

GenTarget 's anti-miRNA catalog #	mouse miR Name, ID	mature miR sequence (mRNA)	miRNA Length
A-miRNA#3000	>mmu-let-7g-5p MIMAT0000121	UGAGGUAGUAGUUUGUACAGUU	22
A-miRNA#3001	>mmu-let-7g-3p MIMAT0004519	ACUGUACAGGCCACUGCCUUGC	22
A-miRNA#3002	>mmu-let-7i-5p MIMAT0000122	UGAGGUAGUAGUUUGUGCUGUU	22
A-miRNA#3003	>mmu-let-7i-3p MIMAT0004520	CUGCGCAAGCUACUGCCUUGCU	22
A-miRNA#3004	>mmu-miR-1a-1-5p MIMAT0016979	ACAUACUUCUUUAUAUGCCCAUA	23
A-miRNA#3005	>mmu-miR-1a-3p MIMAT0000123	UGGAAUGUAAAGAAGUAUGUAU	22
A-miRNA#3006	>mmu-miR-15b-5p MIMAT0000124	UAGCAGCAUCAUGGUUUACA	22
A-miRNA#3007	>mmu-miR-15b-3p MIMAT0004521	CGAAUCAUUUUUGCUGCUCUA	22
A-miRNA#3008	>mmu-miR-23b-5p MIMAT0016980	GGGUUCCUGGCAUGCUGAUUU	21
A-miRNA#3009	>mmu-miR-23b-3p MIMAT0000125	AUCACAUUGCCAGGGAUUACC	21
A-miRNA#3010	>mmu-miR-27b-5p MIMAT0004522	AGAGCUUAGCUGAUUGGUGAAC	22
A-miRNA#3011	>mmu-miR-27b-3p MIMAT0000126	UUCACAGUGGCUAAGUUCUGC	21
A-miRNA#3012	>mmu-miR-29b-1-5p MIMAT0004523	GCUGGUUUCAUAUGGUGGUUUA	22
A-miRNA#3013	>mmu-miR-29b-3p MIMAT0000127	UAGCACCAUUUGAAAUCAGUGUU	23
A-miRNA#3014	>mmu-miR-30a-5p MIMAT0000128	UGUAAACAUCUCGACUGGAAG	22
A-miRNA#3015	>mmu-miR-30a-3p MIMAT0000129	CUUUCAGUCGGAUGUUUGCAGC	22
A-miRNA#3016	>mmu-miR-30b-5p MIMAT0000130	UGUAAACAUCUACACUCAGCU	22
A-miRNA#3017	>mmu-miR-30b-3p MIMAT0004524	CUGGGAUGUGGAUGUUUACGUC	22
A-miRNA#3018	>mmu-miR-99a-5p MIMAT0000131	AACCCGUAGAUCGACUUGUG	22
A-miRNA#3019	>mmu-miR-99a-3p MIMAT0016981	CAAGCUCGUUUCUAUGGGUCU	21
A-miRNA#3020	>mmu-miR-99b-5p MIMAT0000132	CACCCGUAGAACCGACCUUGCG	22
A-miRNA#3021	>mmu-miR-99b-3p MIMAT0004525	CAAGCUCGUGUCUGUGGGUCCG	22
A-miRNA#3022	>mmu-miR-101a-5p MIMAT0004526	UCAGUUAUCACAGUGCUGAUGC	22
A-miRNA#3023	>mmu-miR-101a-3p MIMAT0000133	UACAGUACUGUGAUAAACUGAA	21
A-miRNA#3024	>mmu-miR-124-5p MIMAT0004527	CGUGUUCACAGCGGACCUUGAU	22
A-miRNA#3025	>mmu-miR-124-3p MIMAT0000134	UAAGGCACGCGGUGAAUGCC	20
A-miRNA#3026	>mmu-miR-125a-5p MIMAT0000135	UCCCUGAGACCCUUUAACUGUGA	24
A-miRNA#3027	>mmu-miR-125a-3p MIMAT0004528	ACAGGUGAGGUUCUUGGGAGCC	22
A-miRNA#3028	>mmu-miR-125b-5p MIMAT0000136	UCCCUGAGACCCUAACUUGUGA	22
A-miRNA#3029	>mmu-miR-125b-2-3p MIMAT0004529	ACAAGUCAGGUUCUUGGGACCU	22
A-miRNA#3030	>mmu-miR-126-5p MIMAT0000137	CAUUAUUACUUUUGGUACGCG	21
A-miRNA#3031	>mmu-miR-126-3p MIMAT0000138	UCGUACCGUGAGUAAUAUGCG	22
A-miRNA#3032	>mmu-miR-127-5p MIMAT0004530	CUGAAGCUCAGAGGGCUCUGAU	22
A-miRNA#3033	>mmu-miR-127-3p MIMAT0000139	UCGGAUCCGUCUGAGCUUGGCU	22
A-miRNA#3034	>mmu-miR-128-1-5p MIMAT0016982	CGGGGCCGUAGCACUGUCUGA	21
A-miRNA#3035	>mmu-miR-128-3p MIMAT0000140	UCACAGUGAACCGGUCUCUUU	21
A-miRNA#3036	>mmu-miR-130a-5p MIMAT0016983	GCUCUUUUCACAUUGUGCUACU	22
A-miRNA#3037	>mmu-miR-130a-3p MIMAT0000141	CAGUGCAAUGUUAAAAGGGCAU	22
A-miRNA#3038	>mmu-miR-9-5p MIMAT0000142	UCUUUGGUUAUCUAGCUGUAUGA	23
A-miRNA#3039	>mmu-miR-9-3p MIMAT0000143	AUAAAGCUAGAUAAACCGAAAGU	22
A-miRNA#3040	>mmu-miR-132-5p MIMAT0016984	AACCGUGGCUUUCGAUUGUUAC	22
A-miRNA#3041	>mmu-miR-132-3p MIMAT0000144	UAACAGUCUACAGCCAUGGUCG	22

A-miRNA#3042	>mmu-miR-133a-5p MIMAT0003473	GCUGGUAAAAUGGAACCAAAU	21
A-miRNA#3043	>mmu-miR-133a-3p MIMAT0000145	UUUGGUCCCCUUAACCAGCUG	22
A-miRNA#3044	>mmu-miR-134-5p MIMAT0000146	UGUGACUGGUUGACCAGAGGGG	22
A-miRNA#3045	>mmu-miR-134-3p MIMAT0016985	CUGUGGGCCACCUAGUCACC	20
A-miRNA#3046	>mmu-miR-135a-5p MIMAT0000147	UAUGGCUUUUUUAUCCUAUGUGA	23
A-miRNA#3047	>mmu-miR-135a-1-3p MIMAT0004531	UAUAGGGAUUGGAGCCGUGGCG	22
A-miRNA#3048	>mmu-miR-136-5p MIMAT0000148	ACUCCAUUUUGUUUUGAUGAUGG	22
A-miRNA#3049	>mmu-miR-136-3p MIMAT0004532	AUCAUCGUCUCAAUGAGUCUU	22
A-miRNA#3050	>mmu-miR-137-5p MIMAT0016986	ACGGGUAAUUCUUGGGUGGAUAAU	23
A-miRNA#3051	>mmu-miR-137-3p MIMAT0000149	UUAUUGCUUAAGAAUACGCGUAG	23
A-miRNA#3052	>mmu-miR-138-5p MIMAT0000150	AGCUGGUGUUGUGAAUCAGGCCG	23
A-miRNA#3053	>mmu-miR-138-2-3p MIMAT0016987	GCUAUUUACACGACACCAGGGU	21
A-miRNA#3054	>mmu-miR-140-5p MIMAT0000151	CAGUGGUUUUACCCUAUGGUAG	22
A-miRNA#3055	>mmu-miR-140-3p MIMAT0000152	UACCACAGGGUAGAACCACGG	21
A-miRNA#3056	>mmu-miR-141-5p MIMAT0004533	CAUCUUCAGUGCAGUGUUGGA	22
A-miRNA#3057	>mmu-miR-141-3p MIMAT0000153	UAACACUGUCUGGUAAAGAUGG	22
A-miRNA#3058	>mmu-miR-142-5p MIMAT0000154	CAUAAAGUAGAAAGCACUACU	21
A-miRNA#3059	>mmu-miR-142-3p MIMAT0000155	UGUAGUGUUUCCUACUUUAUGGA	23
A-miRNA#3060	>mmu-miR-144-5p MIMAT0016988	GGAUAUCAUCAUAUCUGUAAGU	23
A-miRNA#3061	>mmu-miR-144-3p MIMAT0000156	UACAGUAUAGAUGAUGUACU	20
A-miRNA#3062	>mmu-miR-145a-5p MIMAT0000157	GUCCAGUUUUCCCAGGAAUCCCU	23
A-miRNA#3063	>mmu-miR-145a-3p MIMAT0004534	AUUCUGGAAAUACUGUUCUUG	22
A-miRNA#3064	>mmu-miR-146a-5p MIMAT0000158	UGAGAACUGAAUCCAUGGGUU	22
A-miRNA#3065	>mmu-miR-146a-3p MIMAT0016989	CCUGUGAAAUUCAGUUCUUCAG	22
A-miRNA#3066	>mmu-miR-149-5p MIMAT0000159	UCUGGCUCGUGUCUUCACUCCC	23
A-miRNA#3067	>mmu-miR-149-3p MIMAT0016990	GAGGGAGGGACGGGGCGGUGC	22
A-miRNA#3068	>mmu-miR-150-5p MIMAT0000160	UCUCCCAACCCUUGUACCAGUG	22
A-miRNA#3069	>mmu-miR-150-3p MIMAT0004535	CUGGUACAGGCCUGGGGGAUAG	22
A-miRNA#3070	>mmu-miR-151-5p MIMAT0004536	UCGAGGAGCUCACAGUCUAGU	21
A-miRNA#3071	>mmu-miR-151-3p MIMAT0000161	CUAGACUGAGGCUCUUGAGG	21
A-miRNA#3072	>mmu-miR-152-5p MIMAT0016991	UAGGUUCUGUGAUACACUCCGACU	24
A-miRNA#3073	>mmu-miR-152-3p MIMAT0000162	UCAGUGCAUGACAGAACUUGG	21
A-miRNA#3074	>mmu-miR-153-5p MIMAT0016992	UUUGUGACGUUGCAGCU	17
A-miRNA#3075	>mmu-miR-153-3p MIMAT0000163	UUGCAUAGUCACAAAAGUGAUC	22
A-miRNA#3076	>mmu-miR-154-5p MIMAT0000164	UAGGUUAUCCGUGUUGCCUUCG	22
A-miRNA#3077	>mmu-miR-154-3p MIMAT0004537	AAUCAUACACGGUUGACCUAUU	22
A-miRNA#3078	>mmu-miR-155-5p MIMAT0000165	UUA AUGCUAAUUGUGAUAGGGGU	23
A-miRNA#3079	>mmu-miR-155-3p MIMAT0016993	CUCCUACCUGUAGCAUUAAC	21
A-miRNA#3080	>mmu-miR-10b-5p MIMAT0000208	UACCCUGUAGAACCGAAUUUGUG	23
A-miRNA#3081	>mmu-miR-10b-3p MIMAT0004538	CAGAUUCGAUUCUAGGGGAAUA	22
A-miRNA#3082	>mmu-miR-129-5p MIMAT0000209	CUUUUUGCGGUCUGGGCUUGC	21
A-miRNA#3083	>mmu-miR-129-1-3p MIMAT0016994	AAGCCCUUACCCCAAAAAGUUAU	22
A-miRNA#3084	>mmu-miR-181a-5p MIMAT0000210	AACAUUCAACGCUGUCGGUGAGU	23
A-miRNA#3085	>mmu-miR-181a-2-3p MIMAT0005443	ACCGACCGUUGACUGUACCUUG	22
A-miRNA#3086	>mmu-miR-182-5p MIMAT0000211	UUUGGCAAUGGUAGAACUCACACCG	25
A-miRNA#3087	>mmu-miR-182-3p MIMAT0016995	GUGGUUCUAGACUUGCCAACU	21
A-miRNA#3088	>mmu-miR-183-5p MIMAT0000212	UAUGGCACUGGUAGAAUUCACU	22

A-miRNA#3089	>mmu-miR-183-3p MIMAT0004539	GUGAAUUACCGAAGGGCCAUA	22
A-miRNA#3090	>mmu-miR-184-5p MIMAT0022690	CCUUAUCACUUUCCAGCCAGC	22
A-miRNA#3091	>mmu-miR-184-3p MIMAT0000213	UGGACGGAGAACUGAUAAAGGGU	22
A-miRNA#3092	>mmu-miR-185-5p MIMAT0000214	UGGAGAGAAAGGCAGUUCUGA	22
A-miRNA#3093	>mmu-miR-185-3p MIMAT0016996	AGGGGCUGGCUUCCUCUGGU	21
A-miRNA#3094	>mmu-miR-186-5p MIMAT0000215	CAAAGAAUUCUCCUUUUGGGCU	22
A-miRNA#3095	>mmu-miR-186-3p MIMAT0004540	GCCCUAAGGUGAAUUUUUGGG	22
A-miRNA#3096	>mmu-miR-187-5p MIMAT0016997	AGGCUACAACACAGGACCCGGG	22
A-miRNA#3097	>mmu-miR-187-3p MIMAT0000216	UCGUGUCUUGUGUUGCAGCCGG	22
A-miRNA#3098	>mmu-miR-188-5p MIMAT0000217	CAUCCCUUGCAUGGUGGAGGG	21
A-miRNA#3099	>mmu-miR-188-3p MIMAT0004541	CUCCCAUGCAGGGUUUGCA	21
A-miRNA#3100	>mmu-miR-24-1-5p MIMAT0000218	GUGCCUACUGAGCUGAUUUCAGU	23
A-miRNA#3101	>mmu-miR-24-3p MIMAT0000219	UGGCUCAGUUCAGCAGGAACAG	22
A-miRNA#3102	>mmu-miR-190a-5p MIMAT0000220	UGAUUUGUUUGAUUUAUAGGU	22
A-miRNA#3103	>mmu-miR-190a-3p MIMAT0016998	ACUAUAUAUCAAGCAUUAUCCU	22
A-miRNA#3104	>mmu-miR-191-5p MIMAT0000221	CAACGGAAUCCCAAAAGCAGCUG	23
A-miRNA#3105	>mmu-miR-191-3p MIMAT0004542	GCUGCACUUGGAUUUCGUUCCC	22
A-miRNA#3106	>mmu-miR-193a-5p MIMAT0004544	UGGGUCUUUGCGGGCAAGAUGA	22
A-miRNA#3107	>mmu-miR-193a-3p MIMAT0000223	AACUGGCCUACAAAGUCCCAGU	22
A-miRNA#3108	>mmu-miR-194-5p MIMAT0000224	UGUAAACAGCAACUCCAUGUGGA	22
A-miRNA#3109	>mmu-miR-194-1-3p MIMAT0016999	CCAGUGGAGCUGCUGUACUUC	22
A-miRNA#3110	>mmu-miR-195a-5p MIMAT0000225	UAGCAGCACAGAAUAUUGGC	21
A-miRNA#3111	>mmu-miR-195a-3p MIMAT0017000	CCAUAUUGGCUGUGCUGCUCC	22
A-miRNA#3112	>mmu-miR-199a-5p MIMAT0000229	CCCAGUGUUCAGACUACCUGUUC	23
A-miRNA#3113	>mmu-miR-199a-3p MIMAT0000230	ACAGUAGUCUGCAUUGGUUA	22
A-miRNA#3114	>mmu-miR-200b-5p MIMAT0004545	CAUCUACUGGGCAGCAUUGGA	22
A-miRNA#3115	>mmu-miR-200b-3p MIMAT0000233	UAAUACUGCCUGGUAAUGAUGA	22
A-miRNA#3116	>mmu-miR-201-5p MIMAT0000234	UACUCAGUAAGGCAUUGUUCUU	22
A-miRNA#3117	>mmu-miR-201-3p MIMAT0017001	UGAACAGUGCCUUUCUGUGUAGG	23
A-miRNA#3118	>mmu-miR-202-5p MIMAT0004546	UUCCUAUGCAUAUACUUCUUU	21
A-miRNA#3119	>mmu-miR-202-3p MIMAT0000235	AGAGGUUAUAGCGCAUGGGAAGA	22
A-miRNA#3120	>mmu-miR-203-5p MIMAT0004547	AGUGGUUCUUGACAGUUCAACA	22
A-miRNA#3121	>mmu-miR-203-3p MIMAT0000236	GUGAAAUGUUUAGGACCACUAG	22
A-miRNA#3122	>mmu-miR-204-5p MIMAT0000237	UUCCCUUUGUCAUCCUAGCCU	22
A-miRNA#3123	>mmu-miR-204-3p MIMAT0017002	GCUGGGAAGGCAAAGGGACGU	21
A-miRNA#3124	>mmu-miR-205-5p MIMAT0000238	UCCUUAUUCACCGGAGUCUG	22
A-miRNA#3125	>mmu-miR-205-3p MIMAT0017003	GAUUUCAGUGGAGUGAAGCUCA	22
A-miRNA#3126	>mmu-miR-206-5p MIMAT0017004	ACAUGCUUCUUUAUACCUCUAU	23
A-miRNA#3127	>mmu-miR-206-3p MIMAT0000239	UGGAAUGUAAGGAAGUGUGUGG	22
A-miRNA#3128	>mmu-miR-207 MIMAT0000240	GCUUCUCCUGGCUCUCCUCCUC	23
A-miRNA#3129	>mmu-miR-122-5p MIMAT0000246	UGGAGUGUGACAAUGGUGUUUG	22
A-miRNA#3130	>mmu-miR-122-3p MIMAT0017005	AAACGCCAUUAUCACACUAA	20
A-miRNA#3131	>mmu-miR-143-5p MIMAT0017006	GGUGCAGUGCUGCAUCUCUGG	21
A-miRNA#3132	>mmu-miR-143-3p MIMAT0000247	UGAGAUGAAGCACUGUAGCUC	21
A-miRNA#3133	>mmu-miR-30e-5p MIMAT0000248	UGUAAACAUCUUGACUGGAAG	22
A-miRNA#3134	>mmu-miR-30e-3p MIMAT0000249	CUUUCAGUCGGAUGUUUACAGC	22
A-miRNA#3135	>mmu-miR-290-5p MIMAT0000366	ACUCAAACUAUGGGGGCACUUU	22

