

Table S1: List of microRNAs present in the TLDA array v1.0 that were used in this study.

Generated from AIF v5, 01/05/2007

Note: For controls, the miRBase names, accessions, and aliases come from NCBI.

Part	AB Assay	Target Sequence	Assay Name	miRBase ID	miRBase Accession	miRBase Alias	Homo sapiens	Mus musculus	Rattus norvegicus	Arabidopsis thaliana	Caenorhabditis elegans	Drosophila melanogaster
Number	ID			s								
4373169	000377	UGAGGUAGUAGGUUGUUAAGUU	hsa-let-7a	bta-let-7a::cbc-let-7::	MIMAT0000 gga-let-7a(5.0)::gga-le		+		+			+
4373168	000378	UGAGGUAGUAGGUUGUUGGUU	hsa-let-7b	dre-let-7b::fru-let-7b	MIMAT0000063::MIMAT0000522::M		+	+	+			
4373167	000379	UGAGGUAGUAGGUUGUAGGUU	hsa-let-7c	dre-let-7c::gga-let-7c	MIMAT0000064::MIMAT0000523::M		+	+	+			
4373166	000380	UGAGGUAGUAGGUUGUCAAGU	hsa-let-7d	hsa-let-7d::mdo-let-7	MIMAT0000065::MIMAT0000383::M		+	+	+			
4373165	000381	UGAGGUAGGAGGUUGUAJAGU	hsa-let-7e	hsa-let-7e::mmu-let-	MIMAT0000066::MIMAT0000524::M		+	+	+			
4373163	000383	UGAGGUAGUAGGUUGUACAGU	hsa-let-7g	gga-let-7g::hsa-let-7g	MIMAT0000121::MIMAT0000414::M		+	+				
4373153	000387	UACCCGUAGAACCGGAUUCGGU	hsa-miR-10a	aqe-miR-10a::bta-n	MIMAT0000 dre-miR-10a(6.0)		+	+	+			
4373152	000388	UACCCGUAGAACCGGAUUCGGU	hsa-miR-10b	gga-miR-10b::ggo-rr	MIMAT0000 dre-miR-10b(6.0)::mo-n		+					
4373120	000392	ACUGACAGUGAAGGCACUJGU	hsa-miR-17-3p	äge-miR-17-3p::bta-	MIMAT000071::MIMAT0001115::M		+					
4373119	000393	CAAAGUCGUACAGUGCAGGUAGU	hsa-miR-17p	äge-miR-17-5p::bta-	MIMAT000070::MIMAT0000649::M		+	+	+			
4373118	000394	AAUGGCUACAUAGUGCAGAGUA	hsa-miR-18a	äge-miR-18::bta-mif	MIMAT000 hsa-miR-18(6.0)		+	+	+			
4373099	000395	UGUCGAAUCAUCAUGAACACUGA	hsa-miR-19a	äge-miR-19a::dre-mi	MIMAT000073::MIMAT0000651::M		+	+	+			
4373098	000396	UGUCGAAUCAUCAUGAACACUGA	hsa-miR-19b	äge-miR-19b::dre-mi	MIMAT000074::MIMAT0000513::M		+	+	+			
4373090	000397	UGACUUAUCAGCAGUAGUUGA	hsa-miR-21	äge-miR-21::gga-mil	MIMAT000076::MIMAT0000530::M		+	+	+			
4373072	000402	UGGCACAGUAGCAGGAAACG	hsa-miR-24	bta-miR-24::dre-mi	MIMAT000080::MIMAT0000219::M		+	+	+			
4373278	000425	UGGCAGCAGUUCUAGCGGUUGU	hsa-miR-34a	gga-miR-34a::hsa-nr	MIMAT0000 dre-miR-34a(6.0)		+	+	+			
4373037	000427	UAGGCAGUGUCAUAGCGGUAGU	hsa-miR-34b	hsa-miR-34b	MIMAT0000685		+					
4373036	000428	AGGCAGUGUAGUAGCGGUAGU	hsa-miR-34c	gga-miR-34c::hsa-nr	MIMAT0000381::MIMAT0000686::M		+	+	+			
4373013	000430	UAUUGCACUUGGCCGCGCCUG	hsa-miR-92	gga-miR-92::hsa-mil	MIMAT000092::MIMAT0000539::M		+	+	+			
4373012	000432	AAUGGCUGUJUGCGUGCAGGU	hsa-miR-93	äge-miR-93::ggo-mil	MIMAT000093::MIMAT0002759::M		+					
4373154	000443	AGCACGAAUCAUCAGGCCUAUCA	hsa-miR-107	dre-miR-107::fru-mif	MIMAT0000104::MIMAT0000647::M		+	+	+			
4373137	000463	UAACACUGUCUGGUAAAAGAUGG	hsa-miR-141	hsa-miR-141::mmu-i	MIMAT0000153::MIMAT0000432::M		+	+	+			
4373136	000464	UUGAGGUUUUCUACUUAUUGGA	hsa-miR-142-3p	dre-miR-142-3p::bta-mi	MIMAT0000 gga-miR-142-3p(8.1)		+					
4373135	000465	CAUAAGGUAAGAACGACUAC	hsa-miR-142-5p	bta-miR-142::hsa-mil	MIMAT0000 gga-miR-142-5p(8.1)		+	+	+			
4373132	000468	UAGAGACUAGUACUAGGUUGG	hsa-miR-146a	gga-miR-146a::hsa-i	MIMAT0000 gga-miR-146(7.1)::hsa-r		+	+	+			
4373124	000479	UUAUUCUAAUCGUUGUAGGGG	hsa-miR-155	dre-miR-155::gga-m	MIMAT0000646::MIMAT0001106::M		+					
4373115	000482	ACAUUCAUACCUCGUUGUAGAGU	hsa-miR-181c	ggo-miR-181c::hsa-i	MIMAT0000258::MIMAT0000674::M		+	+	+			
4373109	000490	CAACGGAAUCAAAAGCAGCU	hsa-miR-191	hsa-miR-191::mdo-h	MIMAT0000221::MIMAT0000440::M		+					
4373096	000505	UAUAUCAGCUGGGGAAUCAGUGG	hsa-miR-200c	hsa-miR-200::mdo	MIMAT0000617::MIMAT0000657::M		+	+	+			
4373084	000518	AUGACCUAUAUAGAACAGAC	hsa-miR-215	gga-miR-215::ggo-mil	MIMAT0000272::MIMAT0001134::M		+					
4373081	000521	UUGGCUJUJUACUACCAUAGU	hsa-miR-218	äge-miR-218::bta-mi	MIMAT0000 qga-miR-218-1(5.0)::g		+	+	+			
4373077	000524	AGCUACAUUUCUGUCUGGGUUUC	hsa-miR-221	dre-miR-221::fru-mif	MIMAT0000278::MIMAT0000890::M		+	+	+			
4373075	000526	UGUCAGUUUACGUACUAAACCC	hsa-miR-223	dre-miR-223::fru-mif	MIMAT0000280::MIMAT0000665::M		+	+	+			
4373064	000528	CAGUGCAUAGUAGUAGUAAAGC	hsa-miR-301	hsa-miR-301::mmu-i	MIMAT0000379::MIMAT0000688::M		+	+	+			
4373039	000552	UGUCGACUCCGUAGUAGCCGG	hsa-miR-345	hsa-miR-345	MIMAT0000772		+					
4373029	000560	AAAGUCGUUCGGACAUUAGGG	hsa-miR-372	hsa-miR-372	MIMAT0000724		+					
4373027	000564	UUUJUGGUUGUUCGGGUAGUGG	hsa-miR-375	hsa-miR-375::mmu-i	MIMAT0000728::MIMAT0000739		+	+	+			
4373024	000567	CCUCGACUCCAGGUCCGGUGA	hsa-miR-378	hsa-miR-378::mmu-i	MIMAT0000731::MIMAT0000742::M		+					
4373286	000580	UAAAGUCGUUAUAGUGCAGGUAG	hsa-miR-20a	bta-miR-20a::dre-mi	MIMAT0000 qga-miR-20(5.1)::hsa-m		+	+	+			
4373285	000583	UCUUGGUUUAUACUGCUUGUAGA	hsa-miR-9	aga-miR-9::age-mil	MIMAT0000 mmu-miR-9(5.0)		+	+	+			
4373174	000593	UAUUGCACUAGAACAGCCGUAG	hsa-miR-137	gga-miR-137::hsa-mil	MIMAT0000 mmu-miR-137(5.0)		+					+ .
