

GenTarget 's anti-miRNA catalog #	Human miR Name ID	mature miR sequence (mRNA)	miRNA Length
A-miRNA#1	>hsa-let-7a-5p MIMAT0000062	UGAGGUAGUAGGUUGUAUAGUU	22
A-miRNA#2	>hsa-let-7a-3p MIMAT0004481	CUAUACAAUCUACUGUCUUUC	21
A-miRNA#3	>hsa-let-7a-2-3p MIMAT0010195	CUGUACAGCCUCCUAGCUUUC	22
A-miRNA#4	>hsa-let-7b-5p MIMAT0000063	UGAGGUAGUAGGUUGUGUGGUU	22
A-miRNA#5	>hsa-let-7b-3p MIMAT0004482	CUAUACAACCUACUGCCUUC	22
A-miRNA#6	>hsa-let-7c MIMAT0000064	UGAGGUAGUAGGUUGUAUGGUU	22
A-miRNA#7	>hsa-let-7d-5p MIMAT0000065	AGAGGUAGUAGGUUGCAUAGUU	22
A-miRNA#8	>hsa-let-7d-3p MIMAT0004484	CUAUACGACCUGCUGCCUUUCU	22
A-miRNA#9	>hsa-let-7e-5p MIMAT0000066	UGAGGUAGGAGGUUGUAUAGUU	22
A-miRNA#10	>hsa-let-7e-3p MIMAT0004485	CUAUACGGCCUCCUAGCUUUC	22
A-miRNA#11	>hsa-let-7f-5p MIMAT0000067	UGAGGUAGUAGAUUGUAUAGUU	22
A-miRNA#12	>hsa-let-7f-1-3p MIMAT0004486	CUAUACAAUCUAUUGCCUUC	22
A-miRNA#13	>hsa-let-7f-2-3p MIMAT0004487	CUAUACAGUCUACUGUCUUUC	22
A-miRNA#14	>hsa-miR-15a-5p MIMAT0000068	UAGCAGCACAUAAUGGUUUGUG	22
A-miRNA#15	>hsa-miR-15a-3p MIMAT0004488	CAGGCCAUUUUGUGCUGCCUCA	22
A-miRNA#16	>hsa-miR-16-5p MIMAT0000069	UAGCAGCACGUAAAUAUUGGCG	22
A-miRNA#17	>hsa-miR-16-1-3p MIMAT0004489	CCAGUAUUAAUCUGUGCUGCUGA	22
A-miRNA#18	>hsa-miR-17-5p MIMAT0000070	CAAAGUGCUUACAGUGCAGGUAG	23
A-miRNA#19	>hsa-miR-17-3p MIMAT0000071	ACUGCAGUGAAGGCACUUGUAG	22
A-miRNA#20	>hsa-miR-18a-5p MIMAT0000072	UAAGGUGCAUCUAGUGCAGAUAG	23
A-miRNA#21	>hsa-miR-18a-3p MIMAT0002891	ACUGCCCUAAGUGCUCUUCUGG	23
A-miRNA#22	>hsa-miR-19a-5p MIMAT0004490	AGUUUUGCAUAGUUGCACUACA	22
A-miRNA#23	>hsa-miR-19a-3p MIMAT0000073	UGUGCAAUUCUAGCAAAACUGA	23
A-miRNA#24	>hsa-miR-19b-1-5p MIMAT0004491	AGUUUUGCAGGUUUGCAUCCAGC	23
A-miRNA#25	>hsa-miR-19b-3p MIMAT0000074	UGUGCAAUCCAUGCAAAACUGA	23
A-miRNA#26	>hsa-miR-19b-2-5p MIMAT0004492	AGUUUUGCAGGUUUGCAUUUCA	22
A-miRNA#27	>hsa-miR-20a-5p MIMAT0000075	UAAAGUGCUUUAUAGUGCAGGUAG	23
A-miRNA#28	>hsa-miR-20a-3p MIMAT0004493	ACUGCAUUUAUGAGCACUUAAG	22
A-miRNA#29	>hsa-miR-21-5p MIMAT0000076	UAGCUUAUCAGACUGAUGUUGA	22
A-miRNA#30	>hsa-miR-21-3p MIMAT0004494	CAACACCAGUCGAUGGGCUGU	21
A-miRNA#31	>hsa-miR-22-5p MIMAT0004495	AGUUCUUCAGUGGCAAGCUUUA	22
A-miRNA#32	>hsa-miR-22-3p MIMAT0000077	AAGCUGCCAGUUGAAGAACUGU	22
A-miRNA#33	>hsa-miR-23a-5p MIMAT0004496	GGGGUCCUGGGGAUGGGAUUU	22
A-miRNA#34	>hsa-miR-23a-3p MIMAT0000078	AUCACAUUGCCAGGGAUUUCC	21
A-miRNA#35	>hsa-miR-24-1-5p MIMAT0000079	UGCCUACUGAGCUGAUUAUCAGU	22
A-miRNA#36	>hsa-miR-24-3p MIMAT0000080	UGGCUCAGUUCAGCAGGAACAG	22
A-miRNA#37	>hsa-miR-24-2-5p MIMAT0004497	UGCCUACUGAGCUGAAACACAG	22
A-miRNA#38	>hsa-miR-25-5p MIMAT0004498	AGGCGGAGACUUGGGCAAUUG	21
A-miRNA#39	>hsa-miR-25-3p MIMAT0000081	CAUUGCACUUGUCUCGGUCUGA	22
A-miRNA#40	>hsa-miR-26a-5p MIMAT0000082	UUCAAGUAAUCCAGGAUAGGCU	22
A-miRNA#41	>hsa-miR-26a-1-3p MIMAT0004499	CCUAUUCUUGGUUACUUGCACG	22
A-miRNA#42	>hsa-miR-26b-5p MIMAT0000083	UUCAAGUAAUCCAGGAUAGGU	21

A-miRNA#43	>hsa-miR-26b-3p MIMAT0004500	CCUGUUCUCCAUAUACUUGGCUC	22
A-miRNA#44	>hsa-miR-27a-5p MIMAT0004501	AGGGCUUAGCUGCUUGUGAGCA	22
A-miRNA#45	>hsa-miR-27a-3p MIMAT0000084	UUCACAGUGGCUAAGUUCGCG	21
A-miRNA#46	>hsa-miR-28-5p MIMAT0000085	AAGGAGCUCACAGUCUAUUGAG	22
A-miRNA#47	>hsa-miR-28-3p MIMAT0004502	CACUAGAUUGUGAGCUCCUGGA	22
A-miRNA#48	>hsa-miR-29a-5p MIMAT0004503	ACUGAUUUUUUUGGUGUUCAG	22
A-miRNA#49	>hsa-miR-29a-3p MIMAT0000086	UAGCACCAUCUGAAAUCGGUUA	22
A-miRNA#50	>hsa-miR-30a-5p MIMAT0000087	UGUAAACAUCUCGACUGGAAG	22
A-miRNA#51	>hsa-miR-30a-3p MIMAT0000088	CUUUCAGUCGGAUGUUUGCAGC	22
A-miRNA#52	>hsa-miR-31-5p MIMAT0000089	AGGCAAGAUGCUGGCAUAGCU	21
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A-miRNA#54	>hsa-miR-32-5p MIMAT0000090	UAUUGCACAUUACUAAGUUGCA	22
A-miRNA#55	>hsa-miR-32-3p MIMAT0004505	CAAUUUAGUGUGUGUGAUUUU	22
A-miRNA#56	>hsa-miR-33a-5p MIMAT0000091	GUGCAUUGUAGUUGCAUUGCA	21
A-miRNA#57	>hsa-miR-33a-3p MIMAT0004506	CAAUGUUUCCACAGUGCAUCAC	22
A-miRNA#58	>hsa-miR-92a-1-5p MIMAT0004507	AGGUUGGGAUCGGUUGCAAUGCU	23
A-miRNA#59	>hsa-miR-92a-3p MIMAT0000092	UAUUGCACUUGUCCCGGCCUGU	22
A-miRNA#60	>hsa-miR-92a-2-5p MIMAT0004508	GGGUGGGGAUUUUGUUGCAUUAC	22
A-miRNA#61	>hsa-miR-93-5p MIMAT0000093	CAAAGUGCUGUUCGUGCAGGUAG	23
A-miRNA#62	>hsa-miR-93-3p MIMAT0004509	ACUGCUGAGCUAGCACUCCCCG	22
A-miRNA#63	>hsa-miR-95 MIMAT0000094	UUCAACGGGUAUUUAUUGAGCA	22
A-miRNA#64	>hsa-miR-96-5p MIMAT0000095	UUUGGCACUAGCACAUUUUUGCU	23
A-miRNA#65	>hsa-miR-96-3p MIMAT0004510	AAUCAUGUGCAGUGCCAAUAUG	22
A-miRNA#66	>hsa-miR-98-5p MIMAT0000096	UGAGGUAGUAAGUUGUAUUGUU	22
A-miRNA#67	>hsa-miR-98-3p MIMAT0022842	CUAUACAACUUAUACUUUCCC	22
A-miRNA#68	>hsa-miR-99a-5p MIMAT0000097	AACCCGUAGAUCCGAUUCUUGUG	22
A-miRNA#69	>hsa-miR-99a-3p MIMAT0004511	CAAGCUCGCUUCUAUGGGUCUG	22
A-miRNA#70	>hsa-miR-100-5p MIMAT0000098	AACCCGUAGAUCCGAACUUGUG	22
A-miRNA#71	>hsa-miR-100-3p MIMAT0004512	CAAGCUUGUAUCUAUAGGUAUG	22
A-miRNA#72	>hsa-miR-101-5p MIMAT0004513	CAGUUAUCACAGUGCUGAUGCU	22
A-miRNA#73	>hsa-miR-101-3p MIMAT0000099	UACAGUACUGUGAUAACUGAA	21
A-miRNA#74	>hsa-miR-29b-1-5p MIMAT0004514	GCUGGUUUCAUAUGGUGGUUUAGA	24
A-miRNA#75	>hsa-miR-29b-3p MIMAT0000100	UAGCACCAUUUGAAAUCAGUGUU	23
A-miRNA#76	>hsa-miR-29b-2-5p MIMAT0004515	CUGGUUUCACAUUGGUGGCUUAG	22
A-miRNA#77	>hsa-miR-103a-2-5p MIMAT0009196	AGCUUCUUUACAGUGCUGCCUUG	23
A-miRNA#78	>hsa-miR-103a-3p MIMAT0000101	AGCAGCAUUGUACAGGGCUAUGA	23
A-miRNA#79	>hsa-miR-105-5p MIMAT0000102	UCAAUUGCUCAGACUCCUGUGGU	23
A-miRNA#80	>hsa-miR-105-3p MIMAT0004516	ACGGAUGUUUGAGCAUGUGCUA	22
A-miRNA#81	>hsa-miR-106a-5p MIMAT0000103	AAAAGUGC UUACAGUGCAGGUAG	23
A-miRNA#82	>hsa-miR-106a-3p MIMAT0004517	CUGCAAUGUAAGCACUUCUUAC	22
A-miRNA#83	>hsa-miR-107 MIMAT0000104	AGCAGCAUUGUACAGGGCUAUGA	23
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A-miRNA#85	>hsa-miR-192-5p MIMAT0000222	CUGACCUAUGAAUUGACAGCC	21
A-miRNA#86	>hsa-miR-192-3p MIMAT0004543	CUGCCAAUUCUAGGUCACAG	22
A-miRNA#87	>hsa-miR-196a-5p MIMAT0000226	UAGGUAGUUUAUGUUGUUGGG	22
A-miRNA#88	>hsa-miR-197-5p MIMAT0022691	CGGGUAGAGAGGGGAGUGGGAGG	23
A-miRNA#89	>hsa-miR-197-3p MIMAT0000227	UUCACCACCUUCUCCACCCAGC	22

A-miRNA#90	>hsa-miR-198 MIMAT0000228	GGUCCAGAGGGGAGAUAGGUUC	22
A-miRNA#91	>hsa-miR-199a-5p MIMAT0000231	CCCAGUGUUCAGACUACCUGUUC	23
A-miRNA#92	>hsa-miR-199a-3p MIMAT0000232	ACAGUAGUCUGCACAUUGGUUA	22
A-miRNA#93	>hsa-miR-208a MIMAT0000241	AUAAGACGAGCAAAAAGCUUGU	22
A-miRNA#94	>hsa-miR-129-5p MIMAT0000242	CUUUUUGCGGUCUGGGCUUGC	21
A-miRNA#95	>hsa-miR-129-1-3p MIMAT0004548	AAGCCCUUACCCCAAAAGUAU	22
A-miRNA#96	>hsa-miR-148a-5p MIMAT0004549	AAAGUUCUGAGACACUCCGACU	22
A-miRNA#97	>hsa-miR-148a-3p MIMAT0000243	UCAGUGCACUACAGAACUUUGU	22
A-miRNA#98	>hsa-miR-30c-5p MIMAT0000244	UGUAAACAUCUACACUCUCAGC	23
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A-miRNA#100	>hsa-miR-30d-5p MIMAT0000245	UGUAAACAUCCCCGACUGGAAG	22
A-miRNA#101	>hsa-miR-30d-3p MIMAT0004551	CUUUCAGUCAGAUUUUGCUGC	22
A-miRNA#102	>hsa-miR-139-5p MIMAT0000250	UCUACAGUGCACGUGUCUCCAGU	23
A-miRNA#103	>hsa-miR-139-3p MIMAT0004552	UGGAGACGCGGCCUGUUGGAGU	23
A-miRNA#104	>hsa-miR-147a MIMAT0000251	GUGUGUGGAAUAGCUUCUGC	20
A-miRNA#105	>hsa-miR-7-5p MIMAT0000252	UGGAAGACUAGUGAUUUUGUUGU	23
A-miRNA#106	>hsa-miR-7-1-3p MIMAT0004553	CAACAAUACAGUCUGCCAUA	22
A-miRNA#107	>hsa-miR-7-2-3p MIMAT0004554	CAACAAUCCAGUCUACCUAA	22
A-miRNA#108	>hsa-miR-10a-5p MIMAT0000253	UACCCUGUAGAUCGAAUUUGUG	23
A-miRNA#109	>hsa-miR-10a-3p MIMAT0004555	CAAAUUCGUAUUCUAGGGGAAUA	22
A-miRNA#110	>hsa-miR-10b-5p MIMAT0000254	UACCCUGUAGAACCGAAUUUGUG	23
A-miRNA#111	>hsa-miR-10b-3p MIMAT0004556	ACAGAUUCGAUUCUAGGGGAAU	22
A-miRNA#112	>hsa-miR-34a-5p MIMAT0000255	UGGCAGUGUCUAGCUGGUUGU	22
A-miRNA#113	>hsa-miR-34a-3p MIMAT0004557	CAAUCAGCAAGUAUACUGCCCU	22
A-miRNA#114	>hsa-miR-181a-5p MIMAT0000256	AACAUUCAACGCUGUCGGUGAGU	23
A-miRNA#115	>hsa-miR-181a-2-3p MIMAT0004558	ACCACUGACCGUUGACUGUACC	22
A-miRNA#116	>hsa-miR-181b-5p MIMAT0000257	AACAUUCAUUGCUGUCGGUGGGU	23
A-miRNA#117	>hsa-miR-181b-3p MIMAT0022692	CUCACUGAACAUGAAUGCAA	21
A-miRNA#118	>hsa-miR-181c-5p MIMAT0000258	AACAUUCAACCUGUCGGUGAGU	22
A-miRNA#119	>hsa-miR-181c-3p MIMAT0004559	AACCAUCGACCGUUGAGUGGAC	22
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A-miRNA#121	>hsa-miR-182-3p MIMAT0000260	UGGUUCUAGACUUGCCAACUA	21
A-miRNA#122	>hsa-miR-183-5p MIMAT0000261	UAUGGCACUGGUAGAAUUCACU	22
A-miRNA#123	>hsa-miR-183-3p MIMAT0004560	GUGAAUUACCGAAGGGCCAUA	22
A-miRNA#124	>hsa-miR-187-5p MIMAT0004561	GGCUACAACACAGGACCCGGGC	22
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A-miRNA#127	>hsa-miR-199b-5p MIMAT0000263	CCCAGUGUUUAGACUAUCUGUUC	23
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A-miRNA#129	>hsa-miR-203a MIMAT0000264	GUGAAAUGUUUAGGACCACUAG	22
A-miRNA#130	>hsa-miR-204-5p MIMAT0000265	UUCCCUUUGUCAUCCUAGCCU	22
A-miRNA#131	>hsa-miR-204-3p MIMAT0022693	GCUGGGAAGGCAAAGGGACGU	21
A-miRNA#132	>hsa-miR-205-5p MIMAT0000266	UCCUUCAUCCACCGGAGUCUG	22
A-miRNA#133	>hsa-miR-205-3p MIMAT0009197	GAUUUCAGUGGAGUGAAGUUC	21
A-miRNA#134	>hsa-miR-210 MIMAT0000267	CUGUGCGUGUGACAGCGGCUGA	22
A-miRNA#135	>hsa-miR-211-5p MIMAT0000268	UUCCCUUUGUCAUCCUUCGCCU	22
A-miRNA#136	>hsa-miR-211-3p MIMAT0022694	GCAGGGACAGCAAAGGGGUGC	21

