

Official Symbol	Accession	Target Sequence
mmu-let-7a	MIMAT0000521	UGAGGUAGUAGGUUUGUAUAGUU
mmu-let-7b	MIMAT0000522	UGAGGUAGUAGGUUUGUGUGUU
mmu-let-7c	MIMAT0000523	UGAGGUAGUAGGUUUGUAUAGUU
mmu-let-7d	MIMAT0000383	AGAGGUAGUAGGUUGCAUAGUU
mmu-let-7e	MIMAT0000524	UGAGGUAGGAGGUUUGUAUAGUU
mmu-let-7f	MIMAT0000525	UGAGGUAGUAGAUUGUAUAGUU
mmu-let-7g	MIMAT0000121	UGAGGUAGUAGUUUGUACAGUU
mmu-let-7i	MIMAT0000122	UGAGGUAGUAGUUUGUCUGUU
mmu-miR-1	MIMAT0000123	UGGAUUGUAAAGAGUAUGUAU
mmu-miR-7a	MIMAT0000677	UGGAAGACUAGUGAUUUUGUUGU
mmu-miR-7b	MIMAT0000678	UGGAAGACUUGUGAUUUUGUUGU
mmu-miR-9	MIMAT0000142	UCUUUGGUUAUCUACGUGUAUGA
mmu-miR-10a	MIMAT0000648	UACCCUGUAGAUCCGAAUUUGUG
mmu-miR-10b	MIMAT0000208	UACCCUGUAGAACCGAAUUUGUG
mmu-miR-15a	MIMAT0000526	UAGCAGCACAUAAUGGUUUUGUG
mmu-miR-15b	MIMAT0000124	UAGCAGCACAUCAUGGUUUACA
mmu-miR-16	MIMAT0000527	UAGCAGCACGUAUUUUUGGCG
mmu-miR-17 ^{*1}	MIMAT0000649	CAAAGUGCUUACAGUGCAGGUAG
mmu-miR-18a	MIMAT0000528	UAAGGUGCAUCUAGUGCAGAUAG
mmu-miR-18b	MIMAT0004858	UAAGGUGCAUCUAGUGCUGUAG
mmu-miR-19a	MIMAT0000651	UGUGCAAUCUAGCAGAAACUGA
mmu-miR-19b	MIMAT0000513	UGUGCAAUCCAUGCAAACUGA
mmu-miR-20a ^{*2}	MIMAT0000529	UAAAGUGCUUUAUGUGCAGGUAG
mmu-miR-20b ^{*2}	MIMAT0003187	CAAAGUGCUCAUAGUGCAGGUAG
mmu-miR-21	MIMAT0000530	UAGCUUAUCAGACUGAUUGUA
mmu-miR-22	MIMAT0000531	AAGCUGCCAGUUGAAGAACUGU
mmu-miR-23a	MIMAT0000532	AUCACAUUGCCAGGGAUUUCC
mmu-miR-23b	MIMAT0000125	AUCACAUUGCCAGGGAUUUCC
mmu-miR-24	MIMAT0000219	UGGCUCAGUUCAGCAGGAACAG
mmu-miR-25	MIMAT0000652	CAUUGCACUUGCUCGUCUGA
mmu-miR-26a	MIMAT0000533	UUCAAGUAAUCCAGGAUAGGU
mmu-miR-26b	MIMAT0000534	UUCAAGUAAUCCAGGAUAGGU
mmu-miR-27a	MIMAT0000537	UUCACAGUGCUAAGUUCGCG
mmu-miR-27b	MIMAT0000126	UUCACAGUGCUAAGUUCGCG
mmu-miR-28	MIMAT0000653	AAGGAGCUCACAGUCUUAUUGAG
mmu-miR-29a	MIMAT0000535	UAGCACCAUCGAAAUCGGUUA
mmu-miR-29b	MIMAT0000127	UAGCACCAUUAAGAAUCCAGUUGU
mmu-miR-29c	MIMAT0000536	UAGCACCAUUAAGAAUCCGGUUA
mmu-miR-30a	MIMAT0000128	UGUAAACAUCCUCGACUGGAAG
mmu-miR-30b	MIMAT0000130	UGUAAACAUCCUACACUCAGCU
mmu-miR-30c	MIMAT0000514	UGUAAACAUCCUACACUCUCAGC
mmu-miR-30d	MIMAT0000515	UGUAAACAUCCCGACUGGAAG
mmu-miR-30e	MIMAT0000248	UGUAAACAUCCUAGCUGGAAG
mmu-miR-31	MIMAT0000538	AGGCAAGAUUCUGGCAUAGCUG
mmu-miR-32	MIMAT0000654	UAUUGCACAUACUAAGUUGCA
mmu-miR-33	MIMAT0000667	GUGCAUUGUAGUUGCAUUGCA
mmu-miR-34a	MIMAT0000542	UGGCAGUGUCUUAUGCUGGUUGU
mmu-miR-34b-3p	MIMAT0004581	AAUCACUACUCCACUGGCAUC
mmu-miR-34b-5p	MIMAT0000382	AGGCAGUGUAAUAGCUGAUUGU
mmu-miR-34c	MIMAT0000381	AGGCAGUGUAGUAGCUGAUUGC
mmu-miR-92a	MIMAT0000539	UAUUGCACUUGUCCCGGCCUG
mmu-miR-92b	MIMAT0004899	UAUUGCACUUGUCCCGGCCUCC
mmu-miR-93	MIMAT0000540	CAAAGUGCUUGUCCGUGCAGGUAG
mmu-miR-96	MIMAT0000541	UUUGGCACUAGCACAUUUUUGCU
mmu-miR-98	MIMAT0000545	UGAGGUAGUAAUGUUAUUGUU
mmu-miR-99a	MIMAT0000131	AACCCGUAGAUCCGAUCUUGUG
mmu-miR-99b	MIMAT0000132	CACCCGUAGAACCGACCUUGCG
mmu-miR-100	MIMAT0000655	AACCCGUAGAUCCGAUCUUGUG
mmu-miR-101a	MIMAT0000133	UACAGUACUGUAGUAACUGAA
mmu-miR-101b	MIMAT0000616	UACAGUACUGUAGUAGCUGAA
mmu-miR-103	MIMAT0000546	AGCAGCAUUGUACAGGGCUAUGA
mmu-miR-105	MIMAT0004856	CCAAGUGCUAGAUUCUUGUGGU
mmu-miR-106a ^{*1}	MIMAT0000385	CAAAGUGCUAACAGUGCAGGUAG
mmu-miR-106b	MIMAT0000386	UAAAGUGCUAGACAGUGCAGAU
mmu-miR-107	MIMAT0000647	AGCAGCAUUGUACAGGGCUAUCA
mmu-miR-122	MIMAT0000246	UGGAGUGUGACAAUUGGUGUUUG
mmu-miR-124	MIMAT0000134	UAAGGCACGCGGUGAAUGCC
mmu-miR-125a-3p	MIMAT0004528	ACAGGUGAGGUUCUUGGGAGCC
mmu-miR-125a-5p	MIMAT0000135	UCCCGAGAGCCUUUAACCGUGA
mmu-miR-125b-3p	MIMAT0004669	ACGGGUUAGGCUUUGGGAGCU
mmu-miR-125b-5p	MIMAT0000136	UCCCGAGAGCCUUAACUUGUGA
mmu-miR-126-3p	MIMAT0000138	UCGUACCGUGAGUAAUUAUGCG
mmu-miR-126-5p	MIMAT0000137	CAUUUUUACUUGUUGGUACGCG
mmu-miR-127	MIMAT0000139	UCGGAUCCGUCUGAGCUUGGCU
mmu-miR-128	MIMAT0000140	UCACAGUGAACCGGUCUCUUU
mmu-miR-129-3p	MIMAT0000544	AAGCCCUUACCCCAAAGGCAU
mmu-miR-129-5p	MIMAT0000209	CUUUUUUGCGGUCUGGGCUUGC
mmu-miR-130a	MIMAT0000141	CAGUGCAAUGUAAAAGGGCAU
