

Table 1 The primers of partial-length cDNA sequence, 5' and 3' RACE, completed cDNA sequences and the full DNA sequences

Amplified sequences	primer name	primer sequences	PCR temperature
the partial-length cDNA sequence	BiP-F BiP-R	CAATGACCAGGGTAACCGTAT GTTCTCGTCCAGCCACTCC	58°C
5'UTR	5'innerTaBiP1 5'innerTaBiP2	ACTTTCTTCCAATGAGACGCTTG CCATCGGTGAACCCAACCCATG	58.8°C
3'UTR	3'OuterTaBiP1 3'innerTaBiP1	CACCGGCAAGTCTGAGAAGATC ATCGACCGGATGGTCAAGGA	58.8°C
completed cDNA sequences	TaBiP-F TaBiP-R	GTGGCGATGGATCGGGTC GTTCTCTACAACCTCGGCCAACAGAC	58°C
the full DNA sequences	TaBiP-1F TaBiP-1R	GTGGCGATGGATCGGGTCC GTCTCGTCACCG/ACCCTCGC	58°C
	TaBiP-2F TaBiP-2R	GAGGACTTTGACCACAGAA AACTCGGCCAACAGACTAA	58°C

Table 2 The primers of *TaBiPs* used for real-time quantitative RT-PCR (qRT-PCR)

gene	Primer name	Primer sequences	PCR temperature
<i>ADP</i>	F	GCTCTCCAACAACATTGCCAAC	
	R	GCTTCTGCCTGTCACATACGC	
<i>TaBiP1</i>	1F	GCTATTGCCTATGGTTTGG	58.8°C
	1R	CCTTGCCGTGCTTCTTCT	
<i>TaBiP2</i>	2F	GTCAAGCGTCTCATTGGAAG	58.8°C
	2R	GGTATGCCTCAGCGGTCT	
<i>TaBiP3</i>	3F	ATCGCTGTTTGCACTTTGTG	58.8°C
	3R	TGAGGGCGTGATACGGTTA	

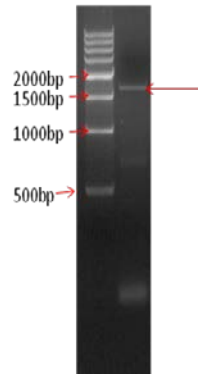


Fig. a The PCR products amplified by the specific primers BiP-F/R in the 1% agarose gel

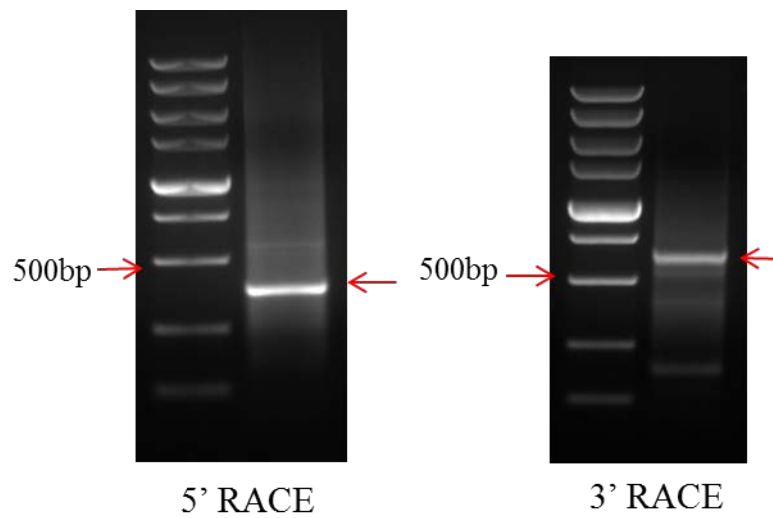


Fig. b The PCR products of 5'RACE and 3'RACE in the 1% agarose gel

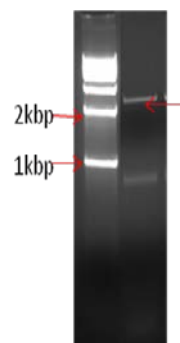


Fig. c The PCR products amplified by the specific primers TaBiP-F/R in the 1% agarose gel

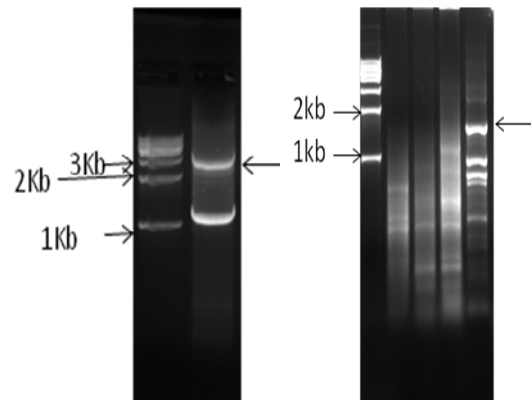


Fig. d The PCR products amplified by the specific primers BiP1F/R and BiP2F/R in the 1% agarose gel

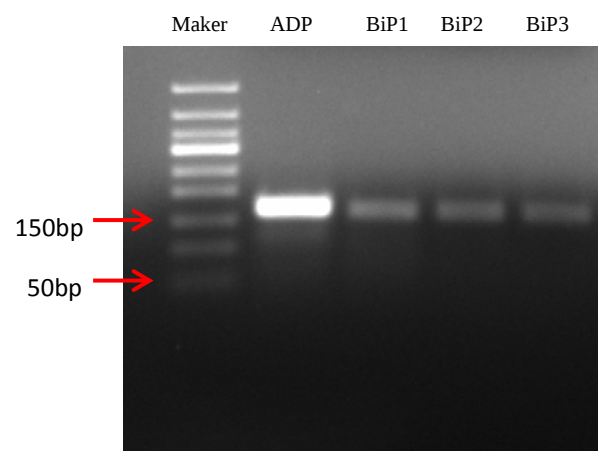


Fig. e The products of RT-PCR in the 1% agarose gel