

Supplementary Table S1. Specific primers used for qRT-PCR.

Target gene.	GenBank Number	Forward sequence	Reverse sequence
BnZAR1	XM_013789409.2	5'-GAGGAGAAGAAGCCGTTGTG-3'	5'-GCCAGCCATTGGTAATCTGT-3'
BnTAO1	XM_013826937.2	5'-GGAATCCCCACATGTTTTTG-3'	5'-GTCTGGAAGCTGTGGGAGAG-3'
BnEDS1	EU694108.1	5'-CAGGACATTCCACAGGAGGT-3'	5'-AACCGGCTCCAGTTCTCTCT-3'
BnLOX2	XM_013846955.1	5'-GTGGGTGCCATCAGAGTTT-3'	5'-GTCTCCAGCTCCTGTTTTTCG-3'
BnICS1	XM013887885	5'-TCAATCCCAGAACGAGATCC-3'	5'-GACAGAAACCTTCGGATGGA-3'
BnNPR1	EF613226.1	5'-TGAGAACATTGCCAAGCAAG-3'	5'-CAACAGCAAAATGGAGAGCA-3'
BnNPR3	XM_013826225.2	5'-CCAAAGTTGTTGCCGAGATT-3'	5'-TTCGCAGCTGTTTTCGTATG-3'
BnNPR4	XM_013878638.2	5'-CACAGACGAGGTGGCTGATA-3'	5'-GCCACAACCTTGGGATCACT-3'
BnPDF 1.2	AY884023.1	5'-TGTTTTTGCTGCTTTTGGTG-3'	5'-TCGAATGCACTGATTCTTGC-3'
BjCa ²⁺ ATPase	EU143656.1	5'-CGAGTTTAACGCGAGGAGTC-3'	5'-AATGCAAACCTCCCACTGTC-3'
BnCDPK5	NM_001315883.1	5'-GCAGCAATGTCTTCTGGTGA-3'	5'-GCAGCAATGTCTTCTGGTGA-3'
BnCAS	XM_013821844.2	5'-GGCGTGGAATAATTGCTGT-3'	5'-GCCATGCAAGCTCCATTTAT-3'
BnCBP60g	XM_013805373.2	5'-AGCTCACTTCACGGAGGAAA-3'	5'-TCACCACCGGTTAACCTAGC-3'
BnCaM	XM_013826798.2	5'-GGGAACGGGACCATAGATT-3'	5'-TCTCCCAAGGTTTGTATC-3'
BnMAPK6	XM_013884849.2	5'-GCTAGCTCCATGGGACAGAG-3'	5'-GAGCAGTTGGTGGTGGATTT-3'
BnNDR1	XR_002655787.1	5'-CCCTCTTCTCCTCCAATCC-3'	5'-TTCTCCTGAACGCAGAGGT-3'
ACTIN	AF111812	5'-GATTCCGTTGCCCTGAAGTA-3'	5'-GCGACCACCTTGATCTTCAT-3'

All primers were designed directly from sequences in the public database.