4373273	001011	CAUCUACCCGAGCAGUGCGUG	hsa-miR-200a#	hsa-miR-200a*	MIMAT0001620		+					
4373263	001014	CAAAUGGUACUAGUGCAGGUAG	hsa-miR-20b	gga-miR-20b::hsa-mr	MIMAT0001348::MIMAT0001411::M		+					
4373178	001097	UGAGAACUAGAAUUCGUAGGU	hsa-miR-146b	hsa-miR-146b::mmu	MIMAT0002809::MIMAT0003475		+	+	+			
4373116	001098	AAACAUUCAUUCGUUCGGGGUGG	hsa-miR-181b	dre-miR-181b::fru-mif	MIMAT0000257::MIMAT0000673::M		+	+	+			
4373180	001099	AAUCAUCAUUGUUCGGGGGGUU	hsa-miR-181d	hsa-miR-181d	MIMAT0002821		+					
4373161	000385	UGGAUAGUAAAAGAAGUAUGUA	hsa-miR-1	cbr-miR-1::cel-miR-1	MIMAT0000 qga-miR-1(7.1)::gga-mif		+	+	+			+ .
4373070	000404	UUCAGUAAUCCAGGAGUAGGC	hsa-miR-26a	gga-miR-26a::hsa-mr	MIMAT0000082::MIMAT0000533::M		+	+	+			
4373069	000406	UUCAGUAAUUCAGGAGUAGGU	hsa-miR-26b	bta-miR-26b::hsa-mi	MIMAT0000083::MIMAT0000534::M		+	+	+			
4373287	000408	UUCACAGUGGUACUAGGUCCG	hsa-miR-27a	hsa-miR-27a::mdo-n	MIMAT0000084::MIMAT0000537::M		+	+	+			
4373068	000409	UUCACAGUGGUACUAGGUCCG	hsa-miR-27b	bta-miR-27b::gga-m	MIMAT0000216::MIMAT0000419::M		+	+	+			
4373158	000439	AGCACGAAUCGUACAGGCCUA	hsa-miR-103	äge-miR-103::bta-mi	MIMAT0000 qga-miR-103-1(5.0)::g		+	+	+			
4373149	000448	UCCUGAGAGGCCUUUACAGGU	hsa-miR-125a	hsa-miR-125a::hsa-n	MIMAT0000135::MIMAT0000443::M		+	+	+			
4373148	000449	UCCUGAGAGGCCUUUACAGGU	hsa-miR-125b	aga-miR-125::age-r	MIMAT0000136::MIMAT0000397::M		+	+	+			+ .
4373126	000474	UACAGUGCAUAGCAGAACGU	hsa-miR-152	hsa-miR-152::mdo-n	MIMAT0000162::MIMAT0000438::M		+	+	+			
4373114	000484	UAUAGGUACUAGGUAGAAUCAC	hsa-miR-183	dre-miR-183::fru-mif	MIMAT0000212::MIMAT0000261::M		+	+	+			
4373089	000512	CUGUGGGUGUACAGCGGGCG	hsa-miR-210	hsa-miR-210::mmu	MIMAT0000267::MIMAT0000658::M		+	+	+			
4373076	000525	AGCUACAUCCUGGUACUUGGUC	hsa-miR-222	äge-miR-222::dre-mi	MIMAT0000279::MIMAT0000670::M		+	+	+			
4373066	000527	AGGGCCCCCCCACUACUUCGU	hsa-miR-296	hsa-miR-296::mmu-i	MIMAT0000374::MIMAT0000690::M		+	+	+			
4373275	000530	UAACCGUAGGUACUUCGUUCU	hsa-miR-302a#	hsa-miR-302a*	MIMAT0000683		+					
4373277	000534	UAUACAUAGGGGGGUACUGCG	hsa-miR-302c#	hsa-miR-302c*	MIMAT0000716		+					
4373063	000535	UAUAGGUCCUACGUAGUAGGU	hsa-miR-302d	hsa-miR-302d	MIMAT0000 mmu-miR-302d(8.1)		+					
4373052	000539	CGCAUCGUUCAAGGGCAUUGGU	hsa-miR-324-5p	hsa-miR-324-5p::rr	MIMAT0000 mmu-miR-324-5p(5.0)		+					
4373034	000555	AAUJGACAUAGCAACGUAGGUA	hsa-miR-367	hsa-miR-367	MIMAT0000719		+					
4373015	000576	AGCCGGUCUGUCAGGCCUCAG	hsa-miR-423	hsa-miR-423::mmu	MIMAT00001340::MIMAT0003454		+	+	+			
4373053	000579	CCACUGCCCAAGGGUGCUCUG	hsa-miR-324-3p	hsa-miR-324-3p::mm	MIMAT0000554::MIMAT0000556::M		+	+	+			
4373195	001021	AAUAGCAGCCGUAGUUAUACUCG	hsa-miR-369-5p	hsa-miR-369-5p	MIMAT0001621		+					
4373207	001030	UGGCAGGUAGUAGUAGGGGU	hsa-miR-449	cfa-miR-449::hsa-mr	MIMAT0001541::MIMAT0001542::M		+	+	+			
4373222	001043	CAGCAGCACUAGGUUGGUUGU	hsa-miR-497	hsa-miR-497	MIMAT0002820		+					
4373226	001047	AAUCUUCUUGCCUGGUAGAGA	hsa-miR-501	hsa-miR-501	MIMAT0002872		+					
4373234	001053	UGAUGGUACGUACUUGGGUAGA	hsa-miR-509	hsa-miR-509	MIMAT0002881		+					
4373236	001111	GUGUCUUCUUCGUACGUACUCA	hsa-miR-511	hsa-miR-511	MIMAT0002808		+					
4373242	001112	UUCUCCAAAAGAACGUACUUCU	hsa-miR-515-5p	hsa-miR-515-5p	MIMAT0002826		+					
4373252	001116	AAAGUGCUUCCUUUAGAGGGU	hsa-miR-520b	hsa-miR-520b	MIMAT0002843		+					
4373253	001117	AAAGUGCUUCCUUUAGAGGGU	hsa-miR-520c	hsa-miR-520c	MIMAT0002846		+					
4373254	001118	AAAGUGCUUCCUUUAGAGGGU	hsa-miR-520d	hsa-miR-520d	MIMAT0002856		+					
4373255	001119	AAAGUGCUUCCUUUAGAGGGU	hsa-miR-520e	hsa-miR-520e	MIMAT0002825		+					
4373256	001120	AAAGUGCUUCCUUUAGAGGGU	hsa-miR-520f	hsa-miR-520f	MIMAT0002830		+					
4373257	001121	AAACAGGUACUCCUUUAGAGGGU	hsa-miR-520g	hsa-miR-520g	MIMAT0002858		+					
4373258	001124	AAACAGGUACUCCUUUAGAGGGU	hsa-miR-518a	hsa-miR-518a	MIMAT0002863		+					
4373246	001156	CAAGGGCUUCCUUUAGAGGGU	hsa-miR-518b	hsa-miR-518b	MIMAT0002844		+					
4373247	001157	CAAGGGCUUCCUUUAGAGGGU	hsa-miR-518c	hsa-miR-518c	MIMAT0002848		+					
