

Supplemental Table S2. Primers used in the study

Primers for Real-Time PCR			
Gene	Gene ID	Forward Primer (5'-3')	Reverse Primer (5'-3')
<i>CaNGAI</i>	LOC101502852	CACTTCTCCCTCCAAACTATCAA	GTAGTGATGCGGTGGAAGATAG
<i>CaBRII</i>	LOC101496225	CGGTTGCTACAGTTCCTATAC	GTGAGGTTGTTGGAAGAGAGAT
<i>CaCPDI</i>	LOC101502086	GCAGGTGTTTTCGTCATTTTC	CATTTGCAGGGCTCGATACT
<i>CaBZR1</i>	LOC101510160	CGAAGATATACGCGGGATTGAG	CAACCAGCTTCAACACAAAGAG
<i>CaSHB1</i>	LOC101491823	GGCAGCTCAGATGAGGTTAATA	CCTCTTAGCAGTTGGTCTCAAT
<i>CaMIN3</i>	LOC101511665	CAAGGCACTCATGGTAGTGTAT	GTAGCTCCACTCATCTCTGTTG
<i>CaIKU1</i>	LOC101500298	GGTCCTATGCCACCAATGAA	TGAGAGGTTGGAGAGGGTAAA
<i>CaIKU2</i>	LOC101507738	TCAGTGGTGTCTTCCACAAA	TTGCACATATCAGGCGGTATAG
<i>CaKLU</i>	LOC101491502	TTGCTGATAGGCCAGTGAAG	ATTCTCCTCAGATTCTCCAATAC
<i>CaACT1</i>	LOC101509901	GCCTGATGGACAGGTGATCAC	GGAACAGGACCTCTGGACATCT
Primers for BS-PCR			
Genomic Region		Forward Primer (5'-3')	Reverse Primer (5'-3')
Promoter_ <i>CaNGAI</i>		AATTATTTTTTAAGATAAAAATTTAATATGA	AATAAAATACCTCATTACCTTACC
Primers for multiplexed amplicon-sequencing			
Primer IDs		Forward Primer (5'-3')	Reverse Primer (5'-3')
MPA1		GCATAGCTAGCATGCTTAATTCC	AAACATGTGCTCTTTCTCCACTA
MPA2		AGCACATGTTTGACAAAGTGGT	TAGCCCAACTAACAACTTGGA
MPA3		CCAAGTTTGTTAGTTGGGCTACT	AAACAGTGCATTGAATCCGGT
MPA4		CACCGGATTCAATGCACTGTTTA	AAAAATTGTAGGTGACCTGGGT
MPA5		CACCCAGGTCACCTACAATTT	GGATTTTTTCATCGCAAGTTTGGT