A-miRNA#137	>hsa-miR-212-5p MIMAT0022695	ACCUUGGCUCUAGACUGCUUACU	23
A-miRNA#138	>hsa-miR-212-3p MIMAT0000269	UACAGUCUCCAGUCACGGCC	21
A-miRNA#139	>hsa-miR-181a-3p MIMAT0000270	ACCAUCGACCGUUGAUUGUACC	22
A-miRNA#140	>hsa-miR-214-5p MIMAT0004564	UGCCUGUCUACACUUGCUGUGC	22
A-miRNA#141	>hsa-miR-214-3p MIMAT0000271	ACAGCAGGCACAGACAGGCAGU	22
A-miRNA#142	>hsa-miR-215 MIMAT0000272	AUGACCUAUGAAUUGACAGAC	21
A-miRNA#143	>hsa-miR-216a-5p MIMAT0000273	UAAUCUCAGCUGGCAACUGUGA	22
A-miRNA#144	>hsa-miR-216a-3p MIMAT0022844	UCACAGUGGUCUCUGGGAUUU	22
A-miRNA#145	>hsa-miR-217 MIMAT0000274	UACUGCAUCAGGAACUGAUUGGA	23
A-miRNA#146	>hsa-miR-218-5p MIMAT0000275	UUGUGCUUGAUCUAACCAUGU	21
A-miRNA#147	>hsa-miR-218-1-3p MIMAT0004565	AUGGUUCCGUAAGCACCAUGG	22
A-miRNA#148	>hsa-miR-218-2-3p MIMAT0004566	CAUGGUUCUGUCAAGCACCGCG	22
A-miRNA#149	>hsa-miR-219-5p MIMAT0000276	UGAUUGUCCAAACGCAAUUCU	21
A-miRNA#150	>hsa-miR-219-1-3p MIMAT0004567	AGAGUUGAGUCUGGACGUCCCG	22
A-miRNA#151	>hsa-miR-221-5p MIMAT0004568	ACCUGGCAUACAAUGUAGAUUU	22
A-miRNA#152	>hsa-miR-221-3p MIMAT0000278	AGCUACAUUGUCUGCUGGGUUUC	23
A-miRNA#153	>hsa-miR-222-5p MIMAT0004569	CUCAGUAGCCAGUGUAGAUCU	22
A-miRNA#154	>hsa-miR-222-3p MIMAT0000279	AGCUACAUCUGGCUACUGGGU	21
A-miRNA#155	>hsa-miR-223-5p MIMAT0004570	CGUGUAUUUGACAAGCUGAGUU	22
A-miRNA#156	>hsa-miR-223-3p MIMAT0000280	UGUCAGUUUGUCAAUACCCCA	22
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A-miRNA#158	>hsa-miR-224-3p MIMAT0009198	AAAAUGGUGCCCUAGUGACUACA	23
A-miRNA#159	>hsa-miR-200b-5p MIMAT0004571	CAUCUACUGGGCAGCAUUGGA	22
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A-miRNA#161	>hsa-let-7g-5p MIMAT0000414	UGAGGUAGUAGUUUGUACAGUU	22
A-miRNA#162	>hsa-let-7g-3p MIMAT0004584	CUGUACAGGCCACUGCCUUGC	21
A-miRNA#163	>hsa-let-7i-5p MIMAT0000415	UGAGGUAGUAGUUUGUGCUGUU	22
A-miRNA#164	>hsa-let-7i-3p MIMAT0004585	CUGCGCAAGCUACUGCCUUGC	22
A-miRNA#165	>hsa-miR-1 MIMAT0000416	UGGAAUGUAAAGAAGUAUGUAU	22
A-miRNA#166	>hsa-miR-15b-5p MIMAT0000417	UAGCAGCAUCAUGGUUUACA	22
A-miRNA#167	>hsa-miR-15b-3p MIMAT0004586	CGAAUCAUUAUUUGCUGCUCUA	22
A-miRNA#168	>hsa-miR-23b-5p MIMAT0004587	UGGGUUCUGGCAUGCUGAUUU	22
A-miRNA#169	>hsa-miR-23b-3p MIMAT0000418	AUCACAUUGCCAGGGAUUACC	21
A-miRNA#170	>hsa-miR-27b-5p MIMAT0004588	AGAGCUUAGCUGAUUGGUGAAC	22
A-miRNA#171	>hsa-miR-27b-3p MIMAT0000419	UUCACAGUGGCUAAGUUCUGC	21
A-miRNA#172	>hsa-miR-30b-5p MIMAT0000420	UGUAAACAUCUACACUCAGCU	22
A-miRNA#173	>hsa-miR-30b-3p MIMAT0004589	CUGGGAGGUGGAUGUUUACUUC	22
A-miRNA#174	>hsa-miR-122-5p MIMAT0000421	UGGAGUGUGACAAUGGUGUUUG	22
A-miRNA#175	>hsa-miR-122-3p MIMAT0004590	AACGCCAUUAUCACACUAAUA	22
A-miRNA#176	>hsa-miR-124-5p MIMAT0004591	CGUGUUCACAGCGGACCUUGAU	22
A-miRNA#177	>hsa-miR-124-3p MIMAT0000422	UAAGGCACGCGUGAAUGCC	20
A-miRNA#178	>hsa-miR-125b-5p MIMAT0000423	UCCUGAGACCCUAAUUGUGA	22
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A-miRNA#180	>hsa-miR-128 MIMAT0000424	UCACAGUGAACGGGUCUCUUU	21
A-miRNA#181	>hsa-miR-130a-5p MIMAT0004593	UUCACAUUGUGCUACUGUCUGC	22
A-miRNA#182	>hsa-miR-130a-3p MIMAT0000425	CAGUGCAAUGUUAAAAGGGCAU	22
A-miRNA#183	>hsa-miR-132-5p MIMAT0004594	ACCGUGGCUUUCGAUUGUACU	22

A-miRNA#184	>hsa-miR-132-3p MIMAT0000426	UACAGUCUACAGCCAUGGUCG	22
A-miRNA#185	>hsa-miR-133a MIMAT0000427	UUUGGUCCCCUUAACCAGCUG	22
A-miRNA#186	>hsa-miR-135a-5p MIMAT0000428	UAUGGCUUUUUUUAUCCUAUGUGA	23
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A-miRNA#188	>hsa-miR-137 MIMAT0000429	UUUUUGCUUAAGAAUACGCGUAG	23
A-miRNA#189	>hsa-miR-138-5p MIMAT0000430	AGCUGGUGUUGUGAAUCAGGCCG	23
A-miRNA#190	>hsa-miR-138-2-3p MIMAT0004596	GCUAUUUCACGACACCAGGGUU	22
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A-miRNA#192	>hsa-miR-140-3p MIMAT0004597	UACCACAGGGUAGAACCACGG	21
A-miRNA#193	>hsa-miR-141-5p MIMAT0004598	CAUCUUCAGUACAGUGUUGGA	22
A-miRNA#194	>hsa-miR-141-3p MIMAT0000432	UACACUGUCUGGUAAAGAUGG	22
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A-miRNA#198	>hsa-miR-143-3p MIMAT0000435	UGAGAUGAAGCACUGUAGCUC	21
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A-miRNA#203	>hsa-miR-152 MIMAT0000438	UCAGUGCAUGACAGAACUUGG	21
A-miRNA#204	>hsa-miR-153 MIMAT0000439	UUGCAUAGUCACAAAAGUGAUC	22
A-miRNA#205	>hsa-miR-191-5p MIMAT0000440	CAACGGAAUCCCAAAAGCAGCUG	23
A-miRNA#206	>hsa-miR-191-3p MIMAT0001618	GCUGCGCUUGGAUUUCGUCCCC	22
A-miRNA#207	>hsa-miR-9-5p MIMAT0000441	UCUUUGGUUAUCUAGCUGUAUGA	23
A-miRNA#208	>hsa-miR-9-3p MIMAT0000442	AUAAAGCUAGAUAAACCGAAAGU	22
A-miRNA#209	>hsa-miR-125a-5p MIMAT0000443	UCCUGAGACCCUUUAACCUGUGA	24
A-miRNA#210	>hsa-miR-125a-3p MIMAT0004602	ACAGGUGAGGUUCUUGGGAGCC	22
A-miRNA#211	>hsa-miR-125b-2-3p MIMAT0004603	UCACAAGUCAGGCUCUUGGGAC	22
A-miRNA#212	>hsa-miR-126-5p MIMAT0000444	CAUUUUUACUUUUGGUACGCG	21
A-miRNA#213	>hsa-miR-126-3p MIMAT0000445	UCGUACCGUGAGUAAUAAUGCG	22
A-miRNA#214	>hsa-miR-127-5p MIMAT0004604	CUGAAGCUCAGAGGGCUCUGAU	22
A-miRNA#215	>hsa-miR-127-3p MIMAT0000446	UCGGAUCCGUCUGAGCUUGGCU	22
A-miRNA#216	>hsa-miR-129-2-3p MIMAT0004605	AAGCCCUUACCCCAAAAAGCAU	22
A-miRNA#217	>hsa-miR-134 MIMAT0000447	UGUGACUGGUUGACCAGAGGGG	22
A-miRNA#218	>hsa-miR-136-5p MIMAT0000448	ACUCCAUUUUGUUUUGAUGAUGGA	23
A-miRNA#219	>hsa-miR-136-3p MIMAT0004606	CAUCAUCGUCUCAAUAGAGUCU	22
A-miRNA#220	>hsa-miR-138-1-3p MIMAT0004607	GCUACUUCACAACACCAGGGCC	22
A-miRNA#221	>hsa-miR-146a-5p MIMAT0000449	UGAGAACUGAAUCCAUGGGUU	22
A-miRNA#222	>hsa-miR-146a-3p MIMAT0004608	CCUCUGAAAUUCAGUUCUUCAG	22
A-miRNA#223	>hsa-miR-149-5p MIMAT0000450	UCUGGCUCCGUGUCUUCACUCCC	23
A-miRNA#224	>hsa-miR-149-3p MIMAT0004609	AGGGAGGGACGGGGGCGUGGC	21
A-miRNA#225	>hsa-miR-150-5p MIMAT0000451	UCUCCCAACCCUUGUACCAGUG	22
A-miRNA#226	>hsa-miR-150-3p MIMAT0004610	CUGGUACAGGCCUGGGGGACAG	22
A-miRNA#227	>hsa-miR-154-5p MIMAT0000452	UAGGUUAUCCGUGUUGCCUUCG	22
A-miRNA#228	>hsa-miR-154-3p MIMAT0000453	AAUCAUACACGGUUGACCUAUU	22
A-miRNA#229	>hsa-miR-184 MIMAT0000454	UGGACGGAGAACUGAUAAAGGGU	22
A-miRNA#230	>hsa-miR-185-5p MIMAT0000455	UGGAGAGAAAGGCAGUUCUGA	22

A-miRNA#231	>hsa-miR-185-3p MIMAT0004611	AGGGGCUGGCUUUCUCUGGUC	22
A-miRNA#232	>hsa-miR-186-5p MIMAT0000456	CAAAGAAUUCUCCUUUUUGGCU	22
A-miRNA#233	>hsa-miR-186-3p MIMAT0004612	GCCCAAAGGUGAAUUUUUUGGG	22
A-miRNA#234	>hsa-miR-188-5p MIMAT0000457	CAUCCCUUGCAUGGUGGAGGG	21
A-miRNA#235	>hsa-miR-188-3p MIMAT0004613	CUCCCACAUGCAGGGUUUGCA	21
A-miRNA#236	>hsa-miR-190a MIMAT0000458	UGAU AUGUUUGAUUAUUAGGU	22
A-miRNA#237	>hsa-miR-193a-5p MIMAT0004614	UGGGUCUUUGCGGGCGAGAUGA	22
A-miRNA#238	>hsa-miR-193a-3p MIMAT0000459	AACUGGCCUACAAAGUCCCAGU	22
A-miRNA#239	>hsa-miR-194-5p MIMAT0000460	UGU AACAGCAACUCCAUGUGGA	22
A-miRNA#240	>hsa-miR-195-5p MIMAT0000461	UAGCAGCACAGAAAUUUGGC	21
A-miRNA#241	>hsa-miR-195-3p MIMAT0004615	CCAAU AUUGGCUGUGCUGCUCC	22
A-miRNA#242	>hsa-miR-206 MIMAT0000462	UGGAAUGUAAGGAAGUGUGUGG	22
A-miRNA#243	>hsa-miR-320a MIMAT0000510	AAAAGCUGGGUUGAGAGGGCGA	22
A-miRNA#244	>hsa-miR-200c-5p MIMAT0004657	CGUCUUACCCAGCAGUGUUUGG	22
A-miRNA#245	>hsa-miR-200c-3p MIMAT0000617	UAAUACUGCCGGUAAUGAUGGA	23
A-miRNA#246	>hsa-miR-155-5p MIMAT0000646	UUA AUGCUAAUCGUGAUAGGGGU	23
A-miRNA#247	>hsa-miR-155-3p MIMAT0004658	CUCCUACAUAUUAGCAUUAACA	22
A-miRNA#248	>hsa-miR-194-3p MIMAT0004671	CCAGUGGGCUGCUGUUAUCUG	22
A-miRNA#249	>hsa-miR-106b-5p MIMAT0000680	UAAAGUGCUGACAGUGCAGAU	21
A-miRNA#250	>hsa-miR-106b-3p MIMAT0004672	CCGCACUGUGGGUACUUGCUGC	22
A-miRNA#251	>hsa-miR-29c-5p MIMAT0004673	UGACCGAUUUCUCCUGGUGUUC	22
A-miRNA#252	>hsa-miR-29c-3p MIMAT0000681	UAGCACCAUUUGAAUUCGUUA	22
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A-miRNA#254	>hsa-miR-200a-5p MIMAT0001620	CAUCUUACCGGACAGUGCUGGA	22
A-miRNA#255	>hsa-miR-200a-3p MIMAT0000682	U AACACUGUCUGGUAACGAUGU	22
A-miRNA#256	>hsa-miR-302a-5p MIMAT0000683	ACU UAAACGUGGAUGUACUUGCU	23
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A-miRNA#258	>hsa-miR-219-2-3p MIMAT0004675	AGAAUUGUGGCUGGACAUCUGU	22
A-miRNA#259	>hsa-miR-34b-5p MIMAT0000685	UAGGCAGUGUCAUUAGCUGAUUG	23
A-miRNA#260	>hsa-miR-34b-3p MIMAT0004676	CAAUCACUAACUCCACUGCCAU	22
A-miRNA#261	>hsa-miR-34c-5p MIMAT0000686	AGGCAGUGUAGUUAGCUGAUUGC	23
A-miRNA#262	>hsa-miR-34c-3p MIMAT0004677	AAUCACUAACCACACGCCAGG	22
A-miRNA#263	>hsa-miR-299-5p MIMAT0002890	UGGUUUACCGUCCCAUAUACAU	22
A-miRNA#264	>hsa-miR-299-3p MIMAT0000687	UAUGUGGGAUGGUA AACCGCUU	22
A-miRNA#265	>hsa-miR-301a-5p MIMAT0022696	GCUCUGACUUUAUUGCACUACU	22
A-miRNA#266	>hsa-miR-301a-3p MIMAT0000688	CAGUGCAAUAGUAUUGUCAAAAGC	23
A-miRNA#267	>hsa-miR-99b-5p MIMAT0000689	CACCCGUAGAACCGACCUUGCG	22
A-miRNA#268	>hsa-miR-99b-3p MIMAT0004678	CAAGCUCGUGUCUGUGGGUCCG	22
A-miRNA#269	>hsa-miR-296-5p MIMAT0000690	AGGGCCCCCCCUGAAUCCUGU	21
A-miRNA#270	>hsa-miR-296-3p MIMAT0004679	GAGGGUUGGGUGGAGGCUCUCC	22
A-miRNA#271	>hsa-miR-130b-5p MIMAT0004680	ACUCUUUCCUGUUGCACUAC	21
A-miRNA#272	>hsa-miR-130b-3p MIMAT0000691	CAGUGCAAUGAUGAAAGGGCAU	22
A-miRNA#273	>hsa-miR-30e-5p MIMAT0000692	UGUAAACAUCUUGACUGGAAG	22
A-miRNA#274	>hsa-miR-30e-3p MIMAT0000693	CUUUCAGUCGGAUGUUUACAGC	22
A-miRNA#275	>hsa-miR-26a-2-3p MIMAT0004681	CCUAUUCUUGAUUACUUGUUUC	22
A-miRNA#276	>hsa-miR-361-5p MIMAT0000703	UUAUCAGAAUCUCCAGGGGUAC	22
A-miRNA#277	>hsa-miR-361-3p MIMAT0004682	UCCCCAGGUGUGAUUCUGAUUU	23

