

Supplementary

Table S1 Differential expressed miRNAs reported in at least 3 expression profiling studies (up: n=60, down: n=41)

miRNA		Accession number	Mature sequence (5'→3')	Studies [suppl. ref. (23,39-58)]	Expression
Name	Symbol	(miRBase)			
hsa-miR-20a-5p	miR-20a	MIMAT0000075	uaaagugcuuaagugcagguag	12 (39,40,42-45,47,49,54-57)	Up
hsa-miR-31-5p	miR-31	MIMAT0000089	aggcaagugcuggcauagcu	12 (39,40,42,43,46-49,51,53,54,57)	Up
hsa-miR-183-5p	miR-183	MIMAT0000261	uauggcacugguagaauucacu	12 (39-43,46-49,51,54,57)	Up
hsa-miR-182-5p	miR-182	MIMAT0000259	uuuggcaugguagaacucacacu	12 (39-43,46-49,51,54)	Up
has-miR-21-5p	miR-21	MIMAT0000076	uagcuuaucagacugauguuga	11 (39,40,43,45-47,49,51,54,55,57)	Up
hsa-miR-17-5p	miR-17	MIMAT0000070	caaagugcuuacagugcagguag	10 (39,40,42,43,45,47,49,51,54,55)	Up
hsa-miR-224-5p	miR-224	MIMAT0000281	caagucacugugguuccguu	9 (39,40,42,44,46,49,51,56,57)	Up
hsa-miR-106a-5p	miR-106a	MIMAT0000103	aaaagugcuuacagugcagguag	9 (39,40,43,47,49,51,55-57)	Up
hsa-miR-19a-3p	miR-19a	MIMAT0004490	aguuuugcauaguugcacuaca	9 (39,40,43,45,47,49,51,54,57)	Up
hsa-miR-92a-3p	miR-92a	MIMAT0000092	uaugcacuuguccggccugu	8 (40,42,45,47,51,55-57)	Up
hsa-miR-96-5p	miR-96	MIMAT0000095	uuuggcacuagcacaauuuugcu	8 (39,40,43,44,46,47,50,57)	Up
hsa-miR-203a-3p	miR-203a	MIMAT0000264	gugaaauguuagggaccacuag	8 (39,40,43-45,49,55,57)	Up
hsa-miR-135b-5p	miR-135b	MIMAT0000758	uauggcuuucauuccuauuguga	8 (43,46,47,50,52,53,56,57)	Up
hsa-miR-18a-5p	miR-18a	MIMAT0000072	uaaggugcaucuaugcagauag	8 (39,42,43,46,48,49,51,56)	Up
hsa-miR-93-5p	miR-93	MIMAT0000093	caaagugcuuucgugcagguag	7 (39,41,43,47,48,54,55)	Up
hsa-miR-95-3p	miR-95	MIMAT0026473	ucaauaaaugucuguguauu	7 (39,40,42,53,55-57)	Up
hsa-miR-106b-5p	miR-106b	MIMAT0000680	uaaagugcugacagucagau	7 (39,41,45,47,48,55,56)	Up
hsa-miR-522-3p	miR-522	MIMAT0002868	aaaugguuccuuuagagugu	6 (43,44,47,48-50)	Up
hsa-miR-1246	miR-1246	MIMAT0005898	aauggauuuuuggagcagg	6 (44,45,48,49,51,53)	Up
hsa-miR-130b-3p	miR-130b	MIMAT0000691	cagugcaugaagaaaggcgu	6 (39,40,46,48,51,54)	Up
hsa-miR-148a-3p	miR-148a	MIMAT0000243	ucagugcacuacagaacuuugu	6 (23,40,43,44,54,57)	Up
hsa-miR-18b-5p	miR-18b	MIMAT0001412	uaaggugcaucuaugcaguuag	6 (41,42,47-49,51)	Up
hsa-miR-17-3p	miR-17*	MIMAT0000071	acugcagugaggcagcuuguag	5 (40,43,47,49,57)	Up
hsa-miR-183-3p	miR-183*	MIMAT0004560	gugaauuaccgaaggccauaa	5 (44,45,47,52,53)	Up
hsa-miR-221-3p	miR-221	MIMAT0000278	agcuacauugucugcugguuuc	5 (23,40,45,54,56)	Up
hsa-miR-503-5p	miR-503	MIMAT0002874	uagcagcggaacaguuucgag	5 (44,46,48,49,51)	Up
hsa-miR-181b-5p	miR-181b	MIMAT0000257	aacauuauugcugcggugggu	5 (39,40,45,55,57)	Up
hsa-miR-34a-5p	miR-34a	MIMAT0000255	uggcagugcuuagcugguugu	5 (39-41,55,57)	Up
hsa-miR-15a-5p	miR-15a	MIMAT0000068	uagcagcacauaugguuugug	5 (23,40,43,54,57)	Up
has-miR-21-3p	miR-21*	MIMAT0004494	caacaccagugcaggcugcu	4 (44,48,49,51)	Up
