

**Table S1. Primers used to amplify the full length of the *ZmBBX* genes**

Primer Name	Sequence (5'to3')
BBX3-F	ATGACGAACGCCGGGG
BBX3-R	TCAAAACCGGAAGCGCC
BBX4-F	ATGAAGGTACAGTGCGACGTG
BBX4-R	TCACCAGTACGAACAGGGAGG
BBX5-F	ATGGAGGGTGACGAGAAGTC
BBX5-R	TCAATATGTGGGCACGACG
BBX6-F	ATGAGGATCCAGTGCGAC
BBX6-R	TCAGCCAAGATCAGGAACG
BBX7-F	CCTCGTCCAAAGACTCCA
BBX7-R	CTACAATCGCAAAGAGAATG
BBX9-F	CAAGACAAGAAACTGAGGCAAG
BBX9-R	ATTCCGAGCCATCATTAATA
BBX12-F	TTTGGTAGTAGCACTGAACAGC
BBX12-R	AGACGAGCCGTTGAAGATTT
BBX13-F	CTCTCGCTTAACCTAAACGC
BBX13-R	CAGGGAGCATTATCTTGTGGG
BBX14-F	ATGCAGATGCTCTGCGACG
BBX14-R	GCAGCTCAGAAGCACCAGAAAG
BBX16-F	GGGAGCGACCGAGGAGAT
BBX16-R	CAAACAAACGCAGCAGCAGTA
BBX17-F	ATGAAGATCCAGTGCGACGC
BBX17-R	GCGCTCTTATTTAACCAAGATCA
BBX19-F	GAGCGGTGAAAGATGAAGG
BBX19-R	GTGGCTCTGGGTCTCTTGC
BBX20-F	AAATACTGTCCAGGATCATGGC
BBX20-R	GGCTCAGTAGCTTCTAGTCTGGCT
BBX25-F	ATGATTGCCACGACCCG
BBX25-R	CAACCAAACATGCAGCAAG
BBX26-F	ATGCGGACGATCTGCGAT
BBX26-R	CGATCTCCAACGTTTACTTGCT
BBX28-F	ATGAAGATCCAGTGCAACGC
BBX28-R	TTAGTACTCTTCTCCGGCG
BBX32-F	ATCATGGGCGCTCTCTGTG
BBX32-R	TCAGTAACTCCTCGTTTGCA
BBX34-F	TTCGATGGAGCTGCACAAG
BBX34-R	CCGGGCACATCAAAGCT
BBX35-F	ATGGGAAGAAGCGAAGGC
BBX35-R	CTTTCTAGAAGCTTGGCACGA
BBX36-F	ATGAAGGTGCAGTGCGACG
BBX36-R	TCACCAGTACGAACAGGGAGG

