

Table S1. List of used primers and sequences.

Oligonucleotides for gene Expression (rt-PCR)		
Gene	Forward	Reverse
SLC26A7	GTGCTGGGCTTATCCGACTT	AGAGGATGTTTCATCGGGGGA
SLC26A9	GTCTGGTGAGCCCACTCTTC	ATGTTTCAGGAGGCTGAGGC
SLC4A2	CAGATCAAGGCCGAGGACAG	TCTCCAGCAGTTTCAGCTCG
Oligonucleotides (cloning)		
Gene	Forward	Reverse
SLC26A7 guide 1	CACCGACAATCCGTTCCACGGCGT	AAACACGCCGTGGAACGGATTGTC
SLC26A7 guide 2	CACCGCAGAGTAACACAAGCGTGCT	AAACAGCACGCTTGTGTTACTCTGC
SLC26A9 guide 1	CACCGCTCTGTCTACCACGTAGCG	AAACCGCTACGTGGTAGACAGAGC
SLC26A9 guide 2	CACCGTCTCAAACATCGTCGAAG	AAACCTTCGACGATGAGTTTGAGAC
SLC4A2 guide 1	CACCGACGAACTTCACCGCACCT	AAACAGGGTGCGGTGAAGTTCGTC
SLC4A2 guide 2	CACCGTGGAGAAACCCCGACCATTG	AAACCAATGGTCGGGGTTTCTCCAC
Oligonucleotides for KO verification		
Gene	Forward	Reverse
SLC26A7	TGCCAATCTGCAGAGAGGTG	AAAACACCAGCTGCCTTCCC
SLC26A9	GCAGGGAGTCTGACGGAAAA	ATGGTTCTTGCTCCTGCTCC
SLC4A2	CTGGGAAGGGTGAGGTTTCG	
sgRNA sequences		
SLC26A7 (Hygromycin LV backbone)	GACAATCCGTTCCACGGCGT CAGAGTAACACAAGCGTGCT	TGG GGG
SLC26A9 (Blasticidin LV backbone)	GCTCTGTCTACCACGTAGCG TCTCAAACATCGTCGAAG	GGG AGG
SLC4A2 (Puromycin LV backbone)	GACGAACTTCACCGCACCT TGGAGAAACCCCGACCATTG	GGG AGG