

Table S1. Primers used for sqRT-PCR, mutagenesis and genotyping

Primer name	Sequence	Primer name	Sequence
GAPDH.fwd	ctcaagattgtcagcaatgcatcc	AnkK38R.mut	ggccctgtgctttgtgctaaGgcacatccaccaggagctgg
GAPDH.rev	ccagtgatgcaggatgatgttc	AnkK46R.mut	ccaccaggagctggacaGggagctgggggagagcgagg
sAnk1.5.fwd	ggatctccacagcagctgg	AnkC22G.mut	gagcttctcctggtcagcGgtcagaacgtgatgcacattg
sAnk1.5.rev	gctcctgtccagttcctgg	AnkC34G.mut	cattgtcagggggtccctgGgctttgtgctaaagcacatcc
Obsc_exon2.F	GAGGTACGAGAGAAAGAGTCTGCT		
Obsc_exon3.R	ACTGGAAGATGGTCAGTGTGTG	Obsc.F	taagattctttctgcaagcagtc
Obsc_exon5.R	CACCATTTGGATGCTAGTTTCA	Obsc.R	agtgtgtttgaggaaggagagag
Obsc_exon73.F	AGCGATGAAGAGACCAAGACA	NeoFRT.R	aatgggctgaccgcttctcgt
Obsc_exon77.R	TCCAGGTAGTGCTGAAGAGGA		
Obsc_exon83.F	ACTCTGGCCAGTACATGTGTTTT		
Obsc_exon88.R	CTCCCATGGCTACCATCTACA		
KIAA1639_ex3.R	ACATCCTCAATAGTGACCTGCAT		
KIAA1639_ex8.F	GGAAGGCCTACTACTATTTGCAC		
KIAA1639_ex13.R	ACTTCGAGCAAGAAGGAAGTGTG		
KIAA1639_ex14.F	ATTGAAGAAGGAGCTCTCAACG		
KIAA1639_ex14.R	GCCAAAGGCAAAAGTACCATAG		

RT-PCR primers are shown on the left panel, mutagenesis and genotyping primers are shown on the right panel. Note that upper case indicates the mutation in the AnkK38R.mut, AnkK46R.mut, AnkC22G.mut and AnkC34G.mut primers.