A-miRNA#278	>hsa-miR-362-5p MIMAT0000705	AAUCCUUGGAACCUAGGUGUGAGU	24
A-miRNA#279	>hsa-miR-362-3p MIMAT0004683	AACACACCUAUUCAAGGAUUCA	22
A-miRNA#280	>hsa-miR-363-5p MIMAT0003385	CGGGUGGAUCACGAUGCAAUUU	22
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A-miRNA#290	>hsa-miR-302d-5p MIMAT0004685	ACUUUAACAUGGAGGCACUUGC	22
A-miRNA#291	>hsa-miR-302d-3p MIMAT0000718	UAAGUGCUUCCAUGUUUGAGUGU	23
A-miRNA#292	>hsa-miR-367-5p MIMAT0004686	ACUGUUGCUAUAUGCAACUCU	22
A-miRNA#293	>hsa-miR-367-3p MIMAT0000719	AAUUGCACUUUAGCAAUGGUGA	22
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A-miRNA#298	>hsa-miR-370 MIMAT0000722	GCCUGCUGGGUGGAACCUGGU	22
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A-miRNA#301	>hsa-miR-372 MIMAT0000724	AAAGUGCUGCGACAUUUGAGCGU	23
A-miRNA#302	>hsa-miR-373-5p MIMAT0000725	ACUCAAAUUGGGGGCGCUUUC	22
A-miRNA#303	>hsa-miR-373-3p MIMAT0000726	GAAGUGCUUCGAUUUUGGGGUGU	23
A-miRNA#304	>hsa-miR-374a-5p MIMAT0000727	UUUAUAUACAACCUGAUAAGUG	22
A-miRNA#305	>hsa-miR-374a-3p MIMAT0004688	CUUAUCAGAUUGUAUUGUAAUU	22
A-miRNA#306	>hsa-miR-375 MIMAT0000728	UUUGUUCGUUCGGCUCGCGUGA	22
A-miRNA#307	>hsa-miR-376a-5p MIMAT0003386	GUAGAUUCUCCUUCUAUGAGUA	22
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A-miRNA#319	>hsa-miR-382-5p MIMAT0000737	GAAGUUGUUCGUGGUGGAUUCG	22
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A-miRNA#321	>hsa-miR-383 MIMAT0000738	AGAUCAGAAGGUGAUUGUGGCU	22
A-miRNA#322	>hsa-miR-340-5p MIMAT0004692	UUUAUAAAGCAAUGAGACUGAUU	22
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A-miRNA#325	>hsa-miR-330-3p MIMAT0000751	GCAAAGCACACGGCCUGCAGAGA	23
A-miRNA#326	>hsa-miR-328 MIMAT0000752	CUGGCCCUCUCUGCCCUUCCGU	22
A-miRNA#327	>hsa-miR-342-5p MIMAT0004694	AGGGGUGCUAUCUGUGAUUGA	21
A-miRNA#328	>hsa-miR-342-3p MIMAT0000753	UCUCACACAGAAAUCGCACCCGU	23
A-miRNA#329	>hsa-miR-337-5p MIMAT0004695	GAACGGCUUCAUACAGGAGUU	21
A-miRNA#330	>hsa-miR-337-3p MIMAT0000754	CUCCUAUAUGAUGCCUUUCUUC	22
A-miRNA#331	>hsa-miR-323a-5p MIMAT0004696	AGGUGGUCCGUGGCGCGUUCGC	22
A-miRNA#332	>hsa-miR-323a-3p MIMAT0000755	CACAUUACACGGUCGACCUCU	21
A-miRNA#333	>hsa-miR-326 MIMAT0000756	CCUCUGGGCCCUUCCUCCAG	20
A-miRNA#334	>hsa-miR-151a-5p MIMAT0004697	UCGAGGAGCUCACAGUCUAGU	21
A-miRNA#335	>hsa-miR-151a-3p MIMAT0000757	CUAGACUGAAGCUCCUUGAGG	21
A-miRNA#336	>hsa-miR-135b-5p MIMAT0000758	UAUGGCUUUUCAUCCUAUGUGA	23
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A-miRNA#338	>hsa-miR-148b-5p MIMAT0004699	AAGUUCUGUUAUACACUCAGGC	22
A-miRNA#339	>hsa-miR-148b-3p MIMAT0000759	UCAGUGCAUCACAGAACUUUGU	22
A-miRNA#340	>hsa-miR-331-5p MIMAT0004700	CUAGGUAUGGUCCAGGGAUCC	22
A-miRNA#341	>hsa-miR-331-3p MIMAT0000760	GCCCCUGGGCCUAUCCUAGAA	21
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A-miRNA#343	>hsa-miR-324-3p MIMAT0000762	ACUGCCCCAGGUGCUGCUGG	20
A-miRNA#344	>hsa-miR-338-5p MIMAT0004701	AACAAUAUCCUGGUGCUGAGUG	22
A-miRNA#345	>hsa-miR-338-3p MIMAT0000763	UCCAGCAUCAGUGAUUUUGUUG	22
A-miRNA#346	>hsa-miR-339-5p MIMAT0000764	UCCUGUCCUCCAGGAGCUCACG	23
A-miRNA#347	>hsa-miR-339-3p MIMAT0004702	UGAGCGCCUCGACGACAGAGCCG	23
A-miRNA#348	>hsa-miR-335-5p MIMAT0000765	UCAAGAGCAAUACGAAAAAUGU	23
A-miRNA#349	>hsa-miR-335-3p MIMAT0004703	UUUUUCAUUAUUGCUCCUGACC	22
A-miRNA#350	>hsa-miR-133b MIMAT0000770	UUUGGUCCCCUUAACCAGCUA	22
A-miRNA#351	>hsa-miR-325 MIMAT0000771	CCUAGUAGGUGUCCAGUAAGUGU	23
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A-miRNA#353	>hsa-miR-345-3p MIMAT0022698	GCCCUGAACGAGGGGUCUGGAG	22
A-miRNA#354	>hsa-miR-346 MIMAT0000773	UGUCUGCCCGCAUGCCUGCCUCU	23
A-miRNA#355	>hsa-miR-384 MIMAT0001075	AUUCUAGAAAUUGUUCAUA	20
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A-miRNA#358	>hsa-miR-422a MIMAT0001339	ACUGGACUUAAGGUCAGAAGGC	22
A-miRNA#359	>hsa-miR-423-5p MIMAT0004748	UGAGGGGCAGAGAGCGAGACUUU	23
A-miRNA#360	>hsa-miR-423-3p MIMAT0001340	AGCUCGGUCUGAGGCCCCUCAGU	23
A-miRNA#361	>hsa-miR-424-5p MIMAT0001341	CAGCAGCAAUUAUGUUUUUGAA	22
A-miRNA#362	>hsa-miR-424-3p MIMAT0004749	CAAAACGUGAGGCGCUGCUAU	21
A-miRNA#363	>hsa-miR-425-5p MIMAT0003393	AAUGACACGAUCACUCCCGUUGA	23
A-miRNA#364	>hsa-miR-425-3p MIMAT0001343	AUCGGGAAUGUCGUGUCCGCC	22
A-miRNA#365	>hsa-miR-18b-5p MIMAT0001412	UAAGGUGCAUCUAGUGCAGUUAG	23
A-miRNA#366	>hsa-miR-18b-3p MIMAT0004751	UGCCCUAAAUGCCCCUUCUGGC	22
A-miRNA#367	>hsa-miR-20b-5p MIMAT0001413	CAAAGUGCUCUAGUGCAGGUAG	23
A-miRNA#368	>hsa-miR-20b-3p MIMAT0004752	ACUGUAGUAUGGGCACUCCAG	22
A-miRNA#369	>hsa-miR-448 MIMAT0001532	UUGCAUAUGUAGGAUGUCCAU	22
A-miRNA#370	>hsa-miR-429 MIMAT0001536	UAAUACUGUCUGGUAAAACCGU	22
A-miRNA#371	>hsa-miR-449a MIMAT0001541	UGGCAGUGUAUUGUAGCUGGU	22

A-miRNA#372	>hsa-miR-450a-5p MIMAT0001545	UUUUGCGAUGUGUUCCUAAUUAU	22
A-miRNA#373	>hsa-miR-431-5p MIMAT0001625	UGUCUUGCAGGCCGUCAUGCA	21
A-miRNA#374	>hsa-miR-431-3p MIMAT0004757	CAGGUCGUCUUGCAGGGCUUCU	22
A-miRNA#375	>hsa-miR-433 MIMAT0001627	AUCAUGAUGGGCUCCUCGGUGU	22
A-miRNA#376	>hsa-miR-329 MIMAT0001629	AACACACCUGGUUAACCUUUU	22
A-miRNA#377	>hsa-miR-451a MIMAT0001631	AAACCGUUACCAUUACUGAGUU	22
A-miRNA#378	>hsa-miR-452-5p MIMAT0001635	AACUGUUUGCAGAGGAAACUGA	22
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A-miRNA#380	>hsa-miR-409-5p MIMAT0001638	AGGUUACCCGAGCAACUUUGCAU	23
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A-miRNA#382	>hsa-miR-412 MIMAT0002170	ACUUCACCUGGUCCACUAGCCGU	23
A-miRNA#383	>hsa-miR-410 MIMAT0002171	AAUAUAACACAGAUGGCCUGU	21
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A-miRNA#385	>hsa-miR-376b-3p MIMAT0002172	AUCAUAGAGGAAAAUCCAUGUU	22
A-miRNA#386	>hsa-miR-483-5p MIMAT0004761	AAGACGGGAGGAAAGAAGGGAG	22
A-miRNA#387	>hsa-miR-483-3p MIMAT0002173	UCACUCCUCUCCUCCCGUCUU	21
A-miRNA#388	>hsa-miR-484 MIMAT0002174	UCAGGCUCAGUCCCUCCCGAU	22
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A-miRNA#390	>hsa-miR-485-3p MIMAT0002176	GUCAUACACGGCUCUCCUCUCU	22
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A-miRNA#392	>hsa-miR-486-3p MIMAT0004762	CGGGGCAGCUCAGUACAGGAU	21
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A-miRNA#394	>hsa-miR-488-5p MIMAT0002804	CCCAGAUAAUGGCACUCUCAA	21
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A-miRNA#397	>hsa-miR-490-5p MIMAT0004764	CCAUGGAUCUCCAGGUGGGU	20
A-miRNA#398	>hsa-miR-490-3p MIMAT0002806	CAACCUGGAGGACUCCAUGCUG	22
A-miRNA#399	>hsa-miR-491-5p MIMAT0002807	AGUGGGGAACCCUCCAUGAGG	22
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A-miRNA#401	>hsa-miR-511 MIMAT0002808	GUGUCUUUUGCUCUGCAGUCA	21
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A-miRNA#403	>hsa-miR-146b-3p MIMAT0004766	UGCCUGUGGACUCAGUUCUGG	22
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A-miRNA#405	>hsa-miR-202-3p MIMAT0002811	AGAGGUUAUAGGGCAUGGGAA	20
A-miRNA#406	>hsa-miR-492 MIMAT0002812	AGGACCUGCGGACAAGAUUCUU	23
A-miRNA#407	>hsa-miR-493-5p MIMAT0002813	UUGUACAUGGUAGGCUUUCAUU	22
A-miRNA#408	>hsa-miR-493-3p MIMAT0003161	UGAAGGUCUACUGUGUGCCAGG	22
A-miRNA#409	>hsa-miR-432-5p MIMAT0002814	UCUUGGAGUAGGUCAUUGGGUGG	23
A-miRNA#410	>hsa-miR-432-3p MIMAT0002815	CUGGAUGGCUCUCCAUGUCU	21
A-miRNA#411	>hsa-miR-494 MIMAT0002816	UGAAACAUACACGGGAAACCUC	22
A-miRNA#412	>hsa-miR-495-5p MIMAT0022924	GAAGUUGCCCAUGUUAUUUUCG	22
A-miRNA#413	>hsa-miR-495-3p MIMAT0002817	AAACAAACAUGGUGCACUUCUU	22
A-miRNA#414	>hsa-miR-496 MIMAT0002818	UGAGUAUUACAUGGCCAAUCUC	22
A-miRNA#415	>hsa-miR-193b-5p MIMAT0004767	CGGGGUUUUGAGGGCGAGAUGA	22
A-miRNA#416	>hsa-miR-193b-3p MIMAT0002819	AACUGGCCCUCAAAGUCCCGCU	22
A-miRNA#417	>hsa-miR-497-5p MIMAT0002820	CAGCAGCACACUGUGGUUUGU	21
A-miRNA#418	>hsa-miR-497-3p MIMAT0004768	CAAACCACACUGUGGUUAGA	22