mmu-miR-130b	MIMAT0000387	CAGUGCAAUGUAAAAGGGCAU
mmu-miR-132	MIMAT0000144	UAACAGUCUACAGCCAUGGUCG
mmu-miR-133a	MIMAT0000145	UUUGGUCCCUUACACCCAGCUG
mmu-miR-133b	MIMAT0000769	UUUGGUCCCUUACACCCAGCUG
mmu-miR-134	MIMAT0000146	UGUGACUGGUUAGCAGAGGGG
mmu-miR-135a	MIMAT0000147	UAUGGCUUUUUUUUCCUAUGUGA
mmu-miR-135b	MIMAT0000612	UAUGGCUUUUUUUUCCUAUGUGA

mmu-miR-136	MIMAT0000148	ACUCCAUUUGUUUGAUGAUGG
mmu-miR-137	MIMAT0000149	UUUUUGCUUAGAAUACGCGUAG
mmu-miR-138	MIMAT0000150	AGCUGGUGUUUGAAUACAGGCCG
mmu-miR-139-3p	MIMAT0004662	UGGAGACGCGGCCUUGUUGGAG
mmu-miR-139-5p	MIMAT0000656	UCUACAGUGCACGUGUCUCCAG
mmu-miR-140	MIMAT0000151	CAGUGGUUUUACCCUUAUGGUAG
mmu-miR-141	MIMAT0000153	UAACACUGUCUGUAAGAUGG
mmu-miR-142-3p	MIMAT0000155	UGUAGUGUUUCCUACUUUAUGGA
mmu-miR-142-5p	MIMAT0000154	CAUAAAGUAGAAAGCACUACU
mmu-miR-143	MIMAT0000247	UGAGAUGAAGCACUGUAGCUC
mmu-miR-144	MIMAT0000156	UACAGUAUAGAUGAUGUACU
mmu-miR-145	MIMAT0000157	GUCCAGUUUCCAGGAAUCCCU
mmu-miR-146a	MIMAT0000158	UGAGAACUGAAUCCAUUGGUU
mmu-miR-146b	MIMAT0003475	UGAGAACUGAAUCCAUUGGCU
mmu-miR-147	MIMAT0004857	GUGUGCGGAAUUGCUUCUGCUA
mmu-miR-148a	MIMAT0000516	UCAGUGCACUACGAACUUUGU
mmu-miR-148b	MIMAT0000580	UCAGUGCAUCACAGAACUUUGU
mmu-miR-149	MIMAT0000159	UCUGGCUCGUGUCUUCACUCC
mmu-miR-150	MIMAT0000160	UCUCCCAACCCUUGUACCAGUG
mmu-miR-151-3p	MIMAT0000161	CUAGACUGAGGCCUCCUUGAGG
mmu-miR-151-5p	MIMAT0004536	UCGAGGAGCUCACAGCUAGU
mmu-miR-152	MIMAT0000162	UCAGUGCAUGACGAACUUUG
mmu-miR-153	MIMAT0000163	UUGCAUAGUCACAAAAGUGAUC
mmu-miR-154	MIMAT0000164	UAGGUUAUCCGUGUUUGCCUUG
mmu-miR-155	MIMAT0000165	UUAAUGCUAAUUGUGAUAGGGU
mmu-miR-181a	MIMAT0000210	AACAUUCAACGUCUGCGGUGAGU
mmu-miR-181b ³	MIMAT0000673	AACAUUCAUUGCUGUCGGUGGGU
mmu-miR-181c	MIMAT0000674	AACAUUCAACCCUUGUCGGUGAGU
mmu-miR-181d ³	MIMAT0004324	AACAUUCAUUGUUGUCGGUGGGU
mmu-miR-182	MIMAT0000211	UUUGGCAUUGGUAACUCACACCG
mmu-miR-183	MIMAT0000212	UAUGGCACUGGUAAGAAUACACU
mmu-miR-184	MIMAT0000213	UGGACGGAGAACUGUAAGGGU
mmu-miR-185	MIMAT0000214	UGGAGAGAAAGGCAGUCCUGA
mmu-miR-186	MIMAT0000215	CAAAGAAUUCUCCUUUUGGGCU
mmu-miR-187	MIMAT0000216	UCGUGUCUUGUGUUGCAGCCGG
mmu-miR-188-3p	MIMAT0004541	CUCCCAUUGCAGGGUUUGCA
mmu-miR-188-5p	MIMAT0000217	CAUCCCUUGCAUGGUGGAGGG
mmu-miR-190	MIMAT0000220	UGAUUUGUUUGAUUUAUUGGU
mmu-miR-190b	MIMAT0004852	UGAUUUGUUUGAUUUGGGUU
mmu-miR-191	MIMAT0000221	CAACGGAAUCCCAAAGCAGCUG
mmu-miR-192	MIMAT0000517	CUGACCUAUGAAUUGACAGCC
mmu-miR-193	MIMAT0000223	AACUGGCCUACAAAGUCCAGU
mmu-miR-193b	MIMAT0004859	AACUGGCCCAAAAGUCCCGCU
mmu-miR-194	MIMAT0000224	UGUAACAGCAACUCCAUUGGA
mmu-miR-195	MIMAT0000225	UAGCAGCACAGAAUUAUUGGC
mmu-miR-196a	MIMAT0000518	UAGGUAGUUUAUGUUGUUGGG
mmu-miR-196b	MIMAT0001081	UAGGUAGUUUCCUGUUGUUGGG
mmu-miR-199a-3p	MIMAT0000230	ACAGUAGUCUGCACAUUGGUUA
mmu-miR-199a-5p	MIMAT0000229	CCCAGUGUUCAGACUACCUGUUC
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mmu-miR-200b	MIMAT0000233	UAAUACUGCCUGGUAUUGAUGA
mmu-miR-200c	MIMAT0000657	UAAUACUGCCGGUUAUUGAUGGA
mmu-miR-201	MIMAT0000234	UACUCAGUAAGCAUUGUUCU
mmu-miR-202-3p	MIMAT0000235	AGAGGUUAUAGCGCAUGGGGAAGA
mmu-miR-202-5p	MIMAT0004546	UUCCUUAUGCAUUAUUCUUU
mmu-miR-203	MIMAT0000236	GUGAAAUUUUAGGACCAUAG
mmu-miR-204	MIMAT0000237	UUCCUUUGUCAUCCUUAUGCCU
mmu-miR-205	MIMAT0000238	UCCUUAUUCACCGGAGUCUG
mmu-miR-206	MIMAT0000239	UGGAAUGUAAGGAUGUGUGG
mmu-miR-207	MIMAT0000240	GCUUCUCCUGGCUCUCCUCCUC
mmu-miR-208a	MIMAT0000520	AUAAGACGAGCAAAAAGCUUGU
mmu-miR-208b	MIMAT0004939	AUAAGACGAACAAAAGUUUGU
mmu-miR-210	MIMAT0000658	CUGUGCGUGUGACAGCGGCUGA
mmu-miR-211	MIMAT0000668	UUCCUUUGUCAUCCUUUGCCU
mmu-miR-212	MIMAT0000659	UAACAGUCUCACAGUACCGCCA
mmu-miR-214	MIMAT0000661	ACAGCAGGCACAGACGGCAGU
mmu-miR-216a	MIMAT0000662	UAAUCUCAGCUGGCAACUGUGA
mmu-miR-216b	MIMAT0003729	AAAUCUCUGCAGGCAAAUGUGA
mmu-miR-217	MIMAT0000679	UACUGCAUCAGGAACUGACUGGA
mmu-miR-218	MIMAT0000663	UUGUGCUUGAUCUAAACUUGU
mmu-miR-219	MIMAT0000664	UGAUUGUCCAAACGCAUUUCU
mmu-miR-220	MIMAT0004863	CCACCACAGUGUCAGACACUU
mmu-miR-221	MIMAT0000669	AGCUACAUUGUCUGCGGGUUUC
