SI Table 4. Primers used for gene structure and expression analyses.

Primer application	Gene	Locus name	Forward Primer (5'→3')	Reverse Primer (5'→3')
Detection of deletion by long PCR		HNB32C2	F13:GAGCGTTTGGTGGTACCTGT	R8:CGTGCTCGACTCCTAGTTCC
Three primer PCR assay of the deletion		HNB32C2-2	wF2:GCTTGCAGTTACAGAGCTACTACTAC	kR1:CCTCACCACTTAACCATGTCTG tR2:GCGGTCCTTTCTTTCCAGT
Direct sequencing	*Nud*	ABRS3-S1	F6:AGGCACACGTACTCCCAGTC	RACER2:CGTTGGCACTCCTCGGTAC
		ABRS3-S2	F14:CTCCCCACACTAGACTGCTCC	RACER1:GAGGATCTGTGACAGGCTGC
		ABRS3-S3	F1:GTACCGAGGAGTGCCAAC	R5:TGGAGAGATACTCGGCTGGT
		ABRS3-S4	F7:GCAATGGAGGACGAAGAGAG	R12:GGTGATGAGAAACCTTGGCTG
	nud	HNB32C2-2	wF2:GCTTGCAGTTACAGAGCTACTACTAC	kR1:CCTCACCACTTAACCATGTCTG
		HNB32C2-3	F1:ACATTGGTTAGACGCCAAGG	kR1:CCTCACCACTTAACCATGTCTG
		HNB32C2-4	F1:ACATTGGTTAGACGCCAAGG	kR2:GAGTGTTGGTCCCACCTGAG
RT-PCR	Actin	cMWG645	F:TTGAAGTACCCGATCGAGCATG	R:CAGGCAGCTCATAGCTCTTCTC
	Nud	ABRS3-E1	F13:ACTGCCTGCTGATCATTCCT	R5:TGGAGAGATACTCGGCTGGT
RACE (Invitrogen)	*Nud*	5' end of cDNA (1st PCR)	Abridged Anchor Primer GGCCACGCGTCGACTAGTACGGGIIGGGIIGGGIIG	GSP1 RACER1:GAGGATCTGTGACAGGCTGC
		5' end of cDNA (2nd PCR)	Abridged Universal Amplification Primer GGCCACGCGTCGACTAGTAC	GSP2 RACER2:CGTTGGCACTCCTCGGTAC
		3' end of cDNA (1st PCR)	GSP1 RTF1:TCAGGCATCCTCTCCTGAAGA	RACE adapter GGCCACGCGTCGACTAGTAC
		3' end of cDNA (2nd PCR)	GSP2 F1:GTACCGAGGAGTGCCAAC	RACE adapter GGCCACGCGTCGACTAGTAC