hsa-miR-25-3p	miR-25	MIMAT0000081	cauugcacuugucgggucuga	4 (39,40,43,49)	Up
hsa-miR-210-3p	miR-210	MIMAT0000267	cugugcugugacagcgccuga	4 (40,48,55,57)	Up
hsa-miR-223-3p	miR-223	MIMAT0000280	ugucaguuuugcaauacccca	4 (43,47,55,56)	Up
hsa-miR-429	miR-429	MIMAT0001536	uaauacugucuguaaacccgu	4 (44,45,49,51)	Up
hsa-miR-584-5p	miR-584	MIMAT0003249	uuugguuuuccgaggacugag	4 (46-48,50)	Up
hsa-miR-1247-5p	miR-1247	MIMAT0005899	acccgucccuuguccccgga	4 (41,44,50,53)	Up
hsa-miR-29a-3p	miR-29a	MIMAT0000086	uagcaccuucgaaucgguuua	4 (39,40,42,57)	Up
hsa-miR-338-3p	miR-338	MIMAT0000763	uccagcaucagugauuuugug	4 (23,40,44,55)	Up
hsa-miR-135a-5p	miR-135a	MIMAT0000428	uauggcuuuuauuccuauuguga	4 (23,40,55,57)	Up
hsa-miR-7-5p	miR-7	MIMAT0000252	uggaagacuagugauuuuguugu	3 (42,43,50)	Up
hsa-miR-20b-5p	miR-20b	MIMAT0001413	caaagugcucauagucagguag	3 (23,45,49)	Up
hsa-miR-98-5p	miR-98	MIMAT0000096	ugagguaaguuguuuuuuguu	3 (40,43,54)	Up
hsa-miR-105-5p	miR-105	MIMAT0000096	ugagguaaguuguuuuuuguu	3 (40,44,50)	Up
hsa-miR-128-3p	miR-128	MIMAT0000424	ucacagugaaccggucucuuu	3 (23,40,48)	Up
hsa-miR-182-3p	miR-182	MIMAT0000260	ugguucugacuugccaacua	3 (40,53,57)	Up
hsa-miR-185-5p	miR-185	MIMAT0000455	uggagagaaggcaguuuccuga	3 (23,47,55)	Up
has-miR-198	miR-198	MIMAT0000228	gguccagaggagauaggguuc	3 (44,47,53)	Up
hsa-miR-222-3p	miR-222	MIMAT0000279	agcuacauugcucuggggu	3 (40,55,56)	Up
hsa-miR-320a	miR-320a	MIMAT0000510	aaaagcuggguagagggcgga	3 (23,40,47)	Up
hsa-miR-339-5p	miR-339	MIMAT0000764	ucccugucccaggagcucacg	3 (40,43,51)	Up
hsa-miR-346	miR-346	MIMAT0000773	ugucugcccgcaugccuccucu	3 (47,53,55)	Up
has-mir-421	mir-421	MIMAT0003339	aucaacagacauuuuuggcgcc	3 (43,48,49)	Up
hsa-miR-424-3p	miR-424	MIMAT0004749	caaaacgugaggcugcuau	3 (41,44,49)	Up
hsa-miR-452-5p	miR-452	MIMAT0001635	aacuguuugcagaggaaacuga	3 (43,46,47)	Up
hsa-miR-645	miR-645	MIMAT0003315	ucuaaggcuguaucugcuga	3 (23,47,53)	Up
hsa-miR-663b	miR-663b	MIMAT0005867	gguggcccgccgugccugagg	3 (44,48,53)	Up
has-miR-142-3p	miR-142*	MIMAT0000434	uguaguguuuuccuauuuuugga	3 (40,42,54)	Up
hsa-miR-19b-3p	miR-19b	MIMAT0000074	ugugcaaaucagcaaaacuga	3 (39,51,54)	Up
hsa-miR-29b-3p	miR-29b	MIMAT0000100	uagcaccuuuuuuaaaccaguuu	3 (39,43,57)	Up
hsa-miR-196b-5p	miR-196b	MIMAT0001080	uagguaguuuucuguuuggg	3 (42,43,51)	Up
hsa-miR-145-5p	miR-145	MIMAT0000437	guccaguuuuuccaggaaucccu	14 (39,40,42,43,45-47,49-53,57,58)	Down
hsa-miR-139-5p	miR-139	MIMAT0000250	ucucagugcagcugucuccagu	13 (39,40,43,44,46,48-54,57)	Down
hsa-miR-195-5p	miR-195	MIMAT0000461	uagcagcacagaaauuuggc	11 (39,40,44,46-53)	Down
hsa-miR-215-5p	miR-215	MIMAT0000272	augaccuauaauugacagac	10 (44-49,52,54,55,58)	Down
hsa-miR-378a-5p	miR-378a	MIMAT0000731	cuccugacuccagguccugugu	9 (43,44,46,47,49-53)	Down
hsa-miR-422a	miR-422a	MIMAT0001339	acuggacuauaggucagaaggc	9 (39,44,46,48-52,54)	Down
hsa-miR-143-3p	miR-143	MIMAT0000435	ugagaugaagcacuugacuc	8 (39,42,47,49,51-53,21)	Down
