

Table S3. Primers used for this study.*A Primers used for mutant detecting and expression analysis.*

Genes	Primer pair used for mutant detecting	Primer pair used for qRT-PCR (Universal reverse primer: GTGCAGGGTCCGAGGT)
miR-972-3p	N.A	RT: GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCACCA GAGCCAACGCCTAA F: GGCGUTGTACAATACGAATAT
miR-973-5p	F: TCTCATTCGTTTAGCGAGAGG R: GAAAAGCATGAGATCCTCGAC	RT: GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCACCAG AGCCAACAAAATCG F: GGCGTGGTTGGTGGTTGAA
miR-975-5p	F: AATACGAAAGTGCGGACCAC R: TCTGATAGGGAAGGCACTCG	RT: GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCACCAG AGCCAACATACAGG F: GGCGTAAACACTTCCTACAT
miR-977-5p	F: AGCGGAGAATACGAAAGTGC R: TCTGATAGGGAAGGCACTCG	RT: GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCACCAG AGCCAACCTAGAC F: GGCGTGAGATATTACGTT
miR-978-3p	F: GCAAACCCCGTAGCAGGA R: GATCAACAGCATGGCGAAGA	N.A
miR-983-5p	F: TGCGCCATTCAATGTCTATC R: TGAGTCGTCAACTCGGTGAG	RT: GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCACCAGA GCCAACTCATT F: GGCGATAATACGTTTCGAAC
miR-984-5p	F: TGCGCCATTCAATGTCTATC R: TGAGTCGTCAACTCGGTGAG	RT: GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCACCAGA GCCAACAAATTCC F: GGCGTGAGGTAAATACGGTT
2s(Reference gene)	N.A	RT: GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCACCAGA GCCAACTACAAC F: GGCGTGCTTGACTACATATGG

B The sequence of TaqMan probes used for qRT-PCR.

Genes	Target sequence
U14(Reference gene)	GCGGUUCCACCAGAAAGCUUCGGCUUAAUGAUGGUCUAAGGCGUCUGACU
miR-975-5p (Positive control)	UAAACACUCCUACAUCUGUAU
miR-978-3p.1	UGUCCAGUGCCGUAAAUUGCAG
miR-978-3p.2	GUGUCCAGUGCCGUAAAUUGCAG

Note: For *mir-978* expression analysis, TaqMan probes are used to get higher specificity for detecting its two iso- miRNAs.