A-miRNA#419	>hsa-miR-181d MIMAT0002821	AACAUUCAUUGUUGUCGGUGGGU	23
A-miRNA#420	>hsa-miR-512-5p MIMAT0002822	CACUCAGCCUUGAGGGCACUUUC	23
A-miRNA#421	>hsa-miR-512-3p MIMAT0002823	AAGUGCUGUCAUAGCUGAGGUC	22
A-miRNA#422	>hsa-miR-498 MIMAT0002824	UUUCAAGCCAGGGGGCGUUUUUC	23
A-miRNA#423	>hsa-miR-520e MIMAT0002825	AAAGUGCUUCCUUUUUGAGGG	21
A-miRNA#424	>hsa-miR-515-5p MIMAT0002826	UUCUCCAAAAGAAAGCACUUUCUG	24
A-miRNA#425	>hsa-miR-515-3p MIMAT0002827	GAGUGCCUUCUUUUUGGAGCGUU	22
A-miRNA#426	>hsa-miR-519e-5p MIMAT0002828	UUCUCCAAAAGGGAGCACUUUC	22
A-miRNA#427	>hsa-miR-519e-3p MIMAT0002829	AAGUGCCUCCUUUUAGAGUGUU	22
A-miRNA#428	>hsa-miR-520f MIMAT0002830	AAGUGCUUCCUUUUAGAGGGUU	22
A-miRNA#429	>hsa-miR-519c-5p MIMAT0002831	CUCUAGAGGGAAGCGCUUUCUG	22
A-miRNA#430	>hsa-miR-519c-3p MIMAT0002832	AAAGUGCAUCUUUUUAGAGGAU	22
A-miRNA#431	>hsa-miR-520a-5p MIMAT0002833	CUCCAGAGGGAAGUACUUUCU	21
A-miRNA#432	>hsa-miR-520a-3p MIMAT0002834	AAAGUGCUUCCCUUUGGACUGU	22
A-miRNA#433	>hsa-miR-526b-5p MIMAT0002835	CUCUUGAGGGAAGCACUUUCUGU	23
A-miRNA#434	>hsa-miR-526b-3p MIMAT0002836	GAAAGUGCUUCCUUUUAGAGGC	22
A-miRNA#435	>hsa-miR-519b-5p MIMAT0005454	CUCUAGAGGGAAGCGCUUUCUG	22
A-miRNA#436	>hsa-miR-519b-3p MIMAT0002837	AAAGUGCAUCCUUUUAGAGGUU	22
A-miRNA#437	>hsa-miR-525-5p MIMAT0002838	CUCCAGAGGGAUGCACUUUCU	21
A-miRNA#438	>hsa-miR-525-3p MIMAT0002839	GAAGGCGCUUCCCUUAGAGCG	22
A-miRNA#439	>hsa-miR-523-5p MIMAT0005449	CUCUAGAGGGAAGCGCUUUCUG	22
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A-miRNA#441	>hsa-miR-518f-5p MIMAT0002841	CUCUAGAGGGAAGCACUUUCUC	22
A-miRNA#442	>hsa-miR-518f-3p MIMAT0002842	GAAAGCGCUUCUCUUUAGAGG	21
A-miRNA#443	>hsa-miR-520b MIMAT0002843	AAAGUGCUUCCUUUUAGAGGG	21
A-miRNA#444	>hsa-miR-518b MIMAT0002844	CAAAGCGCUCCCCUUUAGAGGU	22
A-miRNA#445	>hsa-miR-526a MIMAT0002845	CUCUAGAGGGAAGCACUUUCUG	22
A-miRNA#446	>hsa-miR-520c-5p MIMAT0005455	CUCUAGAGGGAAGCACUUUCUG	22
A-miRNA#447	>hsa-miR-520c-3p MIMAT0002846	AAAGUGCUUCCUUUUAGAGGGU	22
A-miRNA#448	>hsa-miR-518c-5p MIMAT0002847	UCUCUGGAGGGAAGCACUUUCUG	23
A-miRNA#449	>hsa-miR-518c-3p MIMAT0002848	CAAAGCGCUUCUCUUUAGAGUGU	23
A-miRNA#450	>hsa-miR-524-5p MIMAT0002849	CUACAAAGGGAAGCACUUUCUC	22
A-miRNA#451	>hsa-miR-524-3p MIMAT0002850	GAAGGCGCUUCCCUUUGGAGU	21
A-miRNA#452	>hsa-miR-517-5p MIMAT0002851	CCUCUAGAUGGAAGCACUGUCU	22
A-miRNA#453	>hsa-miR-517a-3p MIMAT0002852	AUCGUGCAUCCCUUUAGAGUGU	22
A-miRNA#454	>hsa-miR-519d MIMAT0002853	CAAAGUGCCUCCCUUUAGAGUG	22
A-miRNA#455	>hsa-miR-521 MIMAT0002854	AACGCACUUCCCUUUAGAGUGU	22
A-miRNA#456	>hsa-miR-520d-5p MIMAT0002855	CUACAAAGGGAAGCCCUUUC	20
A-miRNA#457	>hsa-miR-520d-3p MIMAT0002856	AAAGUGCUUCUCUUUGGUGGGU	22
A-miRNA#458	>hsa-miR-517b-3p MIMAT0002857	AUCGUGCAUCCCUUUAGAGUGU	22
A-miRNA#459	>hsa-miR-520g MIMAT0002858	ACAAAGUGCUUCCCUUUAGAGUGU	24
A-miRNA#460	>hsa-miR-516b-5p MIMAT0002859	AUCUGGAGGUAAGAAGCACUUU	22
A-miRNA#461	>hsa-miR-516b-3p MIMAT0002860	UGCUUCCUUUCAGAGGGU	18
A-miRNA#462	>hsa-miR-518e-5p MIMAT0005450	CUCUAGAGGGAAGCGCUUUCUG	22
A-miRNA#463	>hsa-miR-518e-3p MIMAT0002861	AAAGCGCUUCCCUUCAGAGUG	21
A-miRNA#464	>hsa-miR-518a-5p MIMAT0005457	CUGCAAAGGGAAGCCCUUUC	20
A-miRNA#465	>hsa-miR-518a-3p MIMAT0002863	GAAAGCGCUUCCCUUUGCUGGA	22

A-miRNA#466	>hsa-miR-518d-5p MIMAT0005456	CUCUAGAGGGAAGCACUUUCUG	22
A-miRNA#467	>hsa-miR-518d-3p MIMAT0002864	CAAAGCGCUUCCCUUUGGAGC	21
A-miRNA#468	>hsa-miR-517c-3p MIMAT0002866	AUCGUGCAUCCUUUUAGAGUGU	22
A-miRNA#469	>hsa-miR-520h MIMAT0002867	ACAAAGUGCUUCCCUUUAGAGU	22
A-miRNA#470	>hsa-miR-522-5p MIMAT0005451	CUCUAGAGGGAAGCGCUUUCUG	22
A-miRNA#471	>hsa-miR-522-3p MIMAT0002868	AAAUGGUUCCCUUUAGAGUGU	22
A-miRNA#472	>hsa-miR-519a-5p MIMAT0005452	CUCUAGAGGGAAGCGCUUUCUG	22
A-miRNA#473	>hsa-miR-519a-3p MIMAT0002869	AAAGUGCAUCCUUUUAGAGUGU	22
A-miRNA#474	>hsa-miR-527 MIMAT0002862	CUGCAAAGGGAAGCCCUUUC	20
A-miRNA#475	>hsa-miR-516a-5p MIMAT0004770	UUCUCGAGGAAAGAAGCACUUUC	23
A-miRNA#476	>hsa-miR-516a-3p MIMAT0006778	UGCUUCCUUUCAGAGGGU	18
A-miRNA#477	>hsa-miR-499a-5p MIMAT0002870	UUAAGACUUGCAGUGAUGUUU	21
A-miRNA#478	>hsa-miR-499a-3p MIMAT0004772	AACAUCACAGCAAGUCUGUGCU	22
A-miRNA#479	>hsa-miR-500a-5p MIMAT0004773	UAAUCCUUGCUACCUGGGUGAGA	23
A-miRNA#480	>hsa-miR-500a-3p MIMAT0002871	AUGCACCUGGGCAAGGAUUCUG	22
A-miRNA#481	>hsa-miR-501-5p MIMAT0002872	AAUCCUUUGUCCUUGGGUGAGA	22
A-miRNA#482	>hsa-miR-501-3p MIMAT0004774	AAUGCACCCGGGCAAGGAUUCU	22
A-miRNA#483	>hsa-miR-502-5p MIMAT0002873	AUCCUUGCUAUCUGGGUGCUA	21
A-miRNA#484	>hsa-miR-502-3p MIMAT0004775	AAUGCACCUGGGCAAGGAUUCA	22
A-miRNA#485	>hsa-miR-450a-3p MIMAT0022700	AUUGGGGACAUUUUGCAUUCU	22
A-miRNA#486	>hsa-miR-503-5p MIMAT0002874	UAGCAGCGGGAACAGUUCUGCAG	23
A-miRNA#487	>hsa-miR-503-3p MIMAT0022925	GGGGUAAUUGUUUCCGCGCCAGG	23
A-miRNA#488	>hsa-miR-504 MIMAT0002875	AGACCCUGGUCUGCACUCUAUC	22
A-miRNA#489	>hsa-miR-505-5p MIMAT0004776	GGGAGCCAGGAAGUAUUGAUGU	22
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A-miRNA#491	>hsa-miR-513a-5p MIMAT0002877	UUCACAGGGAGGUGUCAU	18
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A-miRNA#493	>hsa-miR-506-5p MIMAT0022701	UAUUCAGGAAGGUGUACUUA	22
A-miRNA#494	>hsa-miR-506-3p MIMAT0002878	UAAGGCACCCUUCUGAGUAGA	21
A-miRNA#495	>hsa-miR-507 MIMAT0002879	UUUUGCACCUUUUGGAGUGAA	21
A-miRNA#496	>hsa-miR-508-5p MIMAT0004778	UACUCCAGAGGGCGUCACUCAUG	23
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A-miRNA#498	>hsa-miR-509-5p MIMAT0004779	UACUGCAGACAGUGGCAUCA	21
A-miRNA#499	>hsa-miR-509-3p MIMAT0002881	UGAUUGGUACGUCUGUGGGUAG	22
A-miRNA#500	>hsa-miR-510 MIMAT0002882	UACUCAGGAGAGUGGCAAUCAC	22
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A-miRNA#502	>hsa-miR-514a-3p MIMAT0002883	AUUGACACUUCUGUGAGUAGA	21
A-miRNA#503	>hsa-miR-532-5p MIMAT0002888	CAUGCCUUGAGUGUAGGACCGU	22
A-miRNA#504	>hsa-miR-532-3p MIMAT0004780	CCUCCACACCCAAGGCUUGCA	22
A-miRNA#505	>hsa-miR-455-5p MIMAT0003150	UAUGUGCCUUUGGACUACAUCG	22
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A-miRNA#507	>hsa-miR-539-5p MIMAT0003163	GGAGAAAUUAUCCUUGGUGUGU	22
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A-miRNA#509	>hsa-miR-544a MIMAT0003164	AUUCUGCAUUUUUAGCAAGUUC	22
A-miRNA#510	>hsa-miR-545-5p MIMAT0004785	UCAGUAAAUGUUUAUUAGAUGA	22
A-miRNA#511	>hsa-miR-545-3p MIMAT0003165	UCAGCAAACAUUUUAUUGUGUC	22
A-miRNA#512	>hsa-miR-376a-2-5p MIMAT0022928	GGUAGAUUUUCCUUCUAUGGU	21

A-miRNA#513	>hsa-miR-487b MIMAT0003180	AAUCGUACAGGGUCAUCCACUU	22
A-miRNA#514	>hsa-miR-551a MIMAT0003214	GCGACCCACUCUUGGUUUCCA	21
A-miRNA#515	>hsa-miR-552 MIMAT0003215	AACAGGUGACUGGUUAGACAA	21
A-miRNA#516	>hsa-miR-553 MIMAT0003216	AAAACGGUGAGAUUUUGUUUU	21
A-miRNA#517	>hsa-miR-554 MIMAT0003217	GCUAGUCCUGACUCAGCCAGU	21
A-miRNA#518	>hsa-miR-92b-5p MIMAT0004792	AGGGACGGGACGCGGUGCAGUG	22
A-miRNA#519	>hsa-miR-92b-3p MIMAT0003218	UAUUGCACUCGUCCCGGCCUCC	22
A-miRNA#520	>hsa-miR-555 MIMAT0003219	AGGGUAAGCUGAACCCUCUGAU	21
A-miRNA#521	>hsa-miR-556-5p MIMAT0003220	GAUGAGCUCAUUGUAAUAUGAG	22
A-miRNA#522	>hsa-miR-556-3p MIMAT0004793	AUAUUACCAUUAGCUCAUCUUU	22
A-miRNA#523	>hsa-miR-557 MIMAT0003221	GUUUGCACGGGUGGGCCUUGUCU	23
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A-miRNA#525	>hsa-miR-559 MIMAT0003223	UAAAGUAAAUAUGCACCAAAA	21
A-miRNA#526	>hsa-miR-561-5p MIMAT0022706	AUCAAGGAUCUAAAACUUUGCC	22
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A-miRNA#528	>hsa-miR-562 MIMAT0003226	AAAGUAGCUGUACCAUUUGC	20
A-miRNA#529	>hsa-miR-563 MIMAT0003227	AGGUUGACAUACGUUUCCC	19
A-miRNA#530	>hsa-miR-564 MIMAT0003228	AGGCACGGUGUCAGCAGGC	19
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A-miRNA#532	>hsa-miR-567 MIMAT0003231	AGUAUGUUCUCCAGGACAGAAC	23
A-miRNA#533	>hsa-miR-568 MIMAT0003232	AUGUAUAAAUGUAUACACAC	20
A-miRNA#534	>hsa-miR-551b-5p MIMAT0004794	GAAAUCAAGCGUGGGUGAGACC	22
A-miRNA#535	>hsa-miR-551b-3p MIMAT0003233	GCGACCCAUACUUGGUUUCAG	21
A-miRNA#536	>hsa-miR-569 MIMAT0003234	AGUUAUGAAUCCUGGAAAGU	21
A-miRNA#537	>hsa-miR-570-5p MIMAT0022707	AAAGGUAAUUGCAGUUUUUCCC	22
A-miRNA#538	>hsa-miR-570-3p MIMAT0003235	CGAAAACAGCAAUUACCUUUGC	22
A-miRNA#539	>hsa-miR-571 MIMAT0003236	UGAGUUGGCCAUCUGAGUGAG	21
A-miRNA#540	>hsa-miR-572 MIMAT0003237	GUCCGCUCGGCGGUGGCCCA	20
A-miRNA#541	>hsa-miR-573 MIMAT0003238	CUGAAGUGAUGUGUAACUGAUCAG	24
A-miRNA#542	>hsa-miR-574-5p MIMAT0004795	UGAGUGUGUGUGUGUGAGUGUGU	23
A-miRNA#543	>hsa-miR-574-3p MIMAT0003239	CACGCUCAUGCACACACCCACA	22
A-miRNA#544	>hsa-miR-575 MIMAT0003240	GAGCCAGUUGGACAGGAGC	19
A-miRNA#545	>hsa-miR-576-5p MIMAT0003241	AUUCUAAUUUCUCCACGUCUUU	22
A-miRNA#546	>hsa-miR-576-3p MIMAT0004796	AAGAUGUGGAAAAAUUGGAAUC	22
A-miRNA#547	>hsa-miR-577 MIMAT0003242	UAGAUAAAAUAUUGGUACCUG	21
A-miRNA#548	>hsa-miR-578 MIMAT0003243	CUUCUUGUGCUCUAGGAUUGU	21
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A-miRNA#550	>hsa-miR-580 MIMAT0003245	UUGAGAAUGAUGAAUCAUUAGG	22
A-miRNA#551	>hsa-miR-581 MIMAT0003246	UCUUGUGUUCUCUAGAUCAGU	21
A-miRNA#552	>hsa-miR-582-5p MIMAT0003247	UUACAGUUGUUAACCAGUUACU	23
A-miRNA#553	>hsa-miR-582-3p MIMAT0004797	UACUGGUUGAACACUGAACCC	22
A-miRNA#554	>hsa-miR-583 MIMAT0003248	CAAAGAGGAAGGUCCCAUUAC	21
A-miRNA#555	>hsa-miR-584-5p MIMAT0003249	UUAUGGUUUGCCUGGGACUGAG	22
A-miRNA#556	>hsa-miR-584-3p MIMAT0022708	UCAGUUCACAGGCCAACAGGCU	22
A-miRNA#557	>hsa-miR-585 MIMAT0003250	UGGGCGUAUCUGUAUGCUA	19
A-miRNA#558	>hsa-miR-548a-3p MIMAT0003251	CAAAACUGGCAAUUACUUUUGC	22
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A-miRNA#560	>hsa-miR-587 MIMAT0003253	UUUCCAUAGGUGAUGAGUCAC	21
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A-miRNA#562	>hsa-miR-548b-3p MIMAT0003254	CAAGAACCUCAGUUGCUUUUGU	22
A-miRNA#563	>hsa-miR-588 MIMAT0003255	UUGGCCACAAUGGGUUAGAAC	21
A-miRNA#564	>hsa-miR-589-5p MIMAT0004799	UGAGAACCACGUCUGCUCUGAG	22
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A-miRNA#566	>hsa-miR-550a-5p MIMAT0004800	AGUGCCUGAGGGAGUAAGAGCCC	23
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A-miRNA#572	>hsa-miR-593-5p MIMAT0003261	AGGCACCAGCCAGGCAUUGCUCAGC	25
A-miRNA#573	>hsa-miR-593-3p MIMAT0004802	UGUCUCUGCUGGGGUUUCU	19
A-miRNA#574	>hsa-miR-595 MIMAT0003263	GAAGUGUGCCGUGGUGUGUCU	21
A-miRNA#575	>hsa-miR-596 MIMAT0003264	AAGCCUGCCCGGCCUCCUCGGG	21
A-miRNA#576	>hsa-miR-597 MIMAT0003265	UGUGUCACUCGAUGACCACUGU	22
A-miRNA#577	>hsa-miR-598 MIMAT0003266	UACGUCAUCGUUGUCAUCGUCA	22
A-miRNA#578	>hsa-miR-599 MIMAT0003267	GUUGUGUCAGUUUAUCAAAC	20
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A-miRNA#580	>hsa-miR-600 MIMAT0003268	ACUUAACAGACAAGAGCCUUGCUC	23
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A-miRNA#582	>hsa-miR-602 MIMAT0003270	GACACGGGCGACAGCUGCGGCC	23
A-miRNA#583	>hsa-miR-603 MIMAT0003271	CACACACUGCAAUACUUUUGC	22
A-miRNA#584	>hsa-miR-604 MIMAT0003272	AGGUCGCGAAUUCAGGAC	19
A-miRNA#585	>hsa-miR-605 MIMAT0003273	UAAAUCCCAUGGUGCCUUCUCCU	23
A-miRNA#586	>hsa-miR-606 MIMAT0003274	AAACUACUGAAAAUCAAGAU	21
A-miRNA#587	>hsa-miR-607 MIMAT0003275	GUUCAAAUCCAGAUUAUAAC	21
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A-miRNA#591	>hsa-miR-611 MIMAT0003279	GCGAGGACCCUCGGGGUCUGAC	23
A-miRNA#592	>hsa-miR-612 MIMAT0003280	GCUGGGCAGGGCUUCUGAGCUCCU	25
A-miRNA#593	>hsa-miR-613 MIMAT0003281	AGGAAUGUUCUUCUUUGCC	20
A-miRNA#594	>hsa-miR-614 MIMAT0003282	GAACGCCUGUUCUUGCCAGGUGG	23
A-miRNA#595	>hsa-miR-615-5p MIMAT0004804	GGGGGUCCCCGUGCUCGGAUC	22
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A-miRNA#601	>hsa-miR-617 MIMAT0003286	AGACUCCCAUUUGAAGGUGGC	22
A-miRNA#602	>hsa-miR-618 MIMAT0003287	AAACUCUACUUGUCCUUCUGAGU	23
A-miRNA#603	>hsa-miR-619 MIMAT0003288	GACCUGGACAUGUUUGUGCCCAGU	24
A-miRNA#604	>hsa-miR-620 MIMAT0003289	AUGGAGAUAGAUUAAGAAAU	20
A-miRNA#605	>hsa-miR-621 MIMAT0003290	GGCUAGCAACAGCGCUUACCU	21
A-miRNA#606	>hsa-miR-622 MIMAT0003291	ACAGUCUGCUGAGGUUGGAGC	21

