

Supplementary Table 1. Primers used in quantitative RT-PCR

Gene		Nucleotide sequence	Gene		Nucleotide sequence
human <i>SLC1A1</i>	F R	accctgatcattgctgctg ggagagctttccacaatgc	human <i>SLC16A2</i>	F R	agtgactccatccctggactt ggggaatcatcatggacatc
human <i>SLC2A1</i>	F R	gtcaacacggccttcaactg ggcatgagtatggcacaacc	human <i>SLC16A3</i>	F R	gagtttgggatcggttacag cggttcacgcacacactg
human <i>SLC2A9</i>	F R	ttatctgcattggcgtgttc gcagggaccacaatcactc	human <i>SLC16A4</i>	F R	tctttgtgactatgggacttct gctgtagaaaagagccaatcgtt
human <i>SLC3A1</i>	F R	tggaacgatggaagatttga cactcgtgtggttggtatga	human <i>SLC16A5</i>	F R	aacggccccctgagatcat ccactcatggctggctct
human <i>SLC4A1</i>	F R	tctcaggaacgtggagctt ggccactcgcgtattcat	human <i>SLC16A6</i>	F R	tccaatagcaggatctcatgg gaaacgattgctcaggactgt
human <i>SLC4A7</i>	F R	gccataattgcatttggaga ccgtgagaccaataaca	human <i>SLC16A7</i>	F R	tgtggcccagttctcttgg tgctgctaccacaatagccc
human <i>SLC5A1</i>	F R	gccattggaggctttgaa caccaccccagccttaatatag	human <i>SLC16A8</i>	F R	ctggtgtgctcgtggagg ccggccaggtagaatgatc
human <i>SLC5A2</i>	F R	tgctgacatcctagtcttctg tgttggtctgcacatggac	human <i>SLC16A9</i>	F R	gcttggcctgattcaaca gcatccatccagtcacatagaa
human <i>SLC5A12</i>	F R	ccaggacttttgggcttg aaaggtcactgttgccaagg	human <i>SLC16A10</i>	F R	ttgggctcatgtccagttct accaatgaaggctggatgc
human <i>SLC6A6</i>	F R	cgccttcgtgtgtagcatc gctgcatagtagcaaaagactga	human <i>SLC16A11</i>	F R	cgtattcggggctctgac tcagcccataggccacag
human <i>SLC6A8</i>	F R	tgggaggtgacccttctg cgtaggggaatgtagcagtga	human <i>SLC16A12</i>	F R	gcagtccatacttgggtgag caaagccaagcaacacagaa
human <i>SLC6A19</i>	F R	tcccctactgtgtcagagc gcgaactccaggtagcagca	human <i>SLC16A13</i>	F R	tgcagatgatagagagcatcg gaagccgtgtagttgcctgt
human <i>SLC7A7</i>	F R	ccagtgccttctctgctctt agccccacaaagaaccagta	human <i>SLC16A14</i>	F R	ctatgctgcaaactgtgcatt gaaataactgcccaccatga
human <i>SLC7A9</i>	F R	catgaacgtgtcctacttcacc aacacggtcaccaaatgtca	human <i>SLC17A1</i>	F R	acttgtgactggagtattctgtgaa agagaagacatcggccacagc
human <i>SLC9A1</i>	F R	tctcaccgtcttctgtcag atggagcgccttcgtctctt	human <i>SLC17A3</i>	F R	gggtggcccttctgtctc ggaaacggggctcatcataaa
human <i>SLC9A3</i>	F R	ctgaaggatgccatcagctac gaccacgttgcgtgct	human <i>SLC19A1</i>	F R	cagttcctcgtgcccatc ggcaaagaacgtgttgacc
human <i>SLC9A3R1</i>	F R	caatggggagatacagaaggag ctcgtggtgtcactggag	human <i>SLC19A2</i>	F R	ccttctgaccccgctacc agcaccaggtaagagtaagtcca
human <i>SLC9A8</i>	F R	cccagtcaccagatcctc aggccaagaaatgcaaacac	human <i>SLC19A3</i>	F R	aaaactgaccagtcagagaga ggacataatcggtaggacaa
human <i>SLC10A2</i>	F R	tggtgctcattataggatgctg gcagtgtggagcatgtggt	human <i>SLC20A2</i>	F R	catggggaaggactcact ggaggggatcaccactgt
human <i>SLC11A2</i>	F R	ctcgacactggctgtggac ccccactgcccacaaatgta	human <i>SLC21A8</i>	F R	tcaagtggattaaaaagcatacagtg ttcaccacagtgctgagta
human <i>SLC13A1</i>	F R	tgtttacttatagggtctattc gtggagagtaataaaaagcaacaa	human <i>SLC21A20</i>	F R	ctggaggcttctgcttccac gcttctcaacagtggaatgcta
human <i>SLC15A1</i>	F R	ctccatggccttgggt aactttaatttgacttcgtttcc	human <i>SLC22A1</i>	F R	tctcttctcgtctactactgg tggtccattatctttattgctca
human <i>SLC15A2</i>	F R	caggcttggagtttcttattctcag cgatgatattccaactgcaa	human <i>SLC22A2</i>	F R	tcggctacatagcagacagg cgataggttgggaaatgg
human <i>SLC16A1</i>	F R	gggattggtgaccattgtg catgtcattgagccgacct	human <i>SLC22A5</i>	F R	gtgctgccactgtttgctta gggggactcagggatgaa