mmu-miR-222	MIMAT0000670	AGCUACAUUCUGGUAUUGGGU
mmu-miR-223	MIMAT0000665	UGUCAGUUUGCAAAUACCCCA
mmu-miR-224	MIMAT0000671	UAAGUCACUAGUGUUCGGUU
mmu-miR-290-3p	MIMAT0004572	AAAGUGCCGCUAGUUUAAGCCC
mmu-miR-290-5p	MIMAT0000366	ACUCAAACUAGGGGGCACUUU
mmu-miR-291a-3p	MIMAT0000368	AAAGUGCUUCCACUUUGUGUG
mmu-miR-291a-5p	MIMAT0000367	CAUCAAAAGUGGAGGCCUCUCU
mmu-miR-291b-3p	MIMAT0003190	AAAGUGCAUCCAUUUUGUUGU
mmu-miR-291b-5p	MIMAT0003189	GAUCAAAAGUGGAGGCCUCCU
mmu-miR-292-3p	MIMAT0000370	AAAGUGCCGCGAGUUUUGAGUGU
mmu-miR-292-5p	MIMAT0000369	ACUCAAACUGGGGGUCUUUUG
mmu-miR-293	MIMAT0000371	AGUGCCGACAGUUUGUAGUGU
mmu-miR-294	MIMAT0000372	AAAGUGCUUCCUUUUGUGUGU
mmu-miR-295	MIMAT0000373	AAAGUGCUACUACUUUUGAGUCU
mmu-miR-296-3p	MIMAT0004576	GAGGGUUUGGGUGGAGGCUCUC
mmu-miR-296-5p	MIMAT0000374	AGGGCCCCUCAAUCCUGU
mmu-miR-297a ¹⁴	MIMAT0000375	AUGUAUGUGGCAUUGGCAUGU

mmu-miR-297b-3p	MIMAT0004827	UAUACAUACACACAUACCCAU
mmu-miR-297b-5p	MIMAT0003480	AUGUAUGUGUGCAUGAACAU
mmu-miR-297c	MIMAT0004865	AUGUAUGUGUGCAUGAACAU
mmu-miR-298	MIMAT0000376	GGCAGAGGAGGGCGUUCUCC
mmu-miR-299	MIMAT0004577	UAUGUGGGACGGUAAACCGCU
mmu-miR-300	MIMAT0000378	UAUGCAAGGGCAAGCUCUCU
mmu-miR-301a	MIMAT0000379	CAGUGCAAUAGUUAUUGCAAAG
mmu-miR-301b	MIMAT0004186	CAGUGCAAUGGUUAUUGCAAAG
mmu-miR-302a	MIMAT0000380	UAAGUGCUUCAUGUUUUGGUG
mmu-miR-302b	MIMAT0003374	UAAGUGCUUCAUGUUUUGUAG
mmu-miR-302c	MIMAT0003376	AAGUGCUUCAUGUUUCAGUGG
mmu-miR-302d	MIMAT0003377	UAAGUGCUUCAUGUUUUGAGUG
mmu-miR-320	MIMAT0000666	AAAAGCUGGGUUGAGAGGGCG
mmu-miR-322	MIMAT0000548	CAGCAGCAAUCAUGUUUUGGA
mmu-miR-323-3p	MIMAT0000551	CACAUACACGGUCGACCUCU
mmu-miR-323-5p	MIMAT0004638	AGGUGGUCCGUGGCGGUUCGC
mmu-miR-324-3p	MIMAT0000556	CCACUGCCCCAGGUGCUGCU
mmu-miR-324-5p	MIMAT0000555	CGCAUCCCCUAGGGCAUUGGUG
mmu-miR-325	MIMAT0004640	UUUAUUGAGCACCUCAUCAA
mmu-miR-326	MIMAT0000559	CCUCUGGGCCCUUCCUCCAGU
mmu-miR-327	MIMAT0004867	ACUUGAGGGGCAUGAGGAU
mmu-miR-328	MIMAT0000565	CUGGCCUCUCUGCCCUUCCGU
mmu-miR-329	MIMAT0000567	AACACACCCAGCUAACCUUUU
mmu-miR-330	MIMAT0004642	UCUCUGGGCCUGUGUCUAGGC
mmu-miR-331-3p	MIMAT0000571	GCCCCUGGGCCUUAUCCUAGAA
mmu-miR-331-5p	MIMAT0004643	CUAGGUUAUGGUCCAGGGAUCC
mmu-miR-335-3p	MIMAT0004704	UUUUUCAUUUAUUGCUCCGACC
mmu-miR-335-5p	MIMAT0000766	UCAAGAGCAAUAACGAAAAAUG
mmu-miR-337-3p	MIMAT0000578	UUCAGCUCCUAUUAUGGCCU
mmu-miR-337-5p	MIMAT0004644	GAAAGGCGUCAUGCAGGAGUU
mmu-miR-338-3p	MIMAT0000582	UCCAGCAUCAGUAUUUUGUUG
mmu-miR-338-5p	MIMAT0004647	AACAAUAUCCUGGUGCUGAGUG
mmu-miR-339-3p	MIMAT0004649	UGAGCGCCUCGGCGACAGAGCCG
mmu-miR-339-5p	MIMAT0000584	UCCUGUCCUCCAGGAGCUCACG
mmu-miR-340-3p	MIMAT0000586	UCCGUCUCAGUUAUUUAUAGC
mmu-miR-340-5p	MIMAT0004651	UUUAUAAAGCAAUGAGACUGAU
mmu-miR-341	MIMAT0000588	UCGGUCGAUCGGGUGGUGCGU
mmu-miR-342-3p	MIMAT0000590	UCUCACACAGAAUCCGACCCGU
mmu-miR-342-5p	MIMAT0004653	AGGGGUGCUAUCUGUGAUUGAG
mmu-miR-343	MIMAT0004868	UCUCCUUCUAGUGGCCAGA
mmu-miR-344	MIMAT0000593	UGAUCUAGCCAAAGCCUGACUGU
mmu-miR-345-3p	MIMAT0004656	CCUGAACUAGGGGUCUGGAGAC
mmu-miR-345-5p	MIMAT0000595	GCUGACCCUAGUCCAGUGCUU
mmu-miR-346	MIMAT0000597	UGUCUGCCCGAGUGCCUGCCUCU
mmu-miR-350	MIMAT0000605	UUCACAAAGCCCAUACACUUUC
mmu-miR-351	MIMAT0000609	UCCUGAGGAGCCUUUGAGCCUG
mmu-miR-361	MIMAT0000704	UUUAUCAGAAUCCAGGGGUAC
mmu-miR-362-3p	MIMAT0004684	AACACACCUUGUCAAGGAUUA
mmu-miR-362-5p	MIMAT0000706	AAUCCUUGGAACCUAGGUGGAAU
mmu-miR-363	MIMAT0000708	AAUUGCACGGUAUCCAUUGUA
mmu-miR-365	MIMAT0000711	UAAUGCCCCUAAAAUCCUUUAU
mmu-miR-367	MIMAT0003181	AAUUGCACUUUAGCAAUGGUGA
mmu-miR-369-3p	MIMAT0003186	AAUAAUACAUGGUUAUCUUU
mmu-miR-369-5p	MIMAT0003185	AGAUCGACCGUGUUAUUUCCG
mmu-miR-370	MIMAT0001095	GCCUGCUGGGUGGAACCUUGU
mmu-miR-374	MIMAT0003727	AUAUAAUACAACCUAGUAGUG
mmu-miR-375	MIMAT0000739	UUUGUUCGUUCGGCUCGCGUGA
mmu-miR-376a	MIMAT0000740	AUCGUAGAGGAAAUCCACGU
mmu-miR-376b	MIMAT0001092	AUCAUAGAGGAAACUCCAUU
mmu-miR-376c	MIMAT0003183	AACAUAGAGGAAAUUCACGU
mmu-miR-377	MIMAT0000741	AUCACACAAAGGCAACUUUUGU