A-miRNA#607	>hsa-miR-623 MIMAT0003292	AUCCCUUGCAGGGGCUGUUGGGU	23
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A-miRNA#609	>hsa-miR-624-3p MIMAT0004807	CACAAGGUAAUUGGUUUUACCU	21
A-miRNA#610	>hsa-miR-625-5p MIMAT0003294	AGGGGGAAAGUUCUAUAGUCC	21
A-miRNA#611	>hsa-miR-625-3p MIMAT0004808	GACUUAAGAACUUUCCCCUCA	22
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A-miRNA#613	>hsa-miR-627 MIMAT0003296	GUGAGUCUCUAAGAAAAGAGGA	22
A-miRNA#614	>hsa-miR-628-5p MIMAT0004809	AUGCUGACAUUUUACUAGAGG	22
A-miRNA#615	>hsa-miR-628-3p MIMAT0003297	UCUAGUAAGAGUGGCAGUCGA	21
A-miRNA#616	>hsa-miR-629-5p MIMAT0004810	UGGGUUUACGUUGGGAGAACU	21
A-miRNA#617	>hsa-miR-629-3p MIMAT0003298	GUUCUCCCAACGUAAGCCCAGC	22
A-miRNA#618	>hsa-miR-630 MIMAT0003299	AGUAUUCUGUACCAGGGAAGGU	22
A-miRNA#619	>hsa-miR-631 MIMAT0003300	AGACCUGGCCCAGACCUCAGC	21
A-miRNA#620	>hsa-miR-33b-5p MIMAT0003301	GUGCAUUGCUGUUGCAUUGC	20
A-miRNA#621	>hsa-miR-33b-3p MIMAT0004811	CAGUGCCUCGGCAGUGCAGCCC	22
A-miRNA#622	>hsa-miR-632 MIMAT0003302	GUGUCUGCUUCCUGUGGGA	19
A-miRNA#623	>hsa-miR-633 MIMAT0003303	CUAAUAGUAUCUACCACAAUAAA	23
A-miRNA#624	>hsa-miR-634 MIMAT0003304	AACCAGCACCCCAACUUUGGAC	22
A-miRNA#625	>hsa-miR-635 MIMAT0003305	ACUUGGGCACUGAAACAAUGUCC	23
A-miRNA#626	>hsa-miR-636 MIMAT0003306	UGUGCUUGCUCGUCCCGCCGCA	23
A-miRNA#627	>hsa-miR-637 MIMAT0003307	ACUGGGGGCUUUCGGGCUCUGCGU	24
A-miRNA#628	>hsa-miR-638 MIMAT0003308	AGGGAUCGCGGGCGGGUGGCGGCCU	25
A-miRNA#629	>hsa-miR-639 MIMAT0003309	AUCGCGCGGUUGCGAGCGCUGU	23
A-miRNA#630	>hsa-miR-640 MIMAT0003310	AUGAUCCAGGAACCUGCCUCU	21
A-miRNA#631	>hsa-miR-641 MIMAT0003311	AAAGACAUAGGAUAGAGUACCUC	24
A-miRNA#632	>hsa-miR-642a-5p MIMAT0003312	GUCCCUCUCCAAUGUGUCUUG	22
A-miRNA#633	>hsa-miR-642a-3p MIMAT0020924	AGACACAUUUGGAGAGGGAACC	22
A-miRNA#634	>hsa-miR-643 MIMAT0003313	ACUUGUAUGCUAGCUCAGGUAG	22
A-miRNA#635	>hsa-miR-644a MIMAT0003314	AGUGUGGCUUUCUUAGAGC	19
A-miRNA#636	>hsa-miR-645 MIMAT0003315	UCUAGGCUGGUACUGCUGA	19
A-miRNA#637	>hsa-miR-646 MIMAT0003316	AAGCAGCUGCCUCUGAGGC	19
A-miRNA#638	>hsa-miR-647 MIMAT0003317	GUGGCUGCACUCACUCCUUC	21
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A-miRNA#641	>hsa-miR-650 MIMAT0003320	AGGAGGCAGCGCUCUCAGGAC	21
A-miRNA#642	>hsa-miR-651 MIMAT0003321	UUUAGGAUAAGCUUGACUUUUG	22
A-miRNA#643	>hsa-miR-652-5p MIMAT0022709	CAACCCUAGGAGAGGGUGCCAUUA	25
A-miRNA#644	>hsa-miR-652-3p MIMAT0003322	AAUGGCGCCACUAGGGUUGUG	21
A-miRNA#645	>hsa-miR-548d-5p MIMAT0004812	AAAAGUAAUUGUGUUUUUGCC	22
A-miRNA#646	>hsa-miR-548d-3p MIMAT0003323	CAAAAACCACAGUUUCUUUUGC	22
A-miRNA#647	>hsa-miR-661 MIMAT0003324	UGCCUGGGUCUCUGGCCUGCGCGU	24
A-miRNA#648	>hsa-miR-662 MIMAT0003325	UCCCACGUUGUGGCCCAGCAG	21
A-miRNA#649	>hsa-miR-663a MIMAT0003326	AGGCGGGGCGCCGCGGACCGC	22
A-miRNA#650	>hsa-miR-449b-5p MIMAT0003327	AGGCAGUGUAUUGUUAGCUGGC	22
A-miRNA#651	>hsa-miR-449b-3p MIMAT0009203	CAGCCACAACUACCCUGCCACU	22
A-miRNA#652	>hsa-miR-653 MIMAT0003328	GUGUUGAAACAAUCUCUACUG	21
A-miRNA#653	>hsa-miR-411-5p MIMAT0003329	UAGUAGACCGUAUAGCGUACG	21

A-miRNA#654	>hsa-miR-411-3p MIMAT0004813	UAUGUAAACACGGUCCACUAACC	22
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A-miRNA#656	>hsa-miR-654-3p MIMAT0004814	UAUGUCUGCUGACCAUACCCUU	22
A-miRNA#657	>hsa-miR-655 MIMAT0003331	AUAAUACAUGGUUAACCUUUU	22
A-miRNA#658	>hsa-miR-656 MIMAT0003332	AAUAUUUAUACAGUCAACCUCU	21
A-miRNA#659	>hsa-miR-549a MIMAT0003333	UGACAACUAUGGAUGAGCUCU	21
A-miRNA#660	>hsa-miR-657 MIMAT0003335	GGCAGGUUCUCACCCUCUCUAGG	23
A-miRNA#661	>hsa-miR-658 MIMAT0003336	GGCGGAGGGAAGUAGGUCCGUUGGU	25
A-miRNA#662	>hsa-miR-659-5p MIMAT0022710	AGGACCUUCCUGAACCAAGGA	22
A-miRNA#663	>hsa-miR-659-3p MIMAT0003337	CUUGGUUCAGGGAGGGUCCCCA	22
A-miRNA#664	>hsa-miR-660-5p MIMAT0003338	UACCCAUUGCAUAUCGGAGUUG	22
A-miRNA#665	>hsa-miR-660-3p MIMAT0022711	ACCUCCUGUGUGCAUGGAUUA	21
A-miRNA#666	>hsa-miR-421 MIMAT0003339	AUCAACAGACAUUAAUUGGGCGC	23
A-miRNA#667	>hsa-miR-542-5p MIMAT0003340	UCGGGAUCAUCAUGUCACGAGA	23
A-miRNA#668	>hsa-miR-542-3p MIMAT0003389	UGUGACAGAUUGAUAAACUGAAA	22
A-miRNA#669	>hsa-miR-758-5p MIMAT0022929	GAUGGUUGACCAGAGAGCACAC	22
A-miRNA#670	>hsa-miR-758-3p MIMAT0003879	UUUGUGACCUGGUCCACUAACC	22
A-miRNA#671	>hsa-miR-1264 MIMAT0005791	CAAGUCUUAUUUGAGCACCUGUU	23
A-miRNA#672	>hsa-miR-671-5p MIMAT0003880	AGGAAGCCUGGAGGGGCUGGAG	23
A-miRNA#673	>hsa-miR-671-3p MIMAT0004819	UCCGGUUCUCAGGGCUCCACC	21
A-miRNA#674	>hsa-miR-668 MIMAT0003881	UGUCACUCGGCUCGGCCACUAC	23
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A-miRNA#677	>hsa-miR-767-3p MIMAT0003883	UCUGCUCAUACCCCAUGGUUUCU	23
A-miRNA#678	>hsa-miR-1224-5p MIMAT0005458	GUGAGGACUCGGGAGGUGG	19
A-miRNA#679	>hsa-miR-1224-3p MIMAT0005459	CCCCACCUCUCUCUCCUCAG	21
A-miRNA#680	>hsa-miR-151b MIMAT0010214	UCGAGGAGCUCACAGUCU	18
A-miRNA#681	>hsa-miR-320b MIMAT0005792	AAAAGCUGGGUUGAGAGGGCAA	22
A-miRNA#682	>hsa-miR-320c MIMAT0005793	AAAAGCUGGGUUGAGAGGGU	20
A-miRNA#683	>hsa-miR-1296 MIMAT0005794	UUAGGGCCCUGGCUCCAUCUCC	22
A-miRNA#684	>hsa-miR-1468 MIMAT0006789	CUCCGUUUGCCUGUUUCGUG	21
A-miRNA#685	>hsa-miR-1323 MIMAT0005795	UCAAACUGAGGGGCAUUUUCU	22
A-miRNA#686	>hsa-miR-1271-5p MIMAT0005796	CUUGGCACCUAGCAAGCACUCA	22
A-miRNA#687	>hsa-miR-1271-3p MIMAT0022712	AGUGCCUGCUAUGUGCCAGGCA	22
A-miRNA#688	>hsa-miR-1301 MIMAT0005797	UUGCAGCUGCCUGGGAGUGACUUC	24
A-miRNA#689	>hsa-miR-454-5p MIMAT0003884	ACCCUAUCAUAUUGUCUCUGC	22
A-miRNA#690	>hsa-miR-454-3p MIMAT0003885	UAGUGCAAUAUUGCUUAUAGGGU	23
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A-miRNA#692	>hsa-miR-1185-2-3p MIMAT0022713	AUAUACAGGGGAGACUCUCAU	22
A-miRNA#693	>hsa-miR-449c-5p MIMAT0010251	UAGGCAGUGUAUUGCUAGCGGUGU	25
A-miRNA#694	>hsa-miR-449c-3p MIMAT0013771	UUGCUAGUUGCACUCCUCUCUGU	23
A-miRNA#695	>hsa-miR-1283 MIMAT0005799	UCUACAAAGGAAAGCGCUUUCU	22
A-miRNA#696	>hsa-miR-769-5p MIMAT0003886	UGAGACCUCUGGGUUCUGAGCU	22
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A-miRNA#698	>hsa-miR-766-5p MIMAT0022714	AGGAGGAUUUGGUGCUGGUCUU	22
A-miRNA#699	>hsa-miR-766-3p MIMAT0003888	ACUCCAGCCCCACAGCCUCAGC	22
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A-miRNA#703	>hsa-miR-802 MIMAT0004185	CAGUAACAAAGAUUCAUCCUUGU	23
A-miRNA#704	>hsa-miR-670 MIMAT0010357	GUCCCUGAGUGUAUGUGGUG	20
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A-miRNA#710	>hsa-miR-765 MIMAT0003945	UGGAGGAGAAGGAAGGUGAUG	21
A-miRNA#711	>hsa-miR-770-5p MIMAT0003948	UCCAGUACCACGUGUCAGGGCCA	23
A-miRNA#712	>hsa-miR-675-5p MIMAT0004284	UGGUGCGGAGAGGGCCCCACAGUG	23
A-miRNA#713	>hsa-miR-675-3p MIMAT0006790	CUGUAUGCCCUCACCGCUCA	20
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A-miRNA#715	>hsa-miR-891a MIMAT0004902	UGCAACGAACCUGAGCCACUGA	22
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A-miRNA#717	>hsa-miR-892a MIMAT0004907	CACUGUGUCCUUCUGCGUAG	21
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A-miRNA#719	>hsa-miR-450b-3p MIMAT0004910	UUGGGAUCAUUUUGCAUCCAUA	22
A-miRNA#720	>hsa-miR-874 MIMAT0004911	CUGCCCUGGCCCCGAGGGACCGA	22
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A-miRNA#722	>hsa-miR-891b MIMAT0004913	UGCAACUUAACCUGAGUCAUUGA	22
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A-miRNA#724	>hsa-miR-888-3p MIMAT0004917	GACUGACACCUCUUUGGGUGAA	22
A-miRNA#725	>hsa-miR-892b MIMAT0004918	CACUGGCUCCUUCUGGGUAGA	22
A-miRNA#726	>hsa-miR-541-5p MIMAT0004919	AAAGGAUUCUGCUGUCGGUCCACU	25
A-miRNA#727	>hsa-miR-541-3p MIMAT0004920	UGGUGGGCACAGAAUCUGGACU	22
A-miRNA#728	>hsa-miR-889 MIMAT0004921	UUAAUAUCGGACAACCAUUGU	21
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A-miRNA#736	>hsa-miR-190b MIMAT0004929	UGAU AUGUUUGAU AUUGGGUU	21
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A-miRNA#743	>hsa-miR-887 MIMAT0004951	GUGAACGGGCGCCAUCCCGAGG	22
A-miRNA#744	>hsa-miR-665 MIMAT0004952	ACCAGGAGGCUGAGGCCCCU	20
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A-miRNA#746	>hsa-miR-873-3p MIMAT0022717	GGAGACUGAUGAGUUCGCGGA	22
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A-miRNA#750	>hsa-miR-760 MIMAT0004957	CGGCUCUGGGUCUGUGGGGA	20
A-miRNA#751	>hsa-miR-301b MIMAT0004958	CAGUGCAAUGAUUUUGUCAAAAGC	23
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A-miRNA#753	>hsa-miR-208b MIMAT0004960	AUAAGACGAACAAAAGGUUUGU	22
A-miRNA#754	>hsa-miR-920 MIMAT0004970	GGGGAGCUGUGGAAGCAGUA	20
A-miRNA#755	>hsa-miR-921 MIMAT0004971	CUAGUGAGGGACAGAACCAGGAUUC	25
A-miRNA#756	>hsa-miR-922 MIMAT0004972	GCAGCAGAGAAUAGGACUACGUC	23
A-miRNA#757	>hsa-miR-924 MIMAT0004974	AGAGUCUUGUGAUGUCUUGC	20
A-miRNA#758	>hsa-miR-509-3-5p MIMAT0004975	UACUGCAGACGUGGCAAUCAUG	22
A-miRNA#759	>hsa-miR-933 MIMAT0004976	UGUGCGCAGGGAGACCUCUCCC	22
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A-miRNA#761	>hsa-miR-935 MIMAT0004978	CCAGUUACCGCUUCCGCUACCGC	23
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A-miRNA#763	>hsa-miR-937-5p MIMAT0022938	GUGAGUCAGGGUGGGGCGUGG	20
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A-miRNA#765	>hsa-miR-938 MIMAT0004981	UGCCCUUAAAGGUGAACCCAGU	22
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A-miRNA#769	>hsa-miR-941 MIMAT0004984	CACCCGGCUGUGUGCACAUGUGC	23
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A-miRNA#771	>hsa-miR-943 MIMAT0004986	CUGACUGUUGCCGUCCUCCAG	21
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A-miRNA#787	>hsa-miR-1227-3p MIMAT0005580	CGUGCCACCUUUUCCUCCAG	20
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A-miRNA#791	>hsa-miR-1229-3p MIMAT0005584	CUCUCACCACUGCCUCCACAG	23
A-miRNA#792	>hsa-miR-1231 MIMAT0005586	GUGUCUGGGCGGACAGCUGC	20
A-miRNA#793	>hsa-miR-1233-1-5p MIMAT0022943	AGUGGGAGGCCAGGGCACGGCA	22
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A-miRNA#797	>hsa-miR-1236-5p MIMAT0022945	UGAGUGACAGGGGAAAUUGGGGA	22
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A-miRNA#803	>hsa-miR-1200 MIMAT0005863	CUCCUGAGCCAUUCUGAGCCUC	22
A-miRNA#804	>hsa-miR-1202 MIMAT0005865	GUGCCAGCUGCAGUGGGGGAG	21
A-miRNA#805	>hsa-miR-1203 MIMAT0005866	CCCGGAGCCAGGAUGCAGCUC	21
A-miRNA#806	>hsa-miR-663b MIMAT0005867	GGUGGCCCGGCCGUGCCUGAGG	22
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A-miRNA#808	>hsa-miR-1205 MIMAT0005869	UCUGCAGGGUUUGCUUUGAG	20
A-miRNA#809	>hsa-miR-1206 MIMAT0005870	UGUUCAUGUAGAUGUUUAAGC	21
A-miRNA#810	>hsa-miR-1207-5p MIMAT0005871	UGGCAGGGAGGCUGGGAGGGG	21
A-miRNA#811	>hsa-miR-1207-3p MIMAT0005872	UCAGCUGGCCCUCAUUUC	18
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A-miRNA#814	>hsa-miR-548j MIMAT0005875	AAAAGUAAUUGCGGUCUUUGGU	22
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A-miRNA#816	>hsa-miR-1285-3p MIMAT0005876	UCUGGGCAACAAAGUGAGACCU	22
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A-miRNA#824	>hsa-miR-1294 MIMAT0005884	UGUGAGGUUGGCAUUGUUGUCU	22
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A-miRNA#831	>hsa-miR-1304-5p MIMAT0005892	UUUGAGGCUACAGUGAGAUGUG	22
A-miRNA#832	>hsa-miR-1304-3p MIMAT0022720	UCUCACUGUAGCCUCGAACCCC	22
A-miRNA#833	>hsa-miR-1305 MIMAT0005893	UUUUCAACUCUAAUGGGAGAGA	22
A-miRNA#834	>hsa-miR-1243 MIMAT0005894	AACUGGAUCAAUUAUAGGAGUG	22
A-miRNA#835	>hsa-miR-548f MIMAT0005895	AAAAACUGUAAUUACUUUU	19
A-miRNA#836	>hsa-miR-1244 MIMAT0005896	AAGUAGUUGGUUUUGAUAGAGUUGU	26
A-miRNA#837	>hsa-miR-1245a MIMAT0005897	AAGUGAUCUAAAGGCCUACAU	21
A-miRNA#838	>hsa-miR-1246 MIMAT0005898	AAUGGAUUUUUGGAGCAGG	19
A-miRNA#839	>hsa-miR-1247-5p MIMAT0005899	ACCCGUCCCGUUCGUCCCCGGA	22
A-miRNA#840	>hsa-miR-1247-3p MIMAT0022721	CCCCGGGAACGUCGAGACUGGAGC	24
A-miRNA#841	>hsa-miR-1248 MIMAT0005900	ACCUUCUUGUAUAAGCACUGUCUAA	27