A-miRNA#3136	>mmu-miR-290-3p MIMAT0004572	AAAGUGCCGCCUAGUUUUAAGCCC	24
A-miRNA#3137	>mmu-miR-291a-5p MIMAT0000367	CAUCAAGUGGAGGCCUCUCU	22
A-miRNA#3138	>mmu-miR-291a-3p MIMAT0000368	AAAGUGCUUCCACUUUGUGUGC	22
A-miRNA#3139	>mmu-miR-292-5p MIMAT0000369	ACUCAACUGGGGGCUCUUUUG	22
A-miRNA#3140	>mmu-miR-292-3p MIMAT0000370	AAAGUGCCGCCAGGUUUUGAGUGU	24
A-miRNA#3141	>mmu-miR-293-5p MIMAT0004573	ACUCAACUGUGUGACAUUUUUG	22
A-miRNA#3142	>mmu-miR-293-3p MIMAT0000371	AGUGCCGCAGAGUUUGUAGUGU	22
A-miRNA#3143	>mmu-miR-294-5p MIMAT0004574	ACUCAAAUGGAGGCCCUAUCU	22
A-miRNA#3144	>mmu-miR-294-3p MIMAT0000372	AAAGUGCUUCCCUUUUGUGUGU	22
A-miRNA#3145	>mmu-miR-295-5p MIMAT0004575	ACUCAAAUGUGGGGCACACUUC	22
A-miRNA#3146	>mmu-miR-295-3p MIMAT0000373	AAAGUGCUACUACUUUUGAGUCU	23
A-miRNA#3147	>mmu-miR-296-5p MIMAT0000374	AGGGCCCCCCCUCAAUCCUGU	21
A-miRNA#3148	>mmu-miR-296-3p MIMAT0004576	GAGGGUUGGGUGGAGGCUCUCC	22
A-miRNA#3149	>mmu-miR-297a-5p MIMAT0000375	AUGUAUGUGUGCAUGUGCAUGU	22
A-miRNA#3150	>mmu-miR-298-5p MIMAT0000376	GGCAGAGGAGGGCUGUUCUCCCC	23
A-miRNA#3151	>mmu-miR-298-3p MIMAT0017007	GAGGAACUAGCCUUCUCUCAGC	22
A-miRNA#3152	>mmu-miR-299a-5p MIMAT0000377	UGGUUUACCGUCCCAUAUACAU	22
A-miRNA#3153	>mmu-miR-299a-3p MIMAT0004577	UAUGUGGGACGGUAAACCGCUU	22
A-miRNA#3154	>mmu-miR-300-5p MIMAT0004578	UUGAAGAGAGGUUAUCCUUUGU	22
A-miRNA#3155	>mmu-miR-300-3p MIMAT0000378	UAUGCAAGGGCAAGCUCUCUUC	22
A-miRNA#3156	>mmu-miR-301a-5p MIMAT0017008	GCUCUGACUUUAUUGCACUACU	22
A-miRNA#3157	>mmu-miR-301a-3p MIMAT0000379	CAGUGCAAUAGUAUUGUCAAGC	23
A-miRNA#3158	>mmu-miR-302a-5p MIMAT0004579	ACUUAACGUGGUUGUACUUGC	22
A-miRNA#3159	>mmu-miR-302a-3p MIMAT0000380	UAAGUGCUUCCAUGUUUUGGUGA	23
A-miRNA#3160	>mmu-miR-34c-5p MIMAT0000381	AGGCAGUGUAGUUAGCUGAUUGC	23
A-miRNA#3161	>mmu-miR-34c-3p MIMAT0004580	AAUCACUAACCACACAGCCAGG	22
A-miRNA#3162	>mmu-miR-34b-5p MIMAT0000382	AGGCAGUGUAAUUAGCUGAUUGU	23
A-miRNA#3163	>mmu-miR-34b-3p MIMAT0004581	AAUCACUAACUCCACUGCCAUC	22
A-miRNA#3164	>mmu-let-7d-5p MIMAT0000383	AGAGGUAGUAGGUUGCAUAGUU	22
A-miRNA#3165	>mmu-let-7d-3p MIMAT0000384	CUAUACGACCUGCUGCCUUUCU	22
A-miRNA#3166	>mmu-miR-106a-5p MIMAT0000385	CAAAGUGCUAACAGUGCAGGUAG	23
A-miRNA#3167	>mmu-miR-106a-3p MIMAT0017009	ACUGCAGUGCCAGCACUUCUAC	23
A-miRNA#3168	>mmu-miR-106b-5p MIMAT0000386	UAAAGUGCUGACAGUGCAGAU	21
A-miRNA#3169	>mmu-miR-106b-3p MIMAT0004582	CCGCACUGUGGGUACUUGCUGC	22
A-miRNA#3170	>mmu-miR-130b-5p MIMAT0004583	ACUCUUUCCUGUUGCACUACU	22
A-miRNA#3171	>mmu-miR-130b-3p MIMAT0000387	CAGUGCAAUGAUGAAAGGGCAU	22
A-miRNA#3172	>mmu-miR-19b-2-5p MIMAT0017010	AGUUUUGCAGAUUUGCAGUUCAGC	24
A-miRNA#3173	>mmu-miR-19b-3p MIMAT0000513	UGUGCAAUCCAUGCAAACUGA	23
A-miRNA#3174	>mmu-miR-30c-5p MIMAT0000514	UGUAAACAUCCUACACUCUCAGC	23
A-miRNA#3175	>mmu-miR-30c-1-3p MIMAT0004616	CUGGGAGAGGGUUGUUUACUCC	22
A-miRNA#3176	>mmu-miR-30c-2-3p MIMAT0005438	CUGGGAGAAGGCUGUUUACUCU	22
A-miRNA#3177	>mmu-miR-30d-5p MIMAT0000515	UGUAAACAUCCCCGACUGGAAG	22
A-miRNA#3178	>mmu-miR-30d-3p MIMAT0017011	CUUUCAGUCAGAUGUUUGCUGC	22
A-miRNA#3179	>mmu-miR-148a-5p MIMAT0004617	AAAGUUCUGAGACACUCCGACU	22
A-miRNA#3180	>mmu-miR-148a-3p MIMAT0000516	UCAGUGCACUACAGAACUUUGU	22
A-miRNA#3181	>mmu-miR-192-5p MIMAT0000517	CUGACCUAUGAAUUGACAGCC	21
A-miRNA#3182	>mmu-miR-192-3p MIMAT0017012	CUGCCAUAUCCAUAGGUCACAG	22

A-miRNA#3183	>mmu-miR-196a-5p MIMAT0000518	UAGGUAGUUUCAUGUUGUUGGG	22
A-miRNA#3184	>mmu-miR-196a-1-3p MIMAT0017013	CAACGACAUCAAACCACCUGAU	22
A-miRNA#3185	>mmu-miR-196a-2-3p MIMAT0004618	UCGGCAACAAGAAACUGCCUGA	22
A-miRNA#3186	>mmu-miR-200a-5p MIMAT0004619	CAUCUUAACCGGACAGUGCUGGA	22
A-miRNA#3187	>mmu-miR-200a-3p MIMAT0000519	U AACACUGUCUGGUAACGAUGU	22
A-miRNA#3188	>mmu-miR-208a-5p MIMAT0017014	GAGCUUUUGGCCCGGGUUAUAC	22
A-miRNA#3189	>mmu-miR-208a-3p MIMAT0000520	AUAAGACGAGCAAAAAGCUUGU	22
A-miRNA#3190	>mmu-let-7a-5p MIMAT0000521	UGAGGUAGUAGGUUGUAUAGUU	22
A-miRNA#3191	>mmu-let-7a-1-3p MIMAT0004620	CUAUACAAUCUACUGUCUUUCC	22
A-miRNA#3192	>mmu-let-7a-2-3p MIMAT0017015	CUGUACAGCCUCCUAGCUUUC	21
A-miRNA#3193	>mmu-let-7b-5p MIMAT0000522	UGAGGUAGUAGGUUGUGUGGUU	22
A-miRNA#3194	>mmu-let-7b-3p MIMAT0004621	CUAUACAACCUACUGCCUUC	22
A-miRNA#3195	>mmu-let-7c-5p MIMAT0000523	UGAGGUAGUAGGUUGUAUGGUU	22
A-miRNA#3196	>mmu-let-7c-1-3p MIMAT0004622	CUGUACAACCUUCUAGCUUUC	22
A-miRNA#3197	>mmu-let-7c-2-3p MIMAT0005439	CUAUACAAUCUACUGUCUUUC	22
A-miRNA#3198	>mmu-let-7e-5p MIMAT0000524	UGAGGUAGGAGGUUGUAUAGUU	22
A-miRNA#3199	>mmu-let-7e-3p MIMAT0017016	CUAUACGGCCUCCUAGCUUUC	22
A-miRNA#3200	>mmu-let-7f-5p MIMAT0000525	UGAGGUAGUAGAUUGUAUAGUU	22
A-miRNA#3201	>mmu-let-7f-1-3p MIMAT0004623	CUAUACAAUCUAAUGCCUUC	22
A-miRNA#3202	>mmu-let-7f-2-3p MIMAT0017017	CUAUACAGUCUACUGUCUUUC	21
A-miRNA#3203	>mmu-miR-15a-5p MIMAT0000526	UAGCAGCACAUAAUGGUUUGUG	22
A-miRNA#3204	>mmu-miR-15a-3p MIMAT0004624	CAGGCCAUACUGUGCUGCCUCA	22
A-miRNA#3205	>mmu-miR-16-5p MIMAT0000527	UAGCAGCACGUAAUAUUGGCG	22
A-miRNA#3206	>mmu-miR-16-1-3p MIMAT0004625	CCAGUAUUGACUGUGCUGCUGA	22
A-miRNA#3207	>mmu-miR-16-2-3p MIMAT0017018	ACCAUAUAUUAUUGUGCUGCUU	22
A-miRNA#3208	>mmu-miR-18a-5p MIMAT0000528	UAAGGUGCAUCUAGUGCAGAUAG	23
A-miRNA#3209	>mmu-miR-18a-3p MIMAT0004626	ACUGCCCUAAGUGCUCUUCUG	22
A-miRNA#3210	>mmu-miR-20a-5p MIMAT0000529	UAAAGUGCUUAUAGUGCAGGUAG	23
A-miRNA#3211	>mmu-miR-20a-3p MIMAT0004627	ACUGCAUACGAGCACUAAAG	22
A-miRNA#3212	>mmu-miR-21a-5p MIMAT0000530	UAGCUUAUCAGACUGAUGUUGA	22
A-miRNA#3213	>mmu-miR-21a-3p MIMAT0004628	CAACAGCAGUCGAUGGGCUGUC	22
A-miRNA#3214	>mmu-miR-22-5p MIMAT0004629	AGUUCUUCAGUGGCAAGCUUUA	22
A-miRNA#3215	>mmu-miR-22-3p MIMAT0000531	AAGCUGCCAGUUGAAGAACUGU	22
A-miRNA#3216	>mmu-miR-23a-5p MIMAT0017019	GGGGUUCUGGGGAUGGGAUUU	22
A-miRNA#3217	>mmu-miR-23a-3p MIMAT0000532	AUCACAUUGCCAGGGAUUUCC	21
A-miRNA#3218	>mmu-miR-24-2-5p MIMAT0005440	GUGCCUACUGAGCUGAAACAGU	22
A-miRNA#3219	>mmu-miR-26a-5p MIMAT0000533	UUCAAGUAAUCCAGGAUAGGCU	22
A-miRNA#3220	>mmu-miR-26a-1-3p MIMAT0017020	CCUAUUCUUGGUUACUUGCACG	22
A-miRNA#3221	>mmu-miR-26b-5p MIMAT0000534	UUCAAGUAAUUCAGGAUAGGU	21
A-miRNA#3222	>mmu-miR-26b-3p MIMAT0004630	CCUGUUCUCCAUUACUUGGCUC	22
A-miRNA#3223	>mmu-miR-29a-5p MIMAT0004631	ACUGAUUUUUUUGGUGUUCAG	22
A-miRNA#3224	>mmu-miR-29a-3p MIMAT0000535	UAGCACCAUCUGAAAUCGGUUA	22
A-miRNA#3225	>mmu-miR-29c-5p MIMAT0004632	UGACCGAUUUCUCCUGGUGUUC	22
A-miRNA#3226	>mmu-miR-29c-3p MIMAT0000536	UAGCACCAUUUGAAAUCGGUUA	22
A-miRNA#3227	>mmu-miR-27a-5p MIMAT0004633	AGGGCUUAGCUGCUUGUGAGCA	22
A-miRNA#3228	>mmu-miR-27a-3p MIMAT0000537	UUCACAGUGGCUAAGUCCGC	21
A-miRNA#3229	>mmu-miR-31-5p MIMAT0000538	AGGCAAGAUGCUGGCAUAGCUG	22

A-miRNA#3230	>mmu-miR-31-3p MIMAT0004634	UGCUAUGCCAACAUAUUGCCAUC	23
A-miRNA#3231	>mmu-miR-92a-2-5p MIMAT0004635	AGGUGGGGAUUGGUGGCAUAC	22
A-miRNA#3232	>mmu-miR-92a-3p MIMAT0000539	UAUUGCACUUGUCCCCGCCUG	21
A-miRNA#3233	>mmu-miR-93-5p MIMAT0000540	CAAAGUGCUGUUCGUGCAGGUAG	23
A-miRNA#3234	>mmu-miR-93-3p MIMAT0004636	ACUGCUGAGCUAGCACUUCCCG	22
A-miRNA#3235	>mmu-miR-96-5p MIMAT0000541	UUUGGCACUAGCACAUUUUUGCU	23
A-miRNA#3236	>mmu-miR-96-3p MIMAT0017021	CAAUCAUGUGUAGUGCCAAUUAU	22
A-miRNA#3237	>mmu-miR-34a-5p MIMAT0000542	UGGCAGUGUCUUAAGCUGGUUGU	22
A-miRNA#3238	>mmu-miR-34a-3p MIMAT0017022	AAUCAGCAAGUAUACUGCCCU	21
A-miRNA#3239	>mmu-miR-129-2-3p MIMAT0000544	AAGCCCUUACCCCAAAAAGCAU	22
A-miRNA#3240	>mmu-miR-98-5p MIMAT0000545	UGAGGUAGUAAGUUGUAUUGUU	22
A-miRNA#3241	>mmu-miR-98-3p MIMAT0017023	CUAUACAACUUAUACUUAUCCU	22
A-miRNA#3242	>mmu-miR-103-1-5p MIMAT0017024	GGCUUCUUUACAGUGCUGCCUUG	23
A-miRNA#3243	>mmu-miR-103-3p MIMAT0000546	AGCAGCAUUGUACAGGGCUAUGA	23
A-miRNA#3244	>mmu-miR-103-2-5p MIMAT0017025	AGCUUCUUUACAGUGCUGCCUUG	23
A-miRNA#3245	>mmu-miR-322-5p MIMAT0000548	CAGCAGCAAUUCAGUUUUUGGA	22
A-miRNA#3246	>mmu-miR-322-3p MIMAT0000549	AAACAUGAAGCGCUGCAACAC	21
A-miRNA#3247	>mmu-miR-323-5p MIMAT0004638	AGGUGGUCCGUGGCGCGUUCGC	22
A-miRNA#3248	>mmu-miR-323-3p MIMAT0000551	CACAUUACACGGUCGACCUCU	21
A-miRNA#3249	>mmu-miR-324-5p MIMAT0000555	CGCAUCCCCUAGGGCAUUGGUGU	23
A-miRNA#3250	>mmu-miR-324-3p MIMAT0000556	CCACUGCCCCAGGUGCUGCU	20
A-miRNA#3251	>mmu-miR-325-5p MIMAT0000558	CCUAGUAGGUGCUCAGUAAGUGU	23
A-miRNA#3252	>mmu-miR-325-3p MIMAT0004640	UUUAUUGAGCACCUCUAUCAA	22
A-miRNA#3253	>mmu-miR-326-5p MIMAT0017027	GGGGGCAGGGCCUUUGUGAAGGCG	24
A-miRNA#3254	>mmu-miR-326-3p MIMAT0000559	CCUCUGGGCCCUUCCUCCAGU	21
A-miRNA#3255	>mmu-miR-328-5p MIMAT0017030	GGGGGGCAGGAGGGGCUCAGGG	22
A-miRNA#3256	>mmu-miR-328-3p MIMAT0000565	CUGGCCCUCUCUGCCCUUCCGU	22
A-miRNA#3257	>mmu-miR-329-5p MIMAT0017032	AGAGGUUUUCUGGGUCUCUGUU	22
A-miRNA#3258	>mmu-miR-329-3p MIMAT0000567	AACACCCCAGCUAACCUUUUU	22
A-miRNA#3259	>mmu-miR-330-5p MIMAT0004642	UCUCUGGGCCUGUGUCUUAAGGC	22
A-miRNA#3260	>mmu-miR-330-3p MIMAT0000569	GCAAAGCACAGGGCCUGCAGAGA	23
A-miRNA#3261	>mmu-miR-331-5p MIMAT0004643	CUAGGUAUGGUCCAGGGAUCC	22
A-miRNA#3262	>mmu-miR-331-3p MIMAT0000571	GCCCCUGGGCCUAUCCUAGAA	21
A-miRNA#3263	>mmu-miR-337-5p MIMAT0004644	GAACGGCGUCAUGCAGGAGUU	21
A-miRNA#3264	>mmu-miR-337-3p MIMAT0000578	UUCAGCUCCUAUAUGAUGCCU	21
A-miRNA#3265	>mmu-miR-148b-5p MIMAT0017036	GAAGUUCUGUUAUACACUCAGGCU	24
A-miRNA#3266	>mmu-miR-148b-3p MIMAT0000580	UCAGUGCAUCACAGAACUUUGU	22
A-miRNA#3267	>mmu-miR-338-5p MIMAT0004647	AACAAUAUCCUGGUGCUGAGUG	22
A-miRNA#3268	>mmu-miR-338-3p MIMAT0000582	UCCAGCAUCAGUGAUUUUGUUG	22
A-miRNA#3269	>mmu-miR-339-5p MIMAT0000584	UCCCUGUCCUCCAGGAGCUCACG	23
A-miRNA#3270	>mmu-miR-339-3p MIMAT0004649	UGAGCGCCUCGCGCACAGAGCCG	23
A-miRNA#3271	>mmu-miR-340-5p MIMAT0004651	UUAUAAAGCAAUGAGACUGAUU	22
A-miRNA#3272	>mmu-miR-340-3p MIMAT0000586	UCCGUCUCAGUUACUUAUAGC	22
A-miRNA#3273	>mmu-miR-341-5p MIMAT0017037	CGGUCGGCCGAUCGCUCGGUC	21
A-miRNA#3274	>mmu-miR-341-3p MIMAT0000588	UCGGUCGAUCGGUCGGUCGGU	21
A-miRNA#3275	>mmu-miR-342-5p MIMAT0004653	AGGGGUGCUAUCUGUGAUUGAG	22
A-miRNA#3276	>mmu-miR-342-3p MIMAT0000590	UCUCACACAGAAUCGCACCCGU	23

