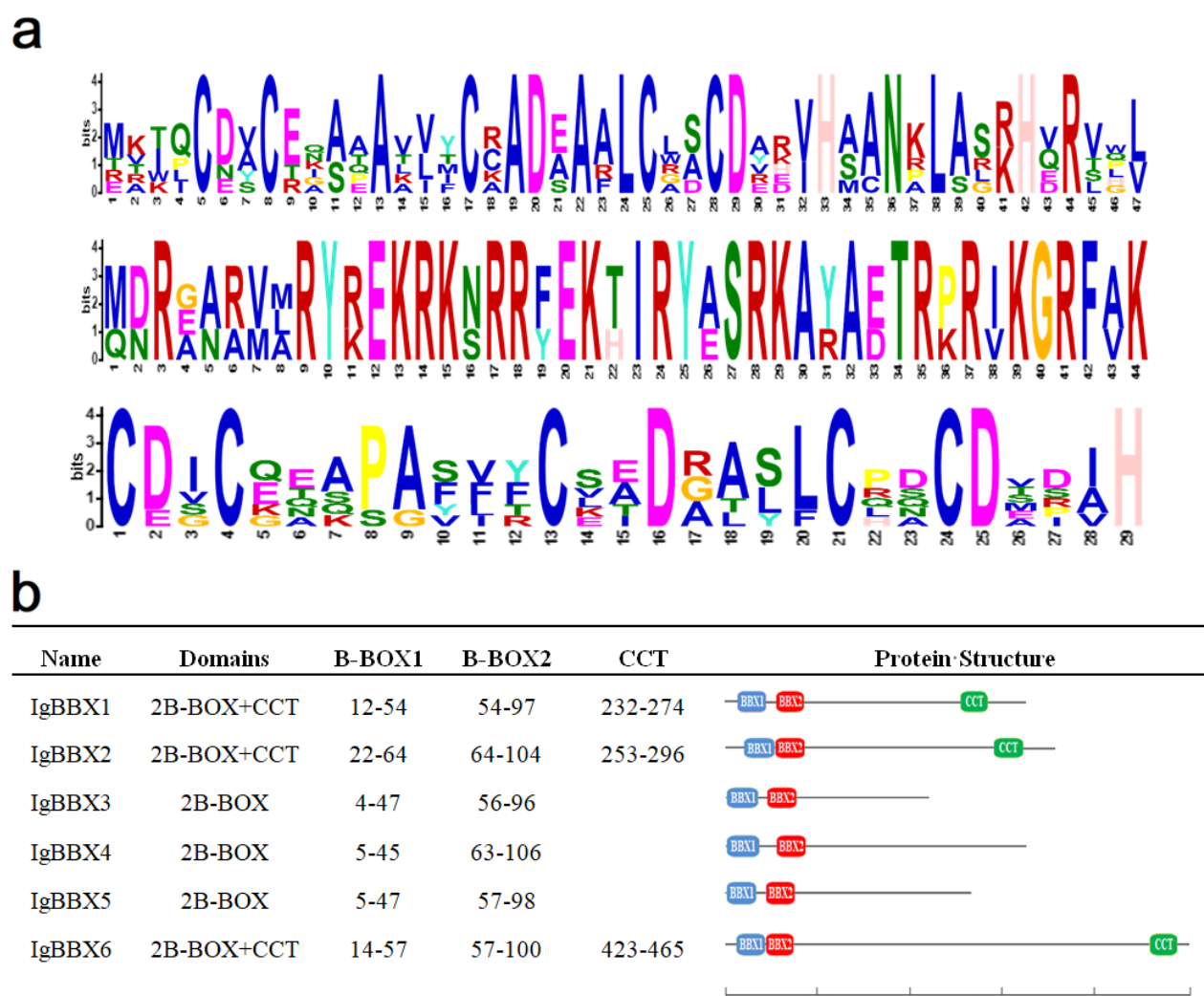


Supplementary Materials:



**Figure S1.** Conserved domains and structures of IgBBX proteins. (a) The conserved domains in the IgBBX proteins. (b)

Structure of the IgBBX proteins. The scale bar represents 100 amino acids.

**Table S1.** PCR primer sequences utilized in this study

Primer Name	Sequence (5' to 3')	Annotation
AP	AAGCAGTGGTATCAACGCAGAGTAC	Universal primers
dT-AP	AAGCAGTGGTATCAACGCAGAGTACTTTTTTTTTTTTTTTT	for 3' RACE
AUAP	GGCCACGCGTCGACTAGTAC	Universal primers
AAP	GGCCACGCGTCGACTAGTACGGGIIIGGGIIIGGGIIIG	for 5' RACE
IgBBX1-F	TTCTGGGGACTGTGCGCT	Amplify a fragment of the <i>IgBBXs</i>
IgBBX1-R	TGGCGAACCTTCCCTTGAT	
IgBBX2-F	GGGAGGAGGAGAGAGGAGCTA	