A-miRNA#842	>hsa-miR-1249 MIMAT0005901	ACGCCCUUCCCCCCUUCUUCA	22
A-miRNA#843	>hsa-miR-1250 MIMAT0005902	ACGGUGCUGGAUGUGGCCUUU	21
A-miRNA#844	>hsa-miR-1251 MIMAT0005903	ACUCUAGCUGCCAAAGGCGCU	21
A-miRNA#845	>hsa-miR-1253 MIMAT0005904	AGAGAAGAAGAUCAAGCCUGCA	21
A-miRNA#846	>hsa-miR-1254 MIMAT0005905	AGCCUGGAAGCUGGAGCCUGCAGU	24
A-miRNA#847	>hsa-miR-1255a MIMAT0005906	AGGAUGAGCAAAGAAAGUAGAUAU	23
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A-miRNA#849	>hsa-miR-1257 MIMAT0005908	AGUGAAUGAUGGGUUCUGACC	21
A-miRNA#850	>hsa-miR-1258 MIMAT0005909	AGUUAGGAUUAGGUCGUGGAA	21
A-miRNA#851	>hsa-miR-1260a MIMAT0005911	AUCCCACCUCUGCCACCA	18
A-miRNA#852	>hsa-miR-548g-5p MIMAT0022722	UGCAAAAGUAAUUGCAGUUUUUG	23
A-miRNA#853	>hsa-miR-548g-3p MIMAT0005912	AAAACUGUAAUUCUUUUUGUAC	22
A-miRNA#854	>hsa-miR-1261 MIMAT0005913	AUGGAUAAGGCUUUGGCUU	19
A-miRNA#855	>hsa-miR-1262 MIMAT0005914	AUGGGUGAAUUUGUAGAAGGAU	22
A-miRNA#856	>hsa-miR-1263 MIMAT0005915	AUGGUACCCUGGCAUACUGAGU	22
A-miRNA#857	>hsa-miR-548n MIMAT0005916	CAAAAGUAAUUGUGGAUUUUUGU	22
A-miRNA#858	>hsa-miR-548m MIMAT0005917	CAAAGGUAAUUGUGGUUUUUUG	21
A-miRNA#859	>hsa-miR-1265 MIMAT0005918	CAGGAUGUGGUCAAGUGUUGUU	22
A-miRNA#860	>hsa-miR-548o-3p MIMAT0005919	CCAAAACUGCAGUUACUUUUUGC	22
A-miRNA#861	>hsa-miR-1266 MIMAT0005920	CCUCAGGGCUGUAGAACAGGGCU	23
A-miRNA#862	>hsa-miR-1267 MIMAT0005921	CCUGUUGAAGUGUAAUCCCCA	21
A-miRNA#863	>hsa-miR-1268a MIMAT0005922	CGGGCGUGGUGGUGGGGG	18
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A-miRNA#865	>hsa-miR-1270 MIMAT0005924	CUGGAGAUUUGGAAGAGCUGUGU	23
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A-miRNA#867	>hsa-miR-1273a MIMAT0005926	GGGCGACAAAGCAAGACUCUUUCUU	25
A-miRNA#868	>hsa-miR-548h-5p MIMAT0005928	AAAAGUAAUCGCGGUUUUUUGUC	22
A-miRNA#869	>hsa-miR-548h-3p MIMAT0022723	CAAAAACCGCAAUUCUUUUUGCA	23
A-miRNA#870	>hsa-miR-1275 MIMAT0005929	GUGGGGGAGAGGCUGUC	17
A-miRNA#871	>hsa-miR-1276 MIMAT0005930	UAAAGAGCCCUGUGGAGACA	20
A-miRNA#872	>hsa-miR-302e MIMAT0005931	UAAGUGCUUCCAUGCUU	17
A-miRNA#873	>hsa-miR-302f MIMAT0005932	UAAUUGCUUCCAUGUUU	17
A-miRNA#874	>hsa-miR-1277-5p MIMAT0022724	AAAUUAUAUAUAUAUGUACGUAU	24
A-miRNA#875	>hsa-miR-1277-3p MIMAT0005933	UACGUAGAUUAUAUAUGUAUUUU	22
A-miRNA#876	>hsa-miR-548p MIMAT0005934	UAGCAAAAACUGCAGUUACUUU	22
A-miRNA#877	>hsa-miR-548i MIMAT0005935	AAAAGUAAUUGCGGAUUUUUGCC	22
A-miRNA#878	>hsa-miR-1278 MIMAT0005936	UAGUACUGUGCAUAUCAUCUAU	22
A-miRNA#879	>hsa-miR-1279 MIMAT0005937	UCAUAUUGCUUCUUUCU	17
A-miRNA#880	>hsa-miR-1281 MIMAT0005939	UCGCCUCCUCCUCUCCC	17
A-miRNA#881	>hsa-miR-1282 MIMAT0005940	UCGUUUUGCCUUUUUCUGCUU	20
A-miRNA#882	>hsa-miR-1284 MIMAT0005941	UCUAUACAGACCCUGGCUUUUC	22
A-miRNA#883	>hsa-miR-1288 MIMAT0005942	UGGACUGCCCUGAUCUGGAGA	21
A-miRNA#884	>hsa-miR-1292-5p MIMAT0005943	UGGGAACGGGUUCCGGCAGACGCUG	25
A-miRNA#885	>hsa-miR-1292-3p MIMAT0022948	UCGCGCCCCGGCUCCCGUUC	20
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A-miRNA#887	>hsa-miR-1255b-5p MIMAT0005945	CGGAUGAGCAAAGAAAGUGGUU	22
A-miRNA#888	>hsa-miR-1255b-2-3p MIMAT0022725	AACCACUUUCUUUGCUCAUCCA	22

A-miRNA#889	>hsa-miR-664a-5p MIMAT0005948	ACUGGCUAGGGAAAAUGAUUGGAU	24
A-miRNA#890	>hsa-miR-664a-3p MIMAT0005949	UAUUCAUUUAUCCCCAGCCUACA	23
A-miRNA#891	>hsa-miR-1306-5p MIMAT0022726	CCACCUCCCCUGCAAACGUCCA	22
A-miRNA#892	>hsa-miR-1306-3p MIMAT0005950	ACGUUGGCUCUGGUGGUG	18
A-miRNA#893	>hsa-miR-1307-5p MIMAT0022727	UCGACCGGACCUCGACCGGCU	21
A-miRNA#894	>hsa-miR-1307-3p MIMAT0005951	ACUCGGCGUGGCGUCGGUCGUG	22
A-miRNA#895	>hsa-miR-513b MIMAT0005788	UUCACAAGGAGGUGUCAUUUAU	22
A-miRNA#896	>hsa-miR-513c-5p MIMAT0005789	UUCUCAAGGAGGUGUCGUUUUAU	22
A-miRNA#897	>hsa-miR-513c-3p MIMAT0022728	UAAAUUUCACCUUUCUGAGAAGA	23
A-miRNA#898	>hsa-miR-1321 MIMAT0005952	CAGGGAGGUGAAUGUGAU	18
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A-miRNA#900	>hsa-miR-1197 MIMAT0005955	UAGGACACAUGGUCUACUUCU	21
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A-miRNA#902	>hsa-miR-1469 MIMAT0007347	CUCGGCGCGGGGCGCGGGCUCC	22
A-miRNA#903	>hsa-miR-1470 MIMAT0007348	GCCCUCCGCCCGUGCACCCCG	21
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A-miRNA#905	>hsa-miR-1537 MIMAT0007399	AAAACCGUCUAGUUACAGUUGU	22
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A-miRNA#921	>hsa-miR-1914-3p MIMAT0007890	GGAGGGGUCCCGCACUGGGAGG	22
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A-miRNA#923	>hsa-miR-1915-3p MIMAT0007892	CCCCAGGGCGACGCGGGCGGG	20
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A-miRNA#927	>hsa-miR-2052 MIMAT0009977	UGUUUUUAUAACAGUAAUGU	20
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A-miRNA#929	>hsa-miR-2054 MIMAT0009979	CUGUAAUUAUUUUUAUUUAUU	23
A-miRNA#930	>hsa-miR-2110 MIMAT0010133	UUGGGGAAACGGCCGUGAGUG	22
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A-miRNA#932	>hsa-miR-2114-3p MIMAT0011157	CGAGCCUCAAGCAAGGGACUU	21
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A-miRNA#936	>hsa-miR-2116-3p MIMAT0011161	CCUCCCAUGCCAAGAACUCCC	21
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A-miRNA#945	>hsa-miR-2682-5p MIMAT0013517	CAGGCAGUGACUGUUCAGACGUC	23
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A-miRNA#950	>hsa-miR-2909 MIMAT0013863	GUUAGGGCCAACAUCUCUUGG	21
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A-miRNA#961	>hsa-miR-3122 MIMAT0014984	GUUGGGACAAGAGGACGGUCUU	22
A-miRNA#962	>hsa-miR-3123 MIMAT0014985	CAGAGAAUUGUUUAAUC	17
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A-miRNA#965	>hsa-miR-548s MIMAT0014987	AUGGCCAAAACUGCAGUUUUUU	23
A-miRNA#966	>hsa-miR-3125 MIMAT0014988	UAGAGGAAGCUGUGGAGAGA	20
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A-miRNA#968	>hsa-miR-3126-3p MIMAT0015377	CAUCUGGCAUCCGUCACACAGA	22
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A-miRNA#978	>hsa-miR-3133 MIMAT0014998	UAAAGAACUCUUAACCCAAU	22
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A-miRNA#980	>hsa-miR-3134 MIMAT0015000	UGAUGGAUAAAAGACUACAUUU	23
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A-miRNA#982	>hsa-miR-466 MIMAT0015002	AUACACAUACACGCAACACACAU	23

