






Table S1 qRT-PCR primers

Gene	Sense primer (5'—3')	Anti-sense primer (5'—3')
PHF8	ACACAGCGTAGATGCGAGCA	GCTGAGTATCAGCACGACGT
MYC	GCTTGACATGACAAGCTTCTCA	TTAGCCTGAGCTATCGACTG
β -actin	GTCTCCTCTGACTTCAACAGCG	ACCACCCTGTTGCTGTAGCCAA
miR-22-3p	GTCTGCTCCACGAGCTAGACGG	ATTCCACTTCGGAGAGGGC
miR-494-3p	AGTAACCTGGAGCTCCATAAGCGT	GCGATCCTAGGTAAGCGACGT
miR-31-5p	TCGATAATCGCGTAGCCAAGTCAT	TAATTCCGGTCAGGCTAAG
miR-182-5p	TTGCCCTGGACTCAGCTCCATCG	TTGACCCTACAGACCTAC
miR-495-3p	GGCTTAGCGTCAGTCAGTCGTAGCT	TCGATCCGATCCGATAATCGA
U6	CACAGCTCAAGGAGCCCA	TGGCTCTCCATAGTTCCAT

Table S2 The potential binding sites of microRNAs on PHF8 3' UTR by using starBase.

MiRNAs	BindingSites	Alignment
hsa-miR-22-3p	chrX:53963744-53963765[-]	Target: 5' cuuGAUCUUUCAAGGCAGCUa 3'  miRNA : 3' uguCAAGAAGUUGACCGUCGAa 5'
hsa-miR-494-3p	chrX:53963512-53963540[-]	Target: 5' uuuGUUUUUU-UUAAUGUUUCa 3'  miRNA : 3' cucCAAAGGGCACAUAACAAAGu 5'
hsa-miR-31-5p	chrX:53965056-53965084[-]	Target: 5' guCUCUGCC- -CCCUCUUGCCa 3'  miRNA : 3' ucGAUACGGUCGUAGAACGGa 5'
hsa-miR-182-5p	chrX:53965054-53965082[-]	Target: 5' gcUGUGGUCUCUGCCCCUCUUGCCAAa 3'  miRNA : 3' ucACACUCAAGAUGG-- --- --UAACGGUUu 5'
miR-495-3p	chrX:53963607-53963635[-]	Target: 5' ucuuAGAGCCCCUGUUUGUUg 3'  miRNA : 3' uucuUCACGUGGUACAAACAAa 5'