Gene		Nucleotide sequence	Gene		Nucleotide sequence
human <i>SLC22A6</i>	F R	gctggggaagggtgtct attcccatgcctgtctgc	human <i>SLC34A3</i>	F R	gaaatccatgccgagtcc cctccaagactggagcagaa
human <i>SLC22A7</i>	F R	gatgggaaagcttttctga agcccatcctgtctgt	human <i>SLC34A3</i>	F R	gaaatccatgccgagtcc cctccaagactggagcagaa
human <i>SLC22A8</i>	F R	gctcgtgcttgagacct ccatgtagatggggaaggtg	human <i>SLC40A1</i>	F R	gctctagctgtgaaagctggc agtccctccagggtttt
human <i>SLC22A11</i>	F R	ttcgcctccctgacctatc acagtgcaggcctcttgc	human <i>MATE1</i>	F R	gtgcttttctgtagccttc cctgagccaccagattaatga
human <i>SLC22A12</i>	F R	ggattctggtgggagctg taccatcacagccatctga	human <i>MATE2-K</i>	F R	tatactcccggctggact tgcaagtctctctgtctct
human <i>SLC22A13</i>	F R	atgagacgcagccttga cgatcacaaccaggtgaa	human <i>AQP1</i>	F R	cctcctgactgggaactc ggagggtcccgatgatct
human <i>SLC23A3</i>	F R	tggactctccccagggt tccagcagacaaaaccacag	human <i>AQP7</i>	F R	gggttttgcttccagggt cgcacagttagcaaaaggta
human <i>SLC24A3</i>	F R	gtgtctgtgggcttttct cgatcacagacagcgtgtagta	human <i>AQP11</i>	F R	ggctgcactcatcactttt aatgtagcgaaagtccaaag
human <i>SLC25A8</i>	F R	tgaagccaacctcatgaca ctacaggggagcgcgatgac	human <i>KCNE1</i>	F R	tgtatccagaggaatagccaag ggatcatctgggcattaag
human <i>SLC26A1</i>	F R	gatgaccgggctttaccag ctgcgaggtcaggatggt	human <i>PKD1</i>	F R	agcctgaccgtgtggaag ggacacacactccaaggaca
human <i>SLC26A2</i>	F R	ggttggcagcactgtaacct gacagaacaaaaccacttga	human <i>LRP2</i>	F R	atagaggggagcaccactga agcaatttctccgtgcat
human <i>SLC26A3</i>	F R	tcggcacttccagacacata gcgatctgggactgctttt	human <i>BMP7</i>	F R	tccaagacgccaagaac acagctcgtgcttcttacagg
human <i>SLC26A4</i>	F R	cattgttaateccatccaagg tgcaatagcataagccacca	human <i>ANG</i>	F R	cattgtcctgccgtttc cagcacgaagaccaacaaca
human <i>SLC28A1</i>	F R	catgctgggaggttgac cacaggctcccgtgaaga	human <i>PDGFD</i>	F R	tgtggctaacctggattcaa tcccagttggtctctgaagc
human <i>SLC28A2</i>	F R	caggggagctgaagctga ggttggtgccattcagaga	human <i>CUBN</i>	F R	ccgttagtgacgacaagggtg ccaggtagtcattggagca
human <i>SLC29A1</i>	F R	ccttctccaacggctacct cacaggaagaaggccatgat	human <i>AMN</i>	F R	gtgctgtgacctctgtggag accaggaagggtgtccagta
human <i>SLC29A2</i>	F R	acggagcctgaccttactt gaagaggggcacgaacag	human <i>HNF4A</i>	F R	gtgctgtgacctctgtggag accaggaagggtgtccagta
human <i>SLC34A1</i>	F R	gctccagcactccacat atgttggagcccatgatga	human <i>TBP</i>	F R	gaacatcatggatcagaacaaca atagggattccgggagtcac