

Supplementary Table 1.

Gene	Sequence
Primers for qPCR	
Circ-ZKSCAN1	5'CCCAGTCCCCTTCAAACAT 3' 5'TCATTTCAGGCTCCAGGAACT 3'
ZKSCAN1	5' CGCTTCAGGCGCTTCTGTTA 3' 5' CCACTATCGGGGCGGTATTC 3'
GAPDH	5' GGAGCGAGATCCCTCCAAAAT 3' 5' GGCTGTTGTCATACTTCTCATGG 3'
miR-1178-3p	5' TGCTCACTGTTCTTCCCT 3'
p21	5' TGTCCGTCAGAACCCATGC 3' 5' AAAGTCGAAGTTCCATCGCTC3'
RNA oligos	
Circ-ZKSCAN1 siRNA#1	5'GTCACGAGGAATAGTAAAGAATT 3'
Circ-ZKSCAN1 siRNA#2	5'ACGAGGAATAGTAAAGAAACATT 3'
miR-1178-3p	5'UUGCUCACUGUUCUUCCCCUA GAGGGAAGAACAGUGAGCAAUU 3'
FISH probe sequence	
Circ-ZKSCAN1	5'TGTTTCTTTATCTATTTCCTCGTGACTGTAAGAGGC3'
miR-1178-3p	5'TGTTTCTTTATCTATTTCCTCGTGACTGTAAGAGGC3'
U6	5'TTTGCGTGTCATCCTTGCG'
RNA pulldown biotin probe	
Circ-ZKSCAN1	5'TGTTTCTTTATCTATTTCCTCGTGACTGTAAGAGGC3'
miR-1178-3p	5'UUGCUCACUGUUCUUCCCCUAG3'
NC	5'CUGUACUUGUUCACUACAAGUGCUAUACUUGGUAGAUCAGA3'