A-miRNA#3277	>mmu-miR-344-5p MIMAT0017038	AGUCAGGCUCCUGGCUAGAUUCCAGG	26
A-miRNA#3278	>mmu-miR-344-3p MIMAT0000593	UGAUCUAGCCAAAGCCUGACUGU	23
A-miRNA#3279	>mmu-miR-345-5p MIMAT0000595	GCUGACCCCUAGUCCAGUGCUU	22
A-miRNA#3280	>mmu-miR-345-3p MIMAT0004656	CCUGAACUAGGGGUCUGGAGAC	22
A-miRNA#3281	>mmu-miR-346-5p MIMAT0000597	UGUCUGCCCGAGUGCCUGCCUCU	23
A-miRNA#3282	>mmu-miR-346-3p MIMAT0017039	AGGCAGGGGCGUGGGCCUGCAGC	22
A-miRNA#3283	>mmu-miR-350-5p MIMAT0017040	AAAGUGCAUGCGCUUUGGG	19
A-miRNA#3284	>mmu-miR-350-3p MIMAT0000605	UUCACAAAGCCCAUACACUUUC	22
A-miRNA#3285	>mmu-miR-351-5p MIMAT0000609	UCCCUGAGGAGCCCUUUGAGCCUG	24
A-miRNA#3286	>mmu-miR-351-3p MIMAT0017042	GGUCAAGAGGCGCCUGGGAAC	21
A-miRNA#3287	>mmu-miR-135b-5p MIMAT0000612	UAUGGCUUUUCAUCCUAUGUGA	23
A-miRNA#3288	>mmu-miR-135b-3p MIMAT0017044	AUGUAGGGCUAAAAGCCAUGGG	22
A-miRNA#3289	>mmu-miR-101b-5p MIMAT0017046	UCGGUUAUCAUGGUACCGAUGCU	23
A-miRNA#3290	>mmu-miR-101b-3p MIMAT0000616	UACAGUACUGUGAUAGCUGAA	21
A-miRNA#3291	>mmu-miR-1a-2-5p MIMAT0017047	ACAUACUUCUUUAUGUACCCAUA	23
A-miRNA#3292	>mmu-miR-107-5p MIMAT0017048	AGCUUCUUUACAGUGUUGCCUUG	23
A-miRNA#3293	>mmu-miR-107-3p MIMAT0000647	AGCAGCAUUGUACAGGGCUAUCA	23
A-miRNA#3294	>mmu-miR-10a-5p MIMAT0000648	UACCCUGUAGAUCCGAUUUUGUG	23
A-miRNA#3295	>mmu-miR-10a-3p MIMAT0004659	CAAAUUCGUAUCUAGGGGAAUA	22
A-miRNA#3296	>mmu-miR-17-5p MIMAT0000649	CAAAGUGCUUACAGUGCAGGUAG	23
A-miRNA#3297	>mmu-miR-17-3p MIMAT0000650	ACUGCAGUGAGGGGCACUUGUAG	22
A-miRNA#3298	>mmu-miR-19a-5p MIMAT0004660	UAGUUUUGCAUAGUUGCACUAC	22
A-miRNA#3299	>mmu-miR-19a-3p MIMAT0000651	UGUGCAAUUCUAUGCAAAACUGA	23
A-miRNA#3300	>mmu-miR-25-5p MIMAT0017049	AGGCGGAGACUUGGGCAAUUGC	22
A-miRNA#3301	>mmu-miR-25-3p MIMAT0000652	CAUUGCACUUGUCUCGGUCUGA	22
A-miRNA#3302	>mmu-miR-28a-5p MIMAT0000653	AAGGAGCUCACAGUCUAUUGAG	22
A-miRNA#3303	>mmu-miR-28a-3p MIMAT0004661	CACUAGAUUGUGAGCUGCUGGA	22
A-miRNA#3304	>mmu-miR-32-5p MIMAT0000654	UAUUGCACAUUACUAAGUUGCA	22
A-miRNA#3305	>mmu-miR-32-3p MIMAT0017050	CAAUUUAGUGUGUGUGAUUUU	21
A-miRNA#3306	>mmu-miR-100-5p MIMAT0000655	AACCCGUAGAUCGGAACUUGUG	22
A-miRNA#3307	>mmu-miR-100-3p MIMAT0017051	ACAAGCUUGUGUCUAUAGGUU	22
A-miRNA#3308	>mmu-miR-139-5p MIMAT0000656	UCUACAGUGCACGUGUCUCCAG	22
A-miRNA#3309	>mmu-miR-139-3p MIMAT0004662	UGGAGACGCGGCCUGUUGGAG	22
A-miRNA#3310	>mmu-miR-200c-5p MIMAT0004663	CGUCUUACCCAGCAGUGUUUGG	22
A-miRNA#3311	>mmu-miR-200c-3p MIMAT0000657	UAAUACUGCCGGGUAAUGAUGGA	23
A-miRNA#3312	>mmu-miR-210-5p MIMAT0017052	AGCCACUGCCCACCGCACACUG	22
A-miRNA#3313	>mmu-miR-210-3p MIMAT0000658	CUGUGCGUGUGACAGCGGCUGA	22
A-miRNA#3314	>mmu-miR-212-5p MIMAT0017053	ACCUUGGCUCUAGACUGCUUACU	23
A-miRNA#3315	>mmu-miR-212-3p MIMAT0000659	UACAGUCUCCAGUCACGGCCA	22
A-miRNA#3316	>mmu-miR-181a-1-3p MIMAT0000660	ACCAUCGACCGUUGAUUGUACC	22
A-miRNA#3317	>mmu-miR-214-5p MIMAT0004664	UGCCUGUCUACACUUGCUGUGC	22
A-miRNA#3318	>mmu-miR-214-3p MIMAT0000661	ACAGCAGGCACAGACAGGCAGU	22
A-miRNA#3319	>mmu-miR-216a-5p MIMAT0000662	UAAUCUCAGCUGGCAACUGUGA	22
A-miRNA#3320	>mmu-miR-216a-3p MIMAT0017054	CACAGUGGUCUCUGGGAUUAUG	22
A-miRNA#3321	>mmu-miR-218-5p MIMAT0000663	UUGUGCUUGAUCUAACCAUGU	21
A-miRNA#3322	>mmu-miR-218-1-3p MIMAT0004665	AAACAUGGUUCCGUCAAGCACC	22
A-miRNA#3323	>mmu-miR-218-2-3p MIMAT0005444	CAUGGUUCUGUCAAGCACC	22

A-miRNA#3324	>mmu-miR-219-5p MIMAT0000664	UGAUUGUCCAAACGCAAUUCU	21
A-miRNA#3325	>mmu-miR-219-1-3p MIMAT0017055	AGAGUUGCGUCUGGACGUCCCG	22
A-miRNA#3326	>mmu-miR-223-5p MIMAT0017056	CGUGUAUUUGACAAGCUGAGUUG	23
A-miRNA#3327	>mmu-miR-223-3p MIMAT0000665	UGUCAGUUUGUCAAAUACCCCA	22
A-miRNA#3328	>mmu-miR-320-5p MIMAT0017057	GCCUUCUCUUCCCGGUUCUJCC	22
A-miRNA#3329	>mmu-miR-320-3p MIMAT0000666	AAAAGCUGGGUUGAGAGGGCGA	22
A-miRNA#3330	>mmu-miR-26a-2-3p MIMAT0017058	CCUGUUCUUGAUUACUUGUUUC	22
A-miRNA#3331	>mmu-miR-33-5p MIMAT0000667	GUGCAUUGUAGUUGCAUUGCA	21
A-miRNA#3332	>mmu-miR-33-3p MIMAT0004666	CAAUGUUUCCACAGUGCAUCAC	22
A-miRNA#3333	>mmu-miR-211-5p MIMAT0000668	UUCCCUUUGUCAUCCUUUGCCU	22
A-miRNA#3334	>mmu-miR-211-3p MIMAT0017059	GCAAGGACAGCAAAGGGGGGC	21
A-miRNA#3335	>mmu-miR-221-5p MIMAT0017060	ACCUGGCAUACAAUGUAGAUUUCUGU	26
A-miRNA#3336	>mmu-miR-221-3p MIMAT0000669	AGCUACAUUGUCUGCUGGGUUUC	23
A-miRNA#3337	>mmu-miR-222-5p MIMAT0017061	UCAGUAGCCAGUGUAGAUCU	21
A-miRNA#3338	>mmu-miR-222-3p MIMAT0000670	AGCUACAUCUGGCUACUGGGU	21
A-miRNA#3339	>mmu-miR-224-5p MIMAT0000671	UAAGUCACUAGUGGUUCCGUU	21
A-miRNA#3340	>mmu-miR-224-3p MIMAT0017062	AAAUGGUGCCCUAGUGACUACA	22
A-miRNA#3341	>mmu-miR-29b-2-5p MIMAT0017063	CUGGUUUCACAUGGUGGCUUAGAUU	25
A-miRNA#3342	>mmu-miR-199b-5p MIMAT0000672	CCCAGUGUUUAGACUACCGUUC	23
A-miRNA#3343	>mmu-miR-199b-3p MIMAT0004667	ACAGUAGUCUGCACAUUGGUUA	22
A-miRNA#3344	>mmu-miR-135a-2-3p MIMAT0017064	UGUAGGGAUGGAAGCCAUGAA	21
A-miRNA#3345	>mmu-miR-19b-1-5p MIMAT0017065	AGUUUUGCAGGUUUGCAUCCAGC	23
A-miRNA#3346	>mmu-miR-92a-1-5p MIMAT0017066	AGGUUGGGAUUUGUCGCAUUGCU	23
A-miRNA#3347	>mmu-miR-138-1-3p MIMAT0004668	CGGCUACUUCACAACACCAGGG	22
A-miRNA#3348	>mmu-miR-181b-5p MIMAT0000673	AACAUUCAUUGCUGUCGGUGGGU	23
A-miRNA#3349	>mmu-miR-181b-1-3p MIMAT0017067	CUCACUGAACAUAUGAAUGC	19
A-miRNA#3350	>mmu-miR-181c-5p MIMAT0000674	AACAUUCAACCUUGUCGGUGAGU	22
A-miRNA#3351	>mmu-miR-181c-3p MIMAT0017068	ACCAUCGACCGUUGAGUGGACC	22
A-miRNA#3352	>mmu-miR-125b-1-3p MIMAT0004669	ACGGGUUAGGCUCUUGGGAGCU	22
A-miRNA#3353	>mmu-miR-128-2-5p MIMAT0017069	GGGGGCCGAUGCACUGUAAGAGA	23
A-miRNA#3354	>mmu-miR-7a-5p MIMAT0000677	UGGAAGACUAGUGAUUUUGUUGU	23
A-miRNA#3355	>mmu-miR-7a-1-3p MIMAT0004670	CAACAAUACAGUCUGCCAU	22
A-miRNA#3356	>mmu-miR-7a-2-3p MIMAT0017070	CAACAAGUCCCAGUCUGCCACA	22
A-miRNA#3357	>mmu-miR-7b-5p MIMAT0000678	UGGAAGACUUGUGAUUUUGUUGU	23
A-miRNA#3358	>mmu-miR-7b-3p MIMAT0017071	CAACAAGUCACAGCCAGCCUCA	22
A-miRNA#3359	>mmu-miR-217-5p MIMAT0000679	UACUGCAUCAGGAACUGACUGGA	23
A-miRNA#3360	>mmu-miR-217-3p MIMAT0017072	CAUCAGUUCUAAUGCAUUGCCU	23
A-miRNA#3361	>mmu-miR-194-2-3p MIMAT0017073	CCAGUGGGGCGUCUGUUAUCUG	22
A-miRNA#3362	>mmu-miR-219-2-3p MIMAT0022841	AGAAUUGUGGCUGGACAUCUGU	22
A-miRNA#3363	>mmu-miR-361-5p MIMAT0000704	UUAUCAGAAUCUCCAGGGGUAC	22
A-miRNA#3364	>mmu-miR-361-3p MIMAT0017075	UCCCCAGGUGUGAUUCUGAUUUGU	25
A-miRNA#3365	>mmu-miR-362-5p MIMAT0000706	AAUCCUUGGAACCUAGGUGUGAAU	24
A-miRNA#3366	>mmu-miR-362-3p MIMAT0004684	AACACACUGUUCUAAAGGAUUCA	22
A-miRNA#3367	>mmu-miR-363-5p MIMAT0017076	CAGGUGGAACACGAUGCAAUUU	22
A-miRNA#3368	>mmu-miR-363-3p MIMAT0000708	AAUUGCACGUAUCCAUCUGUA	22
A-miRNA#3369	>mmu-miR-365-1-5p MIMAT0017077	AGGGACUUUUGGGGGCAGAUGUG	23
A-miRNA#3370	>mmu-miR-365-3p MIMAT0000711	UAAUGCCCCUAAAAUCCUUAU	22

