

Supplementary Tables

oligos for CRISPR/Cas-mediated *CANX* knockout

sgRNAs

oligo ID	sequence (5' to 3')	targeted exon
sgCANX-1	tgtgttgctttaggaaag	5
sgCANX-2	agcagagatggcatgatgct	5
sgCANX-3	cttcatagataccgtttg	7

primers

primer ID	sequence (5' to 3')
CANX-1_fwd	cacctgtgtgtttaggaaag
CANX-1_rev	aaaccttcctacaagacaacaca
CANX-2_fwd	caccagcagagatggcatgatgct
CANX-2_rev	aaacagcatcatgccatctctgct
CANX-3_fwd	caccctcatagataccgtttg
CANX-3_rev	aaacaaaaacgggtatctatgaag
CANX_ex5_fwd	tcaccgcaacctctgtttct
CANX_ex5_rev	acccaaaaatccctaccacca
CANX_ex5_seq	cacggctgcccagtataat
CANX_ex7_fwd	tcagttccatgacaagacccc
CANX_ex7_rev	ttgagtctcactttcgcca
CANX_ex7_seq	acagtgcccgccagatat