

Table 1. Panel A: Sequences of ZnT8 siRNA. Panel B: primers used for real-time-PCR

A

ZnT8 siRNA sense sequence	CCGUCAUGAUCUJAAAAGAUU
ZnT8 siRNA antisense sequence	UCUUUUUAGAUC AUGACGGUU

B

Gene of interest	Sense real-time PCR primer	Antisense real-time PCR primer
Beta Actin	ACCAACTGGGACGATATGGAGAAGA	TACGACCAGAGGCATACAGGGACAA
ZnT1	AGTCCATGAGCTACATGTCTGGCA	TCACACGGGAGCACACTTGACTTA
ZnT2	CAGAAGGATTCTGGAAGTCACC	CGGGAAGACACCCAGAGG
ZnT3	GTCTCCCTCTGGATAGTCACTGG	GCATACTCTGCACCTGTAGATCC
ZnT4	AGTTGCTGAAGCAGAGGAAGGTGA	TTTGAGGACAGCCACAAAGCAAGC
ZnT5	TCATGGCAAAGATGGCTGAACACC	ACATAAAGCCAGCACCAGCAAGAG
ZnT6	TTCTGTTGCGTGCAATCAACGTGC	GGCAGTTAATGCGATGCTGTTGGT
ZnT7	ATCTGTTGCGCAAGATCTCAGGCT	AAGCGAAAGAGAGGTT CAGGCACA
ZnT8	AAGTGGAGACTCTGTGCTGCTTCA	GGCCTCGATGACAACCACAAAGAA
ZnT9	TATGTGGTTCCCGACATTCACCCA	TGGAGCTTTGAGTTCTGCGCCTAT
ZnT10	TCTGAAGCACTCAATATCAGAGG	AGAATATGATAGCCGTGATGACC
ZIP1	CAGTGGAGACCTATTTGCTCTTTTA	CTACTTTTCTCTCACTCCAGACCAG
ZIP2	CATATGACTGCTGAAGCTCTGG	CGAGAAGAATTTCCCTTACTTCC
ZIP3	TGGCGTATTCCTGGCTACATGCTT	ACACAGTGAGGAAGAAACCCACCA
ZIP4	ACTGGACGGCCTGTAAATACGCT	TGTGGCTTGTCAGGTTTGCCTAGA
ZIP5	AGGACCTAGTGAGCAATCAGAGG	TTCTCCAAGATCCCTTTTGTTC
ZIP6	TGAGTCTGTGAGTGAGCCCAGAAA	TTGCATTCAACAGAGCCTGGATGC
ZIP7	AGGGATCCTGACCACAATGACAGT	AATTGCAGTCACGAGTTGCAGACG
ZIP8	TAACCAGGTGCAACTTCTGTGCCA	AAATCAATCCCAGGAGAGAGGCCA
ZIP9	CTGTGGCAATGTTGGTGGGATGTT	AGTGCAGTTCCACAGAGAAGACCA
ZIP10	ACCTTTGCCCTGCATTGCTGTATC	ACACCCAGCAAGGAAAGCAGACTA
ZIP11	ACAGTATCCAGCATGCTCCAAGGT	AAAGCCCAGGCTTCCGTCTAAGAT
ZIP12	CATCTCATACCTCAGGTTCTTGG	ATTAATAATGGCAGACCCTTG
ZIP13	AACCTGCTTGCCAACACCATAGAC	ATGGTGGTCAGAAGCCCAGTCTTT
ZIP14	AATGTTTCCAGCCCAAGGAAGGA	TCTGAGATCGCTCGCTCAAGTTGT