mmu-miR-378	MIMAT0003151	ACUGGACUUGGAGUCAGAAGG
mmu-miR-379	MIMAT0000743	UGGUAGACUAUGGAACGUAGG
mmu-miR-380-3p	MIMAT0000745	UAUGUAGUAUGGUCCACAUUU
mmu-miR-380-5p	MIMAT0000744	AUGGUUAGACCAUAGAACAUGCG
mmu-miR-381	MIMAT0000746	UAUACAAGGGCAAGCUCUCUGU
mmu-miR-382	MIMAT0000747	GAAGUUUGUUCGUGGUGAUUCG
mmu-miR-383	MIMAT0000748	AGAUCAGAAGGUGACUGUGGCU
mmu-miR-384-3p	MIMAT0001076	AUUCUAGAAAUUGUUCACAAU
mmu-miR-384-5p	MIMAT0004745	UGUAAACAAUCCUAGGCAAUGU
mmu-miR-409-3p	MIMAT0001090	GAAUGUUGCUGGGUGAACCCCU
mmu-miR-409-5p	MIMAT0004746	AGGUUACCCGAGCAACUUUGCAU
mmu-miR-410	MIMAT0001091	AAUAUAACACAGAUGGCCUGU
mmu-miR-411	MIMAT0004747	UAGUAGACCGUAUAGCGUACG
mmu-miR-412	MIMAT0001094	UUCACCUUGGUCCACUAGCCG
mmu-miR-421	MIMAT0004869	AUCAACAGACAUUAUUUGGGCGC
mmu-miR-423-3p	MIMAT0003454	AGCUCGGUCUGAGGCCCCUCAGU
mmu-miR-423-5p	MIMAT0004825	UGAGGGGCGAGAGGCGAGACUUU
mmu-miR-425	MIMAT0004750	AAUGACACGAUCACUCCGUUGA
mmu-miR-429	MIMAT0001537	UAAUACUGUCUGGUAAUGCCGU
mmu-miR-431	MIMAT0001418	UGUCUUGCAGGCCUCAUGCA
mmu-miR-432	MIMAT0012771	UCUUGGAGUAGAUACAGUGGGCAG
mmu-miR-433	MIMAT0001420	AUCAUGAUGGGCUCUCGUGU
mmu-miR-434-3p	MIMAT0001422	UUUGAACCAUACUCGACUCCU
mmu-miR-434-5p	MIMAT0001421	GCUCGACUCAUGGUUUGAACCA
mmu-miR-448	MIMAT0001533	UUGCAUUAUGUAGGUAUCCCAU
mmu-miR-449a	MIMAT0001542	UGGCAGUGUAUUUUGUAGCUGGU
mmu-miR-449b	MIMAT0000547	AGGCAGUGUUGUAGCUGGC
mmu-miR-449c	MIMAT0003460	AGGCAGUGCAUUGCUCUGGG
mmu-miR-450a-3p	MIMAT0004789	AUUGGGGAGUGCUUUGCAUUAU
mmu-miR-450a-5p	MIMAT0001546	UUUUGCGAUGUGUCCUAAUUAU

mmu-miR-450b-3p	MIMAT0003512	AUUGGGAACAUUUUGCAUGCAU
mmu-miR-450b-5p	MIMAT0003511	UUUUGCAGUAUGUUCUGAAUA
mmu-miR-451	MIMAT0001632	AAACCGUUACCAUUACUGAGUU
mmu-miR-452	MIMAT0001637	UGUUUGCAGAGGAACUCAGAC
mmu-miR-453	MIMAT0004870	AGGUUGCCUCAUAGUGAGCUUGCA
mmu-miR-455	MIMAT0003742	GCAGUCCACGGGCAUUAUACAC
mmu-miR-463	MIMAT0004758	UGAUAGACACCAUUAAGGUAG
mmu-miR-464	MIMAT0002105	UACCAAGUUUAUUCUGUGAGAU
mmu-miR-465a-3p	MIMAT0004217	GAUCAGGGCCUUUCUUAAGUAGA
mmu-miR-465a-5p	MIMAT0002106	UAUUUAGAAUGGCACUGAUGUGA
mmu-miR-465b-5p	MIMAT0004871	UAUUUAGAAUGGUGCUGAUCUG
mmu-miR-465c-5p	MIMAT0004873	UAUUUAGAAUGGCGCUGAUCUG
mmu-miR-466a-3p ¹⁵	MIMAT0002107	UAUCAUACACGCACACUAAGA
mmu-miR-466a-5p ¹⁶	MIMAT0004759	UAUGUGUGUGUACAUGUACAUA
mmu-miR-466b-3-3p ¹⁵	MIMAT0005453	AAUCAUACACGCACACUAAGA
mmu-miR-466c-5p	MIMAT0004877	GAUGUGUGUGUGCAUGUACAUA
mmu-miR-466d-3p	MIMAT0004931	UAUCAUACACGCACACUAAG
mmu-miR-466d-5p	MIMAT0004930	UGUGUGUGCGUACAUGUACAUG
mmu-miR-466e-5p ¹⁶	MIMAT0004879	GAUGUGUGUGUACAUGUACAUA
mmu-miR-466f-5p	MIMAT0004881	UACGUGUGUGUGCAUGGCAUG
mmu-miR-466f ¹⁴	MIMAT0005844	ACGUGUGUGUGCAUGUGCAUGU
mmu-miR-466g	MIMAT0004883	AUACAGACACAUACACACACA
mmu-miR-466h	MIMAT0004884	UGUGUGCAUGUGCUUGUGUGUA
mmu-miR-466i	MIMAT0005834	AUACACACACACAUACACACUA
mmu-miR-466j	MIMAT0005848	UGUGUGCAUGUGCAUGUGUGUA
mmu-miR-466k	MIMAT0005845	UGUGUGUGUACAUGUACAUGUGA
mmu-miR-466l	MIMAT0005830	UAUAAAUACAUGGCACACUAUU
mmu-miR-467a	MIMAT0003409	UAAGUGCCUGCAUGUAUUAUGCG
mmu-miR-467b	MIMAT0005448	GUAAGUGCCUGCAUGUAUUAUG
mmu-miR-467c	MIMAT0004885	UAAGUGCGUGCAUGUAUUAUGUG
mmu-miR-467d	MIMAT0004886	UAAGUGCGCGCAUGUAUUAUGCG
mmu-miR-467e	MIMAT0005293	AUAAGUGUGAGCAUGUAUUAUGU
mmu-miR-467f	MIMAT0005846	AUAUACACACACACACCUACA
mmu-miR-467g	MIMAT0005854	UAUCAUACACACACAUUAUUAU
mmu-miR-467h ¹⁷	MIMAT0005855	AUAAGUGUGUGCAUGUAUUAUGU
mmu-miR-468	MIMAT0002109	UAUGACUGAUGUGCGUGUGUCUG
mmu-miR-469	MIMAT0002110	UGCCUCUUUAUUAUGAUCUUGGUGUCC
mmu-miR-470	MIMAT0002111	UUUUUGGACUGGCACUGGUGAGU
mmu-miR-471	MIMAT0002112	UACGUAGUAUAGUGCUUUUUCAC
mmu-miR-483	MIMAT0004782	AAGACGGGAGAAGAGAAGGGAG
mmu-miR-484	MIMAT0003127	UCAGGCUCAGUCCCUCCCGAU
mmu-miR-485	MIMAT0003128	AGAGGCUGGCGUGAUGAAUUC
mmu-miR-486	MIMAT0003130	UCCUGUACUGAGCUGCCCGAG
mmu-miR-487b	MIMAT0003184	AAUCGUACAGGGUCAUCCACUU
mmu-miR-488	MIMAT0003450	UUGAAAGGCUUUUCUUGGUC
mmu-miR-489	MIMAT0003112	AAUGACACCACAUUAUUGGCAGC
mmu-miR-490	MIMAT0003780	CAACCUUGGAGGACUCCAUGCUG