hsa-miR-30a-5p	miR-30a	MIMAT0000087	uguuaaacucccagacuggaag	8 (39,44,46-49,53,21)	Down
hsa-miR-30a-3p	miR-30a*	MIMAT0000088	cuuucagucggaguuuugcagc	8 (39,40,44,49,52,53,55,57)	Down
hsa-miR-1-3p	miR-1	MIMAT0000416	uggaauguaaagaaguauuguau	7 (39,46,47,50,53-55)	Down
hsa-miR-149-5p	miR-149	MIMAT0000450	ucuggcuccgugcuucacuccc	7 (40,44,49,51,53,54,57)	Down
hsa-miR-138-5p	miR-138	MIMAT0000430	agcuggguguguaucaggccg	7 (44,46,47,49,51-53)	Down
has-miR-342-3p	miR-342	MIMAT0000753	ucucacagaaucgcaccgcu	7 (44,47,49,51-53,55)	Down
hsa-miR-100-5p	miR-100	MIMAT0000098	aaaccgugauuccgaacuugug	6 (47-49,52,53,57)	Down
hsa-miR-150-5p	miR-150	MIMAT0000451	ucucccaaccuugaccagug	6 (41,43,44,47-49)	Down
hsa-miR-497-5p	miR-497	MIMAT0002820	cagcagcacacuguguuugu	6 (42,44,46,48,49,53)	Down
hsa-miR-10b-5p	miR-10b	MIMAT0000254	uaccuguaagaccgaauuugug	6 (39,44,47,49,51,53)	Down
hsa-miR-125a-5p	miR-125a	MIMAT0000443	ucccugagaccuuuaaccuguga	6 (39,41,43,47,49,58)	Down
hsa-miR-30c-5p	miR-30c	MIMAT0000244	uguuaaacuuccuacacucagc	6 (39,47,51-53,57)	Down
hsa-miR-133a-3p	miR-133a	MIMAT0000427	uuuggucccuuaaccagcug	6 (39,47,49,53,54,57)	Down
hsa-miR-375	miR-375	MIMAT0000728	uuuugucugcggucguguga	5 (43,47,49,52,54)	Down
hsa-miR-125b-5p	miR-125b	MIMAT0000423	ucccugagaccuuaacuuguga	5 (39,43,47,53,58)	Down
hsa-miR-133b	miR-133b	MIMAT0000770	uuuggucccuuaaccagcua	5 (23,43,47,53,57)	Down
hsa-miR-99a-5p	miR-99a	MIMAT0000097	aaaccgugauccgaacuugug	5 (44,49,51-53)	Down
hsa-miR-124-3p	miR-124	MIMAT0000422	uaaggcagcggugaaugcc	4 (44,47,53,57)	Down
hsa-miR-137	miR-137	MIMAT0000429	uuuuugcuuaagaauacgcuag	4 (46,53,57,58)	Down
hsa-miR-186-5p	miR-186	MIMAT0000456	caaagaauuccuuuuugggcu	4 (41,47,52,53)	Down
hsa-miR-147b	miR-147b	MIMAT0004928	gugugcggaaaugcuucugcua	4 (43,46,47,53)	Down
hsa-miR-26a-5p	miR-26a	MIMAT0000082	uucagaauaccaggauaggcu	4 (47,52,53,58)	Down
hsa-miR-29c-3p	miR-29c	MIMAT0000681	uagcaccuuuugaauccguua	4 (43,45,47,53)	Down
has-miR-140-3p	miR-140*	MIMAT0004597	uaccacaggguagaaccagg	4 (44,49,51,53)	Down
has-miR-28-3p	miR-28	MIMAT0004502	cacuagauugugagcuccgga	4 (44,49,51,54)	Down
hsa-miR-486-5p	miR-486	MIMAT0002177	uccugacuagcugccccgag	4 (50-53)	Down
hsa-miR-204-5p	miR-204	MIMAT0000265	uuuccuuugcauccuauugccu	4 (53,54,57,58)	Down
hsa-miR-454-5p	miR-454	MIMAT0003884	accuaucaauauugucucugc	3 (23,48,53)	Down
hsa-miR-101-3p	miR-101	MIMAT0000099	uacaguacuguaauaacugaa	3 (47,52,53)	Down
hsa-miR-192-5p	miR-192	MIMAT0000222	cugaccuauaauugacagcc	3 (47,52,55)	Down
hsa-miR-383-5p	miR-383	MIMAT0000738	agaucagaaggugauugggcu	3 (44,50,53)	Down
hsa-miR-585-3p	miR-585	MIMAT0003250	ugggcuauucguugcua	3 (46,48,53)	Down
hsa-miR-141-3p	miR-141	MIMAT0000432	uaacacugucgguaaagaugg	3 (23,47,53)	Down
hsa-miR-187-3p	miR-187	MIMAT0000262	ucgugcuuugugcagcgg	3 (47,53,57)	Down

Suppl. ref., supplementary reference.

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