A-miRNA#983	>hsa-miR-3136-5p MIMAT0015003	CUGACUGAAUAGGUAGGGUCAUU	23
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A-miRNA#994	>hsa-miR-3142 MIMAT0015011	AAGGCCUUUCUGAACCUUCAGA	22
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A-miRNA#996	>hsa-miR-548u MIMAT0015013	CAAAGACUGCAAUUACUUUUGCG	23
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A-miRNA#1002	>hsa-miR-3146 MIMAT0015018	CAUGCAGGAUAGAAAGAAUGG	22
A-miRNA#1003	>hsa-miR-3147 MIMAT0015019	GGUUGGGCAGUGAGGAGGGUGUGA	24
A-miRNA#1004	>hsa-miR-548v MIMAT0015020	AGCUACAGUUACUUUUGCACCA	22
A-miRNA#1005	>hsa-miR-3148 MIMAT0015021	UGGAAAAAACUGGUGUGUGCUU	22
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A-miRNA#1008	>hsa-miR-3150a-3p MIMAT0015023	CUGGGGAGAUCCUCGAGGUUGG	22
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A-miRNA#1014	>hsa-miR-3074-3p MIMAT0015027	GAUAUCAGCUCAGUAGGCACCG	22
A-miRNA#1015	>hsa-miR-3154 MIMAT0015028	CAGAAGGGGAGUUGGGAGCAGA	22
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A-miRNA#1022	>hsa-miR-3158-3p MIMAT0015032	AAGGGCUUCCUCUCUGCAGGAC	22
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A-miRNA#1029	>hsa-miR-3163 MIMAT0015037	UAUAAAUGAGGGCAGUAAGAC	22

A-miRNA#1030	>hsa-miR-3164 MIMAT0015038	UGUGACUUUAAGGGAAAUGGCG	22
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A-miRNA#1032	>hsa-miR-3166 MIMAT0015040	CGCAGACAAUGCCUACUGGCCUA	23
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A-miRNA#1034	>hsa-miR-3167 MIMAT0015042	AGGAUUUCAGAAAUACUGGUGU	22
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A-miRNA#1036	>hsa-miR-3169 MIMAT0015044	UAGGACUGUGCUUGGCACAUAG	22
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A-miRNA#1038	>hsa-miR-3171 MIMAT0015046	AGAUGUAUGGAAUCUGUAUAUAUC	24
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A-miRNA#1041	>hsa-miR-1193 MIMAT0015049	GGGAUGGUAGACCGGUGACGUGC	23
A-miRNA#1042	>hsa-miR-323b-5p MIMAT0001630	AGGUUGUCCGUGGUGAGUUCGCA	23
A-miRNA#1043	>hsa-miR-323b-3p MIMAT0015050	CCCAAUACACGGUCGACCUCUU	22
A-miRNA#1044	>hsa-miR-3174 MIMAT0015051	UAGUGAGUUAGAGAUGCAGAGCC	23
A-miRNA#1045	>hsa-miR-3175 MIMAT0015052	CGGGGAGAGAACGCAGUGACGU	22
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A-miRNA#1051	>hsa-miR-3180-5p MIMAT0015057	CUUCCAGACGCUCCGCCACGUCG	25
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A-miRNA#1054	>hsa-miR-3181 MIMAT0015061	AUCGGGCCCUCGGCGCCGG	19
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A-miRNA#1064	>hsa-miR-3187-5p MIMAT0019216	CCUGGGCAGCGUGUGGCUGAAGG	23
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A-miRNA#1143	>hsa-miR-2355-5p MIMAT0016895	AUCCCCAGAUACAAUGGACAA	21
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A-miRNA#1194	>hsa-miR-3617-3p MIMAT0022966	CAUCAGCACCCUAGUCCUUCU	23
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A-miRNA#1201	>hsa-miR-3621 MIMAT0018002	CGCGGGUCGGGUCUGCAGG	20
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A-miRNA#1254	>hsa-miR-3683 MIMAT0018111	UGCGACAUUGGAAGUAGUAUCA	22
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A-miRNA#1263	>hsa-miR-3690 MIMAT0018119	ACCUGGACCCAGCGUAGACAAAG	23
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A-miRNA#1268	>hsa-miR-3713 MIMAT0018164	GGUAUCCGUUUGGGGAUGGU	20
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A-miRNA#1464	>hsa-miR-4519 MIMAT0019056	CAGCAGUGCGCAGGGCUG	18
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A-miRNA#1467	>hsa-miR-4521 MIMAT0019058	GCUAAGGAAGUCCUGUGCUCAG	22
A-miRNA#1468	>hsa-miR-1269b MIMAT0019059	CUGGACUGAGCCAUGCUACUGG	22
A-miRNA#1469	>hsa-miR-4522 MIMAT0019060	UGACUCUGCCUGUAGGCCGGU	21
A-miRNA#1470	>hsa-miR-4523 MIMAT0019061	GACCGAGAGGGCCUCGGCUGU	21
A-miRNA#1471	>hsa-miR-4524a-5p MIMAT0019062	AUAGCAGCAUGAACCUGUCUCA	22
A-miRNA#1472	>hsa-miR-4524a-3p MIMAT0019063	UGAGACAGGCUUAUGCUGCUAU	22
A-miRNA#1473	>hsa-miR-4525 MIMAT0019064	GGGGGGAUGUGCAUGCUGGUU	21
A-miRNA#1474	>hsa-miR-4526 MIMAT0019065	GCUGACAGCAGGGCUGGCCGCU	22
A-miRNA#1475	>hsa-miR-4527 MIMAT0019066	UGGUCUGCAAAGAGAUGACUGU	22
A-miRNA#1476	>hsa-miR-4528 MIMAT0019067	UCAUUUAUGUAUGAUCUGGAC	22
A-miRNA#1477	>hsa-miR-4529-5p MIMAT0019236	AGGCCAUCAGCAGUCCAAUGAA	22
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A-miRNA#1480	>hsa-miR-4531 MIMAT0019070	AUGGAGAAGGCUUCUGA	17
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A-miRNA#1485	>hsa-miR-4535 MIMAT0019075	GUGGACCUGGCUGGGAC	17
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A-miRNA#1490	>hsa-miR-4536-3p MIMAT0020959	UCGUGCAUAUAUCUACCACAU	21
A-miRNA#1491	>hsa-miR-548an MIMAT0019079	AAAAGGCAUUGUGGUUUUUG	20
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A-miRNA#1504	>hsa-miR-4632-5p MIMAT0022977	GAGGGCAGCGUGGGUGUGGCGGA	23
A-miRNA#1505	>hsa-miR-4632-3p MIMAT0019688	UGCCGCCUCUCGCUCGUCUAG	22
A-miRNA#1506	>hsa-miR-4633-5p MIMAT0019689	AUAUGCCUGGCUAGCUCCUC	20
A-miRNA#1507	>hsa-miR-4633-3p MIMAT0019690	AGGAGCUAGCCAGGCAUAUGCA	22
A-miRNA#1508	>hsa-miR-4634 MIMAT0019691	CGGCGCGACCGGCCCGGG	19
A-miRNA#1509	>hsa-miR-4635 MIMAT0019692	UCUUGAAGUCAGAACCCGCAA	21
A-miRNA#1510	>hsa-miR-4636 MIMAT0019693	AACUCGUGUCAAAGCCUUUAG	22
A-miRNA#1511	>hsa-miR-4637 MIMAT0019694	UACUAAUCGAGAUUCAAGUGA	22
A-miRNA#1512	>hsa-miR-4638-5p MIMAT0019695	ACUCGGCUGCGGUGGACAAGU	21
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A-miRNA#1521	>hsa-miR-4644 MIMAT0019704	UGGAGAGAGAAAAGAGACAGAAG	23
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A-miRNA#1527	>hsa-miR-4648 MIMAT0019710	UGUGGGACUGCAAUUGGAG	20
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A-miRNA#1530	>hsa-miR-4650-5p MIMAT0019713	UCAGGCCUCUUUCUACCUU	19
A-miRNA#1531	>hsa-miR-4650-3p MIMAT0019714	AGGUAGAAUGAGGCCUGACAU	21
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A-miRNA#1640	>hsa-miR-4715-5p MIMAT0019824	AAGUUGGCUGCAGUUAAGGUGG	22

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A-miRNA#1661	>hsa-miR-4724-3p MIMAT0019842	GUACCUUCUGGUUCAGCUAGU	21
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A-miRNA#1676	>hsa-miR-4733-5p MIMAT0019857	AAUCCCAAUGCUAGACCCGGUG	22
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A-miRNA#1864	>hsa-miR-5197-5p MIMAT0021130	CAAUGGCACAAACUCAUUCUUGA	23
A-miRNA#1865	>hsa-miR-5197-3p MIMAT0021131	AAGAAGAGACUGAGUCAUCGAAU	23
A-miRNA#1866	>hsa-miR-4524b-5p MIMAT0022255	AUAGCAGCAUAAGCCUGUCUC	21
A-miRNA#1867	>hsa-miR-4524b-3p MIMAT0022256	GAGACAGGUUCAUGCUGCUA	20
A-miRNA#1868	>hsa-miR-5571-5p MIMAT0022257	CAAUUCUCAAGGAGCCUCCC	21
A-miRNA#1869	>hsa-miR-5571-3p MIMAT0022258	GUCCUAGGAGGCUCCUCUG	19
A-miRNA#1870	>hsa-miR-5100 MIMAT0022259	UUCAGAUCCCAGCGGUGCCUCU	22
A-miRNA#1871	>hsa-miR-5572 MIMAT0022260	GUUGGGGUGCAGGGGUCUGCU	21
A-miRNA#1872	>hsa-miR-548aq-5p MIMAT0022263	GAAAGUAAUUGCUGUUUUUGCC	22
A-miRNA#1873	>hsa-miR-548aq-3p MIMAT0022264	CAAAAACUGCAAUUACUUUUGC	22
A-miRNA#1874	>hsa-miR-548ar-5p MIMAT0022265	AAAAGUAAUUGCAGUUUUUGC	21
A-miRNA#1875	>hsa-miR-548ar-3p MIMAT0022266	UAAAACUGCAGUUAUUUUUGC	21

A-miRNA#1876	>hsa-miR-548as-5p MIMAT0022267	AAAAGUAAUUGCGGGUUUUGCC	22
A-miRNA#1877	>hsa-miR-548as-3p MIMAT0022268	UAAAACCCACAAUUAUGUUUGU	22
A-miRNA#1878	>hsa-miR-5579-5p MIMAT0022269	UAUGGUACUCCUUAAGCUAAC	21
A-miRNA#1879	>hsa-miR-5579-3p MIMAT0022270	UUAGCUUAAGGAGUACCAGAUC	22
A-miRNA#1880	>hsa-miR-664b-5p MIMAT0022271	UGGGCUAAGGGAGAUGAUUGGGUA	24
A-miRNA#1881	>hsa-miR-664b-3p MIMAT0022272	UUCAUUUGCCUCCCAGCCUACA	22
A-miRNA#1882	>hsa-miR-5580-5p MIMAT0022273	UGCUGGCUCAUUUCAUAUGUGU	22
A-miRNA#1883	>hsa-miR-5580-3p MIMAT0022274	CACAUAGAAGUGAGCCAGCAC	22
A-miRNA#1884	>hsa-miR-5581-5p MIMAT0022275	AGCCUUCAGGAGAAAUGGAGA	22
A-miRNA#1885	>hsa-miR-5581-3p MIMAT0022276	UCCAUGCCUCCUAGAAGUCC	22
A-miRNA#1886	>hsa-miR-548at-5p MIMAT0022277	AAAAGUUAUUGCGGUUUUGGCU	22
A-miRNA#1887	>hsa-miR-548at-3p MIMAT0022278	CAAAACCGCAGUAACUUUUGU	21
A-miRNA#1888	>hsa-miR-5582-5p MIMAT0022279	UAGGCACACUAAAAGUUAUAGC	22
A-miRNA#1889	>hsa-miR-5582-3p MIMAT0022280	UAAAACUUUAAGUGGCCUAGG	22
A-miRNA#1890	>hsa-miR-5583-5p MIMAT0022281	AAACUAAUAUACCAUAUUCUG	22
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A-miRNA#1892	>hsa-miR-5584-5p MIMAT0022283	CAGGGAAAUGGGAAGAACUAGA	22
A-miRNA#1893	>hsa-miR-5584-3p MIMAT0022284	UAGUUCUCCCUUUGCCCAUU	22
A-miRNA#1894	>hsa-miR-5585-5p MIMAT0022285	UGAAGUACCAGCUACUCGAGAG	22
A-miRNA#1895	>hsa-miR-5585-3p MIMAT0022286	CUGAAUAGCUGGGACUACAGGU	22
A-miRNA#1896	>hsa-miR-5586-5p MIMAT0022287	UAUCCAGCUUGUUACUAUAUGC	22
A-miRNA#1897	>hsa-miR-5586-3p MIMAT0022288	CAGAGUGACAAGCUGGUUAAAG	22
A-miRNA#1898	>hsa-miR-5587-5p MIMAT0022289	AUGGUCACCUCCGGGACU	18
A-miRNA#1899	>hsa-miR-5587-3p MIMAT0022290	GCCCCGGGCAGUGUGAUCAUC	21
A-miRNA#1900	>hsa-miR-548au-5p MIMAT0022291	AAAAGUAAUUGCGGUUUUUGC	21
A-miRNA#1901	>hsa-miR-548au-3p MIMAT0022292	UGGCAGUUACUUUUGCACCAG	21
A-miRNA#1902	>hsa-miR-1295b-5p MIMAT0022293	CACCCAGAUCUGCGGCCUAAU	21
A-miRNA#1903	>hsa-miR-1295b-3p MIMAT0022294	AAUAGGCCACGGAUCUGGGCAA	22
A-miRNA#1904	>hsa-miR-5588-5p MIMAT0022295	ACUGGCAUUAGUGGGACUUUU	21
A-miRNA#1905	>hsa-miR-5588-3p MIMAT0022296	AAGUCCACUAAUGCCAGC	19
A-miRNA#1906	>hsa-miR-5589-5p MIMAT0022297	GGCUGGGUGCUCUUGUGCAGU	21
A-miRNA#1907	>hsa-miR-5589-3p MIMAT0022298	UGCACAUGGCAACCUAGCUCCCA	23
A-miRNA#1908	>hsa-miR-5590-5p MIMAT0022299	UUGCCAUACAUAGACUUUAUU	21
A-miRNA#1909	>hsa-miR-5590-3p MIMAT0022300	AAUAAAGUUAUGUAUGGCAA	21
A-miRNA#1910	>hsa-miR-5591-5p MIMAT0022301	UGGGAGCUAAGCUAUGGGUAU	21
A-miRNA#1911	>hsa-miR-5591-3p MIMAT0022302	AUACCAUAGCUUAGCUCCCA	21
A-miRNA#1912	>hsa-miR-548av-5p MIMAT0022303	AAAAGUACUUGCGGAUUU	18
A-miRNA#1913	>hsa-miR-548av-3p MIMAT0022304	AAAACUGCAGUUACUUUUGC	20
A-miRNA#1914	>hsa-miR-5680 MIMAT0022468	GAGAAUUGCUGGACUAAUCUGC	22
A-miRNA#1915	>hsa-miR-5681a MIMAT0022469	AGAAAGGGUGGCAUACCUCUU	22
A-miRNA#1916	>hsa-miR-5682 MIMAT0022470	GUAGCACCUUGCAGGAUAAGGU	22
A-miRNA#1917	>hsa-miR-548aw MIMAT0022471	GUGCAAAGUCAUCACGGUU	20
A-miRNA#1918	>hsa-miR-5683 MIMAT0022472	UACAGAUGCAGAUUCUCUGACUUC	24
A-miRNA#1919	>hsa-miR-5684 MIMAT0022473	AACUCUAGCCUGAGCAACAG	20
A-miRNA#1920	>hsa-miR-548ax MIMAT0022474	AGAAGUAAUUGCGGUUUUGCCA	22
A-miRNA#1921	>hsa-miR-5685 MIMAT0022475	ACAGCCCAGCAGUUAUCACGGG	22
A-miRNA#1922	>hsa-miR-5692c MIMAT0022476	AAUAAUAUCACAGUAGGUGUAC	22