mmu-miR-491	MIMAT0003486	AGUGGGGAACCCUUCUUAUGAGG
mmu-miR-493	MIMAT0004888	UGAAGGUCCUACUGUGGCCAGG
mmu-miR-494	MIMAT0003182	UGAAACAUACACGGGAACCCU
mmu-miR-495	MIMAT0003456	AAACAACAUGGUGCACUUCUU
mmu-miR-496	MIMAT0003738	UGAGUAUUAUUAUGGCAUUCUC
mmu-miR-497	MIMAT0003453	CAGCAGCACACUGUGUUUGUA
mmu-miR-499	MIMAT0003482	UUAAGACUUUGCAGUGAUGUUU
mmu-miR-500	MIMAT0003507	AAUGCACCCGGAAGGGUUA
mmu-miR-501-3p	MIMAT0003509	AAUGCACCCGGGCAAGGAUUUG
mmu-miR-501-5p	MIMAT0003508	AAUCCUUUGUCCUGGGUGAAA
mmu-miR-503	MIMAT0003188	UAGCAGCGGGAACAGUACUGCAG
mmu-miR-504	MIMAT0004889	AGACCCUGGUCUGCACUCUAUC
mmu-miR-505	MIMAT0003513	CGUCAACACUUGCUGGUUUUCU
mmu-miR-509-3p	MIMAT0004891	UGAUUGACAUUUCUGUAUUGG
mmu-miR-509-5p	MIMAT0004890	UACUCCAGAAUGGCGCAUCAU
mmu-miR-511	MIMAT0004940	AUGCCUUUUGCUCUGCACUCA
mmu-miR-532-3p	MIMAT0004781	CCUCCACACCCAAAGGCUUGCA
mmu-miR-532-5p	MIMAT0002889	CAUGCCUUGAGUAGGACCGU
mmu-miR-539	MIMAT0003169	GGAGAAUUUAUCCUUGGUGUGU
mmu-miR-540-3p	MIMAT0003167	AGGUCAGAGGUGCAUCCUGG
mmu-miR-540-5p	MIMAT0004786	CAAGGGUACCCUCUGACUCUGU
mmu-miR-541	MIMAT0003170	AAGGGAUUCUGAUGUUGGUCACACU
mmu-miR-542-3p	MIMAT0003172	UGUGACAGAUUGAUACUGAAA
mmu-miR-542-5p	MIMAT0003171	CUCGGGGAUCAUUGUCACGA
mmu-miR-543	MIMAT0003168	AAACAUCGCGGUGCACUUCUU
mmu-miR-544	MIMAT0004941	AUUCUGCAUUUUAGCAAGCUC
mmu-miR-546	MIMAT0003166	AUGGUGGCACGGAGUC
mmu-miR-547	MIMAT0003173	CUUGGUACAUCUUUGAGUGAG
mmu-miR-551b	MIMAT0003890	GCGACCCAUACUUGGUUUCAG
mmu-miR-568	MIMAT0004892	AUGUAUAAUUGUAUACACAC
mmu-miR-574-3p	MIMAT0004894	CACGCUCAUGGCACACCCACA
mmu-miR-574-5p	MIMAT0004893	UGAGUGUGUGUGUGAGUGUGU
mmu-miR-582-3p	MIMAT0005292	CCUGUUUGAAACAUUGAACCCAA
mmu-miR-582-5p	MIMAT0005291	UACAGUUUGUUAACAGUUACU
mmu-miR-590-3p	MIMAT0004896	UAUUUUUAUGUAUAGCUAGU
mmu-miR-590-5p	MIMAT0004895	GAGCUUAUUCAUAAAUGGCGAG
mmu-miR-592	MIMAT0003730	AUUGUGUCAUUAUGGGAUGUGU
mmu-miR-599	MIMAT0012772	UUGUGUCAGUUUAUCAAC
mmu-miR-615-3p	MIMAT0003783	UCCGAGCCUGGGUCUCCUCUU
mmu-miR-615-5p	MIMAT0004837	GGGGUCCCGGUGCUCGGAUC
mmu-miR-652	MIMAT0003711	AAUGGCGCCACUAGGGUUGUG
mmu-miR-653	MIMAT0004943	GUGUUGAAACAUCUCUACUG
mmu-miR-654-3p	MIMAT0004898	UAUGUCUGCUGACCAUCACCUU

mmu-miR-654-5p	MIMAT0004897	UGGUAAGCUGCAGAACAUGUGU
mmu-miR-664	MIMAT0012774	UAUUCAUUUACUCCCCAGCCUA
mmu-miR-665	MIMAT0003733	ACCAGGAGGCGUGAGGUCCU
mmu-miR-666-3p	MIMAT0004823	GGCUGCAGCGUGAUGCCUGCU
mmu-miR-666-5p	MIMAT0003737	AGCGGGCACAGCUGUGAGAGCC
mmu-miR-667	MIMAT0003734	UGACACCUGCCACCCAGCCAAAG
mmu-miR-668	MIMAT0003732	UGUCACUCGGUCGCGCCACUACC
mmu-miR-669a	MIMAT0003477	AGUUGUGUGUGCAUGUUAUGU
mmu-miR-669b ¹⁴	MIMAT0003476	AGUUUUGUGUGCAUGUGCAUGU
mmu-miR-669d ¹⁷	MIMAT0005833	ACUUGUGUGUGCAUGUAUAUGU
mmu-miR-669e	MIMAT0005853	UGUCUUGUGUGUGCAUGUUAUGU
mmu-miR-669f	MIMAT0005839	CAUAUAACAACACACACAGUUAU
mmu-miR-669g	MIMAT0005832	UGCAUUGUAUGUGUUGACAUGAU
mmu-miR-669h-5p	MIMAT0005841	AUGCAUGGGUGUAUAGUUGAGUGC
mmu-miR-669i	MIMAT0005840	UGCAUAUACACACAUGCAUAC
mmu-miR-669j	MIMAT0005838	UGCAUAUACUCACAUGCAAACA
mmu-miR-669l ¹⁷	MIMAT0009418	AGUUGUGUGUGCAUGUAUAUGU
mmu-miR-669m	MIMAT0009419	AUAUAUAUCCACACAAACAUAU
mmu-miR-669n ¹⁸	MIMAT0009427	AUUUGUGUGUGGAUGUGUGU
mmu-miR-669o	MIMAT0009421	UAGUUGUGUGUGCAUGUUUAUGU
mmu-miR-670	MIMAT0003736	AUCCUGAGUGUAUGUGGUGAA
mmu-miR-671-3p	MIMAT0004821	UCCGGUUCUCAGGGUCCACC
mmu-miR-671-5p	MIMAT0003731	AGGAAGCCUCGGAGGGGCGGAG
mmu-miR-672	MIMAT0003735	UGAGGUUGGUGUACUGUGUGUA
mmu-miR-673-3p	MIMAT0004824	UCCGGGGCUGAGUUCUGUGCACC
mmu-miR-673-5p	MIMAT0003739	CUCACAGCUCUGGUUUGGAG
mmu-miR-674	MIMAT0003740	GCACUGAGAUGGGAGUGGUGUA
mmu-miR-675-3p	MIMAT0003726	CUGUAUGCCCUAACCGCUCAGU
mmu-miR-675-5p	MIMAT0003725	UGGUGCGGAAAGGGCCACAGU
mmu-miR-676	MIMAT0003782	CCGUCCUGAGGUUGUUGAGCU
mmu-miR-677	MIMAT0003451	UUCAGUGAUGAUUAGCUUCUGA
mmu-miR-678	MIMAT0003452	GUCUCGGUGCAAGGACUGGAGG
mmu-miR-679	MIMAT0003455	GGACUGUGAGUGACUCUUGGU
mmu-miR-680	MIMAT0003457	GGGCAUCUGCUGACAUGGGGG
mmu-miR-681	MIMAT0003458	CAGCCUCGCGGCGAGGAGCU
