

<b>miRNA name</b>	<b>MiR sequence</b>	<b>accession number</b>	<b>Reason of choice</b>	<b>MSigDB All Canonical Pathways [1]</b>
<b>hsa-let-7b-5p</b>	UGAGGUAGUAGGUUGUGUGG UU	MIMAT000006 3	[2–4]	TNFR2 Signaling Pathway
<b>hsa-miR-128-3p</b>	UCACAGUGAACCGGUCUCUU U	MIMAT000042 4	[5, 6]	RXR and RAR heterodimerization with other nuclear receptor
<b>hsa-miR-135a-5p</b>	UAUGGCUUUUUAUUCCUAUG UGA	MIMAT000042 8	[5]	ErbB signaling pathway
<b>hsa-miR-150-5p</b>	UCUCCCAACCCUUGUACCAG UG	MIMAT000045 1	[5], lymphoid cell expression	JNK MAPK Pathway
<b>hsa-miR-155-5p</b>	UUA AUGCUAAUCGUGAUAGG GGU	MIMAT000064 6	[7–9], lymphoid cell expression	IL4-mediated signaling events
<b>hsa-miR-197-3p</b>	UUCACCACCUUCUCCACCCA GC	MIMAT000022 7	[3]	Adherens junction
<b>hsa-miR-21-5p</b>	UAGCUUAUCAGACUGAUGUU GA	MIMAT000007 6	[3, 10, 11]	TGF-beta receptor signaling
<b>hsa-miR-210-3p</b>	CUGUGCGUGUGACAGCGGCU GA	MIMAT000026 7	[3, 5, 6]	Regulation of Telomerase
<b>hsa-miR-27b-3p</b>	UUCACAGUGGCUAAGUUCUG C	MIMAT000041 9	[5, 12]	Trk receptor signaling mediated by PI3K and PLC-gamma
<b>hsa-miR-342-3p</b>	UCUCACACAGAAAUCGCACC CGU	MIMAT000075 3	[5, 13], lymphoid cell expression	Genes involved in Myogenesis

<b>hsa-miR-34a-5p</b>	UGGCAGUGUCUUAGCUGGUU GU	MIMAT000025 5	[9, 14]	Notch signaling pathway
<b>hsa-miR-374a-5p</b>	UUAUAAUACAACCUGAUAAAG UG	MIMAT000072 7	[8, 13, 15, 16]	Regulation of nuclear SMAD2/3 signaling
<b>hsa-miR-142-5p</b>	CAUAAAGUAGAAAGCACUAC U	MIMAT000043 3	[13], lymphoid cell expression	/
<b>hsa-miR-142-3p</b>	UGUAGUGUUUCCUACUUUUAU GGA	MIMAT000043 4	lymphoid cell expression	Genes involved in Signaling by EGFR in Cancer
<b>has-miR-342-5p</b>	AGGGGUGCUAUCUGUGAUUG A	MIMAT000469 4	[13], lymphoid cell expression	/
<b>hsa-miR-146a-5p</b>	UGAGAACUGAAUCCAUGGG UU	MIMAT000044 9	lymphoid cell expression	Genes involved in p75NTR recruits signalling complexes
<b>hsa-miR-223-3p</b>	UGUCAGUUUGUCAAAUACCC CA	MIMAT000028 0	lymphoid cell expression	FoxO family signaling
<b>hsa-miR-503-5p</b>	UAGCAGCGGGAACAGUUCUG CAG	MIMAT000287 4	unpublished results	Regulation of eIF4e and p70 S6 Kinase
<b>hsa-miR-23a-3p</b>	AUCACAUUGCCAGGGAUUUC C	MIMAT000007 8	unpublished results	MAPKinase Signaling Pathway
<b>hsa-miR-301b</b>	CAGUGCAAUGAUUUGUCA AGC	MIMAT000495 8	[17], unpublished results	TGF-beta signaling pathway
<b>hsa-miR-143-3p</b>	UGAGAUGAAGCACUGUAGCU C	MIMAT000043 5	[17], unpublished results	Genes involved in NGF signalling via TRKA from the plasma membrane

<b>hsa-miR-548c-5p</b>	AAAAGUAAUUGCGGUUUUUG CC	MIMAT000480 6	unpublished results	/
<b>hsa-miR-148b-3p</b>	UCAGUGCAUCACAGAACUUU GU	MIMAT000075 9	[13]	Genes involved in Developmental Biology
<b>hsa-miR-505-3p</b>	CGUCAACACUUGCUGGUUUC CU	MIMAT000287 6	[2]	Genes involved in Developmental Biology
<b>hsa-miR-93-5p</b>	CAAAGUGCUGUUCGUGCAGG UAG	MIMAT000009 3	[18, 19]	Genes involved in G1 Phase
<b>hsa-miR-205-5p</b>	UCCUUCAUCCACCGGAGUC UG	MIMAT000026 6	[4, 19, 20]	Genes involved in YAP1- and WWTR1 (TAZ)-stimulated gene expression
<b>hsa-miR-378a-3p</b>	ACUGGACUUGGAGUCAGAAG G	MIMAT000073 2	[3]	Genes involved in Circadian Clock
<b>SNORD44</b>			endogenous control, snoRNA	
<b>SNORD66</b>			endogenous control, snoRNA	
<b>hsa-miR-190a-5p</b>	UGAUAUGUUUGAUUAUUAG GU	MIMAT000045 8	miRNA used as endogenous control	Genes involved in Regulatory RNA pathways
<b>hsa-miR-361-3p</b>	UCCCCAGGUGUGAUUCUGA UUU	MIMAT000468 2	miRNA used as endogenous control	/
<b>hsa-miR-484</b>	UCAGGCUCAGUCCCCUCCG AU	MIMAT000217 4	miRNA used as endogenous control	/