

S1 Table. Primers and Target sites.

RT-PCR primers		
Gene_exon	Forward Sequence	Reverse Sequence
n4bp3_exons 1-2	TGTCCCAATCTCTGGAGGAC	TTTCAGCTCCGTCACCTCCT
slc6a19b_exons 1-2	AAGCCCAATACATGCTGACC	AGTCCTCCAGACACCCACAC
mdh1ab_exons 1-2	CGTGAGGAAAATAGGGGTGA	CAATGCCGTACAGCAGAGAG
serpina10a_exons 2-3	AGAAGGTCAGGGATGTGGTG	AGAACGGAGCATCATGGGTA
Anxa6_exons 3-4	CGAGACCTGGAAGCAGATGT	GAGCATCTTCCTCCACAAGG
slc25a46_exons 3-4	CACCCCTGCATTGTGTTTC	GGTGACATTGTACATCACACTGA
PCR primers for RT-PCR, Sanger and Fragment analysis		
Slc25a46 - exon 8	tccagtcttcatccagtgttc	CGGCAAAGCTGGCCATGAG
Slc25a46 - exon 5	GGAAAGGAATGGGAAGCACT	
Slc25a46 Single Guides for CRISPR		
strand	Target sequence	PAM site
-	GGGAGCACCAGGTTCCAGAG	AGG
+	GGACACGGTCCAGTCTATGC	TGG
-	GGAAGAAGACGCTTACTGTG	AGG
-	GGAGGACTGTCTGGGAGCACC	AGG
+	GGAGGGTCTGGGACGTGTAA	TGG
Morpholino		
SLC25A46_MO_ex7_in7	AGTGTATCAAACCTCTTACCTGTAC	