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mmu-miR-683	MIMAT0003461	CCUGCUGUAAGCUGUGUCCUC
mmu-miR-684	MIMAT0003462	AGUUUUCUUUAAGUCA
mmu-miR-686	MIMAT0003464	AUUGCUUCCAGACGGUGAAGA
mmu-miR-687	MIMAT0003466	CUAUCCUGGAAUGCAGCAAUGA
mmu-miR-688	MIMAT0003467	UCGCAGGCGACUACUUUUC
mmu-miR-689	MIMAT0003468	CGUCCCGCUGCGGGGUGCC
mmu-miR-690	MIMAT0003469	AAAGGCUAGGCUACAACCAA
mmu-miR-691	MIMAT0003470	AUCCUGAAGAGAGGCAGAAA
mmu-miR-692	MIMAT0003471	AUCUCUUGAGCGCCUCACUC
mmu-miR-693-3p	MIMAT0004189	GCAGCUUUCAGAUGGUGCUAA
mmu-miR-693-5p	MIMAT0003472	CAGCCACAUCGAAAGUUUUC
mmu-miR-694	MIMAT0003474	CUGAAAUGUUGCCUGAAG
mmu-miR-695	MIMAT0003481	AGAUUGGGCAUAGGUGACUGAA
mmu-miR-696	MIMAT0003483	CGUGUGCUUGCUGUGGG
mmu-miR-697	MIMAT0003487	AACAUCUUGGUCUGUGGAGA
mmu-miR-698	MIMAT0003488	CAUUCUCGUUUCCUUCUCCU
mmu-miR-700	MIMAT0003490	CACGCGGGAACCGAUCCACC
mmu-miR-701	MIMAT0003491	UUAGCCCGUGAAUAGAUUGA
mmu-miR-702	MIMAT0003492	UGCCCAACUUUACCCCGCUC
mmu-miR-703	MIMAT0003493	AAAACCUUCAGAAGGAAAGAA
mmu-miR-704	MIMAT0003494	AGACAUGUGCUCUGCUCCUAG
mmu-miR-706	MIMAT0003496	AGAGAAACCCUGUCUAAAAAA
mmu-miR-707	MIMAT0003497	CAGUCAUGCCGUUGCCUACG
mmu-miR-708	MIMAT0004828	AAGGAGCUUACAUCUAGCUGGG
mmu-miR-709	MIMAT0003499	GGAGGCAGAGGAGGAGGA
mmu-miR-710	MIMAT0003500	CCAAGUCUUGGGGAGAUUGAG
mmu-miR-711	MIMAT0003501	GGGACCCGGGAGAGAUUAAG
mmu-miR-712	MIMAT0003502	CUCUUCACCCGGGCGGUACC
mmu-miR-713	MIMAT0003504	UGCACUGAAGGCACACAGC
mmu-miR-714	MIMAT0003505	CGACGAGGGCGGUCGGUCGC
mmu-miR-715	MIMAT0003506	CUCCGUGCACACCCCGCGUG
mmu-miR-717	MIMAT0003510	CUCAGACAGAUACCUUCUCU
mmu-miR-718	MIMAT0003514	CUUCCGCCCGCGGGUGUCG
mmu-miR-719	MIMAT0003465	AUCUCGGCUACAGAAAAUGUU
mmu-miR-720	MIMAT0003484	AUCUCGCGGGGCCUCCA
mmu-miR-741	MIMAT0004236	UGAGAGAUGCCAUUCUAUGUAGA
mmu-miR-742	MIMAT0004237	GAAAGCCACCAUGCUGGGUAAA
mmu-miR-743a	MIMAT0004238	GAAAGACACCAAGCUGAGUAGA
mmu-miR-743b-3p	MIMAT0004840	GAAAGACAUAUGCUGAAUAGA
mmu-miR-743b-5p	MIMAT0004839	UGUUCAGACUGGUGUCCAUA
mmu-miR-744	MIMAT0004187	UGCGGGGCUAGGGCUAACAGCA
mmu-miR-758	MIMAT0003889	UUUGAGACCUUGGUCCACUA
mmu-miR-759	MIMAT0003897	GCAGAGUGCAAACAAUUUUGAC
mmu-miR-760	MIMAT0003898	CGGCUCUGGGUCUGUGGGGA
mmu-miR-761	MIMAT0003893	GCAGCAGGGUGAAACUGACACA
mmu-miR-762	MIMAT0003892	GGGGCUGGGGCCGGGACAGAGC
mmu-miR-763	MIMAT0003896	CCAGCUGGGAAGAACCAGUGGC
mmu-miR-764-3p	MIMAT0003895	AGGAGGCCAUAGUGGCAACUGU
mmu-miR-764-5p	MIMAT0003894	GGUGCUCACAUUCUCCU
mmu-miR-767	MIMAT0012773	UGCACCAUGGUUGUCUGAGCA
mmu-miR-770-3p	MIMAT0003891	CGUGGGCCUGACGUGGAGCUGG
mmu-miR-770-5p	MIMAT0004822	AGCACACGUGUCUGGGCCACG
mmu-miR-802	MIMAT0004188	UCAGUAACAAGAUUCAUCCUU
mmu-miR-804	MIMAT0004210	UGUGAGUUGUUCUCCAGGGA

mmu-miR-871	MIMAT0004841	UAUUCAGAUUAGUGCCAGUCAUG
mmu-miR-872	MIMAT0004934	AAGGUUACUUGUUAGUUCAGG
mmu-miR-873	MIMAT0004936	GCAGGAACUUGUGAGUCUCCU
mmu-miR-874	MIMAT0004853	CUGCCUCGCCCCGAGGGACCGA
mmu-miR-875-3p	MIMAT0004938	CCUGAAAUAUCUGAGGCUAUG
mmu-miR-875-5p	MIMAT0004937	UAUACCUCAGUUUAUCAGGUG
mmu-miR-876-3p	MIMAT0004855	UAGUGGUUUACAAGUAUUUCA
mmu-miR-876-5p	MIMAT0004854	UGGAUUUCUCUGUGAAUCACUA
mmu-miR-877	MIMAT0004861	GUAGAGGAGAUUGGCCAGGG
mmu-miR-878-3p	MIMAT0004933	GCAUGACACCACACUGGGUAGA
mmu-miR-878-5p	MIMAT0004932	UAUCUAGUUGGAUGUCAAGACA
mmu-miR-879	MIMAT0004842	AGAGGCUUAUAGUCUUAAGCC
mmu-miR-880	MIMAT0004844	UACUCCAUCUCUCUGAGUAGA
mmu-miR-881	MIMAT0004846	AACUGUGUCUUUCUGAAUAGA
mmu-miR-882	MIMAT0004847	AGGAGAGAGUUAGCGCAUUAGU
mmu-miR-883a-3p	MIMAT0004849	UAACUGCAACAGCUCUCAGUAU
mmu-miR-883a-5p	MIMAT0004848	UGCUGAGAGAAGUAGCAGUUAC
mmu-miR-883b-3p	MIMAT0004851	UAACUGCAACAUUCUCAGUAU
mmu-miR-883b-5p	MIMAT0004850	UACUGAGAAUGGGUAGCAGUCA
mmu-miR-1186	MIMAT0005836	GAGUGCUGGAAUUAAGGCAUG
mmu-miR-1186b	MIMAT0015644	UGGGAUUAAAAGGCAUGCACCAC
mmu-miR-1187	MIMAT0005837	UAUGUGUGUGUGUAUGUGUUA
mmu-miR-1188	MIMAT0005843	UGGUGUGAGGUUGGGCCAGGA
mmu-miR-1190	MIMAT0005847	UCAGCUGAGGUUCCCCUCUGUC
mmu-miR-1191	MIMAT0005849	CAGUCUUAUCUAGUAGCCCUA
mmu-miR-1192	MIMAT0005850	AAACAACAACAGACCAAUU