A-miRNA#3371	>mmu-miR-375-5p MIMAT0017078	GCGACGAGCCCCUCGCACAAAC	22
A-miRNA#3372	>mmu-miR-375-3p MIMAT0000739	UUUGUUCGUUCGGCUCGCGUGA	22
A-miRNA#3373	>mmu-miR-376a-5p MIMAT0003387	GGUAGAUUCUCCUUCUAUGAGU	22
A-miRNA#3374	>mmu-miR-376a-3p MIMAT0000740	AUCGUAGAGGAAAAUCCACGU	21
A-miRNA#3375	>mmu-miR-377-5p MIMAT0017079	AGAGGUUGCCCUUGGUGAAUUC	22
A-miRNA#3376	>mmu-miR-377-3p MIMAT0000741	AUCACACAAAGGCAACUUUUGU	22
A-miRNA#3377	>mmu-miR-378a-5p MIMAT0000742	CUCCUGACUCCAGGUCCUGUGU	22
A-miRNA#3378	>mmu-miR-378a-3p MIMAT0003151	ACUGGACUUGGAGUCAGAAGG	21
A-miRNA#3379	>mmu-miR-379-5p MIMAT0000743	UGGUAGACUAUGGAACGUAGG	21
A-miRNA#3380	>mmu-miR-379-3p MIMAT0017080	UAUGUAACAUGGUCCACUAACU	22
A-miRNA#3381	>mmu-miR-380-5p MIMAT0000744	AUGGUUGACCAUAGAACAUGCG	22
A-miRNA#3382	>mmu-miR-380-3p MIMAT0000745	UAUGUAGUAUGGUCCACAUCUU	22
A-miRNA#3383	>mmu-miR-381-5p MIMAT0017081	AGCGAGGUUGCCCUUUGUAUAUU	23
A-miRNA#3384	>mmu-miR-381-3p MIMAT0000746	UAUACAAGGGCAAGCUCUCUGU	22
A-miRNA#3385	>mmu-miR-382-5p MIMAT0000747	GAAGUUGUUCGUGGUGGAUUCG	22
A-miRNA#3386	>mmu-miR-382-3p MIMAT0004691	UCAUUCACGGACAACACUUUUU	22
A-miRNA#3387	>mmu-miR-383-5p MIMAT0000748	AGAUCAGAAGGUGACUGUGGCU	22
A-miRNA#3388	>mmu-miR-383-3p MIMAT0017082	CCACAGCACUGCCUGGUCAGA	21
A-miRNA#3389	>mmu-miR-335-5p MIMAT0000766	UCAAGAGCAAUAACGAAAAAUGU	23
A-miRNA#3390	>mmu-miR-335-3p MIMAT0004704	UUUUUCAUUAUUGCUCCUGACC	22
A-miRNA#3391	>mmu-miR-133b-5p MIMAT0017083	GCUGGUCAAACGGAACCAAGUC	22
A-miRNA#3392	>mmu-miR-133b-3p MIMAT0000769	UUUGGUCCCCUUAACCAGCUA	22
A-miRNA#3393	>mmu-miR-181b-2-3p MIMAT0017084	CUCACUGAUCAAUGAAUGCAAA	22
A-miRNA#3394	>mmu-miR-215-5p MIMAT0000904	AUGACCUAUGAUUUGACAGAC	21
A-miRNA#3395	>mmu-miR-215-3p MIMAT0017169	UCUGUCAUUCUGUAGGCCAAU	21
A-miRNA#3396	>mmu-miR-384-5p MIMAT0004745	UGUAAACAAUUCUAGGCAAUGU	23
A-miRNA#3397	>mmu-miR-384-3p MIMAT0001076	AUUCUAGAAAUUGUUCACAAU	22
A-miRNA#3398	>mmu-miR-196b-5p MIMAT0001081	UAGGUAGUUUCCUGUUGUUGGG	22
A-miRNA#3399	>mmu-miR-196b-3p MIMAT0017170	UCGACAGCACGACACUGCCUUC	22
A-miRNA#3400	>mmu-miR-409-5p MIMAT0004746	AGGUUACCCGAGCAACUUUGCAU	23
A-miRNA#3401	>mmu-miR-409-3p MIMAT0001090	GAAUGUUGCUCGGUGAACCCCU	22
A-miRNA#3402	>mmu-miR-410-5p MIMAT0017172	AGGUUGUCUGUGAUGAGUUCG	21
A-miRNA#3403	>mmu-miR-410-3p MIMAT0001091	AAUAUAACACAGAUGGCCUGU	21
A-miRNA#3404	>mmu-miR-376b-5p MIMAT0003388	GUGGAUAUUCUUCUAUGGUUA	22
A-miRNA#3405	>mmu-miR-376b-3p MIMAT0001092	AUCAUAGAGGAACAUCACUU	21
A-miRNA#3406	>mmu-miR-411-5p MIMAT0004747	UAGUAGACCGUAUAGCGUACG	21
A-miRNA#3407	>mmu-miR-411-3p MIMAT0001093	UAUGUAACACGGUCCACUAACC	22
A-miRNA#3408	>mmu-miR-412-5p MIMAT0017173	UGGUCGACCAGCUGGAAAGUAAU	23
A-miRNA#3409	>mmu-miR-412-3p MIMAT0001094	UUCACCUGGUCCACUAGCCG	20
A-miRNA#3410	>mmu-miR-370-5p MIMAT0017174	CAGGUCACGUCUCUGCAGUU	20
A-miRNA#3411	>mmu-miR-370-3p MIMAT0001095	GCCUGCUGGGGUGGAACCUGGU	22
A-miRNA#3412	>mmu-miR-425-5p MIMAT0004750	AAUGACACGAUCACUCCCGUUGA	23
A-miRNA#3413	>mmu-miR-425-3p MIMAT0001342	AUCGGGAAUGUCGUGUCCGCC	21
A-miRNA#3414	>mmu-miR-431-5p MIMAT0001418	UGUCUUGCAGGCCGUAUGCA	21
A-miRNA#3415	>mmu-miR-431-3p MIMAT0004753	CAGGUCGUCUUGCAGGGCUUCU	22
A-miRNA#3416	>mmu-miR-433-5p MIMAT0001419	UACGGUGAGCCUGUCAUUAUUC	22
A-miRNA#3417	>mmu-miR-433-3p MIMAT0001420	AUCAUGAUGGGCUCCUCGGUGU	22

A-miRNA#3418	>mmu-miR-434-5p MIMAT0001421	GCUCGACUCAUGGUUUGAACCA	22
A-miRNA#3419	>mmu-miR-434-3p MIMAT0001422	UUUGAACCAUCACUCGACUCCU	22
A-miRNA#3420	>mmu-miR-448-5p MIMAT0017176	GAACAUCUGCAUAGUGCUGCC	22
A-miRNA#3421	>mmu-miR-448-3p MIMAT0001533	UUGCAUAUGUAGGAUGUCCCAU	22
A-miRNA#3422	>mmu-miR-429-5p MIMAT0017178	GUCUUACCAGACAUGGUUAGA	21
A-miRNA#3423	>mmu-miR-429-3p MIMAT0001537	UAAUACUGUCUGGUAAUGCCGU	22
A-miRNA#3424	>mmu-miR-365-2-5p MIMAT0017179	AGGGACUUUCAGGGGCAGCUGUG	23
A-miRNA#3425	>mmu-miR-449a-5p MIMAT0001542	UGGCAGUGUAUUGUUAGCUGGU	22
A-miRNA#3426	>mmu-miR-449a-3p MIMAT0017180	CAGCUAACAUGCGACUGCUCUC	22
A-miRNA#3427	>mmu-miR-450a-5p MIMAT0001546	UUUUGCGAUGUGUUCCUAAUUAU	22
A-miRNA#3428	>mmu-miR-450a-1-3p MIMAT0017182	AUUGGGAACAUUUUGCAUAAAU	22
A-miRNA#3429	>mmu-miR-451a MIMAT0001632	AAACCGUUACCAUUAUCUGAGUU	22
A-miRNA#3430	>mmu-miR-452-5p MIMAT0001637	UGUUUGCAGAGGAAACUGAGAC	22
A-miRNA#3431	>mmu-miR-452-3p MIMAT0017194	UCAGUCUCAUCUGCAAAGAGGU	22
A-miRNA#3432	>mmu-miR-463-5p MIMAT0002104	UACCUAAUUUGUUGUCCAUCAU	22
A-miRNA#3433	>mmu-miR-463-3p MIMAT0004758	UGAUAGACACCAUAUAAGGUAG	22
A-miRNA#3434	>mmu-miR-465a-5p MIMAT0002106	UAUUUAGAAUGGCACUGAUGUGA	23
A-miRNA#3435	>mmu-miR-465a-3p MIMAT0004217	GAUCAGGGCCUUUCUAAGUAGA	22
A-miRNA#3436	>mmu-miR-466a-5p MIMAT0004759	UAUGUGUGUGUACAUGUACAUA	22
A-miRNA#3437	>mmu-miR-466a-3p MIMAT0002107	UAUACAUAACGCACACAUAAGA	23
A-miRNA#3438	>mmu-miR-467a-5p MIMAT0003409	UAAGUGCCUGCAUGUAUAUGCG	22
A-miRNA#3439	>mmu-miR-467a-3p MIMAT0002108	CAUAUAACAUAACACACCCUACA	22
A-miRNA#3440	>mmu-miR-468-5p MIMAT0022699	GACUGAUGUACUGAUAAAGAAACUCAGU	27
A-miRNA#3441	>mmu-miR-468-3p MIMAT0002109	UAUGACUGAUGUGCGUGUGUCUG	23
A-miRNA#3442	>mmu-miR-470-5p MIMAT0002111	UUCUUGGACUGGCACUGGUGAGU	23
A-miRNA#3443	>mmu-miR-470-3p MIMAT0004760	AACCAGUACCUUUCUGAGAAGA	22
A-miRNA#3444	>mmu-miR-471-5p MIMAT0002112	UACGUAGUAUAGUGCUUUUCAC	22
A-miRNA#3445	>mmu-miR-471-3p MIMAT0017195	UGAAAGGUGCCAUACUAUGUAU	22
A-miRNA#3446	>mmu-miR-532-5p MIMAT0002889	CAUGCCUUGAGUGUAGGACCGU	22
A-miRNA#3447	>mmu-miR-532-3p MIMAT0004781	CCUCCCACACCCAAGGCUUGCA	22
A-miRNA#3448	>mmu-miR-489-5p MIMAT0022704	UGUCAUAUGUGUGAUGACACUUUCU	25
A-miRNA#3449	>mmu-miR-489-3p MIMAT0003112	AAUGACACCACAUAUAUGGCAGC	23
A-miRNA#3450	>mmu-miR-483-5p MIMAT0004782	AAGACGGGAGAAGAGAAGGGAG	22
A-miRNA#3451	>mmu-miR-483-3p MIMAT0003120	UCACUCCUCCCCUCCCGUCUU	21
A-miRNA#3452	>mmu-miR-484 MIMAT0003127	UCAGGCUCAGUCCCCUCCCGAU	22
A-miRNA#3453	>mmu-miR-485-5p MIMAT0003128	AGAGGCUGGCCGUGAUGAAUUC	22
A-miRNA#3454	>mmu-miR-485-3p MIMAT0003129	AGUCAUAACACGGCUCUCCUCUC	22
A-miRNA#3455	>mmu-miR-486-5p MIMAT0003130	UCCUGUACUGAGCUGCCCCGAG	22
A-miRNA#3456	>mmu-miR-486-3p MIMAT0017206	CGGGGCAGCUCAGUACAGGAU	21
A-miRNA#3457	>mmu-miR-546 MIMAT0003166	AUGGUGGCACGGAGUC	16
A-miRNA#3458	>mmu-miR-540-5p MIMAT0004786	CAAGGGUCACCCUCUGACUCUGU	23
A-miRNA#3459	>mmu-miR-540-3p MIMAT0003167	AGGUCAGAGGUCGAUCCUGG	20
A-miRNA#3460	>mmu-miR-543-5p MIMAT0017207	AAGUUGCCCGCGUGUUUUUCG	21
A-miRNA#3461	>mmu-miR-543-3p MIMAT0003168	AAACAUUCGCGGUGCACUUCUU	22
A-miRNA#3462	>mmu-miR-539-5p MIMAT0003169	GGAGAAAUUAUCCUUGGUGUGU	22
A-miRNA#3463	>mmu-miR-539-3p MIMAT0017208	CAUACAAGGAUAAUUUCUUUUU	22
A-miRNA#3464	>mmu-miR-541-5p MIMAT0003170	AAGGGAUUCUGAUGUUGGUCACACU	25

A-miRNA#3465	>mmu-miR-541-3p MIMAT0017209	UGGCGAACACAGAAUCCAUAUCU	22
A-miRNA#3466	>mmu-miR-542-5p MIMAT0003171	CUCGGGGAUCAUCAUGUCACGA	22
A-miRNA#3467	>mmu-miR-542-3p MIMAT0003172	UGUGACAGAUUGAUAAACUGAAA	22
A-miRNA#3468	>mmu-miR-547-5p MIMAT0017210	CACUUGAGGAUGUACCACCCA	21
A-miRNA#3469	>mmu-miR-547-3p MIMAT0003173	CUUGGUACAUCUUUGAGUGAG	21
A-miRNA#3470	>mmu-miR-367-5p MIMAT0017214	ACUGUUGCUAACAUGCAACUC	21
A-miRNA#3471	>mmu-miR-367-3p MIMAT0003181	AAUUGCACUUUAGCAAUGGUGA	22
A-miRNA#3472	>mmu-miR-494-5p MIMAT0017215	AGGUUGUCCGUGUUGUCUUCUC	22
A-miRNA#3473	>mmu-miR-494-3p MIMAT0003182	UGAAACAUAACACGGGAACCUC	22
A-miRNA#3474	>mmu-miR-376c-5p MIMAT0005295	GUGGAUUAUCCUUCUAUGUUUA	22
A-miRNA#3475	>mmu-miR-376c-3p MIMAT0003183	AACAUAGAGGAAAUUUCACGU	21
A-miRNA#3476	>mmu-miR-487b-5p MIMAT0017216	UGGUUAUCCUGUCCUCUUCG	21
A-miRNA#3477	>mmu-miR-487b-3p MIMAT0003184	AAUCGUACAGGGUCAUCCACUU	22
A-miRNA#3478	>mmu-miR-369-5p MIMAT0003185	AGAUCGACCGUGUUAUAUUCGC	22
A-miRNA#3479	>mmu-miR-369-3p MIMAT0003186	AAUAAUACAUGGUUGAUCUUU	21
A-miRNA#3480	>mmu-miR-20b-5p MIMAT0003187	CAAAGUGCUCAUAGUGCAGGUAG	23
A-miRNA#3481	>mmu-miR-20b-3p MIMAT0004788	ACUGCAGUGUGAGCACUUCUAG	22
A-miRNA#3482	>mmu-miR-450a-2-3p MIMAT0004789	AUUGGGGAUGCUUUGCAUUCAU	22
A-miRNA#3483	>mmu-miR-503-5p MIMAT0003188	UAGCAGCGGGAACAGUACUGCAG	23
A-miRNA#3484	>mmu-miR-503-3p MIMAT0004790	GAGUAUUGUUUCCACUGCCUGG	22
A-miRNA#3485	>mmu-miR-291b-5p MIMAT0003189	GAUCAAAAGUGGAGGCCUCUCC	22
A-miRNA#3486	>mmu-miR-291b-3p MIMAT0003190	AAAGUGCAUCCAUUUUGUUUGU	22
A-miRNA#3487	>mmu-miR-302b-5p MIMAT0003373	ACUUUAACAUGGGAAUGCUUUCU	23
A-miRNA#3488	>mmu-miR-302b-3p MIMAT0003374	UAAGUGCUUCCAUGUUUUAGUAG	23
A-miRNA#3489	>mmu-miR-302c-5p MIMAT0003375	GCUUUAAACAUGGGGUUACCUGC	22
A-miRNA#3490	>mmu-miR-302c-3p MIMAT0003376	AAGUGCUUCCAUGUUUCAGUGG	22
A-miRNA#3491	>mmu-miR-302d-5p MIMAT0017225	ACUUUAACAUGGAGGCACUUGCU	23
A-miRNA#3492	>mmu-miR-302d-3p MIMAT0003377	UAAGUGCUUCCAUGUUUGAGUGU	23
A-miRNA#3493	>mmu-miR-1224-5p MIMAT0005460	GUGAGGACUGGGGAGGUGGAG	21
A-miRNA#3494	>mmu-miR-1224-3p MIMAT0017231	CCCCACCUCUUCUCUCCUCAG	21
A-miRNA#3495	>mmu-miR-1247-5p MIMAT0014800	ACCCGUCCCGUUCGUCCCCGGA	22
A-miRNA#3496	>mmu-miR-1247-3p MIMAT0014801	CGGGAACGUCGAGACUGGAGC	21
A-miRNA#3497	>mmu-miR-301b-5p MIMAT0017232	GCUCUGACUAGGUUGCACUACU	22
A-miRNA#3498	>mmu-miR-301b-3p MIMAT0004186	CAGUGCAAUGGUUAUUGUCAAGC	23
A-miRNA#3499	>mmu-miR-675-5p MIMAT0003725	UGGUGCGGAAAGGGCCACAGU	22
A-miRNA#3500	>mmu-miR-675-3p MIMAT0003726	CUGUAUGCCCUAACCGCUCAGU	22
A-miRNA#3501	>mmu-miR-744-5p MIMAT0004187	UGCGGGGCUAGGGCUAACAGCA	22
A-miRNA#3502	>mmu-miR-744-3p MIMAT0004820	CUGUUGCCACUAACCUCAACCU	22
A-miRNA#3503	>mmu-miR-374b-5p MIMAT0003727	AUAUAAUACAACCUAGCUAAGUG	22
A-miRNA#3504	>mmu-miR-374b-3p MIMAT0003728	GGUUGUAUUAUCAUUGUCCGAG	22
A-miRNA#3505	>mmu-miR-216b-5p MIMAT0003729	AAAUUCUCUGCAGGCAAUGUGA	22
A-miRNA#3506	>mmu-miR-216b-3p MIMAT0017233	ACACUUACCUAGUAGAGAUUCUU	22
A-miRNA#3507	>mmu-miR-592-5p MIMAT0003730	AUUGUGUCAUAUGCGAUGAUGU	23
A-miRNA#3508	>mmu-miR-592-3p MIMAT0017234	UCAUCACGUGGUGACGCAACAU	22
A-miRNA#3509	>mmu-miR-758-5p MIMAT0017235	UGGUUGACCAGAGACACACG	21
A-miRNA#3510	>mmu-miR-758-3p MIMAT0003889	UUUGUGACCUGGUCCACUA	19
A-miRNA#3511	>mmu-miR-1264-5p MIMAT0014802	AGGUCCUCAUAAGUAUUUGUU	22

