

Table 1 Primers for gene cloning and vector construction

Primer name	Primer sequence(5'→3')	Usage	Product size
β-actin-F	TTTGAAGAGTCGGTGAAGGG	internal control	176 bp
β-actin-R	TTTCATACAGCAGGCAAGCA		
TaPDS-F1	AGCGTCCAGGCACTAAA		251 bp
TaPDS-R1	TAAC TTTCCGCCCAACA	qRT-PCR	
Tadh1312-F2	TCCCGAGTGACAGGTTGAGC		242 bp
Tadh1312-R2	TCCCAGTGCCAGTCGTTCC		
TaPDS-F2	<u>GCTAGC</u> AGCGTCCAGGCACTAAA	Vector construction	251 bp
TaPDS-R2	<u>GCTAGC</u> TAAC TTTCCGCCCAACA		
Tadh1312-F3	<u>GCTAGC</u> TCCCGAGTGACAGGTTGAGC		242 bp
Tadh1312-R3	<u>GCTAGC</u> TCCCAGTGCCAGTCGTTCC		

Note: the underline part in primer sequence is enzyme loci.