4373241	001148	GAGUCCUUCCUUUAGAGGGU	hsa-miR-515-3p	hsa-miR-515-3p	MIMAT0002827		+		</			

4373059	000420	UGUAACAAUCCCCAGCUGGAAG	hsa-miR-30d	dre-miR-30d::fru-mif MIMAT0000245::MIMAT0000515::M	+	+	+
4373057	000422	CUUUCAGUCGGGAUGUUUACAGC	hsa-miR-30e-3p	hsa-miR-30e-3p MIMAT0000693	+	+	
4373011	000433	UUCAACGGGUAAUUAUJAGCA	hsa-miR-95	ggo-miR-95::hsa-mil MIMAT0000094::MIMAT0002142::M	+	+	
4373160	000437	AACCCGUAGAUCCGAACUUGUG	hsa-miR-100	aga-miR-100::age-r MIMAT0000098::MIMAT0000655::M	+	+	+
4373159	000438	UACAGUACUGUGAUAAACUGAAG	hsa-miR-101	age-miR-101::age-r MIMAT0000098::MIMAT0000655::M	+	+	+
4373269	000451	CAUUAUACCUUUUUGGUACGCG	hsa-miR-126#	dre-miR-126#:gga-n MIMAT0000 mmu-miR-126*(5.0)	+	+	+
4373147	000452	UCGGAUCCGUCUGACCUUGGU	hsa-miR-127	age-miR-127::bta-m MIMAT0000 mmu-miR-127(5.0)	+	+	+
4373143	000457	UCAGCAUCAGCAGCAUGGU	hsa-miR-132	bta-miR-132::dre-mi MIMAT0000144::MIMAT0000426::M	+	+	+
4373142	000458	UUAGGUCCCCUUCACACCGCUGU	hsa-miR-133a	aga-miR-133::age-r MIMAT0000 mmu-miR-133(3.0)	+	+	+
4373140	000460	UAUGGUUUUUAUCCUAUGUGA	hsa-miR-135a	age-miR-135::dre-mi MIMAT0000 gga-miR-135a-1(5.0)::q	+	+	+
4373139	000461	UAUGGUUUUUAUCCUAUGUG	hsa-miR-135b	hsa-miR-135b::mdo MIMAT0000611::MIMAT0000612::M	+	+	+
4373130	000470	CAUCAGCACUACAGAACUUGU	hsa-miR-148a	bta-miR-148a::gga-n MIMAT0000 hsa-miR-148(3.0)	+	+	
4373129	000471	UCAGGUCAUCAGAACUUGU	hsa-miR-148b	bta-miR-148b::hsa-n MIMAT0000579::MIMAT0000580::M	+	+	+
4373113	000485	UGGACGGAGAACGUAGAAGGGU	hsa-miR-184	gaa-miR-184::hsa-r MIMAT0000213::MIMAT0000454::M	+	+	
4373108	000491	CUGACAUAGUAUJAGCAGCC	hsa-miR-192	hsa-miR-192::rno-mi MIMAT0000222::MIMAT0000867	+	+	
4373106	000493	UGUAACAGCAACUCAUGUGGA	hsa-miR-194	age-miR-194::gga-r MIMAT0000224::MIMAT0000460::M	+	+	+
4373095	000507	GUGAAAGGUUUAAGGACCACUAG	hsa-miR-203	hsa-miR-203::rno-mi MIMAT0000264::MIMAT0000876	+	+	
4373094	000508	UCCCCUUUUGUACCUUAGGCCU	hsa-miR-204	dre-miR-204::fru-mif MIMAT0000 fru-miR-204(8.0)::gga-	+	+	
4373092	000510	GUGAAUGUAAGGAUGUGUGG	hsa-miR-206	dre-miR-206::gqa-m MIMAT0000239::MIMAT0000462::M	+	+	
4373088	000514	UCCCCUUUUGUACCUUJUCGGC	hsa-miR-211	hsa-miR-211::mne-n MIMAT0000268::MIMAT0002548::M	+	+	
4373083	000519	UAUCUCAGCUGGCAACUGUG	hsa-miR-216	gga-miR-216::ggo-r MIMAT0000 dre-miR-216(6.0)::mmu-	+	+	
4373082	000520	UACGCAUCAAGAACUGAUUGAU	hsa-miR-217	gga-miR-217::ggo-r MIMAT0000 dre-miR-217(6.0)	+	+	
4373047	000544	GCAACAGCACGGCCUGCAGAGA	hsa-miR-330	hsa-miR-330 MIMAT0000751	+	+	
4373045	000546	CAUAGGACAUAAACGAAAAGAU	hsa-miR-335	hsa-miR-335::mmu-i MIMAT0000575::MIMAT0000765::M	+	+	+
4373030	000559	GUGCCGCCAACUUJAGAGU	hsa-miR-371	hsa-miR-371 MIMAT0000723	+	+	
4373023	000568	UUGGAGACUAAUGGACCUA	hsa-miR-379	hsa-miR-379::rno-mi MIMAT0000733::MIMAT0003192	+	+	
4373020	000571	UAUACAAGGGCAAGCUCUCUG	hsa-miR-381	hsa-miR-381::mmu-i MIMAT0000738::MIMAT0000746	+	+	
4373018	000573	AGAUACAGAAGGUAGUAGGCU	hsa-miR-383	gga-miR-383::hsa-r MIMAT00003363::M	+	+	
4373101	000581	GUGGACAGGGGAGAAGUAG	hsa-miR-198	ggo-miR-198::hsa-r MIMAT0000228::MIMAT0002605::M	+	+	
4373172	000591	UUGGCCUCCUACCAAGCAGCU	hsa-miR-133b	gga-miR-133b::hsa-i MIMAT0000769::MIMAT00000770::M	+	+	+
4373187	000599	CAAGACUACAUJAGUGGUCCUU	hsa-miR-224	ggo-miR-224::hsa-r MIMAT0000281::MIMAT0002132::M	+	+	
4373188	000600	UGGUUACCUACACUACACUGCU	hsa-miR-299-5p	hsa-miR-299-5p::mn MIMAT0000 hsa-miR-299(6.0)	+	+	
4373290	000602	UGUAACAUCAACUACACUACUG	hsa-miR-30b	bta-miR-30b::dre-mi MIMAT0000130::MIMAT0000420::M	+	+	
4373197	001022	AGGUACACCGAGAACAUJUGCA	hsa-miR-409-5p	hsa-miR-409-5p MIMAT0001638	+	+	
4373205	001028	UCUUGGAGUAGGUACUUGGGUG	hsa-miR-432	hsa-miR-432::oar-mi MIMAT0001416::MIMAT0002814	+	+	
4373212	001036	AGAGGCUGGCCGUGAUGAAUJC	hsa-miR-433	hsa-miR-433::mmu-i MIMAT0001420::MIMAT0001627::M	+	+	
4373219	001041	UGAACACAUACACGGGAAACCUCU	hsa-miR-485-5p	hsa-miR-485-5p::mn MIMAT00002175::MIMAT0003128::M	+	+	
4373231	001050	AGAACGCCACCUUCUGAGUAGA	hsa-miR-494	hsa-miR-494 MIMAT0002816	+	+	
4373231	001050	AGAACGCCACCUUCUGAGUAGA	hsa-miR-506	hsa-miR-506 MIMAT0002878	+	+	
4373233	001052	UAUUGUAGUAGGUUJAGAGUAGA	hsa-miR-508	hsa-miR-508 MIMAT0002880	+	+	