A-miRNA#3512	>mmu-miR-1264-3p MIMAT0014803	CAAUUCUUAUUUGAGCACCUGU	22
A-miRNA#3513	>mmu-miR-551b-5p MIMAT0017236	GAAAUCAAGCUUGGGUGAGACCU	23
A-miRNA#3514	>mmu-miR-551b-3p MIMAT0003890	GCGACCCAUACUUGGUUUCAG	21
A-miRNA#3515	>mmu-miR-1249-5p MIMAT0014804	AGGAGGGAGGGGAUGGGCCAAGUUC	25
A-miRNA#3516	>mmu-miR-1249-3p MIMAT0010560	ACGCCCUUCCCCCCUUCUUA	22
A-miRNA#3517	>mmu-miR-671-5p MIMAT0003731	AGGAAGCCUGGAGGGGCUUGAG	23
A-miRNA#3518	>mmu-miR-671-3p MIMAT0004821	UCCGGUUCUCAGGGCUCCACC	21
A-miRNA#3519	>mmu-miR-668-5p MIMAT0017237	GUAAGUGUGCCUCGGGUGAGCAUG	24
A-miRNA#3520	>mmu-miR-668-3p MIMAT0003732	UGUCACUCGGCUCGGCCACUACC	24
A-miRNA#3521	>mmu-miR-1843a-5p MIMAT0014805	UAUGGAGGUCUCUGUCUGACU	21
A-miRNA#3522	>mmu-miR-1843a-3p MIMAT0014806	UCUGAUCGUUACCCUCCAUA	22
A-miRNA#3523	>mmu-miR-665-5p MIMAT0017238	AGGGGCCUCUGCCCUAUCCAGGAUU	26
A-miRNA#3524	>mmu-miR-665-3p MIMAT0003733	ACCAGGAGGCUGAGGUCCCU	20
A-miRNA#3525	>mmu-miR-667-5p MIMAT0017239	CGUGCUGGUGGAGCAGUGAGCACG	25
A-miRNA#3526	>mmu-miR-667-3p MIMAT0003734	UGACACCUGCCACCCAGCCCAAG	23
A-miRNA#3527	>mmu-miR-770-5p MIMAT0004822	AGCACCACGUGUCUGGGCCACG	22
A-miRNA#3528	>mmu-miR-770-3p MIMAT0003891	CGUGGGCCUGACGUGGAGCUGG	22
A-miRNA#3529	>mmu-miR-762 MIMAT0003892	GGGGCUGGGGCCGGGACAGAGC	22
A-miRNA#3530	>mmu-miR-3475 MIMAT0015219	UCUGGAGGCACAUGGUUUGAA	21
A-miRNA#3531	>mmu-miR-344d-3-5p MIMAT0014807	AGUCAGGCUAGUGGUUAUACUCC	23
A-miRNA#3532	>mmu-miR-344d-3p MIMAT0014808	GAUAUAACCACUGCCAGACUGA	22
A-miRNA#3533	>mmu-miR-802-5p MIMAT0004188	UCAGUAACAAAGAUUCAUCCUU	22
A-miRNA#3534	>mmu-miR-802-3p MIMAT0017240	ACGGAGAGUCUUUGUCACUCAG	22
A-miRNA#3535	>mmu-miR-672-5p MIMAT0003735	UGAGGUUGGUGUACUGUGUGUGA	23
A-miRNA#3536	>mmu-miR-672-3p MIMAT0017241	ACACACAGUCACUAUCUUCGA	21
A-miRNA#3537	>mmu-miR-670-5p MIMAT0003736	AUCCUGAGUGUAUGUGGUGAA	22
A-miRNA#3538	>mmu-miR-670-3p MIMAT0017242	UUUCCUCAUAUCCAUUCAGGAGUGU	25
A-miRNA#3539	>mmu-miR-1298-5p MIMAT0014809	UUCAUUCGGCUGUCCAGAUGUA	22
A-miRNA#3540	>mmu-miR-1298-3p MIMAT0014810	CAUCUGGGCAACUGAUUGAACU	22
A-miRNA#3541	>mmu-miR-761 MIMAT0003893	GCAGCAGGGUGAAACUGACACA	22
A-miRNA#3542	>mmu-miR-764-5p MIMAT0003894	GGUGCUCACAUGUCCUCCU	19
A-miRNA#3543	>mmu-miR-764-3p MIMAT0003895	AGGAGGCCAUAGUGGCAACUGU	22
A-miRNA#3544	>mmu-miR-3059-5p MIMAT0014811	UUUCCUCUCUGCCCCAUAGGGU	22
A-miRNA#3545	>mmu-miR-3059-3p MIMAT0014812	CCUCUAGGGAAGAGAAGGUUGG	22
A-miRNA#3546	>mmu-miR-3058-5p MIMAT0014813	UCAGCCACGGCUUACCUGGAAGA	23
A-miRNA#3547	>mmu-miR-3058-3p MIMAT0014814	UUCCUGUCAGCCGUGGGUGCC	21
A-miRNA#3548	>mmu-miR-3099-5p MIMAT0014815	CCAGCUUCCUCCAGCCCUUG	21
A-miRNA#3549	>mmu-miR-3099-3p MIMAT0014816	UAGGCUAGAGAGAGGUUGGGGA	22
A-miRNA#3550	>mmu-miR-3106-5p MIMAT0014817	UGGCUCAUUUAGAAGCAGCCA	21
A-miRNA#3551	>mmu-miR-3106-3p MIMAT0014818	GCUGCCUAUACAUGGGCUUCC	22
A-miRNA#3552	>mmu-miR-763 MIMAT0003896	CCAGCUGGGAAGAACCAGUGGC	22
A-miRNA#3553	>mmu-miR-669a-5p MIMAT0003477	AGUUGUGUGUGCAUGUUAUGUCU	24
A-miRNA#3554	>mmu-miR-669a-3p MIMAT0017243	ACAUAACAUAACACACACGUUAU	23
A-miRNA#3555	>mmu-miR-344d-1-5p MIMAT0014819	AGUCAGGCUGCUGGCUAUACACCA	24
A-miRNA#3556	>mmu-miR-666-5p MIMAT0003737	AGCGGGCACAGCUGUGAGAGCC	22
A-miRNA#3557	>mmu-miR-666-3p MIMAT0004823	GGCUGCAGCGUGAUCGCCUGCU	22
A-miRNA#3558	>mmu-miR-759 MIMAT0003897	GCAGAGUGCAAACAAUUUUGAC	22

A-miRNA#3559	>mmu-miR-496a-5p MIMAT0017244	AGGUUGCCCAUGGUGUGUUA	21
A-miRNA#3560	>mmu-miR-496a-3p MIMAT0003738	UGAGUAUUACAUGGCCAAUCUC	22
A-miRNA#3561	>mmu-miR-673-5p MIMAT0003739	CUCACAGCUCUGGUCCUUGGAG	22
A-miRNA#3562	>mmu-miR-673-3p MIMAT0004824	UCCGGGGCUGAGUUCUGUGCACC	23
A-miRNA#3563	>mmu-miR-760-5p MIMAT0017245	CCCCUCAGGCCACCAGAGCCCGG	23
A-miRNA#3564	>mmu-miR-760-3p MIMAT0003898	CGGCUCUGGGUCUGUGGGGA	20
A-miRNA#3565	>mmu-miR-674-5p MIMAT0003740	GCACUGAGAUGGGAGUGGUGUA	22
A-miRNA#3566	>mmu-miR-674-3p MIMAT0003741	CACAGCUCCCAUCUCAGAACAA	22
A-miRNA#3567	>mmu-miR-344d-2-5p MIMAT0014961	AGUCUGGUUGCUGGCUAUUUCCA	24
A-miRNA#3568	>mmu-miR-488-5p MIMAT0003449	CCCAGAUAAUAGCACUCUCAA	21
A-miRNA#3569	>mmu-miR-488-3p MIMAT0003450	UUGAAAGGCUGUUUCUUGGUC	21
A-miRNA#3570	>mmu-miR-677-5p MIMAT0003451	UUCAGUGAUGAUUAGCUUCUGA	22
A-miRNA#3571	>mmu-miR-677-3p MIMAT0017246	GAAGCCAGAUGCCGUUCCUGAGAAGG	26
A-miRNA#3572	>mmu-miR-678 MIMAT0003452	GUCUCGGUGCAAGGACUGGAGG	22
A-miRNA#3573	>mmu-miR-497-5p MIMAT0003453	CAGCAGCACACUGUGGUUUUGUA	22
A-miRNA#3574	>mmu-miR-497-3p MIMAT0017247	CAAACCACACUGUGGUGUUAG	21
A-miRNA#3575	>mmu-miR-423-5p MIMAT0004825	UGAGGGGCAGAGAGCGAGACUUU	23
A-miRNA#3576	>mmu-miR-423-3p MIMAT0003454	AGCUCGGUCUGAGGCCCCUCAGU	23
A-miRNA#3577	>mmu-miR-679-5p MIMAT0003455	GGACUGUGAGGUGACUCUUGGU	22
A-miRNA#3578	>mmu-miR-679-3p MIMAT0017248	AGCAAGGUCCUCCUCACAGUAG	22
A-miRNA#3579	>mmu-miR-495-5p MIMAT0017249	GAAGUUGCCCAUGUUUUUUUCG	23
A-miRNA#3580	>mmu-miR-495-3p MIMAT0003456	AAACAAACAUGGUGCACUUCUU	22
A-miRNA#3581	>mmu-miR-680 MIMAT0003457	GGGCAUCUGCUGACAUGGGGG	21
A-miRNA#3582	>mmu-miR-681 MIMAT0003458	CAGCCUCGCUGGCAGGCAGCU	21
A-miRNA#3583	>mmu-miR-682 MIMAT0003459	CUGCAGUCACAGUGAAGUCUG	21
A-miRNA#3584	>mmu-miR-449c-5p MIMAT0003460	AGGCAGUGCAUUGCUAGCUGG	21
A-miRNA#3585	>mmu-miR-449c-3p MIMAT0022715	CAGUUGCUAGCUGCACUACCCU	22
A-miRNA#3586	>mmu-miR-683 MIMAT0003461	CCUGCUGUAAGCUGUGUCCUC	21
A-miRNA#3587	>mmu-miR-684 MIMAT0003462	AGUUUUCCCUUCAAGUCAA	19
A-miRNA#3588	>mmu-miR-686 MIMAT0003464	AUUGCUUCCAGACGGUGAAGA	22
A-miRNA#3589	>mmu-miR-719 MIMAT0003465	AUCUCGGCUACAGAAAAUGUU	22
A-miRNA#3590	>mmu-miR-687 MIMAT0003466	CUAUCCUGGAAUGCAGCAAUGA	22
A-miRNA#3591	>mmu-miR-688 MIMAT0003467	UCGCAGGCGACUACUUAUUC	20
A-miRNA#3592	>mmu-miR-690 MIMAT0003469	AAAGGCUAGGCUCACAACCAAA	22
A-miRNA#3593	>mmu-miR-691 MIMAT0003470	AUUCCUGAAGAGAGGCAGAAAA	22
A-miRNA#3594	>mmu-miR-692 MIMAT0003471	AUCUCUUUGAGCGCCUCACUC	21
A-miRNA#3595	>mmu-miR-693-5p MIMAT0003472	CAGCCACAUCCGAAAGUUUUC	21
A-miRNA#3596	>mmu-miR-693-3p MIMAT0004189	GCAGCUUUCAGAUGUGGCUGUAA	23
A-miRNA#3597	>mmu-miR-694 MIMAT0003474	CUGAAAAUGUUGCCUGAAG	19
A-miRNA#3598	>mmu-miR-146b-5p MIMAT0003475	UGAGAACUGAAUCCAAGGCU	22
A-miRNA#3599	>mmu-miR-146b-3p MIMAT0004826	GCCCUAGGGACUCAGUUCUGGU	22
A-miRNA#3600	>mmu-miR-669b-5p MIMAT0003476	AGUUUUGUGUGCAUGUGCAUGU	22
A-miRNA#3601	>mmu-miR-669b-3p MIMAT0017250	CAUAUACAUAACACACAACAUAU	23
A-miRNA#3602	>mmu-miR-669a-3-3p MIMAT0017251	ACAUAACAUAACACACAUGUAU	23
A-miRNA#3603	>mmu-miR-467b-5p MIMAT0005448	GUAAGUGCCUGCAUGUAUAUG	21
A-miRNA#3604	>mmu-miR-467b-3p MIMAT0003478	AUAUAACAUAACACACCAACAC	22
A-miRNA#3605	>mmu-miR-669c-5p MIMAT0003479	AUAGUUGUGUGUGGAUGUGUGU	22

A-miRNA#3606	>mmu-miR-669c-3p MIMAT0017253	UACACACACACACAAGUAAA	22
A-miRNA#3607	>mmu-miR-297b-5p MIMAT0003480	AUGUAUGUGUGCAUGAACAUUGU	22
A-miRNA#3608	>mmu-miR-297b-3p MIMAT0004827	UAUACAUACACACAUACCCAUUA	22
A-miRNA#3609	>mmu-miR-695 MIMAT0003481	AGAUUGGGCAUAGGUGACUGAA	22
A-miRNA#3610	>mmu-miR-499-5p MIMAT0003482	UUAAGACUUGCAGUGAUGUUU	21
A-miRNA#3611	>mmu-miR-499-3p MIMAT0017254	GAACAUCACAGCAAGUCUGUGCU	23
A-miRNA#3612	>mmu-miR-696 MIMAT0003483	GCGUGUGCUUGCUGUGGG	18
A-miRNA#3613	>mmu-miR-455-5p MIMAT0003485	UAUGUGCCUUUGGACUACAUCG	22
A-miRNA#3614	>mmu-miR-455-3p MIMAT0003742	GCAGUCCACGGGCAUAUACAC	21
A-miRNA#3615	>mmu-miR-491-5p MIMAT0003486	AGUGGGGAACCCUCCAUGAGG	22
A-miRNA#3616	>mmu-miR-491-3p MIMAT0017255	CUUAUGCAAGAUUCCCUUCUAC	22
A-miRNA#3617	>mmu-miR-697 MIMAT0003487	AACAUCUGGUCCUGUGGAGA	21
A-miRNA#3618	>mmu-miR-698-5p MIMAT0022930	UGUGGGUGGGACAGGGAUGUU	21
A-miRNA#3619	>mmu-miR-698-3p MIMAT0003488	CAUUCUCGUUCCUUCUU	19
A-miRNA#3620	>mmu-miR-700-5p MIMAT0017256	UAAGGCUCCUCCUGUGCUUGC	22
A-miRNA#3621	>mmu-miR-700-3p MIMAT0003490	CACGCGGGAACCGAGUCCACC	21
A-miRNA#3622	>mmu-miR-701-5p MIMAT0003491	UUAGCCGUGAAUAGAUGGA	21
A-miRNA#3623	>mmu-miR-701-3p MIMAT0017257	UAUCUAUUAAGAGGCUAGC	20
A-miRNA#3624	>mmu-miR-702-5p MIMAT0022931	GUGAGUGGGGUGGUUGGCAUG	21
A-miRNA#3625	>mmu-miR-702-3p MIMAT0003492	UGCCACCCUUUACCCGCUCC	22
A-miRNA#3626	>mmu-miR-703 MIMAT0003493	AAAACCUUCAGAAGGAAAGAA	21
A-miRNA#3627	>mmu-miR-704 MIMAT0003494	AGACAUGUGCUCUGCUCCUAG	21
A-miRNA#3628	>mmu-miR-705 MIMAT0003495	GGUGGGAGGUGGGGUGGGCA	20
A-miRNA#3629	>mmu-miR-706 MIMAT0003496	AGAGAAACCCUGUCUAAAAAA	22
A-miRNA#3630	>mmu-miR-707 MIMAT0003497	CAGUCAUGCCGCUUGCCUACG	21
A-miRNA#3631	>mmu-miR-708-5p MIMAT0004828	AAGGAGCUUACAAUCUAGCUGGG	23
A-miRNA#3632	>mmu-miR-708-3p MIMAT0003498	CAACUAGACUGUGAGCUUCUAG	22
A-miRNA#3633	>mmu-miR-709 MIMAT0003499	GGAGGCAGAGGCAGGAGGA	19
A-miRNA#3634	>mmu-miR-710 MIMAT0003500	CCAAGUCUUGGGGAGAGUUGAG	22
A-miRNA#3635	>mmu-miR-711 MIMAT0003501	GGGACCCGGGGAGAGAUGUAAG	22
A-miRNA#3636	>mmu-miR-712-5p MIMAT0003502	CUCCUUCACCCGGGCGGUACC	21
A-miRNA#3637	>mmu-miR-712-3p MIMAT0003743	UGCGAGUCACCCCGGGUGUUG	22
A-miRNA#3638	>mmu-miR-713 MIMAT0003504	UGCACUGAAGGCACACAGC	19
A-miRNA#3639	>mmu-miR-714 MIMAT0003505	CGACGAGGGCCGGUCGGUCGC	21
A-miRNA#3640	>mmu-miR-500-5p MIMAT0017258	AAUCCUUGCUAUCUGGGUGCUUAGU	25
A-miRNA#3641	>mmu-miR-500-3p MIMAT0003507	AAUGCACCUUGGGCAAGGGUUCA	22
A-miRNA#3642	>mmu-miR-501-5p MIMAT0003508	AAUCCUUUGUCCUGGGUGAAA	22
A-miRNA#3643	>mmu-miR-501-3p MIMAT0003509	AAUGCACCCGGGCAAGGAUUUG	22
A-miRNA#3644	>mmu-miR-717 MIMAT0003510	CUCAGACAGAGAUACCUUCUCU	22
A-miRNA#3645	>mmu-miR-450b-5p MIMAT0003511	UUUUGCAGUAUGUUCUGAAUA	22
A-miRNA#3646	>mmu-miR-450b-3p MIMAT0003512	AUUGGGAACAUUUUGCAUGCAU	22
A-miRNA#3647	>mmu-miR-505-5p MIMAT0017259	GGGAGCCAGGAAGUAUUGAUGUU	23
A-miRNA#3648	>mmu-miR-505-3p MIMAT0003513	CGUCAACACUUGCUGGUUUUCU	22
A-miRNA#3649	>mmu-miR-718 MIMAT0003514	CUUCCGCCCCGGCCGGGUGUCG	21
A-miRNA#3650	>mmu-miR-721 MIMAT0003515	CAGUGCAAUAAAAGGGGGAA	21
A-miRNA#3651	>mmu-miR-652-5p MIMAT0017260	CAACCCUAGGAGGGGGUGCCAUUC	24
A-miRNA#3652	>mmu-miR-652-3p MIMAT0003711	AAUGGCGCCACUAGGGUUGUG	21

