

SUPPLEMENTARY TABLE

Supplementary Table 1. The sequences of primers, oligonucleotides and probes used in this study.

Primers	
CircPTPRA Forward	TAACCAGTTCACGGATGCCA
CircPTPRA Reverse	AGCATTGTTGGCACTGACAC
Linear PTPRA Forward	ACCAGGGAGAATAAGAGCCG
Linear PTPRA Reverse	GATCATGCCCTTTCCGTCAC
GAPDH Forward	CAAGGCTGAGAACGGGAAG
GAPDH Reverse	TGAAGACGCCAGTGGACTC
Divergent GAPDH Forward	GAAGGTGAAGGTCGAGTC
Divergent GAPDH Reverse	GAAGATGGTGATGGGATTTT
hsa-miR-636 Forward	ACACTCCAGCTGGGTGTGCTTGCTCGTCCCG
hsa-miR-1250-5p Forward	ACACTCCAGCTGGGACGGTGCTGGATGTG
hsa-miR-578 Forward	ACACTCCAGCTGGGCTTCTTGTGCTCTAG
miRNA reverse primer	TGGTGTGCTGGAGTCG
U6 Forward	CTCGCTTCGGCAGCACA
U6 Reverse	AACGCTTCACGAATTTGCGT
18S Forward	GGAGTATGGTTGCAAAGCTGA
18S Reverse	TCCTGCTTTGGGGTTCGATT
oligonucleotides	
Si-NC sense	UUCUCCGAACGUGUCACGUTT
Si-NC antisense	ACGUGACACGUUCGGAGAATT
CircPTPRA-si1 sense	CCCUCUUCAGAUAAAGCAUTT
CircPTPRA-si1 antisense	AUGCUUAUCUGAAGGAGGGTT
CircPTPRA-si2 sense	CUUCAGAUAAAGCAUGGAUUTT
CircPTPRA-si2 antisense	AAUCCAUGCUUAUCUGAAGTT
mimic-NC sense	UUCUCCGAACGUGUCACGUTT
mimic-NC antisense	ACGUGACACGUUCGGAGAATT
miR-636 mimic sense	UGUGCUUGCUCGUCCCCGCCGCA
miR-636 mimic antisense	UGCGGGCGGGACGAGCAAGCACA
Inhibitor-NC	CAGUACUUUUGUGUAGUACAA
miR-636 inhibitor	UGCGGGCGGGACGAGCAAGCACA
KLF9-si1 sense	GCAUGAUCAAGCGAUCGAATT
KLF9-si1 antisense	UUCGAUCGCUUGAUC AUGCTT
KLF9-si2 sense	CUCUCUUGAAUCACGUUAATT
KLF9-si2 antisense	UUAACGUGAUUCAAGAGAGTT
Probes	
CircPTPRA-5'Cy3	AACCAGGAATCCATGCTTATCTGAAGGAGGGAAAGTTTCT
miR-636-5'Cy5	TGCGGGCGGGACGAGCAAGCACA
U6-5'Cy3	TTTGCCTGTCATCCTTGCG
18S-5'Cy3	CTTCCTTGGATGTGGTAGCCGTTTC
CircPTPRA-5'biotin	AACCAGGAATCCATGCTTATCTGAAGGAGGGAAAGTTTCT
miR-636-5'biotin	UGUGCUUGCUCGUCCCCGCCGCA
miR-636 mutant-5'biotin	UCACGAAGCUCGUCCCCGCCGCA