4373190	001100	GCGAAGAUGCUGGCAUAGCUG	hsa-miR-31	ggo-miR-31::hsa-r MIMAT000089::MIMAT0002379::M	+	+	
4373214	001107	AGUGACAUCAJACAUJAGCAGC	hsa-miR-489	MIMAT0002805	+	+	
4373259	001122	AACGCCACUCCUUJAGAGU	hsa-miR-521	hsa-miR-521 MIMAT0002854	+	+	
4373014	000386	UGGAAGACUAGUAGUUUUJUGU	hsa-miR-7	gga-miR-7::hsa-r MIMAT0000 dre-miR-7(6.0)	+	+	
4373073	000400	AUCACAUJAGCCAGGGUAUACC	hsa-miR-23b	gga-miR-23b::hsa-i MIMAT0000125::MIMAT0000418::M	+	+	+
4373067	000411	AAGGACCCUACAGUACAUJUGAG	hsa-miR-23	age-miR-28::ggo-mil MIMAT000085::MIMAT0000653::M	+	+	
4373056	000423	UAUJAGACAUACAUJAGUAGUC	hsa-miR-32	gga-miR-32::ggo-mil MIMAT000090::MIMAT0000654::M	+	+	
4373141	000459	UGGACUGGUUGACAGGAGGG	hsa-miR-134	ggo-miR-134::hsa-r MIMAT0000 mmu-miR-134(5.0)	+	+	
4373131	000469	GUGUGGAAAAGUUCUUCUGC	hsa-miR-147	hsa-miR-147::rno-n MIMAT0000251::MIMAT0002474::M	+	+	
4373128	000472	UCUGGCCGUUGGUUCACUCC	hsa-miR-149	hsa-miR-149::mmu-i MIMAT0000159::MIMAT0000450	+	+	
4373125	000476	UUGCAUAGCACAAGAAGUGA	hsa-miR-153	gga-miR-153::ggo-r MIMAT0000 mmu-miR-153(5.0)	+	+	
4373112	000486	CAAGAAUUCUCCUUUJUGGCUU	hsa-miR-186	ggo-miR-186::hsa-r MIMAT0000215::MIMAT0000456::M	+	+	
4373111	000487	UCGUUCGUUGGUUGUJAGCCG	hsa-miR-187	ggo-miR-187::hsa-r MIMAT0000262::MIMAT0000864::M	+	+	
4373110	000489	UGAUJGUUJAGUAAUUAUAGGU	hsa-miR-190	dre-miR-190::fru-mif MIMAT0000220::MIMAT0000458::M	+	+	
4373107	000492	AACUGGCCUACAAAGGUCCAG	hsa-miR-193a	hsa-miR-193a::ndo MIMAT0000 hsa-miR-193(6.0)	+	+	
4373104	000495	UAGGUUJGUUUAUGGUUGUJG	hsa-miR-196a	gga-miR-196::ggo-r MIMAT0000 dre-miR-196a(6.0)::gga-	+	+	
4373103	000496	UAGGUUJGUUUCGUUGUJGU	hsa-miR-196b	hsa-miR-196b::ndo MIMAT00001080::MIMAT0001081::M	+	+	
4373102	000497	UUCACCAJCUUCUCCACCCAGC	hsa-miR-197	age-miR-197::hsa-r MIMAT0000227::MIMAT0002600::M	+	+	
4373093	000509	UCCUCCAUUJACCCAGGUUC	hsa-miR-205	age-miR-205::bta-m MIMAT0000238::MIMAT0000266::M	+	+	
4373091	000511	AUAAGACGAGCAAAGGUAGUG	hsa-miR-208	hsa-miR-208::mmu-i MIMAT0000241::MIMAT0000520::M	+	+	
4373086	000516	ACCAUCGACGGGUUJAGUACCU	hsa-miR-213	dre-miR-181a::fru-mif MIMAT0000213(8.0)::gqa-m	+	+	
4373085	000517	ACAGCAGGCCACAGACGGCG	hsa-miR-214	age-miR-214::dre-mi MIMAT0000271::MIMAT0000661::M	+	+	
4373078	000523	CCACACCUUJAGACUACUUU	hsa-miR-220	hsa-miR-220::ppa-m MIMAT0000227::MIMAT0002579::M	+	+	
4373055	000536	AAAAGCUGGUUGAGUAGAGGGC	hsa-miR-320	hsa-miR-320::mmu-i MIMAT0000510::MIMAT0000666::M	+	+	
4373051	000540	CCUAGUAGGUUGGUCCAGUAGUG	hsa-miR-325	hsa-miR-325 MIMAT0000771	+	+	
4373050	000542	CCUCUGGCCUUCUCCUCAG	hsa-miR-326	hsa-miR-326::ssc-m MIMAT0000756::MIMAT0002140	+	+	
4373049	000543	CUGGCCUCUCGUUGUUCUCCGU	hsa-miR-328	hsa-miR-328::mmu-i MIMAT0000564::MIMAT0000565::M	+	+	
4373046	000545	GCCCCGUUCGUUACUCCUAGAA	hsa-miR-331	hsa-miR-331::mmu-i MIMAT0000570::MIMAT0000571::M	+	+	
4373044	000547	UCCAGGUUJAGUAAUAGGUCCUU	hsa-miR-337	hsa-miR-337 MIMAT0000754	+	+	
4373042	000549	UCCUGGUUCGUCCAGGACUCA	hsa-miR-339	hsa-miR-339::mmu-i MIMAT0000583::MIMAT0000584::M	+	+	
4373041	000550	UCCGUCUCAGUACUJAGGUAG	hsa-miR-340	hsa-miR-340::mmu-i MIMAT0000585::MIMAT0000586::M	+	+	
4373040	000551	UCUCACAGAACAGGUACCCAGUC	hsa-miR-342	hsa-miR-342::mmu-i MIMAT0000589::MIMAT0000590::M	+	+	
4373035	000554	UAUACAGAACUCCAGGGUAC	hsa-miR-361	bsa-miR-361::hsa-r MIMAT0000703::MIMAT0000704::M	+	+	
4373028	000563	UAUAAUACAUACGUUAGGUAG	hsa-miR-374	hsa-miR-374 MIMAT0000727	+	+	
4373022	000569	UAUAAUAAUAGGUUCACAUUCU	hsa-miR-380-3p	hsa-miR-380-3p MIMAT0000735	+	+	
4373016	000575	CUGGACUUGGUAGUAGAACGGC	hsa-miR-422b	hsa-miR-422b::mmu MIMAT0000732::MIMAT0003151	+	+	
4373009	000577	UAGGUUJAGUAGGUAGUAGUGU	hsa-miR-98	age-miR-98::bta-mif MIMAT0000096::MIMAT0000545::M	+	+	
4373179	000596	ACAGACUAGGUAGGUCCUUGAG	hsa-miR-151	hsa-miR-151 MIMAT0000757	+	+	
4373271	000597	UUGGUCAUUGGUAGUACAUCA	hsa-miR-182	dre-miR-182::hsa-mi MIMAT0000211::MIMAT0000259::M	+	+	
4373200	000603	CUGGUACUAGGGUCAGAGGGC	hsa-miR-422a	hsa-miR-422a MIMAT0001339	+	+	
4373185	001010	AACUGGCCUCAAGGUCCGUUU	hsa-miR-193b	hsa-miR-193b MIMAT0002819	+	+	