A-miRNA#3653	>mmu-miR-490-5p MIMAT0017261	CCAUGGAUCUCCAGGUGGGU	20
A-miRNA#3654	>mmu-miR-490-3p MIMAT0003780	CAACCUGGAGGACUCCAUGCUG	22
A-miRNA#3655	>mmu-miR-676-5p MIMAT0003781	ACUCUACAACCUUAGGACUUGC	22
A-miRNA#3656	>mmu-miR-676-3p MIMAT0003782	CCGUCCUGAGGUUGUUGAGCU	21
A-miRNA#3657	>mmu-miR-615-5p MIMAT0004837	GGGGGUCCCCGGUGCUCGGAUC	22
A-miRNA#3658	>mmu-miR-615-3p MIMAT0003783	UCCGAGCCUGGGUCUCCUCUU	22
A-miRNA#3659	>mmu-miR-804 MIMAT0004210	UGUGAGUUGUCCUCACCUGGA	22
A-miRNA#3660	>mmu-miR-741-5p MIMAT0017262	UACGUAGAUUGGUACCUAUCAUG	23
A-miRNA#3661	>mmu-miR-741-3p MIMAT0004236	UGAGAGAUGCCAUUCUAUGUAGA	23
A-miRNA#3662	>mmu-miR-742-5p MIMAT0004838	UACUCACAUGGUUGCUAUUA	21
A-miRNA#3663	>mmu-miR-742-3p MIMAT0004237	GAAAGCCACCAUGCUGGGUAAA	22
A-miRNA#3664	>mmu-miR-743a-5p MIMAT0017263	UAUUCAGAUUGGUGCCUGUCAU	22
A-miRNA#3665	>mmu-miR-743a-3p MIMAT0004238	GAAAGACACCAAGCUGAGUAGA	22
A-miRNA#3666	>mmu-miR-181d-5p MIMAT0004324	AACAUUCAUUGUUGUCGGUGGGU	23
A-miRNA#3667	>mmu-miR-181d-3p MIMAT0017264	CCCACCGGGGAUGAAUGUCA	21
A-miRNA#3668	>mmu-miR-743b-5p MIMAT0004839	UGUUCAGACUGGUGUCCAUA	21
A-miRNA#3669	>mmu-miR-743b-3p MIMAT0004840	GAAAGACAUAUGCUGAAUAGA	22
A-miRNA#3670	>mmu-miR-871-5p MIMAT0004841	UAUUCAGAUUAGUGCCAGUCAUG	23
A-miRNA#3671	>mmu-miR-871-3p MIMAT0017265	UGACUGGCACCAUUCUGGAUAAU	23
A-miRNA#3672	>mmu-miR-879-5p MIMAT0004842	AGAGGCUUUAUAGCUCUAAGCC	21
A-miRNA#3673	>mmu-miR-879-3p MIMAT0004843	GCUUAUGGCUUCAAGCUUUCGG	22
A-miRNA#3674	>mmu-miR-880-5p MIMAT0017266	UACUCAGAUUGAUUGAGUCA	21
A-miRNA#3675	>mmu-miR-880-3p MIMAT0004844	UACUCCAUCCUCUCUGAGUAGA	22
A-miRNA#3676	>mmu-miR-881-5p MIMAT0004845	CAGAGAGAUAAACAGUCACAUCU	22
A-miRNA#3677	>mmu-miR-881-3p MIMAT0004846	AACUGUGUCUUUUCUGAAUAGA	22
A-miRNA#3678	>mmu-miR-882 MIMAT0004847	AGGAGAGAGUUAGCGCAUUAGU	22
A-miRNA#3679	>mmu-miR-883a-5p MIMAT0004848	UGCUGAGAGAAGUAGCAGUUAC	22
A-miRNA#3680	>mmu-miR-883a-3p MIMAT0004849	UAACUGCAACAGCUCUCAGUAU	22
A-miRNA#3681	>mmu-miR-883b-5p MIMAT0004850	UACUGAGAAUGGGUAGCAGUCA	22
A-miRNA#3682	>mmu-miR-883b-3p MIMAT0004851	UAACUGCAACAUCUCUCAGUAU	22
A-miRNA#3683	>mmu-miR-190b-5p MIMAT0004852	UGAU AUGUUUGAU AUUGGGUU	21
A-miRNA#3684	>mmu-miR-190b-3p MIMAT0017267	ACUGAAUGUCAAGCAUACUCUCA	23
A-miRNA#3685	>mmu-miR-874-5p MIMAT0017268	CGGCCCCACGCACCAGGGUAAG	22
A-miRNA#3686	>mmu-miR-874-3p MIMAT0004853	CUGCCCUGGCCCCGAGGGACCGA	22
A-miRNA#3687	>mmu-miR-876-5p MIMAT0004854	UGGAUUUCUCUGUGAAUCACUA	22
A-miRNA#3688	>mmu-miR-876-3p MIMAT0004855	UAGUGGUUUACAAAGUAAUUA	22
A-miRNA#3689	>mmu-miR-105 MIMAT0004856	CCAAGUGCUCAGAUGCUGUGGU	23
A-miRNA#3690	>mmu-miR-147-5p MIMAT0017269	UGGAAACAUUUCUGCACAAACUAG	24
A-miRNA#3691	>mmu-miR-147-3p MIMAT0004857	GUGUGCGGAAAUGCUUCUGCUA	22
A-miRNA#3692	>mmu-miR-18b-5p MIMAT0004858	UAAGGUGCAUCUAGUGCUGUUAG	23
A-miRNA#3693	>mmu-miR-18b-3p MIMAT0017270	UACUGCCCUAAAUGCCCCUUCU	22
A-miRNA#3694	>mmu-miR-193b-5p MIMAT0017271	CGGGGUUUUGAGGGCGAGAUGA	22
A-miRNA#3695	>mmu-miR-193b-3p MIMAT0004859	AACUGGCCCACAAAGUCCCCGU	22
A-miRNA#3696	>mmu-miR-297a-3p MIMAT0004864	UAUACAUACACACAUACCCAUA	22
A-miRNA#3697	>mmu-miR-297c-5p MIMAT0004865	AUGUAUGUGUGCAUGUACAUGU	22
A-miRNA#3698	>mmu-miR-297c-3p MIMAT0004866	UAUACAUACACACAUACCCAUA	22
A-miRNA#3699	>mmu-miR-327 MIMAT0004867	ACUUGAGGGGCAUGAGGAU	19

A-miRNA#3700	>mmu-miR-343 MIMAT0004868	UCUCCCUUCAUGUGCCCAGA	20
A-miRNA#3701	>mmu-miR-421-5p MIMAT0017273	CUCAUUAUUUGUUUGUUGAAU	21
A-miRNA#3702	>mmu-miR-421-3p MIMAT0004869	AUCAACAGACAUUAAUUGGGCGC	23
A-miRNA#3703	>mmu-miR-453 MIMAT0004870	AGGUUGCCUCAUAGUGAGCUUGCA	24
A-miRNA#3704	>mmu-miR-465b-5p MIMAT0004871	UAUUUAGAAUGGUGCUGAUCUG	22
A-miRNA#3705	>mmu-miR-465b-3p MIMAT0004872	GAUCAGGGCCUUUCUAAGUAGA	22
A-miRNA#3706	>mmu-miR-465c-5p MIMAT0004873	UAUUUAGAAUGGCGCUGAUCUG	22
A-miRNA#3707	>mmu-miR-465c-3p MIMAT0004874	GAUCAGGGCCUUUCUAAGUAGA	22
A-miRNA#3708	>mmu-miR-466b-5p MIMAT0004875	UGAUGUGUGUGUACAUGUACAU	22
A-miRNA#3709	>mmu-miR-466b-3p MIMAT0004876	AUACAUACACGCACACAUAAGA	22
A-miRNA#3710	>mmu-miR-466c-5p MIMAT0004877	UGAUGUGUGUGUGCAUGUACAUAU	24
A-miRNA#3711	>mmu-miR-466c-3p MIMAT0004878	AUACAUACACGCACACAUAAGA	22
A-miRNA#3712	>mmu-miR-466e-5p MIMAT0004879	GAUGUGUGUGUACAUGUACAUA	22
A-miRNA#3713	>mmu-miR-466e-3p MIMAT0004880	UAUACAUACACGCACACAUAAGA	23
A-miRNA#3714	>mmu-miR-466f-5p MIMAT0004881	UACGUGUGUGUGCAUGUGCAUG	22
A-miRNA#3715	>mmu-miR-466f-3p MIMAT0004882	CAUACACACACACAUAACACAC	21
A-miRNA#3716	>mmu-miR-466g MIMAT0004883	AUACAGACACAUGCACACACA	21
A-miRNA#3717	>mmu-miR-466h-5p MIMAT0004884	UGUGUGCAUGUGCUUGUGUGUA	22
A-miRNA#3718	>mmu-miR-466h-3p MIMAT0017274	UACGCACGCACACACACAC	19
A-miRNA#3719	>mmu-miR-467c-5p MIMAT0004885	UAAGUGCGUGCAUGUAUAUGUG	22
A-miRNA#3720	>mmu-miR-467c-3p MIMAT0017275	AUAUACAUAACACACACCUAUAC	22
A-miRNA#3721	>mmu-miR-467d-5p MIMAT0004886	UAAGUGCGCGCAUGUAUAUGCG	22
A-miRNA#3722	>mmu-miR-467d-3p MIMAT0004887	AUAUACAUAACACACACCUACAC	22
A-miRNA#3723	>mmu-miR-493-5p MIMAT0017276	UUGUACAUGGUAGGCUUUC	19
A-miRNA#3724	>mmu-miR-493-3p MIMAT0004888	UGAAGGUCCUACUGUGUGCCAGG	23
A-miRNA#3725	>mmu-miR-504-5p MIMAT0004889	AGACCCUGGUCUGCACUCUAUC	22
A-miRNA#3726	>mmu-miR-504-3p MIMAT0017277	AGGGAGAGCAGGGCAGGGUUUC	22
A-miRNA#3727	>mmu-miR-509-5p MIMAT0004890	UACUCCAGAAUGUGGCAAUCAU	22
A-miRNA#3728	>mmu-miR-509-3p MIMAT0004891	UGAUUGACAUUUCUGUAAUGG	21
A-miRNA#3729	>mmu-miR-568 MIMAT0004892	AUGUAUAAUUGUAUACACAC	20
A-miRNA#3730	>mmu-miR-574-5p MIMAT0004893	UGAGUGUGUGUGUGUGAGUGUGU	23
A-miRNA#3731	>mmu-miR-574-3p MIMAT0004894	CACGCUCAUGCACACACCCACA	22
A-miRNA#3732	>mmu-miR-590-5p MIMAT0004895	GAGCUUAUUCAUAAAAGUGCAG	22
A-miRNA#3733	>mmu-miR-590-3p MIMAT0004896	UAAUUUUUAUGUAUAAGCUAGU	21
A-miRNA#3734	>mmu-miR-654-5p MIMAT0004897	UGGUAAGCUGCAGAACAUUGUGU	22
A-miRNA#3735	>mmu-miR-654-3p MIMAT0004898	UAUGUCUGCUGACCAUACCUU	22
A-miRNA#3736	>mmu-miR-92b-5p MIMAT0017278	AGGGACGGGACGUGGUGCAGUGUU	24
A-miRNA#3737	>mmu-miR-92b-3p MIMAT0004899	UAUUGCACUCGUCCCGGCCUCC	22
A-miRNA#3738	>mmu-miR-466d-5p MIMAT0004930	UGUGUGUGCGUACAUGUACAUG	22
A-miRNA#3739	>mmu-miR-466d-3p MIMAT0004931	UAUACAUAACACGCACACAUAAG	21
A-miRNA#3740	>mmu-miR-449b MIMAT0005447	AGGCAGUGUUGUUAAGCUGGC	20
A-miRNA#3741	>mmu-miR-878-5p MIMAT0004932	UAUCUAGUUGGAUGUCAAGACA	22
A-miRNA#3742	>mmu-miR-878-3p MIMAT0004933	GCAUGACACCACACUGGGUAGA	22
A-miRNA#3743	>mmu-miR-872-5p MIMAT0004934	AAGGUUACUUGUUAAGUUCAGG	21
A-miRNA#3744	>mmu-miR-872-3p MIMAT0004935	UGAACUAUUGCAGUAGCCUCCU	22
A-miRNA#3745	>mmu-miR-873a-5p MIMAT0004936	GCAGGAACUUGUGAGUCUCCU	21
A-miRNA#3746	>mmu-miR-873a-3p MIMAT0017279	GAGACUGACAAGUUCCCGGGA	21

A-miRNA#3747	>mmu-miR-875-5p MIMAT0004937	UAUACCUCAGUUUUUAUCAGGUG	22
A-miRNA#3748	>mmu-miR-875-3p MIMAT0004938	CCUGAAAAUACUGAGGCUAUG	21
A-miRNA#3749	>mmu-miR-208b-5p MIMAT0017280	AAGCUUUUUGCUCGCGUUAUGU	22
A-miRNA#3750	>mmu-miR-208b-3p MIMAT0004939	AUAAGACGAACAAAAGGUUUGU	22
A-miRNA#3751	>mmu-miR-877-5p MIMAT0004861	GUAGAGGAGAUGGCGCAGGG	20
A-miRNA#3752	>mmu-miR-877-3p MIMAT0004862	UGUCCUCUUCUCCCUCCUCCA	22
A-miRNA#3753	>mmu-miR-511-5p MIMAT0004940	AUGCCUUUUGCUCUGCACUCA	21
A-miRNA#3754	>mmu-miR-511-3p MIMAT0017281	AAUGUGUAGCAAAAGACAGGAU	22
A-miRNA#3755	>mmu-miR-544-5p MIMAT0017282	UCUUGUUAAAAAGCAGAGUCU	21
A-miRNA#3756	>mmu-miR-544-3p MIMAT0004941	AUUCUGCAUUUUUAGCAAGCUC	22
A-miRNA#3757	>mmu-miR-598-5p MIMAT0017283	GCGGUGAUGCCGAUGGUGCGAGC	23
A-miRNA#3758	>mmu-miR-598-3p MIMAT0004942	UACGUCAUCGUCGUCAUCGUUA	22
A-miRNA#3759	>mmu-miR-653-5p MIMAT0004943	GUGUUGAAACAUCUCUACUG	21
A-miRNA#3760	>mmu-miR-653-3p MIMAT0017284	UUCACUGGAGUUUGUUUCAGU	21
A-miRNA#3761	>mmu-miR-582-5p MIMAT0005291	AUACAGUUGUUCAACCAGUUAC	22
A-miRNA#3762	>mmu-miR-582-3p MIMAT0005292	UAACCGUUGAACAACUGAAC	21
A-miRNA#3763	>mmu-miR-467e-5p MIMAT0005293	AUAAGUGUGAGCAUGUAUAUGU	22
A-miRNA#3764	>mmu-miR-467e-3p MIMAT0005294	AUAUACAUAACACACACCUAUAU	22
A-miRNA#3765	>mmu-miR-466l-5p MIMAT0017322	UUGUGUGUACAUGUACAUGUAU	22
A-miRNA#3766	>mmu-miR-466l-3p MIMAT0005830	UAUAAAUACAUGCACACAUUU	22
A-miRNA#3767	>mmu-miR-669k-5p MIMAT0017323	UGUGCAUGUGUGUAUAGUUGUGUC	25
A-miRNA#3768	>mmu-miR-669k-3p MIMAT0005831	UAUGCAUAUACACGCAUGCAA	21
A-miRNA#3769	>mmu-miR-669g MIMAT0005832	UGCAUUGUAUGUGUUGACAUGAU	23
A-miRNA#3770	>mmu-miR-669d-5p MIMAT0005833	ACUUGUGUGUGCAUGUAUAUGU	22
A-miRNA#3771	>mmu-miR-669d-3p MIMAT0017324	UAUACAUAACACCCCAUUAAC	21
A-miRNA#3772	>mmu-miR-466i-5p MIMAT0017325	UGUGUGUGUGUGUGUGUGUGUG	20
A-miRNA#3773	>mmu-miR-466i-3p MIMAT0005834	AUACACACACACAUACACACUA	22
A-miRNA#3774	>mmu-miR-1b-5p MIMAT0005835	UACAUAUCUUCUUUACAUCCA	21
A-miRNA#3775	>mmu-miR-1b-3p MIMAT0017326	UGGGUACAUAAGAAGUAUGUGC	23
A-miRNA#3776	>mmu-miR-1186a MIMAT0005836	GAGUGCUGGAUUUAAAGGCAUG	22
A-miRNA#3777	>mmu-miR-1187 MIMAT0005837	UAUGUGUGUGUGUAUGUGUGUAA	23
A-miRNA#3778	>mmu-miR-669j MIMAT0005838	UGCAUAUACUCACAUGCAAACA	22
A-miRNA#3779	>mmu-miR-669f-5p MIMAT0017327	AGUUGUGUGUGCAUGUGCAUGUGU	24
A-miRNA#3780	>mmu-miR-669f-3p MIMAT0005839	CAUAUAUAUACACACACAGUAU	23
A-miRNA#3781	>mmu-miR-669i MIMAT0005840	UGCAUAUACACACAUGCAUAC	21
A-miRNA#3782	>mmu-miR-669h-5p MIMAT0005841	AUGCAUGGGUGUAUAGUUGAGUGC	24
A-miRNA#3783	>mmu-miR-669h-3p MIMAT0005842	UAUGCAUAUACACACAUGCACA	22
A-miRNA#3784	>mmu-miR-1188-5p MIMAT0005843	UGGUGUGAGGUUGGGCCAGGA	21
A-miRNA#3785	>mmu-miR-1188-3p MIMAT0017328	UCCGAGGCUCCCCACCACCCUGC	25
A-miRNA#3786	>mmu-miR-466f MIMAT0005844	ACGUGUGUGUGCAUGUGCAUGU	22
A-miRNA#3787	>mmu-miR-466k MIMAT0005845	UGUGUGUGUACAUGUACAUGUGA	23
A-miRNA#3788	>mmu-miR-467f MIMAT0005846	AUAUACACACACACACCUACA	21
A-miRNA#3789	>mmu-miR-1190 MIMAT0005847	UCAGCUGAGGUUCCCCUCUGUC	22
A-miRNA#3790	>mmu-miR-466j MIMAT0005848	UGUGUGCAUGUGCAUGUGUGUAA	23
A-miRNA#3791	>mmu-miR-1191 MIMAT0005849	CAGUCUUACUAUGUAGCCCUA	21
A-miRNA#3792	>mmu-miR-1192 MIMAT0005850	AAACAAACAAACAGACCAAAUU	22
A-miRNA#3793	>mmu-miR-1193-5p MIMAT0017329	UGGUAGACCGGUGACGUACA	20

