Supplementary Table 1. Nucleotide sequences of primers used for specific gene amplification and for conventional PCR studies of *CLCN1* gene.

Primer name	Primer sequence (5'-3')	Exon	Tm (ºC)	Amplicon length[a]
Gandolfi[b]_CLCN1_Ex_1	F: TCATGTGACGGAGAGATGGCTATA R: TACAACACTTCTCCCGCTTTCAC	1	58	428
Gandolfi[b]_CLCN1_Ex_2-5	F: GACCACCACAAAGTGACCCTACAT R: ACTTCTGTTATTCTGCTCCAGGACTAG	2-5**	58	2,007
ASB[c]_CLCN1_E6	F: CTCAGTGCCTGAAGCCATAAA R: CGCGGTGTGTGTGTAGAATAA	6	58	311
Gandolfi[b]_CLCN1_Ex_7	F: AAGCCTCTCTTTCTGCCTTATTCC R: CGGTAAATGCTCACTAAAAGTTTGC	7	58	309
Gandolfi[b]_CLCN1_Ex_8-12	F: AGCAGGTGTATGTTTTAGAGCGTGA R: TGAATAGACACTGGCTCACTCCTATAGA	8-9**	58	2,319
ASB[c]_CLCN1_E10	F: CTCGGAGGAAGGAAGGAATTG R: CACACCGTGTTCTCTCTCTATG	10	58	641
ASB[c]_CLCN1_E11/12	F: TCCTCTCCCTCACTCACTTT R: CGCTATGGTTTCCAGCTACTT	11-12	58	970
Gandolfi[b]_CLCN1_Ex_13-14	F: ATGTGTATTGGGCAGGGTTGAG R: ATGGGAGAGTTTGAGTGTGGCTAT	13-14	58	477
Gandolfi[b]_CLCN1_Ex_15-16	F: TGTCTCCCCATTCTATGTCACTCC R: CTAATGACAAGCCCACACTACAGT	15-16	58	757
Gandolfi[b]_CLCN1_Ex_17-20*	F: AGTGCTGAATGAGTGAAATAAAAGGG R: GCCTGGACTCGCATCTTACTCTTA	17-20**	59	1,605
Gandolfi[b]_CLCN1_Ex_21-23 ASB[c]_CLCN1_E21/22	F: GCGTATTTCAGGGTCTGGGCT R: GTGAGAAACAGAGTGGGAAGTC	21-22	58	508
ASB[c]_CLCN1_E23	F: CATCTTCGTCCTCTTCCCAAC R: GTACCCTCTCCCACACAAAG	23	58	494

[a]Base pairs. [b]Primers previously described[14]. [c]Primers designed in the present study. *Add 1.5 µL of dimethyl sulfoxide (DMSO). ** Exons that were sequenced with primers (5'-3') different from the primers used in the PCR reaction (exon 4: For - GAGAACAATACCGTGTGGTGAGG; exon 5: For - CTGGAAGCGGCACATAATCACT; exon 8 and 9: Rev - CCAGCAACTCACACTCACCCAC; exon 17: For – GTCCTGGCAGATGTTTGAAATG and Rev – CCATCACCTGCAACCTTATCT; exon 18: For – AGAGATTTCCCAGGACACCAGC; exon 19: Rev – TCAGTTCGCAGAGGCACGC; exon 20: For – ATGACTAGGAAGGCAAGCATC and Rev – AGGGAACAGTGTCTCCATTTG).

Supplementary Table 2. cDNA Primers for PCR*

Primer name	Primer sequence (5'-3')
ASB_cDNA_set1	F: ATGGAGCGGTCAGAGTCC
	R: TCCAGCTAACCAGAGCCATAA
ASB_cDNA_set2	F: ACAGCAAGGATGAGGATCAC
	R: ACAGTCAGCATGTCAGTGTAATA
ASB_cDNA_set3	F: CTTTGTGGCCAAGGTTGTG
	R: CAGCTCTCCAGCCATGAAT
ASB_cDNA_set4	F: CCTCAGCAAGTTCATGTCAATG
	R: GAAGAGGAGGATGATGATGACG
ASB_cDNA_set5	F: CATGCTATTCCCTGACGGTATC
	R: CCTCTTCATCCTCATCCACAAA
ASB_cDNA_set6	F: CTGTCTGAGCTGCCTTATGAT
	R: CTGGTCACGTAAGCAAGGT
ASB_cDNA_set7	F: CACCATGTCACCTGAAGAGATT
	R: ATCAGTTCGTCCTCGTCCT

*The PCR (20 µl) contained 2 µL of cDNA, 10 µL of GoTaq Green PCR Master Mix (Promega, Madison, WI), 0.5 M of each primer, and 6 µL of nuclease-free water.