4373194	001020	UAUAGGCCUACAAUACGUUACU	hsa-miR-365	cfa-miR-365::dre-mi MIMAT0000710::MIMAT0000711::M	+	+	+
4373203	001024	UAUACUCAGGUUGGUACAGGU	hsa-miR-429	hsa-miR-429 MIMAT0001536	+	+	
4373216	001038	AGUGGGAAUCGUUACGUUAGGAGA	hsa-miR-491	hsa-miR-491 MIMAT0002807	+	+	
4373221	001042	AUUAACAGGUACAUJAGGUAC	hsa-miR-496	hsa-miR-496 MIMAT0002818	+	+	
4373225	001046	AUGCCACGGGUAGGUAGGUAC	hsa-miR-500	hsa-miR-500 MIMAT0002871	+	+	
4373202	001104	AUCGGGUAGUAGUGUCCGCG	hsa-miR-425	hsa-miR-425-3p::mn MIMAT00001 hsa-miR-425(8.0)	+	+	
4373227	001109	AUCCUGGUACUACGGGUJGUCA	hsa-miR-502	hsa-miR-502 MIMAT00002873	+	+	
4373381	001093	CGAAGGAUGACACGCAAAUACGU	RNU6B	RNU6B NR_002752 U6 + + +	+	+	
4373164	000382	UGAGGUAGUAGUAGGUAGUAGU	hsa-let-7f	hsa-let-7f::dre-let-7f::MIMAT0000 mmu-let-7f(5.0)	+	+	
4373121	000391	UAGCAGCACGUAAAUAUJUGCG	hsa-miR-16	age-miR-16::ggo-mil MIMAT000069::MIMAT0000527::M	+	+	
4373079	000398	AAGCUCAGGUAGUAGAACUGU	hsa-miR-22	age-miR-22::hsa-mil MIMAT000077::MIMAT0000531::M	+	+	
4373074	000399	AUCACAUUGCCAGGGAUUUC	hsa-miR-23a	age-miR-23a::ggo-mil MIMAT000078::MIMAT0000532::M	+	+	
4373065	000412	UAGCAGCACGUAAAUAUJUGGU	hsa-miR-29a	hsa-miR-29a::mmu-i MIMAT000086::MIMAT0000535::M	+	+	
4373289	000415	UAGCAGGUUJAGUAGGUAGGU	hsa-miR-29c	gga-miR-29c::hsa-r MIMAT0000536::MIMAT0000681::M	+	+	
4373048	000424	GUCGUAGUAGGUAGUAGGUAG	hsa-miR-33	gga-miR-33::ggo-mil MIMAT000091::MIMAT0000667::M	+	+	
4373008	000435	AACCCGUAGUACGGGUACUUGUG	hsa-miR-99a	dre-miR-99::gga-mif MIMAT000097::MIMAT0000820::M	+	+	
4373007	000436	CACCGUAGUACCGGUACUUGCG	hsa-miR-99b	hsa-miR-99b::mmu-i MIMAT0000132::MIMAT0000689::M	+	+	
4373017	000441	UCAAAUCAGGUACACGUUACU	hsa-miR-105	ggo-miR-105::hsa-mil MIMAT0000102::MIMAT0002116::M	+	+	
4373155	000442	UAAGUGGUAGCAGGUAGGUAG	hsa-miR-106b	age-miR-106b::gqa-mil MIMAT0000366::MIMAT0000680::M	+	+	
4373151	000445	UGGAGGUAGUAGGUAGGUAGGU	hsa-miR-122a	gga-miR-122a::hsa-i MIMAT0000 qga-miR-122a-1(5.0)::q	+	+	
4373150	000446	UGAAGGCCACCGGUAGUAGGU	hsa-miR-124a	age-miR-124a::gqa-mil MIMAT0000 mmu-miR-124a(5.0)	+	+	

4373145	000454	CAGUGCAAUGUAAAAGGGCAU	hsa-miR-130a	dre-miR-130a::hsa-r MIMAT0000141::MIMAT0000425::M	+	+	+
4373144	000456	CAGUGCACAUAGAAGGGCAU	hsa-miR-130b	hsa-miR-130b::mmu MIMAT0000387::MIMAT0000691::M	+	+	+
4373138	000462	AGUGGUUUUACCCUAUGGUAG	hsa-miR-140	gga-miR-140::hsa-r MIMAT0000 mmu-miR-140(5.0)	+	+	+
4373134	000466	UGAGAUGAACGACUGUAGCUA	hsa-miR-143	ggo-miR-143::hsa-r MIMAT0000247::MIMAT0000435::M	+	+	+
4373133	000467	GUCCAGUUUCCAGGAUACCUU	hsa-miR-145	ggo-miR-145::hsa-r MIMAT0000157::MIMAT0000437::M	+	+	+
4378066	000483	UGGUUCUAGACGUUACCAUCUA	hsa-miR-182#	dre-miR-182#:fru-mi MIMAT0000260::MIMAT0001272::M	+	+	+
4378067	000488	GUGCCUACUGACGUUAUCAGU	hsa-miR-189	hsa-miR-189::mmu-n MIMAT0000079::MIMAT0000218::M	+	+	+
4373105	000494	UAGCACACAGAAUUAUGGC	hsa-miR-195	ggo-miR-195::hsa-r MIMAT0000225::MIMAT0000461::M	+	+	+
4378069	000502	UAACACUGCUGGUAAACGAUGU	hsa-miR-200a	dre-miR-200a::fru-m MIMAT0000519::MIMAT0000682::M	+	+	+
4378070	000529	UAAGUGCUUCCAUGUUJUGUGA	hsa-miR-302a	hsa-miR-302a::mmu MIMAT0000 hsa-miR-302(3.1)	+	+	+
4378071	000531	UAAGUGCUUCCAUGUUJUGUGA	hsa-miR-302b	gga-miR-302b::hsa-i MIMAT0000 mmu-miR-302b(8.1)	+	+	+
4373276	000532	ACUUUAAACAUAGGAAAGUCUUCU	hsa-miR-302b#	hsa-miR-302b# MIMAT0000714	+	+	+
4378072	000533	UAAGUCUCCUCAUGUUCAGUGG	hsa-miR-302c	gga-miR-302c::hsa-i MIMAT0000717::MIMAT0003359	+	+	+
4373032	000557	AUAUAACAUAGGUJUAGCUUU	hsa-miR-369-3p	bta-miR-369-3p::hsa MIMAT0000 hsa-miR-369(6.0)	+	+	+
4373026	000565	ALUAUAGAGGAAAACUACACCU	hsa-miR-376a	hsa-miR-376a MIMAT0000729	+	+	+
4373021	000570	UGGUUGACCAUAAGAACAGGGC	hsa-miR-380-5p	bta-miR-380-5p::hsa MIMAT0000734::MIMAT0000744::M	+	+	+
4378074	000584	UAAGUCUAGAUAAACGGAAGU	hsa-miR-9#	dre-miR-9#:hsa-miR MIMAT0000143::MIMAT0000442::M	+	+	+
4373170	000589	UACACAGGACCGGCUCCUUUC	hsa-miR-128b	hsa-miR-128b::mmu MIMAT0000675::MIMAT0000676::M	+	+	+
4373171	000590	CUUUUUCGGCUCUGGCCUUC	hsa-miR-129	hsa-miR-129::xtr-mil MIMAT0000242::MIMAT0003590	+	+	+
4373181	000598	UGGAGGAAAGGAGCUAG	hsa-miR-185	hsa-miR-185::mmu-i MIMAT0000214::MIMAT0000455::M	+	+	+