<b>IgBBX2-R</b>	CCTGTTCTTTCTCTTCTCCCTGTA	
<b>IgBBX3-F</b>	GTAAGAGAGAGTGTGTGGGCG	
<b>IgBBX3-R</b>	ATGTTAGGTCCAGGTTATTCCCA	
<b>IgBBX4-F</b>	GAGATGAAGATACAGTGCAACGC	
<b>IgBBX4-R</b>	GGTTCTCGTGGAAGTCGTAGG	
<b>IgBBX5-F</b>	GATACAAATGTGATGCATGCGA	
<b>IgBBX5-R</b>	CATCATCGTCAGCAATCTCG	
<b>IgBBX6-F</b>	GTTTCGCTGCTCCACCGAC	
<b>IgBBX6-R</b>	TTGACGAAACGGCCCTTTA	
<b>IgBBX1-ORF-F</b>	AACTCACTAATAATGGAGAAGGGC	
<b>IgBBX1-ORF-R</b>	CTCACTGGCAGTGGTCACTCA	
<b>IgBBX2-ORF-F</b>	ATGGCATCTAGAGAAGCAGAGGGA	
<b>IgBBX2-ORF-R</b>	TCAGAAGGAGGGGACAATTCCATAT	
<b>IgBBX3-ORF-F</b>	GAGAGAGTAGAGGAGAGTGTGTGG	
<b>IgBBX3-ORF-R</b>	CACATTACATTCTGAAGGGCTC	ORF of <i>IgBBXs</i>
<b>IgBBX4-ORF-F</b>	TACACACATAACGAAAGATAGGAAA	
<b>IgBBX4-ORF-R</b>	CGGACCGAGAAAGTAGCCTAG	
<b>IgBBX5-ORF-F</b>	AGAGATGAAGATACAATGTGATGCA	
<b>IgBBX5-ORF-R</b>	ACGACATCGATATACATAATCATGC	
<b>IgBBX6-ORF-F</b>	TTTTGAGCACGGGAGCGA	
<b>IgBBX6-ORF-R</b>	CAGCAGAACTAGCCACCAGTCTC	
<b>UBC9-F</b>	CCGACAATCTCCCACAAACA	
<b>UBC9-R</b>	GATGATCCGTTGGTTCCAGAG	
<b>IgBBX1-RT-F</b>	TATAGCTCCTACGCTGCCAAT	
<b>IgBBX1-RT-R</b>	GTATCGTCTTCTCGAACCGC	
<b>IgBBX2-RT-F</b>	CAGCAGACCACTAAGCCAGTT	
<b>IgBBX2-RT-R</b>	ATTGACACTTCAGCCATTGC	
<b>IgBBX3-RT-F</b>	AGGCAGAGGGTTGAGTTTCC	qRT-PCR for <i>IgBBXs</i>
<b>IgBBX3-RT-R</b>	TCGGTAAGGTCTCATGTTGAGAT	
<b>IgBBX4-RT-F</b>	AAGTAAGCAAGGACGGTAACCT	
<b>IgBBX4-RT-R</b>	GCCTACCACTATCCGCCTTA	
<b>IgBBX5-RT-F</b>	TGTCTGATCCTGAGTCATGTGAC	
<b>IgBBX5-RT-R</b>	ATCGTCAGCAATCTCGGTTC	
<b>IgBBX6-RT-F</b>	GGGATTTTAATCTTGACGAAC	
<b>IgBBX6-RT-R</b>	AGGTCACCTGTAACCTTTGATCGTAA	
<b>IgBBX1-EcoR I-F</b>	GGAATTCCAACCTCACTAATAATGGAGAAGGGC	Vector construction of <i>IgBBXs</i>
<b>IgBBX1-BamH I-R</b>	CGGGATCCCGCTCACTGGCAGTGGTCACTCA	
<b>IgBBX2-EcoR I-F</b>	GGAATTCATGGCATCTAGAGAAGCAGAGGGA	
<b>IgBBX2-BamH I-R</b>	CGGGATCCCGTCAGAAGGAGGGGACAATTCCATAT	
<b>IgBBX3-EcoR I-F</b>	GGAATTCGAGAGAGTAGAGGAGAGTGTGTGG	
<b>IgBBX3-BamHI-R</b>	CGGGATCCCGCACATTACATTCTGAAGGGCTC	
<b>IgBBX4-EcoR I-F</b>	GGAATTCTACACACATAACGAAAGATAGGAAA	

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<b>IgBBX4-BamH I-R</b>	CGGGATCCCGCGGACCGAGAAGTAGCCTAG
<b>IgBBX5-EcoR I-F</b>	GGAATTCAGAGATGAAGATACAATGTGATGCA
<b>IgBBX5-BamH I-R</b>	CGGGATCCCGACGACATCGATATACATAATCATGC
<b>IgBBX6-EcoR I-F</b>	GGAATTCTTTTGAGCACGGGAGCGA
<b>IgBBX6-Pst I-R</b>	GCTGCAGCCAGCAGAACTAGCCACCAGTCTC

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