A-miRNA#1923	>hsa-miR-5686 MIMAT0022477	UAUCGUAUCGUAUUGUAUUGU	21
A-miRNA#1924	>hsa-miR-5687 MIMAT0022478	UUAGAACGUUUUAGGGUCAAAU	22
A-miRNA#1925	>hsa-miR-5688 MIMAT0022479	UAACAAACACCGUAAAAACAGC	22
A-miRNA#1926	>hsa-miR-5681b MIMAT0022480	AGGUAAUUGCCACCCUUCUAGU	22
A-miRNA#1927	>hsa-miR-5689 MIMAT0022481	AGCAUACACCGUAGUCCUAGA	22
A-miRNA#1928	>hsa-miR-5690 MIMAT0022482	UCAGCUACUACCUCUAAUAGG	21
A-miRNA#1929	>hsa-miR-5691 MIMAT0022483	UUGCUCUGAGCUCCGAGAAAGC	22
A-miRNA#1930	>hsa-miR-5692a MIMAT0022484	CAAAUAAUACCACAGUGGGUGU	22
A-miRNA#1931	>hsa-miR-4666b MIMAT0022485	UUGCAUGUCAGAUUGUAAUUGCC	23
A-miRNA#1932	>hsa-miR-5693 MIMAT0022486	GCAGUGGCUCUGAAUGAACUC	22
A-miRNA#1933	>hsa-miR-5694 MIMAT0022487	CAGAUCAUGGGACUGUCUCAG	21
A-miRNA#1934	>hsa-miR-5695 MIMAT0022488	ACUCCAAGAAGAAUCUAGACAG	22
A-miRNA#1935	>hsa-miR-5696 MIMAT0022489	CUCAUUUAAGUAGUCUGAUGCC	22
A-miRNA#1936	>hsa-miR-5697 MIMAT0022490	UCAAGUAGUUUCAUGAUAAAGG	22
A-miRNA#1937	>hsa-miR-5698 MIMAT0022491	UGGGGGAGUGCAGUGAUUGUGG	22
A-miRNA#1938	>hsa-miR-5699 MIMAT0022492	UCCUGUCUUUCCUUGUUGGAGC	22
A-miRNA#1939	>hsa-miR-5700 MIMAT0022493	UAAUGCAUUAAAUAUUGAAGG	22
A-miRNA#1940	>hsa-miR-5701 MIMAT0022494	UUAUUGUCACGUUCUGAUU	19
A-miRNA#1941	>hsa-miR-5702 MIMAT0022495	UGAGUCAGCAACAUAUCCCAUG	22
A-miRNA#1942	>hsa-miR-5703 MIMAT0022496	AGGAGAAGUCGGGAAGGU	18
A-miRNA#1943	>hsa-miR-5692b MIMAT0022497	AAUAAUAUCACAGUAGGUGU	20
A-miRNA#1944	>hsa-miR-5704 MIMAT0022498	UUAGGCCAUCAUCCCAUUAUGC	22
A-miRNA#1945	>hsa-miR-5705 MIMAT0022499	UGUUUCGGGGCUCAUGGCCUGUG	23
A-miRNA#1946	>hsa-miR-5706 MIMAT0022500	UUCUGGAUAACAUGCUGAAGCU	22
A-miRNA#1947	>hsa-miR-5707 MIMAT0022501	ACGUUUUGAAUGCUGUACAAGGC	22
A-miRNA#1948	>hsa-miR-5708 MIMAT0022502	AUGAGCGACUGUGCCUGACC	20
A-miRNA#1949	>hsa-miR-5739 MIMAT0023116	GCGGAGAGAGAAUGGGGAGC	20
A-miRNA#1950	>hsa-miR-5787 MIMAT0023252	GGGCUUGGGGCGCGGGGAGGU	20
A-miRNA#1951	>hsa-miR-6068 MIMAT0023693	CCUGCGAGUCUCCGGCGGUGG	21
A-miRNA#1952	>hsa-miR-6069 MIMAT0023694	GGGCUAGGGCCUGCUGCCCCC	21
A-miRNA#1953	>hsa-miR-6070 MIMAT0023695	CCGGUUCAGUCCUGGAG	19
A-miRNA#1954	>hsa-miR-6071 MIMAT0023696	UUCUGCUGCCGGCCAAGGC	19
A-miRNA#1955	>hsa-miR-6072 MIMAT0023697	UCCUCAUCACACUGCACCUIAG	22
A-miRNA#1956	>hsa-miR-6073 MIMAT0023698	GGUAGUGAGUUUAUCAGCUAC	20
A-miRNA#1957	>hsa-miR-6074 MIMAT0023699	GAUAAUUCAGAGGCUAGGUGG	20
A-miRNA#1958	>hsa-miR-6075 MIMAT0023700	ACGGCCCAGGCGGCAUUGGUG	21
A-miRNA#1959	>hsa-miR-6076 MIMAT0023701	AGCAUGACAGAGGAGAGGUGG	21
A-miRNA#1960	>hsa-miR-6077 MIMAT0023702	GGGAAGAGCUGUACGGCCUUC	21
A-miRNA#1961	>hsa-miR-6078 MIMAT0023703	CCGCCUGAGCUAGCUGUGG	19
A-miRNA#1962	>hsa-miR-6079 MIMAT0023704	UUGGAAGCUUGGACCAACUAGCUG	24
A-miRNA#1963	>hsa-miR-6080 MIMAT0023705	UCUAGUGCGGGCGUUCCTCG	19
A-miRNA#1964	>hsa-miR-6081 MIMAT0023706	AGGAGCAGUGCCGGCCAAGGCGCC	24
A-miRNA#1965	>hsa-miR-6082 MIMAT0023707	GAAUACGUCUGGUUGAUCC	19
A-miRNA#1966	>hsa-miR-6083 MIMAT0023708	CUUAUAUCAGAGGCUGUGGG	20
A-miRNA#1967	>hsa-miR-6084 MIMAT0023709	UUCCGCCAGUCGGUGGCCGG	20
A-miRNA#1968	>hsa-miR-6085 MIMAT0023710	AAGGGGCGUGGGGAGCACA	19
A-miRNA#1969	>hsa-miR-6086 MIMAT0023711	GGAGGUUGGGAAGGGCAGAG	20

A-miRNA#1970	>hsa-miR-6087 MIMAT0023712	UGAGGCGGGGGGGCGAGC	18
A-miRNA#1971	>hsa-miR-6088 MIMAT0023713	AGAGAUGAAGCGGGGGGGCG	20
A-miRNA#1972	>hsa-miR-6089 MIMAT0023714	GGAGGCCGGGUGGGGCGGGGCGG	24
A-miRNA#1973	>hsa-miR-6090 MIMAT0023715	GGGGAGCGAGGGGCGGGGC	19
A-miRNA#1974	>hsa-miR-6124 MIMAT0024597	GGGAAAAGGAAGGGGGAGGA	20
A-miRNA#1975	>hsa-miR-6125 MIMAT0024598	GCGGAAGGCGGAGCGGCGGA	20
A-miRNA#1976	>hsa-miR-6126 MIMAT0024599	GUGAAGGCCCGGCGGAGA	18
A-miRNA#1977	>hsa-miR-6127 MIMAT0024610	UGAGGGAGUGGGUGGGAGG	19
A-miRNA#1978	>hsa-miR-6128 MIMAT0024611	ACUGGAAUUGGAGUCAAAA	19
A-miRNA#1979	>hsa-miR-378j MIMAT0024612	ACUGGAUUUGGAGCCAGAA	19
A-miRNA#1980	>hsa-miR-6129 MIMAT0024613	UGAGGGAGUUGGGUGUAUA	19
A-miRNA#1981	>hsa-miR-6130 MIMAT0024614	UGAGGGAGUGGAUUGUAUG	19
A-miRNA#1982	>hsa-miR-6131 MIMAT0024615	GGCUGGUCAGAUGGGAGUG	19
A-miRNA#1983	>hsa-miR-6132 MIMAT0024616	AGCAGGGCUGGGGAUUGCA	19
A-miRNA#1984	>hsa-miR-6133 MIMAT0024617	UGAGGGAGGAGGUUGGGUA	19
A-miRNA#1985	>hsa-miR-6134 MIMAT0024618	UGAGGUGGUAGGAUGUAGA	19
A-miRNA#1986	>hsa-miR-6165 MIMAT0024782	CAGCAGGAGGUGAGGGGAG	19
A-miRNA#1987	>hsa-miR-6499-5p MIMAT0025450	UCGGGCGCAAGAGCACUGCAGU	22
A-miRNA#1988	>hsa-miR-6499-3p MIMAT0025451	AGCAGUGUUUGUUUUGCCACA	22
A-miRNA#1989	>hsa-miR-548ay-5p MIMAT0025452	AAAAGUAAUUGUGGUUUUUGC	21
A-miRNA#1990	>hsa-miR-548ay-3p MIMAT0025453	CAAAACCGCGAUUACUCUUGCA	22
A-miRNA#1991	>hsa-miR-6500-5p MIMAT0025454	AGGAGCUAUCCACUCCAGGUGUCC	24
A-miRNA#1992	>hsa-miR-6500-3p MIMAT0025455	ACACUUGUUGGGAUGACCU GC	21
A-miRNA#1993	>hsa-miR-548az-5p MIMAT0025456	CAAAAGUGAUUGUGGUUUUUGC	22
A-miRNA#1994	>hsa-miR-548az-3p MIMAT0025457	AAAAACUGCAAUCACUUUUGC	21
A-miRNA#1995	>hsa-miR-6501-5p MIMAT0025458	AGUUGCCAGGGCUGCCUUUGGU	22
A-miRNA#1996	>hsa-miR-6501-3p MIMAT0025459	CCAGAGCAGCCUGCGGUAACAGU	23
A-miRNA#1997	>hsa-miR-6502-5p MIMAT0025460	AGCUCUAGAAAGAUUGUUGACC	22
A-miRNA#1998	>hsa-miR-6502-3p MIMAT0025461	UAGACCAUCUUUCUAGAGUAU	21
A-miRNA#1999	>hsa-miR-6503-5p MIMAT0025462	AGGUCUGCAUUCAAAUCCCCAGA	23
A-miRNA#2000	>hsa-miR-6503-3p MIMAT0025463	GGGACUAGGAUGCAGACCUCC	21
A-miRNA#2001	>hsa-miR-6504-5p MIMAT0025464	UCUGGCUGUGCUGUAAUGCAG	21
A-miRNA#2002	>hsa-miR-6504-3p MIMAT0025465	CAUUACAGCACAGCCAUUCU	20
A-miRNA#2003	>hsa-miR-6505-5p MIMAT0025466	UUGGAAUAGGGGAUAUCUCAGC	22
A-miRNA#2004	>hsa-miR-6505-3p MIMAT0025467	UGACUUCUACCUCUCCAAAG	21
A-miRNA#2005	>hsa-miR-6506-5p MIMAT0025468	ACUGGGAUGUCACUGAAUAUGGU	23
A-miRNA#2006	>hsa-miR-6506-3p MIMAT0025469	UCGUAU CAGAGAUUCCAGACAC	22
A-miRNA#2007	>hsa-miR-6507-5p MIMAT0025470	GAAGAAUAGGAGGGACUUUGU	21
A-miRNA#2008	>hsa-miR-6507-3p MIMAT0025471	CAAAGUCCUCCUAUUUUUCCC	22
A-miRNA#2009	>hsa-miR-6508-5p MIMAT0025472	UCUAGAAAUGCAUGACCCACC	21
A-miRNA#2010	>hsa-miR-6508-3p MIMAT0025473	UGGGCCAUGCAUUUCUAGAACU	22
A-miRNA#2011	>hsa-miR-6509-5p MIMAT0025474	AUUAGGUAGUGGCAGUGGAAC	21
A-miRNA#2012	>hsa-miR-6509-3p MIMAT0025475	UUCCACUGCCACUACCUAAUUU	22
A-miRNA#2013	>hsa-miR-6510-5p MIMAT0025476	CAGCAGGGGAGAGAGAGGAGUC	22
A-miRNA#2014	>hsa-miR-6510-3p MIMAT0025477	CACCGACUCUGUCUCCUGCAG	21
A-miRNA#2015	>hsa-miR-6511a-5p MIMAT0025478	CAGGCAGAAGUGGGGCUGACAGG	23
A-miRNA#2016	>hsa-miR-6511a-3p MIMAT0025479	CCUCACCAUCCCUUCUGCCUGC	22

A-miRNA#2017	>hsa-miR-6512-5p MIMAT0025480	UACCAUUAGAAGAGCUGGAAGA	22
A-miRNA#2018	>hsa-miR-6512-3p MIMAT0025481	UUCCAGCCCUUCUAAUGGUAGG	22
A-miRNA#2019	>hsa-miR-6513-5p MIMAT0025482	UUUGGGAUUGACGCCACAUGUCU	23
A-miRNA#2020	>hsa-miR-6513-3p MIMAT0025483	UCAAGUGUCAUCUGUCCCUAG	21
A-miRNA#2021	>hsa-miR-6514-5p MIMAT0025484	UAUGGAGUGGACUUCAGCUGGC	23
A-miRNA#2022	>hsa-miR-6514-3p MIMAT0025485	CUGCCUGUUCUCCACUCCAG	21
A-miRNA#2023	>hsa-miR-6515-5p MIMAT0025486	UUGGAGGGUGUGGAAGACAUC	21
A-miRNA#2024	>hsa-miR-6515-3p MIMAT0025487	UCUCUUCAUCUACCCCCAG	20
A-miRNA#2025	>hsa-miR-6715a-3p MIMAT0025841	CCAAACCAGUCGUGCCUGUGG	21
A-miRNA#2026	>hsa-miR-6715b-5p MIMAT0025842	ACAGGCACGACUGGUUUGGCA	21
A-miRNA#2027	>hsa-miR-6715b-3p MIMAT0025843	CUCAAACCGGCUGUGCCUGUGG	22
A-miRNA#2028	>hsa-miR-6716-5p MIMAT0025844	UGGGAAUGGGGGUAAGGGCC	20
A-miRNA#2029	>hsa-miR-6716-3p MIMAT0025845	UCCGAACUCUCCAUCCUCUGC	22
A-miRNA#2030	>hsa-miR-6717-5p MIMAT0025846	AGGCGAUGUGGGGAUGUAGAGA	22
A-miRNA#2031	>hsa-miR-6511b-5p MIMAT0025847	CUGCAGGCAGAAGUGGGGCUGACA	24
A-miRNA#2032	>hsa-miR-6511b-3p MIMAT0025848	CCUCACCACCCUUCUGCCUGCA	23
A-miRNA#2033	>hsa-miR-6718-5p MIMAT0025849	UAGUGGUCAGAGGGCUUAUGA	21
A-miRNA#2034	>hsa-miR-6719-3p MIMAT0025850	UCUGACAUCAGUAUUCUCCUG	22
A-miRNA#2035	>hsa-miR-6720-3p MIMAT0025851	CGCGCCUGCAGGAACUGGUAGA	22
A-miRNA#2036	>hsa-miR-6721-5p MIMAT0025852	UGGGCAGGGGCUUAUUGUAGGAG	23
A-miRNA#2037	>hsa-miR-6722-5p MIMAT0025853	AGGCGCACCCGACCACAUGC	20
A-miRNA#2038	>hsa-miR-6722-3p MIMAT0025854	UGCAGGGGUCGGGUGGGCCAGG	22
A-miRNA#2039	>hsa-miR-6723-5p MIMAT0025855	AUAGUCCGAGUAACGUCGGGGC	22
A-miRNA#2040	>hsa-miR-6724-5p MIMAT0025856	CUGGGCCCGCGGCGGGCGUGGGG	23
A-miRNA#2041	>hsa-miR-892c-5p MIMAT0025857	UAUUCAGAAAGGUGCCAGUCA	21
A-miRNA#2042	>hsa-miR-892c-3p MIMAT0025858	CACUGUUUCCUUCUGAGUGGA	22