4373184	001009	UAAGGUGCAUCUAGUGCAGUUA	hsa-miR-18b	bta-miR-18b::gga-mi MIMAT0001141::MIMAT0001412::M	+	+	+
4378075	001012	AGAGGUAUAGGGCAUAGGGAAAA	hsa-miR-202	hsa-miR-202 MIMAT0002811	+	+	+
4373274	001013	UUCCUUAUGCAUAUACCUUUC	hsa-miR-202#	gga-miR-202#:hsa-r MIMAT0002810::MIMAT0003354	+	+	+
4373189	001015	UAUGGUGGAUGGUAAACGGCUU	hsa-miR-299-3p	hsa-miR-299-3p MIMAT0000687	+	+	+
4373199	001023	ACUUCACUCCGGUCCACUAGCCG	hsa-miR-412	hsa-miR-412#:mmu-i MIMAT0001094::MIMAT0002170::M	+	+	+
4378076	001027	CUGGAUGGCUCCUCAUGUCU	hsa-miR-432#	hsa-miR-432# MIMAT0002815	+	+	+
4373176	001096	UCUACAGUGCACGUGUCU	hsa-miR-139	hsa-miR-139::lla-mif MIMAT0000250::MIMAT0000656::M	+	+	+
4373191	001101	AACACAGGUUACCUUACCCUUU	hsa-miR-329	hsa-miR-329 MIMAT0001629	+	+	+
4373196	001102	AUCAUAGAGGAAAUAACCUAUGU	hsa-miR-376b	hsa-miR-376b MIMAT0002172	+	+	+
4373238	001145	CACUCGUUJUAGGGCACUUUC	hsa-miR-512-5p	MIMAT0002822	+	+	+
4378092	001273	AUACCUUJGGAUAGGGUGUGAGU	hsa-miR-362	hsa-miR-362 MIMAT0000705	+	+	+
4378093	001274	AUAUAACACAGAUGGCCUGU	hsa-miR-410	hsa-miR-410 MIMAT0002171	+	+	+
4373123	000369	UAGCAGCACAUAAAUGGUGUG	hsa-miR-15a	age-miR-15a::ggo-mi MIMAT0000 gga-miR-15a(8.1)	+	+	+
4373122	000390	UAGCAGCACAUAGGUUUA	hsa-miR-15b	age-miR-15b::bta-mi MIMAT0000124::MIMAT0000417::M	+	+	+
4373071	000403	CAUUCGACAUUGGUCUGUC	hsa-miR-25	bta-miR-25::dre-miR MIMAT0000081::MIMAT0000652::M	+	+	+
4373058	000421	UAGAACAUACCUUJGACUJG	hsa-miR-30e-5p	hsa-miR-30e-5p::mn MIMAT0000 qga-miR-30e(8.1)::hsa-r	+	+	+
4373010	000434	UUUGGCACUAGCACAUUUUUC	hsa-miR-96	ggo-miR-96::hsa-mil MIMAT0000095::MIMAT0002784::M	+	+	+
4373272	000498	CCCAGGUUCUAGCACUACGUUC	hsa-miR-199a	dre-miR-199::fru-mif MIMAT0000 dre-miR-199a(6.0)::gga	+	+	+
4378068	000499	ACAGAGUUCUAGCACAUUGGUU	hsa-miR-199a#	dre-miR-199#:hsa-n MIMAT0000230::MIMAT0000232::M	+	+	+
4373100	000500	CCCCAGGUUACAGGUACACUUCU	hsa-miR-199b	bta-miR-199b::hsa-n MIMAT0000263::MIMAT0003821::M	+	+	+
4373080	000522	UAAGUUGACCAACAGGCAUACUUC	hsa-miR-219	gga-miR-219::ggo-mi MIMAT0000 dre-miR-219(6.0)	+	+	+
4373054	000538	GCACACUACAGGGCACGACCU	hsa-miR-323	hsa-miR-323::mmu-i MIMAT0000550::MIMAT0000551::M	+	+	+
4373043	000548	UCCAGCACAGGUUUJGUUGUA	hsa-miR-338	hsa-miR-338::mdn-n MIMAT0000581::MIMAT0000582::M	+	+	+
4373033	000556	ACAUAGAGGAAAUAUCCACGUU	hsa-miR-368	hsa-miR-368 MIMAT0000720	+	+	+
4378073	000561	GAAGGUCUUCUGGUUUGGGUGU	hsa-miR-373	hsa-miR-373 MIMAT0000726	+	+	+
4373279	000562	ACUCAAAUAGGGGGCGCUUCC	hsa-miR-373#	hsa-miR-373# MIMAT0000725	+	+	+
4373072	000572	GAAGGUUUCUGGGUGGUAGUUC	hsa-miR-382	hsa-miR-382::mmu-i MIMAT0000737::MIMAT0000747	+	+	+
4373201	000604	CAGCACAAUUCAUJGUUJG	hsa-miR-424	hsa-miR-424 MIMAT0001341	+	+	+
4373206	001029	UUGCAUAGUAGGAUGUCCAU	hsa-miR-448	cfa-miR-448::hsa-mi MIMAT0001532::MIMAT0001533::M	+	+	+
4373228	001031	UUUUCCGGAUGGUUACCUUAA	hsa-miR-450	cfa-miR-450::hsa-mi MIMAT0001545::MIMAT0001546::M	+	+	+
4373281	001032	UGUUGUCAGAGGAACUGAGAC	hsa-miR-452	hsa-miR-452::mmu-i MIMAT0001635::MIMAT0001637	+	+	+
4378077	001033	ACAGUCACUACUCCGAAAGAAG	hsa-miR-452#	hsa-miR-452# MIMAT0001636	+	+	+
4373210	001034	GAGGUUGUCCGGUGGUAGUUC	hsa-miR-453	hsa-miR-453 MIMAT0001630	+	+	+
4373215	001037	CAACCUUGGAGGACUCCAUG	hsa-miR-490	gga-miR-490::hsa-mi MIMAT0002806::MIMAT0003366::M	+	+	+
4373217	001039	AGGACCUUGGGGAGAACAGUUU	hsa-miR-492	hsa-miR-492 MIMAT00002812	+	+	+
4373218	001040	UUGUACAUAGGUAGGGCUUCAU	hsa-miR-493	hsa-miR-493-5p MIMAT0002 hsa-miR-493(7.1)	+	+	+
4373228	001048	UAGCACCGGGGACAGUCUGCG	hsa-miR-503	hsa-miR-503 MIMAT0002874	+	+	+
4373230	001049	GUCAACACAUJGUUJGUUJCU	hsa-miR-505	hsa-miR-505 MIMAT0002876	+	+	+
4373232	001051	UUUJGACCUUJGUUJGUAGUGA	hsa-miR-507	hsa-miR-507 MIMAT0002879	+	+	+
4373209	001105	AAACGGUUACAUJGUUJGUAGUU	hsa-miR-451	gga-miR-451::hsa-n MIMAT0001631::MIMAT0003775	+	+	+
4373213	001106	CCCAGGAAUAGGGCACUCAUCA	hsa-miR-488	hsa-miR-488 MIMAT0002804	+	+	+
4373229	001110	AGACCCUGGUUCUGCACUCAU	hsa-miR-504	hsa-miR-504 MIMAT0002875	+	+	+
4378078	001113	CCUCUAGUAGGAAGCACUGU	hsa-miR-517#	hsa-miR-517# MIMAT0002851	+	+	+
