATTTTCGGCCAG	Intron 1	Forward
CJ133	CGCCGAAAATAAGCCAGTTC	Intron 1	Reverse
CJ130	TTGTTGACACTCGGCAAAGT	Intron 1	Reverse
CJ132	AGTGCCTTTGTTGACACTCG	Intron 1	Reverse
CJ129	TAACAATCGTGAGCTGTCTGT	Intron 1	Forward
CJ127	ACACTCGACAAAAAGGTGGT	Intron 1	Reverse
CJ103	GCGTYTCGGATAGTGGAAGG	Intron 1	Forward
CJ109	AAACSACCTTCCACTATCCG	Intron 1	Reverse
CJ104	GTTGCRTGAAACTAAATGGC	Intron 1	Forward
CJ126	TTAATGTGGAGAACGGAACA	Intron 1	Reverse
CJ125	TACTGCCACTTCGTTAGAG	Intron 1	Reverse
CJ120	GTTTACTGGTCGATCTTTGC	Intron 1	Forward
CJ107	TGGAGCACGTACACACAATC	Intron 1	Forward
CJ106	TGATTGTGTGTACGTGCTCC	Intron 1	Reverse
CJ196	AGATCAACCGTCGTGTAGTG	Intron 1	Reverse
CJ198	CCACCATCAGTCACACACTT	Intron 1	Forward
CJ105	TTTGATTCCTCACGCTGTCC	Intron 1	Reverse
CJ101	TTTGCAGAAGAACGAGGAGT	Intron 1	Reverse
CJ057	AACATGGTGACAGTCCGTTG	Exon 2	Forward
CJ058	GTGAGTAGTGATTCTGGACG	Exon 2	Reverse
CJ085	TCAAGGTCCAAAATTTAGC	Exon 3	Forward
CJ055	ACGTGCAGCATATGATCCAG	Exon 3	Reverse
CJ054	GTTATATGCTGAAGGAACACG	Exon 4	Reverse
CJ075	CTTATGTCCGGGTTGTTTGC	Exon 5	Reverse
CJ061	GTTGCACCAATGGTCTCATC	Exon 6	Reverse
CJ079	TCATTCGTGATACTAGGAGC	3' UTR	Reverse