A-miRNA#3794	>mmu-miR-1193-3p MIMAT0005851	UAGGUCACCCGUUUUACUAUC	21
A-miRNA#3795	>mmu-miR-1194 MIMAT0005852	GAAUGAGUAAACUGCUAGAUCU	22
A-miRNA#3796	>mmu-miR-669e-5p MIMAT0005853	UGUCUUGUGUGUGCAUGUUAU	22
A-miRNA#3797	>mmu-miR-669e-3p MIMAT0017330	UGAAUAUACACACACUACAC	21
A-miRNA#3798	>mmu-miR-467g MIMAT0005854	UAUACAUAACACACAUUAU	21
A-miRNA#3799	>mmu-miR-467h MIMAT0005855	AUAAGUGUGUGCAUGUAUAUGU	22
A-miRNA#3800	>mmu-miR-1195 MIMAT0005856	UGAGUUCGAGGCCAGCCUGCUCA	23
A-miRNA#3801	>mmu-miR-1196-5p MIMAT0005857	AAAUUCUACCUGCCUCUGCCU	20
A-miRNA#3802	>mmu-miR-1196-3p MIMAT0022718	GGUGAGGGUGGUUUUUU	17
A-miRNA#3803	>mmu-miR-1197-5p MIMAT0017331	CGGUUGACCAUGGUGUGUACG	21
A-miRNA#3804	>mmu-miR-1197-3p MIMAT0005858	UAGGACACAUGGUCUACUUCU	21
A-miRNA#3805	>mmu-miR-1198-5p MIMAT0005859	UAUGUGUUCUGGCGUGGUUGG	22
A-miRNA#3806	>mmu-miR-1198-3p MIMAT0017332	AAGCUAGCCUCUAACUCAUGGC	22
A-miRNA#3807	>mmu-miR-1199-5p MIMAT0005860	UCUGAGUCCCGGUCGCGCGG	20
A-miRNA#3808	>mmu-miR-1199-3p MIMAT0017333	UGC GCGCCGGUGCUCAGUCGGC	21
A-miRNA#3809	>mmu-miR-1902 MIMAT0007863	AGAGGUGCAGUAGGCAUGACUU	22
A-miRNA#3810	>mmu-miR-1897-5p MIMAT0007864	CUUUGGAUGGAGAAAGAGGGGG	22
A-miRNA#3811	>mmu-miR-1897-3p MIMAT0007865	UCAACUCGUUCUGUCCGGUGAG	22
A-miRNA#3812	>mmu-miR-1905 MIMAT0007866	CACCAGUCCCACCACGCGGUAG	22
A-miRNA#3813	>mmu-miR-1895 MIMAT0007867	CCCCCGAGGAGGACGAGGAGGA	22
A-miRNA#3814	>mmu-miR-1903 MIMAT0007868	CCUUCUUCUUCUUCUGAGACA	22
A-miRNA#3815	>mmu-miR-1899 MIMAT0007869	AGCGAUGGCCGAAUCUGCUUCC	22
A-miRNA#3816	>mmu-miR-1900 MIMAT0007870	GGCCGCCUCUCUGGUCCUUCA	22
A-miRNA#3817	>mmu-miR-1892 MIMAT0007871	AUUUGGGGACGGGAGGGAGGAU	22
A-miRNA#3818	>mmu-miR-1906 MIMAT0007872	UGCAGCAGCCUGAGGCAGGGCU	22
A-miRNA#3819	>mmu-miR-1896 MIMAT0007873	CUCUCUGAUGGUGGGUGAGGAG	22
A-miRNA#3820	>mmu-miR-1904 MIMAT0007874	GUUCUGCUCCUCUGGAGGGAGG	22
A-miRNA#3821	>mmu-miR-1898 MIMAT0007875	AGGUCAAGGUUCACAGGGGAUC	22
A-miRNA#3822	>mmu-miR-1907 MIMAT0007876	GAGCAGCAGAGGAUCUGGAGGU	22
A-miRNA#3823	>mmu-miR-1894-5p MIMAT0007877	CUCUCCCCUACCACCUGCCUCU	22
A-miRNA#3824	>mmu-miR-1894-3p MIMAT0007878	GCAAGGGAGAGGGUGAAGGGAG	22
A-miRNA#3825	>mmu-miR-1893 MIMAT0007879	GGCGCGGGCGCUGGACGCCUCG	22
A-miRNA#3826	>mmu-miR-1901 MIMAT0007880	CCGCUCGUACUCCGGGGGUCC	22
A-miRNA#3827	>mmu-miR-1927 MIMAT0009390	GACCUCUGGAUGUUAGGGACUGA	23
A-miRNA#3828	>mmu-miR-1928 MIMAT0009391	AGCUACAUUGCCAGCUC	17
A-miRNA#3829	>mmu-miR-1929-5p MIMAT0009392	UUCUAGGACUUUAUAGAGCAGAG	23
A-miRNA#3830	>mmu-miR-1929-3p MIMAT0022729	CAGCUCAUGGAGACCUAGGUGG	22
A-miRNA#3831	>mmu-miR-1930-5p MIMAT0009393	ACCUCCAUAGUACCUGCAGCGU	22
A-miRNA#3832	>mmu-miR-1930-3p MIMAT0017340	GGUGCAGUUACUGUGGCUGUGG	22
A-miRNA#3833	>mmu-miR-1931 MIMAT0009394	AUGCAAGGGCUGGUGCGAUGGC	22
A-miRNA#3834	>mmu-miR-1932 MIMAT0009395	GUUGCGGACAGCGCUAGGUCGG	22
A-miRNA#3835	>mmu-miR-1933-5p MIMAT0009396	AGUCAUGGUGUUCGGUCUUAUUU	24
A-miRNA#3836	>mmu-miR-1933-3p MIMAT0009397	CCAGGACCAUCAGUGUGACUUAU	22
A-miRNA#3837	>mmu-miR-1934-5p MIMAT0009398	UCUGGUCCCCUGCUUCGUCCUCU	23
A-miRNA#3838	>mmu-miR-1934-3p MIMAT0017341	AGGAUGACGGUGGGGUGGUGA	22
A-miRNA#3839	>mmu-miR-1935 MIMAT0009399	AGGCAGAGGCUGGCGGAUCUCU	22
A-miRNA#3840	>mmu-miR-1936 MIMAT0009400	UAACUGACCUGCUGUGAACUGGC	23

A-miRNA#3841	>mmu-miR-1938 MIMAT0009402	CGGUGGGACUUGUAGUUCGGUC	22
A-miRNA#3842	>mmu-miR-1940 MIMAT0009404	AUGGAGGACUGAGAAGGUGGAGCAGUU	27
A-miRNA#3843	>mmu-miR-1941-5p MIMAT0009405	AGGGAGAUGCUGGUACAGAGGCUU	24
A-miRNA#3844	>mmu-miR-1941-3p MIMAT0009406	CAUCUUAGCAGUAUCUCCCAU	21
A-miRNA#3845	>mmu-miR-1942 MIMAT0009407	UCAGAUGUCUUCUUCUGGUUG	21
A-miRNA#3846	>mmu-miR-1943-5p MIMAT0009408	AAGGGAGGAUCUGGGCACCUGGA	23
A-miRNA#3847	>mmu-miR-1943-3p MIMAT0017342	CAGGUGCCAGCUCCUCCCUUC	21
A-miRNA#3848	>mmu-miR-1945 MIMAT0009410	UCUUCGCGGGUACUGUCGGGAC	22
A-miRNA#3849	>mmu-miR-1306-5p MIMAT0019136	CACCACCUCCCCUGCAAACGUCC	23
A-miRNA#3850	>mmu-miR-1306-3p MIMAT0009411	ACGUUGGCUCUGGUGGUGAUG	21
A-miRNA#3851	>mmu-miR-1946a MIMAT0009412	AGCCGGGACAGUGGUGGCACACACUUUU	27
A-miRNA#3852	>mmu-miR-1947-5p MIMAT0009413	AGGACGAGCUAGCUGAGUGCUG	22
A-miRNA#3853	>mmu-miR-1947-3p MIMAT0017343	GCACUGAGCUAGCUCUCCCUCC	22
A-miRNA#3854	>mmu-miR-1948-5p MIMAT0017344	AUAUGAGUAUUCUGCCUAAAU	21
A-miRNA#3855	>mmu-miR-1948-3p MIMAT0009415	UUUAGGCAGAGCACUCGUACAG	22
A-miRNA#3856	>mmu-miR-1949 MIMAT0009416	CUAUACCAGGAUGUCAGCAUAGUU	24
A-miRNA#3857	>mmu-miR-1950 MIMAT0009417	UCUGCAUCUAAGGAUAUGGUCA	22
A-miRNA#3858	>mmu-miR-669l-5p MIMAT0009418	AGUUGUGUGUGCAUGUAUAUGU	22
A-miRNA#3859	>mmu-miR-669l-3p MIMAT0017345	AUAUACAUAACACCCAUUAU	22
A-miRNA#3860	>mmu-miR-669m-5p MIMAT0017346	UGUGUGCAUGUGCAUGUGUGUAU	23
A-miRNA#3861	>mmu-miR-669m-3p MIMAT0009419	AUAUACAUCCACACAAACAUU	22
A-miRNA#3862	>mmu-miR-669o-5p MIMAT0009421	UAGUUGUGUGUGCAUGUUUAUGU	23
A-miRNA#3863	>mmu-miR-669o-3p MIMAT0017347	ACAUAAACUAACACACACGUAU	23
A-miRNA#3864	>mmu-miR-1951 MIMAT0009422	GUAGUGGAGACUGGUGUGGCUA	22
A-miRNA#3865	>mmu-miR-1952 MIMAT0009423	UCUCCACCCUCCUUCUG	17
A-miRNA#3866	>mmu-miR-1953 MIMAT0009424	UGGGAAAGUUCUCAGGCUUCUG	22
A-miRNA#3867	>mmu-miR-1954 MIMAT0009425	ACUGCAGAGUGAGACCCUGUU	21
A-miRNA#3868	>mmu-miR-1955-5p MIMAT0009426	AGUCCAGGAUGCACUGCAGCUUUU	25
A-miRNA#3869	>mmu-miR-1955-3p MIMAT0017348	GAGCAUUGCAUGCUGGGACAU	21
A-miRNA#3870	>mmu-miR-669n MIMAT0009427	AUUUGUGUGUGGAUGUGUGU	20
A-miRNA#3871	>mmu-miR-1956 MIMAT0009428	AGUCCAGGGCUGAGUCAGCGGA	22
A-miRNA#3872	>mmu-miR-1957a MIMAT0009430	CAGUGGUAGAGCAUAUGAC	19
A-miRNA#3873	>mmu-miR-1958 MIMAT0009431	UAGGAAAGUGGAAGCAGUAAGU	22
A-miRNA#3874	>mmu-miR-1960 MIMAT0009433	CCAGUGCUGUUAGAAGAGGGCU	22
A-miRNA#3875	>mmu-miR-1961 MIMAT0009434	UGAGGUAGUAGUUAGAA	17
A-miRNA#3876	>mmu-miR-1962 MIMAT0009435	AGAGGCUGGCACUGGGACACAU	22
A-miRNA#3877	>mmu-miR-1963 MIMAT0009436	UGGGACGAGAUCAUGAGGCCUUC	23
A-miRNA#3878	>mmu-miR-1964-5p MIMAT0017349	AGCUGGAGCACAAAAGCCGGUG	22
A-miRNA#3879	>mmu-miR-1964-3p MIMAT0009437	CCGACUUCUGGGCUCGGCUUU	22
A-miRNA#3880	>mmu-miR-1965 MIMAT0009438	AAGCCGGGCCGUAGUGGCGCA	21
A-miRNA#3881	>mmu-miR-1966-5p MIMAT0009439	AAGGGAGCUGGCUCAGGAGAGAGUC	25
A-miRNA#3882	>mmu-miR-1966-3p MIMAT0022952	UUUCUGACUCAACUCUCCCUUAG	23
A-miRNA#3883	>mmu-miR-1967 MIMAT0009440	UGAGGAUCCUGGGGAGAAGAUGC	23
A-miRNA#3884	>mmu-miR-1968-5p MIMAT0009441	UGCAGCUGUUAAGGAUGGUGGACU	24
A-miRNA#3885	>mmu-miR-1968-3p MIMAT0017350	ACCACCUCUGCAGCUGUUAAG	21
A-miRNA#3886	>mmu-miR-1969 MIMAT0009442	AAGAUGGAGACUUUAACAUGGGU	23
A-miRNA#3887	>mmu-miR-1946b MIMAT0009443	GCCGGGACAGUGGUGGCACAUUUU	26