4373250	001115	AAAGUGCAUUCUUUJGUAGGUU	hsa-miR-519b	MIMAT0002837	+	+	+
4378080	001126	AAAGUCUUCUJGUUJGUAGGC	hsa-miR-526b#	MIMAT0002836	+	+	+
4373239	001146	UUCACAGGGAGGUUCGUUJGU	hsa-miR-513	MIMAT0002877	+	+	+
4378082	001158	UCUCUGGGAGGACACUUCU	hsa-miR-518#	hsa-miR-518# MIMAT0002847	+	+	+
4378083	001161	AAAGCCCUUCUUUJGUAGGAGA	hsa-miR-518	hsa-miR-518 MIMAT0002842	+	+	+
4373251	001163	AAAGUGCAUUCUUUJGUAGGAG	hsa-miR-519c	MIMAT0002832	+	+	+
4373266	001164	AAAGUGCCUUCUUUJGUAGGAGU	hsa-miR-519d	MIMAT0002853	+	+	+
4373267	001165	AAAGUGCCUUCUUUJGUAGGUGU	hsa-miR-519e	MIMAT0002829	+	+	+
4373245	001171	AAAAGUGGUUCUUUJGUAGGAGU	hsa-miR-522	hsa-miR-522 MIMAT0002868	+	+	+
4373260	001172	AACGCCCUUCUUUJGUAGGAGG	hsa-miR-523	hsa-miR-523 MIMAT0002840	+	+	+
4378087	001173	GAAGGGCCUUCUUUJGUAGGAGU	hsa-miR-524	hsa-miR-524 MIMAT0002850	+	+	+
4378095	001277	GUCAUACACGGCUCUCCUCU	hsa-miR-485-3p	hsa-miR-485-3p MIMAT0002176	+	+	+
4378096	001278	UCUCGUACUGGUAGGGCCCGAG	hsa-miR-486	hsa-miR-486::mmu-i MIMAT0002177::MIMAT0003130	+	+	+
4378099	001281	CAUCUGAGGUAGAACAGACAU	hsa-miR-516-5p	MIMAT0002859	+	+	+
4378104	001287	GGUAGACAUUCUUUJGUAGAG	hsa-miR-376a#	hsa-miR-376a#::mmu MIMAT0003197::MIMAT0003386::M	+	+	+
4378105	001288	UCGGGGCAUCAUAGGUACAGCAG	hsa-miR-542-5p	MIMAT0003340	+	+	+
4380918	001289	AUCAGCAAACAUUJGUAGGUAG	hsa-miR-545	MIMAT0003165	+	+	+
4380919	001290	AUUCUCGUACAUUJGUAGGUAG	hsa-miR-544	MIMAT0003164	+	+	+
4380920	001510	AUAUUAUACAGUACACUUCU	hsa-miR-656	MIMAT0003332	+	+	+
4380921	001511	UGACACAUAGGUAGGUAGGU	hsa-miR-549	MIMAT0003333	+	+	+
4380922	001512	AACAGGUAGGUAGGUAGGUAG	hsa-miR-657	MIMAT0003335	+	+	+
4380923	001513	GGCGAGGGAGGUAGGUAGGUUGG	hsa-miR-660	MIMAT0003338	+	+	+
4380926	001516	AUGACACAUAGGUAGGUAGGUAG	hsa-miR-425-5p	MIMAT0003393::MIMAT0003640	+	+	+
4380927	001517	AUGGGCCACAUAGGUAGGUAG	hsa-miR-652	hsa-miR-652::mmu-i MIMAT0003322::MIMAT0003711	+	+	+
4380928	001518	CAUGGUACUGGUAGGUAGGUAGGU	hsa-miR-532	hsa-miR-532::hsa-mi MIMAT0002888::MIMAT0002889::M	+	+	+
4380929	001519	GCGACCACACUUGGUUGGU	hsa-miR-551a	MIMAT0003214	+	+	+
4380930	001520	AACAGGUAGGUAGGUAGGUAG	hsa-miR-552	MIMAT0003215	+	+	+
4380931	001521	AAAACGGUGAGGUAGGUAGGU	hsa-miR-553	MIMAT0003216	+	+	+
4380932	001522	GCUAGGUACUGACUAGCAGCAG	hsa-miR-554	MIMAT0003217	+	+	+
4380933	001523	AGGGUAAGGUAGGUAGGUAG	hsa-miR-555	MIMAT0003219	+	+	+
4380939	001529	AAAGUAGGUAGGUAGGUAGGU	hsa-miR-562	MIMAT0003226	+	+	+
4380940	001530	AGGUAGACAUACGUUUCUCC	hsa-miR-563	MIMAT0003227	+	+	+
4380941	001531	AGGCACGGUACUGCAGCAGGC	hsa-miR-564	MIMAT0003228	+	+	+
4380942	001532	GGCUGGUACUGCAGUACUGUU	hsa-miR-565	MIMAT0003229	+	+	+
4380943	001533	GGGGCCGUAGGUAGGUAGGU	hsa-miR-566	MIMAT0003230	+	+	+
4380945	001535	GCGACCAUACUUGGUUGGUAG	hsa-miR-551b	MIMAT0003233	+	+	+
4380946	001536	AGUUAUAGGUAGGUAGGUAG	hsa-miR-569	MIMAT0003234	+	+	+
4380947	001537	GAAAACAGCAUACUUGGUAG	hsa-miR-570	MIMAT0003235	+	+	+
4380948	001538	CAAAACUGGCAUACUUGGUAG	hsa-miR-548a	MIMAT0003251	+	+	+

4380949	001539	UUAGCAUJGUUAUUIUUAGGCC	hsa-mir-586	hsa-mir-586	MIMAT0003252	+
4380950	001540	UUUCAAGGGAGGAGACUC	hsa-mir-587	hsa-mir-587	MIMAT0003253	+
4380951	001541	CAAGAACCUACGUUGGUUUUGU	hsa-mir-548b	hsa-mir-548b	MIMAT0003254	+
4380952	001542	UGGCCAACAAUGGGGUAGAAC	hsa-mir-588	hsa-mir-588	MIMAT0003255	+
4380953	001543	UCAGAACAAACGGGUUCCCGAGA	hsa-mir-589	hsa-mir-589	MIMAT0003256	+
4380954	001544	UGGUUCAUCUCCUCAGGCCACAU	hsa-mir-550	hsa-mir-550	MIMAT0003257	+
4380955	001545	AGACCAUGGUUCUCAUUGU	hsa-mir-591	hsa-mir-591	MIMAT0003259	+
4380957	001547	AGGCACCAAGGGCAGGUUCUCAGC	hsa-mir-593	hsa-mir-593	MIMAT0003261	+
4380958	001548	CCCAUCGUUGGGGGCUCGUACUUL	hsa-mir-594	hsa-mir-594	MIMAT0003262	+
4380959	001550	AAGCCUCGGGGCUCGUCCUGGG	hsa-mir-596	hsa-mir-596	MIMAT0003264	+
4380960	001551	UGGUUCACUAGUAGACCACUGU	hsa-mir-597	hsa-mir-597	MIMAT0003265	+
4380961	001553	ACAGUCUCUGAGGUUGGAGC	hsa-mir-622	hsa-mir-622	MIMAT0003291	+
4380962	001554	GUUGUGUCAGUUUAUCAAC	hsa-mir-599	hsa-mir-599	MIMAT0003267	+
4380963	001556	ACUUACAGAACAGGGGUUCUC	hsa-mir-600	hsa-mir-600	MIMAT0003268	+