mmu-miR-1193	MIMAT0005851	UAGGUCACCCGUUUUACUAUC
mmu-miR-1194	MIMAT0005852	GAAUGAGUAACUGUAGUCCU
mmu-miR-1195	MIMAT0005856	UGAGUUCGAGGCCAGCCUGCUCA
mmu-miR-1196	MIMAT0005857	AAAUCUACCUGCCUCUGCCU
mmu-miR-1197	MIMAT0005858	UAGGACACUUGURUACUUCU
mmu-miR-1198	MIMAT0005859	UAUGUGUUCUGGCGGCUUGG
mmu-miR-1199	MIMAT0005860	UCUGAGUCCGGUCGCGCGG
mmu-miR-1224	MIMAT0005460	GUGAGGACUGGGAGGUGGAG
mmu-miR-1274a	MIMAT0009445	UCAGGUCCUGUUCAGGCGCCA
mmu-miR-1306	MIMAT0009411	ACGUUGGCUCUGGUGUGAUG
mmu-miR-1839-3p	MIMAT0009457	AGACCUACUUAUCUACCACAGC
mmu-miR-1839-5p	MIMAT0009456	AAGGUAGAUAGAACAGGUCUUG
mmu-miR-1892	MIMAT0007871	AUUUGGGGACGGGAGGGAGGAU
mmu-miR-1893	MIMAT0007879	GGCGCGGCGCUGGACGCCUCG
mmu-miR-1894-3p	MIMAT0007878	GCAAGGGAGAGGGUGAAGGGAG
mmu-miR-1894-5p	MIMAT0007877	CUCUCCCUUACCACUGCCUCU
mmu-miR-1895	MIMAT0007867	CCCCGAGGAGGACGAGGAGGA
mmu-miR-1896	MIMAT0007873	CUCUCUGAUGGUGGUGAGGAG
mmu-miR-1897-3p	MIMAT0007865	UCAACUCGUUCUGCCGGUGAG
mmu-miR-1898	MIMAT0007875	AGGUCAAGGUUCACAGGGGAUC
mmu-miR-1899	MIMAT0007869	AGCGAUGGCCGAUCUGCUUCC
mmu-miR-1900	MIMAT0007870	GGCCGCCUCUCUGUCCUUA
mmu-miR-1901	MIMAT0007880	CCGUCUGUACUCCGGGGUCC
mmu-miR-1902	MIMAT0007863	AGAGGUGCAGUAGGCAUGACUU
mmu-miR-1903	MIMAT0007868	CCUUCUUCUUCUCCUGAGACA
mmu-miR-1904	MIMAT0007874	GUUCUGUCCUCUGAGGGAGG
mmu-miR-1905	MIMAT0007866	CACCAGUCCACCACGCGGUAG
mmu-miR-1906	MIMAT0007872	UGCAGCAGCCUGAGGCAGGGCU
mmu-miR-1907	MIMAT0007876	GAGCAGCAGAGGAUCUGGAGGU
mmu-miR-1927	MIMAT0009390	GACCUCUGGAUGUUAGGGACUGA
mmu-miR-1928	MIMAT0009391	AGCUACAUUGCCAGCUC
mmu-miR-1929	MIMAT0009392	UUCUAGGACUUUAJAGCAGAG
mmu-miR-1930	MIMAT0009393	ACCUCCAUAGUACCGCAGCGU
mmu-miR-1931	MIMAT0009394	AUGCAAGGGCUGGUCCGAUGGC
mmu-miR-1932	MIMAT0009395	GUUGCGGACAGCGUAGGUCGG
mmu-miR-1933-3p	MIMAT0009397	CCAGGACCAUCAGUGACUAU
mmu-miR-1933-5p	MIMAT0009396	AGUCAUGGUGUUCGUUUAUUU
mmu-miR-1934	MIMAT0009398	UCUGGUCCUCUGUCCUCUCU
mmu-miR-1935	MIMAT0009399	AGGCAGAGGCUUGCCGGAUCUCU
mmu-miR-1936	MIMAT0009400	UAACUGACCUGCUUGAACUGGC
mmu-miR-1937a ⁹	MIMAT0009401	AAUCCCGGACGAGCCCCCA
mmu-miR-1937b ⁹	MIMAT0009414	AUCCCGGACGAGCCCCCA
mmu-miR-1937c	MIMAT0009429	AUCCCGGAAGGCCCCCA
mmu-miR-1938	MIMAT0009402	CGGUGGACUUGUAGUUCGGUC
mmu-miR-1939	MIMAT0009403	UCGAUUCUCCUGCCAAUGCAC
mmu-miR-1940	MIMAT0009404	AUGGAGGACUGAGAAGGUGGAGCAGUU
mmu-miR-1941-3p	MIMAT0009406	CAUCUUAGCAGUAUCUCCAU
mmu-miR-1941-5p	MIMAT0009405	AGGGAGAUGCUGUACAGAGGCUU
mmu-miR-1942	MIMAT0009407	UCAGAUGUCUUAUCUGGUUG
mmu-miR-1943	MIMAT0009408	AAGGGAGGAUCUGGGCACCUGGA
mmu-miR-1944	MIMAT0009409	CUCUGUGCUGAAUGUACAAGUUCUGAUU
mmu-miR-1945	MIMAT0009410	UCUUCGCGGGUACUGUCGGGAC
mmu-miR-1946a	MIMAT0009412	AGCCGGGCGAGUGGUGGCACACUUUU
mmu-miR-1946b	MIMAT0009443	GCCGGGCGAGUGGUGGCACAUUUU
mmu-miR-1947	MIMAT0009413	AGGACGAGCUAGCUGAGUGCUG
mmu-miR-1948	MIMAT0009415	UUUAGGCAGAGCACUGUACAG
mmu-miR-1949	MIMAT0009416	CUAUACCAGGAUGCAGCAUAGUU
mmu-miR-1950	MIMAT0009417	UCUGCAUCUAAGGAUAUGGUCA
mmu-miR-1951	MIMAT0009422	GUAGUGGAGACUGGUGGCUA
mmu-miR-1952	MIMAT0009423	UCUCCACCCUCCUUG
mmu-miR-1953	MIMAT0009424	UGGGAAGUUCUCAGGCUUCUG
mmu-miR-1954	MIMAT0009425	ACUGCAGAGUGAGACCCUGUU
mmu-miR-1955	MIMAT0009426	AGUCCAGGAUGCACUGCAGUUUU
mmu-miR-1956	MIMAT0009428	AGUCCAGGGCUGAGUCAGCGGA

mmu-miR-1957	MIMAT0009430	CAGUGGUAGAGCAUUGAC
mmu-miR-1958	MIMAT0009431	UAGGAAAGUGGAAGCAGUAAGU
mmu-miR-1959	MIMAT0009432	GGGGAUGUAGCUCAGUGGAG
mmu-miR-1960	MIMAT0009433	CCAGUGCUGUUAAGAGGGGCU
mmu-miR-1961	MIMAT0009434	UGAGGUAGUAGUUAGAA
mmu-miR-1962	MIMAT0009435	AGAGGCUGGCACUGGGACACAU
mmu-miR-1963	MIMAT0009436	UGGGACGAGAUCAUGAGCCUUC
mmu-miR-1964	MIMAT0009437	CCGACUUCUGGGCUCGGCUUU
mmu-miR-1965	MIMAT0009438	AAGCCGGGCGCUGUGGGCGCA
mmu-miR-1966	MIMAT0009439	AAGGGAGCUGGCUCAGGAGAGUC
mmu-miR-1967	MIMAT0009440	UGAGGAUCCUGGGGAGAAGUUC
mmu-miR-1968	MIMAT0009441	UGCAGCUGUUAAGGAUGGUGGACU
mmu-miR-1969	MIMAT0009442	AAGAUGGAGACUUUAACAUGGGU
mmu-miR-1970	MIMAT0009444	UGUGUCACUGGGGAUAGGCUUUG
mmu-miR-1971	MIMAT0009446	GUAAAGGCUGGGCUAGAGG
