

Knyazeva et al., Reciprocal dysregulation of mir-146b and mir-451 contributes in malignant phenotype of follicular thyroid tumor.

**Supplementary data 1. Primers and probes used for RT-qPCR**

miR-29b MI0000105	Synthetic miRNA		UAGCACCAUUUGAAAUCAGUGUU
	Spec-TT	Primer RT	CAAATGGTCGACGAATACTGCTAGAGTTGC
			TAGCAGAGCCCTTAAACACT
		PCR-forward	CAAATGGTCGACGAATACTG
		PCR-reverse	GGTAGCACCATTGAAATCAG
		Probe	AGAGTTGCTAGCAGAGCCCTTAA
	Spec-SL	Primer RT	GTCGTGTCTGAGGCTCACTGAGACCTTTCGAC
			CCTCGACACGACAA(C)AC(T)GAT
		PCR-forward	CAGCACTAGCACCATTGAA
		PCR-reverse	CTGAGGCTCACTGAGACCT
		Probe	TTCGCACCCTCGACAGACAACACTGAT
	Uni-Elong	Adaptor	GGCCGAACTACGACCTGCATAAACGG
		Primer RT	CCCAGTTATGGCCGTTTATGCAGGT
		PCR-forward	TAGCACCATTGAAATCAGTGTT
		PCR-reverse	CCCAGTTATGGCCGTTTA
miR-375 MI0000783	Synthetic miRNA		UUUGUUCGUUCGGCUCGCGUGA
	Spec-TT	Primer RT	CGAACAAATCAAGCTCTCCAGGTACAGTTGGTACCTGACTCCACG
			CTCACGC
		PCR-forward	CGAACAAATCAAGCTCTCCAG
		PCR-reverse	CGGTTTGTTTCGTCGGCTC
		Probe	ACAGTTGGTACCTGACTCCACGC
	Spec-SL	Primer RT	GTCGTGTCAGAGGCTCACTGAGACCTATTCGC
			ACCTCGACACGACT(C)ACG(C)GA

		PCR-forward	ACAGCTTTGTTCGTTCCGGC
		PCR-reverse	CTGAGGCTCACTGAGACCT
		Probe	CGACACGACTCACGCGA
	Uni-Elong	Adaptor	GGCCGAACTACGACCTGCATAAACGG
		Primer RT	CCCAGTTATGGCCGTTTATGCAGGT
		PCR-forward	TTGTTCGTTCCGGCTCGC
		PCR-reverse	CCCAGTTATGGCCGTTTA
mir451a-5p MI0001729	Synthetic miRNA		AAACCGUUACCAUUACUGAGUU
	Spec-TT	Primer RT	AACGGTTTCGACGAATACTGCTAGAGTTGCTAGCAGAGCCCTTA AAACTCA
		PCR-forward	CAACGGTTTCGACGAATAC
		PCR-reverse	GGAAACCGTTACCATTACTG
		Probe	AGAGTTGCTAGCAGAGCCCTTAA
	Spec-SL	Primer RT	GTCGTGCTGAGGCTCACTGAGACCTATTCGCA CCTCGACACGACAA(C)T(C)AGT
		PCR-forward	CCAGCAAACCGTTACCATT
		PCR-reverse	CTGAGGCTCACTGAGACCT
		Probe	CGCACCTCGACACGACAACTCAGTA
	Uni-Elong	Adaptor	GGCCGAACTACGACCTGCATAAACGG
		Primer RT	CCCAGTTATGGCCGTTTATGCAGGT
		PCR-forward	AAACCGTTACCATTACTGAGTT
		PCR-reverse	CCCAGTTATGGCCGTTTA
miR-21-5p MI0000077	Synthetic miRNA		UAGCUUAUCAGACUGAUGUUGA
	Spec-TT	Primer RT	ATAAGCTACAACGACCAGAGCTAGAGAACCTAGCTCACCCACTA CTCAACA
			CATAAGCTACAACGACCAGAG

		PCR-reverse	GGTAGCTTATCAGACTGATGT
		Probe	AGAGAACCTAGCTCACCCACTAC
miR-146b-5p MI0003129	Synthetic miRNA		UGAGAACUGAAUUGCAUAGGCUG
	Spec- TT	Primer RT	CAGTTCTCCTATGCTCTCCAGGTACAGTTGGTACCTGTCTCCAC TTCAGCCT
		PCR-forward	AGTTCTCCTATGCTCTCCA
		PCR-reverse	GAGAACTGAATTCCATAGGCT
		Probe	TACAGTTGGTACCTGTCTCCACTT
miR-20a-5p MI0000076	Synthetic miRNA		UAAAGUGCUUUAUAGUGCAGGUAG
	Spec- TT	Primer RT	GCACTTTACGACGAATACTGCTAGAGTTGCTAGCAGAGCCCTT AACTACCT
		PCR-forward	GCGCACTTTACGACGAATAC
		PCR-reverse	CGTAAAGTGCTTATAGAGCAGGT
		Probe	AGAGTTGCTAGCAGAGCCCTTAA
miR-204-5p MI0000284	Synthetic miRNA		UUCCCUUUGUCAUCCUAUGCCU
	Spec- TT	Primer RT	GACAAAGGGATATGTGAGACGTACGTTGAGTACGTCAAGTGA AGTAGGCAT
		PCR-forward	GACAAAGGGATATGTGAGAC
		PCR-reverse	CCCTTGTCATCCATGCCT
		Probe	ACGTACGTTGAGTACGTCAAGTG