4380964	001557	UAGUACCGGUACGUUCGUUCA	hsa-mir-624	hsa-mir-624	MIMAT0003293	+
4380965	001558	UGGUUCUAGGUJGUUGGAGGAG	hsa-mir-601	hsa-mir-601	MIMAT0003269	+
4380966	001559	AGCUCUGUAAAAGGUUCU	hsa-mir-626	hsa-mir-626	MIMAT0003295	+
4380969	001562	GUUCUCCAAAGGUAGGCCAGC	hsa-mir-629	hsa-mir-629	MIMAT0003298	+
4381007	001604	UUUAGGAUAAGGUUACUUUG	hsa-mir-651	hsa-mir-651	MIMAT0003321	+
4381008	001605	CAAAACACAGGUUUCUUCUUC	hsa-mir-548d	hsa-mir-548d	MIMAT0003323	+
4380917	001283	CGGGGGGUACAGUAGCAUUU	hsa-mir-363#	hsa-mir-363#	MIMAT0003209::MIMAT0003385:M	+
4378102	001285	AAUCGUACAGGUACUACCUU	bta-mir-487b	bta-mir-487b	MIMAT0003180::MIMAT0003847	+
4380924	001514	CUUGGUUCAGGGGUUC	hsa-mir-659	hsa-mir-659	MIMAT0003337	+
4380934	001524	GAUGAGCUCAUUGUAUAUG	hsa-mir-556	hsa-mir-556	MIMAT0003220	+
4380936	001526	UGACUCUGUACUACCAAAU	hsa-mir-558	hsa-mir-558	MIMAT0003222	+
4380967	001560	GUGAGUCUCAUAGAAAGAGGA	hsa-mir-627	hsa-mir-627	MIMAT0003296	+
4380970	001563	AQUAUUCGUACGGGAAGGU	hsa-mir-630	hsa-mir-630	MIMAT0003299	+
4380971	001564	AGACCUCCGCCAGACCUCAGC	hsa-mir-631	hsa-mir-631	MIMAT0003300	+
4380972	001566	CACACACGUCAUUAUUCUUGC	hsa-mir-603	hsa-mir-603	MIMAT0003271	+
4380974	001569	AAACUCAGUAAAACAGAU	hsa-mir-606	hsa-mir-606	MIMAT0003274	+
4380975	001570	GUUCAAACUAGGACUACUAA	hsa-mir-607	hsa-mir-607	MIMAT0003275	+
4380976	001571	AGGGGGUGGUUGGGGACGUCCG	hsa-mir-608	hsa-mir-608	MIMAT0003276	+
4380978	001573	AGGGGGUUUCUCUCAUCU	hsa-mir-609	hsa-mir-609	MIMAT0003277	+
4380979	001574	CUAAUAGAUCAUCACAAUAAA	hsa-mir-633	hsa-mir-633	MIMAT0003303	+
4380987	001583	AUCGCCUCCGGGUUCGCC	hsa-mir-639	hsa-mir-639	MIMAT0003309	+
4380989	001586	AGGAUAGGUUCUUCUUCUGC	hsa-mir-613	hsa-mir-613	MIMAT0003281	+
4380990	001587	GAACGGCCGUUCUUCGGAGGUG	hsa-mir-614	hsa-mir-614	MIMAT0003282	+
4380991	001588	UCCGAGCCUUGGUUCUCCUCU	hsa-mir-615	hsa-mir-615	MIMAT0003283	+
4380992	001589	ACUACAAACCUUCAGUACU	hsa-mir-616	hsa-mir-616	MIMAT0003284	+
4380993	001590	CAAAACAUCAUUAUUCUUC	hsa-mir-548c	hsa-mir-548c	MIMAT0003285	+
4380994	001591	AGACUCCCAUUAUAGGUCCG	hsa-mir-617	hsa-mir-617	MIMAT0003286	+
4380995	001592	GUCCCCUCUCAAAGGUUCU	hsa-mir-642	hsa-mir-642	MIMAT0003312	+
4380996	001593	AAACUCUACUUGGUCCUUCUGAGU	hsa-mir-618	hsa-mir-618	MIMAT0003287	+
4380999	001596	AAGUGGGCUUCUUCAGAGC	hsa-mir-644	hsa-mir-644	MIMAT0003314	+
4381000	001597	UCAGGGCUUAGUACUGCUGA	hsa-mir-645	hsa-mir-645	MIMAT0003315	+
4381002	001599	AACAGCGUCCGUCCUAGGAGC	hsa-mir-646	hsa-mir-646	MIMAT0003316	+
4381003	001600	GGGGCGUCAUCACUUCUUC	hsa-mir-647	hsa-mir-647	MIMAT0003317	+
4381005	001602	AAACUGUGUUGUUCAGAGUC	hsa-mir-649	hsa-mir-649	MIMAT0003319	+
4381006	001603	AGGAGCGCCUCCUCAGCAGC	hsa-mir-650	hsa-mir-650	MIMAT0003320	+
4381009	001606	UGCCUGGGGUCCUCGGCC	hsa-mir-661	hsa-mir-661	MIMAT0003324	+
4381010	001607	CCACACGUUGGGGACAGCAG	hsa-mir-662	hsa-mir-662	MIMAT0003325	+
4381011	001608	AGGCAGUAGUJGUAGCGU	hsa-mir-449b	hsa-mir-449b	MIMAT0003327	+
4381012	001609	UUGAACAAUCUACUACUAGA	hsa-mir-653	hsa-mir-653	MIMAT0003328	+
4381013	001610	UAGUAGACCUUAGGUACUAG	hsa-mir-411	hsa-mir-411	MIMAT0003329	+
4381014	001611	UGGGGGCCAGAGAACAUAGC	hsa-mir-654	hsa-mir-654	MIMAT0003330	+
4381017	001614	GUCCGCUCGGGGUCCG	hsa-mir-572	hsa-mir-572	MIMAT0003237	+
4381020	001617	GAGCCAGUUGGAGCACAGC	hsa-mir-575	hsa-mir-575	MIMAT0003240	+
4381021	001618	AUUCUAAUUCUCCACGUUCU	hsa-mir-576	hsa-mir-576	MIMAT0003241	+
4381022	001619	CUCUUCGUUCGUAGGU	hsa-mir-578	hsa-mir-578	MIMAT0003243	+
4381023	001620	AUUCAUUGGUUAACCGCCAU	hsa-mir-579	hsa-mir-579	MIMAT0003244	+
4381024	001621	UUGAGAACAUAGUAACUAG	hsa-mir-580	hsa-mir-580	MIMAT0003245	+
4381027	001625	UGGGCGUAAUCUGUAGCUA	hsa-mir-585	hsa-mir-585	MIMAT0003250	+
4381028	001800	UAUACUGCCUGGUUAUAGUAC	hsa-mir-200b	hsa-mir-200b	MIMAT000233::MIMAT000318::M	+
4381032	001821	UCAGGCUCAGUCCCUCCGUA	bta-mir-484::hsa-mir	bta-mir-484::hsa-mir	MIMAT0002174::MIMAT0003127::M	+
4381034	001823	AAGUGCGUCUAAUCAGUAGG	hsa-mir-512-3p	hsa-mir-512-3p	MIMAT0002823	+
4373383	001006	GAUGACCCAGGUACUCUGAGU	RNU48	RNU48	NR_002745_U48	+
4373384	001094	CCUGCGAUAUGUAAGUCUGA	RNU44	RNU44	NR_002750_U44	+