mmu-miR-1981	MIMAT0009458	GUAAAGGCUGGGCUUAGAGUGGC
mmu-miR-1982	MIMAT0009460	TCTCACCTATGTTCTCCACAG
mmu-miR-1983	MIMAT0009455	CUCACCUGGAGCAUGUUUUCU
mmu-miR-2132	MIMAT0011208	GGCGGGUGUAGACGCGAUG
mmu-miR-2133	MIMAT0011209	GUCCCCGGGGCCCGAAGCGUU
mmu-miR-2134	MIMAT0011210	GUUUUGGGAACGGGGGUC
mmu-miR-2135	MIMAT0011211	AGAGGUCUUGGGCCGAAAC
mmu-miR-2136	MIMAT0011212	CUGGGUGUAGACUGAGAUGUG
mmu-miR-2137	MIMAT0011213	GCCGGCGGAGCCCGAGGGAG
mmu-miR-2138	MIMAT0011214	AAGGGAACGGGCUUGCGGAAU
mmu-miR-2139	MIMAT0011215	AGCUGCGCUGCUCUGGUAACUGC
mmu-miR-2140	MIMAT0011216	AGGUGCAGAUUUGGUGGU
mmu-miR-2141	MIMAT0011217	AGGAGGUGUCAGAAAAGUU
mmu-miR-2145	MIMAT0011221	AGCAGGGUCGGCCUGGUU
mmu-miR-2146	MIMAT0011222	GUUGAGAAGGGUUCAGUGU
mmu-miR-2182	MIMAT0011286	ACGCCACAUUCCACCGCGCG
mmu-miR-2183	MIMAT0011287	UUGAACCCUGACCUCU
mmu-miR-2861	MIMAT0013803	GGGGCCUGGCGCGGGGGCG
mmu-miR-3072	MIMAT0014853	UGCCCCUCCAGGAAGCCUUCU
mmu-miR-3099	MIMAT0014816	UAGGCUAGAGAGGUGGUGGA
mmu-miR-3470a ^{*10}	MIMAT0015640	UCACUUUGUAGACCAGGCUGG
mmu-miR-3470b ^{*10}	MIMAT0015641	UCACUCUGUAGACCAGGCUGG
mmu-miR-3471	MIMAT0015642	UGAGAUCCAACUGUAAGGCAUU
mmu-miR-3472	MIMAT0015643	UAUAGCCAGAAGCUGGAAGGAACC
mmu-miR-3473	MIMAT0015645	UGGAGAGAUGGCUCAGCC
mmu-miR-3474	MIMAT0015646	CCUUGGGAGGAGACUGGAUUC
mmu-miR-3475	MIMAT0015219	UCUGGAGGCACAUGUUUGAA
Mouse Viral miRNA		
mcmv-miR-m01-1	MIMAT0005533	AGAGGAGAAUACGUCGAACGG
mcmv-miR-m01-2	MIMAT0005534	GAAGAGAAUCGGGUUGGAACGGU
mcmv-miR-m01-3	MIMAT0005536	CGGUGAAGCGACUGUUGCCUCGA
mcmv-miR-m01-4	MIMAT0005538	UCCUUAUGCUAACACGUGCGGUG
mcmv-miR-m21-1	MIMAT0005540	AUAGGGGACACGUUCAAGCCG
mcmv-miR-m22-1	MIMAT0005541	UUCCCCGUCGUACCGAGGCCA
mcmv-miR-M23-1-3p	MIMAT0005543	CUCCUGCGUGGCGCCGAGGCC
mcmv-miR-M23-1-5p	MIMAT0005542	CUCGGUACGGACGGGGAACCGU
mcmv-miR-M23-2	MIMAT0005545	AUGGGGGCCUCGGUCAAGCCG
mcmv-miR-M44-1	MIMAT0005546	UAUCUUUUUCCAGAGCCGCGGU
mcmv-miR-M55-1	MIMAT0005547	UGGUGAUCGGGUGUCUAGCCGU
mcmv-miR-m59-1	MIMAT0005548	UUAGCAGUGCCUCGACCGUCAG
mcmv-miR-m59-2	MIMAT0005549	CCCGAAGAGCCUCACAGAGCC
mcmv-miR-M87-1	MIMAT0005550	AGGCAGCCGUCGGCAGCGGCAGC
mcmv-miR-m88-1	MIMAT0005552	CAGAAGUCGAGUCGGGGUCU
mcmv-miR-M95-1-3p	MIMAT0005554	AGCGACGUCGCGGACGCGGCG
mcmv-miR-M95-1-5p	MIMAT0005553	GGUCGUGGGCUUGUGUCGCUUG
mcmv-miR-m107-1-3p	MIMAT0005556	UGCUCGCGUCGAGUACCGCUC
mcmv-miR-m107-1-5p	MIMAT0005555	CGGUCACUCGUCGAGUCACC
mcmv-miR-m108-1	MIMAT0005558	UUUCUGACGGUGGCUCGUGUCG
mcmv-miR-m108-2-3p	MIMAT0005561	GUGACUCGAGACGAGUACCGGU
mcmv-miR-m108-2-5p.1	MIMAT0005560	GCGGUCACUCGACGCGGACCCG
mcmv-miR-m108-2-5p.2	MIMAT0005559	UCACUCGUCGCGAGCGGUCAC
mgvh-miR-M1-1	MIMAT0001564	UAGAAAUGGCCGUACUCCUUU
mgvh-miR-M1-2	MIMAT0001565	CAGACCCCUUCUCCUUCUUU
mgvh-miR-M1-3	MIMAT0001566	GAGGUGAGCAGGAGUUGCGCUU
mgvh-miR-M1-4	MIMAT0001567	UCGAGGAGCAGUGUUUUUCUA
mgvh-miR-M1-5	MIMAT0001568	AGAGUUGAGAUCCGGUCGUCUC
mgvh-miR-M1-6	MIMAT0001569	UGAAACUGUGAGGUGGUUUU
mgvh-miR-M1-7-3p	MIMAT0001571	GAUAUCGCGCCACCUUUUUU
mgvh-miR-M1-7-5p	MIMAT0001570	AAAGGUGGAGGUGCGGUAACCU
mgvh-miR-M1-8	MIMAT0001572	AGCACUCACUGGGGUUUUGUC
mgvh-miR-M1-9	MIMAT0001573	UCACAUUUGCCUGGACCUUUU
Non-Mammalian Spike In miRNA probes		
ath-miR159a	MIMAT0000177	UUUGGAUUGAAGGGAGCUCUA
cel-miR-248	MIMAT0000304	AUACACGUGCAGGUAUACGCUCA
osa-miR414	MIMAT0001330	UCAUCCUCAUCAUCGUCC
Internal Reference Genes		
Actb	NM_007393.1	CAGGTCATCACTATTGGCAACGAGCGTTCCGATGCCCTGAGGCTCTTTCCAGCCT TCCTTCTTGGGTATGGAATCCTGTGGCATCCATGAAACTACAT
B2m	NM_009735.3	CTGAAGTGTACTAGTAACACAGTTCCACCCGCTCACATTGAAATCCAATGCTGAA GAACGGGAAAAAATTCCTAAAGTAGAGATGTCAGATATGTCCT
Gapdh	NM_008084.1	ATGTGTCCGTCTGGATCTGACGTGCCGCTGGAGAAACCTGCCAAGTATGATGAC ATCAAGAAGGTGGTGAAGCAGGCATCTGAGGGCCCACTGAAGGG

Rpl19	NM_009078.1	GAAGAGGCTTGCCTCTAGTGTCTCCGCTGCGGGAAAAAGAAGGTCTGGTTGGATC CCAATGAGACCAATGAAATCGCCAATGCCAACTCCCGTCAGCAG
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* miRNA species identified with an asterisk are targeted by a non-unique probe. All species targeted by the same probe