

**Table S1.** TpreOBP Primers designed for qRT-PCR.

Oligo	Sequences (5'-3')	Oligo	Sequences (5'-3')	Oligo	Sequences (5'-3')
TpreOBP1F	CCAATAAGTTCCACGTGCCA	TpreOBP9F	TAGCTGGAGTCCGGGAAAAG	TpreOBP17F	TGAACGAACACGGAACAACC
TpreOBP1R	CTAGGCGCCAATTCTTCGAC	TpreOBP9R	ATCCATGTGACCGTCGTGAT	TpreOBP17R	TCTCAGGAAGGAAACCGACC
TpreOBP2F	TCAACGCCTGCCAAATTCAG	TpreOBP10F	GAAGTTGGTCGCGGGAATAC	TpreOBP18F	GAACATCAAGAAGGGCCAGC
TpreOBP2R	CACTCGTTGATGGCGTTCTG	TpreOBP10R	TGGTCCAACAGATCGAACGA	TpreOBP18R	TCTTGCAGCTGTTGATCACG
TpreOBP3F	TGAGGAATTGGAAGCTGCTG	TpreOBP11F	AAGCTTCGGGAGTTCAAGGA	TpreOBP19F	AGTTGCAGATGTAGATCCAGTT
TpreOBP3R	ACCCGCTGCAATCTCATCTA	TpreOBP11R	TTCGTCGTCTTCACTTTGCC	TpreOBP19R	TGATTCATCATTGCTGGAAGTGA
TpreOBP4F	TCGAAAGTGGGTTGTCTCCA	TpreOBP12F	ACCTTCGGTCTTGTCTCGT	TpreOBP20F	CAGCAAGGACGATGACATGG
TpreOBP4R	CTCGTCGCCTTTTCCGTTAG	TpreOBP12R	TTGTCCCAGTCTACGTGTCC	TpreOBP20R	TCCCGTCCTTGGTCATGTAG
TpreOBP5F	TGAAAAGATTGGAGGGTCTCGA	TpreOBP13F	CTGATCAAGGCTTGCCTCAC	TpreOBP21F	GCCGCCAACTATCGAGATTC
TpreOBP5R	TGACGAAGAATTTCTCAGGGTTG	TpreOBP13R	TGCACGTATCGATGGCTTTG	TpreOBP21R	ATGAAGTCTCTCAGCTCGGG
TpreOBP6F	GCGAAAAGGCCGGAATACAT	TpreOBP14F	CTTTCTCGCCTGCATGTTCA	TpreOBP22F	TTTCCACCTGATCCAGTGCT
TpreOBP6R	TCGTCGACCAAACCTGAAGGA	TpreOBP14R	TTTTCCAGTTTGCAGAGACA	TpreOBP22R	CTGCCGTCATTTCTCCGAAG
TpreOBP7F	CGCTCAAGTCCAACGATACC	TpreOBP15F	CAATGTCAAGGCTGGTGAGG	TpreGAPDHF	TCAACGGCAACAAGATCACC
TpreOBP7R	AGAGTCGTGAATGCATCGGA	TpreOBP15R	AGAGATCCAACGGCATCAA	TpreGAPDHR	CTTTGTGGCTTGGGTCGTAC
TpreOBP8F	TGTATTGTCTGCACGGGTGA	TpreOBP16F	CGCAGATCAATTGAAGGAAGC		
TpreOBP8R	CGCTCCAGGGGAATCTACAA	TpreOBP16R	TCCCCGCTGCTTGATACTTC		