A-miRNA#3888	>mmu-miR-1970 MIMAT0009444	UGUGUCACUGGGGAUAGGCUUUG	23
A-miRNA#3889	>mmu-miR-1971 MIMAT0009446	GUAAAGGCUGGGCUGAGA	18
A-miRNA#3890	>mmu-miR-1983 MIMAT0009455	CUCACCUGGAGCAUGUUUUCU	21
A-miRNA#3891	>mmu-miR-1839-5p MIMAT0009456	AAGGUAGAUAGAACAGGUCUUG	22
A-miRNA#3892	>mmu-miR-1839-3p MIMAT0009457	AGACCUACUUAUCUACCAACAGC	23
A-miRNA#3893	>mmu-miR-1981-5p MIMAT0009458	GUAAAGGCUGGGCUUAGACGUGGC	24
A-miRNA#3894	>mmu-miR-1981-3p MIMAT0017351	CAUCUAACCCUGGCCUUUGAC	21
A-miRNA#3895	>mmu-miR-1982-5p MIMAT0009459	UUGGGAGGGUCCUGGGGAGG	20
A-miRNA#3896	>mmu-miR-1982.1-3p MIMAT0009460	UCUCACCCUAUGUUCUCCACAG	23
A-miRNA#3897	>mmu-miR-1982.2-3p MIMAT0009461	UCACCCUAUGUUCUCCACAG	21
A-miRNA#3898	>mmu-miR-2136 MIMAT0011212	CUGGGUGUUGACUGAGAUGUG	21
A-miRNA#3899	>mmu-miR-2137 MIMAT0011213	GCCGGCGGGAGCCCCAGGGAG	21
A-miRNA#3900	>mmu-miR-2139 MIMAT0011215	AGCUGCGCUGCUCCUGGUAACUGC	24
A-miRNA#3901	>mmu-miR-2183 MIMAT0011287	UUGAACCCUGACCUCCU	18
A-miRNA#3902	>mmu-miR-432 MIMAT0012771	UCUUGGAGUAGAUCAGUGGGCAG	23
A-miRNA#3903	>mmu-miR-599 MIMAT0012772	UUGUGUCAGUUUAUCAAAC	19
A-miRNA#3904	>mmu-miR-767 MIMAT0012773	UGCACCAUGGUUGUCUGAGCA	21
A-miRNA#3905	>mmu-miR-664-5p MIMAT0017353	CUGGCUGGGGAAAAUGACUGG	21
A-miRNA#3906	>mmu-miR-664-3p MIMAT0012774	UAUUCAUUUACUCCCCAGCCUA	22
A-miRNA#3907	>mmu-miR-2861 MIMAT0013803	GGGGCCUGGCGGCGGGCGG	19
A-miRNA#3908	>mmu-miR-3057-5p MIMAT0014822	AUUGGAGCUGAGAUUCUGCGGGAU	24
A-miRNA#3909	>mmu-miR-3057-3p MIMAT0014823	UCCCACAGGCCAGCUCAUAGC	22
A-miRNA#3910	>mmu-miR-1251-5p MIMAT0014824	ACUCUAGCUGCCAAAGGCGCU	21
A-miRNA#3911	>mmu-miR-1251-3p MIMAT0014825	CGCUUUGCUCAGCCAGUGUAG	21
A-miRNA#3912	>mmu-miR-3060-5p MIMAT0014826	GGGAGUGCUUCGUGCUUCUG	20
A-miRNA#3913	>mmu-miR-3060-3p MIMAT0014827	CCAUAGCACAGAAGCACUCCCA	22
A-miRNA#3914	>mmu-miR-3061-5p MIMAT0014828	CAGUGGGCCGUGAAAGGUAGCC	22
A-miRNA#3915	>mmu-miR-3061-3p MIMAT0014829	CUACCUUUGAUAGUCCACUGCC	22
A-miRNA#3916	>mmu-miR-3062-5p MIMAT0014830	GGAGAAUGUAGUGUUACCGUGA	22
A-miRNA#3917	>mmu-miR-3062-3p MIMAT0014831	CGGGGACACACUUUCUCCU	19
A-miRNA#3918	>mmu-miR-3063-5p MIMAT0014832	UGGAGAUCAAGGUUUGCACACU	21
A-miRNA#3919	>mmu-miR-3063-3p MIMAT0014833	UGAGGAAUCCUGAUCUCUCGCC	22
A-miRNA#3920	>mmu-miR-3064-5p MIMAT0014834	UCUGGCUGUUGUGGUGUGCAA	22
A-miRNA#3921	>mmu-miR-3064-3p MIMAT0014835	UGCCACACUGCAACACCUUACA	22
A-miRNA#3922	>mmu-miR-3065-5p MIMAT0014836	UCAACAAAAUCACUGAUGCUGG	22
A-miRNA#3923	>mmu-miR-3065-3p MIMAT0014837	UCAGCACCAGGAUAUUGUUGGGG	23
A-miRNA#3924	>mmu-miR-3066-5p MIMAT0014838	UUGGUUGCUGUAGAUUAAGUAG	22
A-miRNA#3925	>mmu-miR-3066-3p MIMAT0014839	CACUUAUAGACCGCAACCUGC	22
A-miRNA#3926	>mmu-miR-3067-5p MIMAT0014840	AGUUCUCAGGCCCGCUGUGGUGU	23
A-miRNA#3927	>mmu-miR-3067-3p MIMAT0014841	CCAAGCGGCUGCCCUGGGAGAGG	23
A-miRNA#3928	>mmu-miR-3068-5p MIMAT0014842	UUGGAGUUAUGCAAGUUCUAACC	24
A-miRNA#3929	>mmu-miR-3068-3p MIMAT0014843	GGUGAAUUGCAGUACUCCAACA	22
A-miRNA#3930	>mmu-miR-3069-5p MIMAT0014844	UUGGCAGUCAAGAUUUGUUUAGC	24
A-miRNA#3931	>mmu-miR-3069-3p MIMAT0014845	UUGGACACUAAGUACUGCCACA	22
A-miRNA#3932	>mmu-miR-3070a-5p MIMAT0014846	AGCCCCUGACCUUGAACCUGGGA	23
A-miRNA#3933	>mmu-miR-3070a-3p MIMAT0014847	UGGUGCUACCGUCAGGGGUAGA	22
A-miRNA#3934	>mmu-miR-3070b-5p MIMAT0014848	AGCCCCUGACCUUGAACCUGGGA	23

A-miRNA#3935	>mmu-miR-3070b-3p MIMAT0014849	UGGUGCUAUGGUCAGGGGUAGA	22
A-miRNA#3936	>mmu-miR-3071-5p MIMAT0014850	ACUCAUUUGAGACGAUGAUGGA	22
A-miRNA#3937	>mmu-miR-3071-3p MIMAT0014851	AUCAUCAAACAAAUGGAGUCC	22
A-miRNA#3938	>mmu-miR-3072-5p MIMAT0014852	AGGGACCCCGAGGGAGGGCAGG	22
A-miRNA#3939	>mmu-miR-3072-3p MIMAT0014853	UGCCCCUCCAGGAAGCCUUCU	22
A-miRNA#3940	>mmu-miR-3073a-5p MIMAT0014854	GUGGUCACAGUUGGCGCCAGCC	22
A-miRNA#3941	>mmu-miR-3073a-3p MIMAT0014855	UUGAUGUCCACUGUGACCAUAG	22
A-miRNA#3942	>mmu-miR-3074-5p MIMAT0014856	GUUCCUGCUGAACUGAGCCAGU	22
A-miRNA#3943	>mmu-miR-3074-1-3p MIMAT0014857	GAUAUCAGCUCAGUAGGCACCG	22
A-miRNA#3944	>mmu-miR-3075-5p MIMAT0014858	UGUCUGGGAGCAGCCAAGGAC	21
A-miRNA#3945	>mmu-miR-3075-3p MIMAT0014859	AUCCUUGGCCUUCUAGGUGU	21
A-miRNA#3946	>mmu-miR-3076-5p MIMAT0014860	CACAGGGGAAGCUCAGUGCCAGCC	24
A-miRNA#3947	>mmu-miR-3076-3p MIMAT0014861	CGCACUCUGGUCUUCCCUUGCAG	23
A-miRNA#3948	>mmu-miR-3077-5p MIMAT0014862	CUGCGACGGGUGGGCGGGCAGGCC	25
A-miRNA#3949	>mmu-miR-3077-3p MIMAT0014863	CUGACUCCUGCUUCUCCGCAG	22
A-miRNA#3950	>mmu-miR-3078-5p MIMAT0014864	CAAAGCCUAGACUGCAGCUACCU	23
A-miRNA#3951	>mmu-miR-3078-3p MIMAT0014865	UUGCUGGGGUAGUCUUUAGG	20
A-miRNA#3952	>mmu-miR-3079-5p MIMAT0014866	UUUGAUCUGAUGAGCUAAGCUGG	23
A-miRNA#3953	>mmu-miR-3079-3p MIMAT0014867	CAGGCUCAUCAGAUGAAAGUC	21
A-miRNA#3954	>mmu-miR-3080-5p MIMAT0014868	UGAAGCGCCUGUUCUUGGAU	20
A-miRNA#3955	>mmu-miR-3080-3p MIMAT0014869	UCCUCGGGCAAAGCGCUUGACA	22
A-miRNA#3956	>mmu-miR-3081-5p MIMAT0014870	GACUGGAGCUUGGAGCGGUGAGC	23
A-miRNA#3957	>mmu-miR-3081-3p MIMAT0014871	UUGCGCUCCGAUCUCUGAGCUGG	23
A-miRNA#3958	>mmu-miR-3082-5p MIMAT0014872	GACAGAGUGUGUGUGUCUGUGU	22
A-miRNA#3959	>mmu-miR-3082-3p MIMAT0014873	CACAUGGCACUCAACUCUGCAG	22
A-miRNA#3960	>mmu-miR-3083-5p MIMAT0014874	AGGCUGGGAAUAUUUCAGAGAU	22
A-miRNA#3961	>mmu-miR-3083-3p MIMAT0014875	UCCGAAACAUUCCAGCCUUUA	22
A-miRNA#3962	>mmu-miR-3084-5p MIMAT0014876	GUUGAAGGUUAAUUAAGCAGAGU	22
A-miRNA#3963	>mmu-miR-3084-3p MIMAT0014877	UUCUGCCAGUCUCCUUCAGAC	21
A-miRNA#3964	>mmu-miR-3085-5p MIMAT0014878	AGGUGCCAUUCCGAGGGCCAAGAGU	25
A-miRNA#3965	>mmu-miR-3085-3p MIMAT0014879	UCUGGCUGCUAUGGCCCCCUC	21
A-miRNA#3966	>mmu-miR-3086-5p MIMAT0014880	UAGAUUGUAGGCCCAUUGGA	20
A-miRNA#3967	>mmu-miR-3086-3p MIMAT0014881	CCCAAUGAGCCUACAGUCUAAG	22
A-miRNA#3968	>mmu-miR-466m-5p MIMAT0014882	UGUGUGCAUGUGCAUGUGUGUAU	23
A-miRNA#3969	>mmu-miR-466m-3p MIMAT0014883	UACAUACACACAUAACACACGCA	22
A-miRNA#3970	>mmu-miR-669d-2-3p MIMAT0014884	AUAUACAUAACACACCAUAUAC	22
A-miRNA#3971	>mmu-miR-466o-5p MIMAT0014885	UGAUGUGUGUGUACAUGUACAU	22
A-miRNA#3972	>mmu-miR-466o-3p MIMAT0014886	UACAUACAUGCACACAUAAGAC	22
A-miRNA#3973	>mmu-miR-669p-5p MIMAT0014889	AGUUGUGUGUGCAUGUUAUGUCU	24
A-miRNA#3974	>mmu-miR-669p-3p MIMAT0014890	CAUAACAUAACACACACACGUAU	24
A-miRNA#3975	>mmu-miR-466p-5p MIMAT0014891	UAUGUGUGUGUACAUGUACAU	21
A-miRNA#3976	>mmu-miR-466p-3p MIMAT0014892	AUACAUAACACGCACACAUAAGA	22
A-miRNA#3977	>mmu-miR-466n-5p MIMAT0014893	GUGUGUGCGUACAUGUACAUGU	22
A-miRNA#3978	>mmu-miR-466n-3p MIMAT0014894	UAUACAUGAGAGCAUACAUAAGA	22
A-miRNA#3979	>mmu-miR-3087-5p MIMAT0014895	CAGGGCAGGGCAAGAGUUGAG	21
A-miRNA#3980	>mmu-miR-3087-3p MIMAT0014896	UAAUCACUGUCAUGUCCUCA	21
A-miRNA#3981	>mmu-miR-3088-5p MIMAT0014897	GCUAUGCAGUUGUUCAUGAGCU	22

A-miRNA#3982	>mmu-miR-3088-3p MIMAT0014898	UUCAUGAGCAGCUGCAAAGGUGU	23
A-miRNA#3983	>mmu-miR-3089-5p MIMAT0014899	UGAGUUCAGGGACAGCGUGUCU	22
A-miRNA#3984	>mmu-miR-3089-3p MIMAT0014900	AGCAUCUGCUGAUCCUGAGCUGU	23
A-miRNA#3985	>mmu-miR-3090-5p MIMAT0014901	GUCUGGGUGGGGCCUGAGAUC	21
A-miRNA#3986	>mmu-miR-3090-3p MIMAT0014902	UCCCAGGUGACACCCUGACUCA	22
A-miRNA#3987	>mmu-miR-3091-5p MIMAT0014903	CAUGGGUCUGGUUGGGCCCGC	21
A-miRNA#3988	>mmu-miR-3091-3p MIMAT0014904	CGGGCCUGACCAGUCUCAAGAC	22
A-miRNA#3989	>mmu-miR-3092-5p MIMAT0014905	AGGGGAAAAUGCCUUUCUCCA	22
A-miRNA#3990	>mmu-miR-3092-3p MIMAT0014906	GAAUGGGGCGUUUUCCCCUCC	21
A-miRNA#3991	>mmu-miR-3093-5p MIMAT0014907	CGCACCCCGCGGAGCUCACACU	22
A-miRNA#3992	>mmu-miR-3093-3p MIMAT0014908	UGUGGACACCGUGGGAGGUUGG	22
A-miRNA#3993	>mmu-miR-3094-5p MIMAT0014909	UGUUGGGGACAUUUUUAAAGC	21
A-miRNA#3994	>mmu-miR-3094-3p MIMAT0014910	CCUUUAAAUUGUGUCCUCAAG	21
A-miRNA#3995	>mmu-miR-3095-5p MIMAT0014911	AAGCUUUCUCAUCUGUGACACU	22
A-miRNA#3996	>mmu-miR-3095-3p MIMAT0014912	UGGACACUGGAGAGAGAGCUUUU	23
A-miRNA#3997	>mmu-miR-3096a-5p MIMAT0014913	UGGCCAAGGAUGAGAACU	18
A-miRNA#3998	>mmu-miR-3096a-3p MIMAT0014914	UGGGUUAAGGAUUUACCUGAGGCCA	26
A-miRNA#3999	>mmu-miR-3097-5p MIMAT0014915	CACAGGUGGGAAGUGUGUGUCCA	23
A-miRNA#4000	>mmu-miR-3097-3p MIMAT0014916	CUCAGACCUUUCUACCUGUCAG	22
A-miRNA#4001	>mmu-miR-3098-5p MIMAT0014917	UCCUAACAGCAGGAGUAGGAGC	22
A-miRNA#4002	>mmu-miR-3098-3p MIMAT0014918	UUCUGCUGCCUGCCUUUAGGA	21
A-miRNA#4003	>mmu-miR-3100-5p MIMAT0014919	UUGGGAACGGGGUGUCUUUGGGA	23
A-miRNA#4004	>mmu-miR-3100-3p MIMAT0014920	CUGUGACACACCCGCUCCCAG	21
A-miRNA#4005	>mmu-miR-3101-5p MIMAT0014921	GGUACCAUUGACUAAAGCUAG	21
A-miRNA#4006	>mmu-miR-3101-3p MIMAT0014922	UAGCUUUGGUGGAUGGUCUUU	21
A-miRNA#4007	>mmu-miR-344e-5p MIMAT0014923	CAGGCUUCUGGCUAUAUUCC	20
A-miRNA#4008	>mmu-miR-344e-3p MIMAT0014924	GAUAUAACCAAAGCCUGACUAU	22
A-miRNA#4009	>mmu-miR-344b-5p MIMAT0014925	AGUCAGGCUCCUGGCUAAAGUUC	23
A-miRNA#4010	>mmu-miR-344b-3p MIMAT0014926	CAUUUAGCCAAAGCCUGACUGU	22
A-miRNA#4011	>mmu-miR-344c-5p MIMAT0014927	AGUCAGGCUGCUGGCUAGAGUAC	23
A-miRNA#4012	>mmu-miR-344c-3p MIMAT0014928	UGAUCUAGUCAAGCCUGACAGU	23
A-miRNA#4013	>mmu-miR-344g-5p MIMAT0014929	AGUCAGGCUCCUGGCAGGAGU	21
A-miRNA#4014	>mmu-miR-344g-3p MIMAT0014930	CAGGCUCUAGCCAGGGGCUUGA	22
A-miRNA#4015	>mmu-miR-344f-5p MIMAT0014931	AGUCAGUCUCCUGGCUAGGAGUC	22
A-miRNA#4016	>mmu-miR-344f-3p MIMAT0014932	CUCUAGCCAGGACCUGACUAC	21
A-miRNA#4017	>mmu-miR-3102-5p MIMAT0014933	GUGAGUGGCCAGGGUGGGGCUUG	22
A-miRNA#4018	>mmu-miR-3102-5p.2-5p MIMAT0014934	GGUGGUGCAGGCAGGAGAGGCC	21
A-miRNA#4019	>mmu-miR-3102-3p.2-3p MIMAT0014935	CUCUACUCCUGCCCCAGCCA	21
A-miRNA#4020	>mmu-miR-3102-3p MIMAT0014936	GAGCACCCCAUUGGCUACCCACA	23
A-miRNA#4021	>mmu-miR-3103-5p MIMAT0014937	GGAGGGAGGAUCUGCUGUUAG	21
A-miRNA#4022	>mmu-miR-3103-3p MIMAT0014938	UAACCUCUGAUCCUCCCCACAG	22
A-miRNA#4023	>mmu-miR-3104-5p MIMAT0014939	UAGGGGGCAGGAGCCGAGCCUCU	25
A-miRNA#4024	>mmu-miR-3104-3p MIMAT0014940	ACGCUCUGCUUUGCUCCCCAGA	23
A-miRNA#4025	>mmu-miR-3105-5p MIMAT0014941	AGAGCAAGCCGUAAGCAGCGU	22
A-miRNA#4026	>mmu-miR-3105-3p MIMAT0014942	ACUGCUUAUGAGCUUGCACUCC	22
A-miRNA#4027	>mmu-miR-3107-5p MIMAT0014943	UCCUGUACUGAGCUGCCCCGAG	22
A-miRNA#4028	>mmu-miR-3107-3p MIMAT0014944	CGGGGCAGCUCAGUACAGGA	20

A-miRNA#4029	>mmu-miR-3074-2-3p MIMAT0014946	UGUUUCAGCUCAGUAGGCAC	20
A-miRNA#4030	>mmu-miR-3108-5p MIMAT0014947	GUCUCUAAAGCUAGACGUUCCGG	23
A-miRNA#4031	>mmu-miR-3108-3p MIMAT0014948	CGUCUAGGUCUAGAGUCUCAA	21
A-miRNA#4032	>mmu-miR-3109-5p MIMAT0014949	AAUGGAUGCGAUGGUUCCCAUGCU	24
A-miRNA#4033	>mmu-miR-3109-3p MIMAT0014950	UAGGGCCAUCUCAUCCAGAUUA	21
A-miRNA#4034	>mmu-miR-3110-5p MIMAT0014951	UUCUGCCUCCCCUGAAGGCUC	21
A-miRNA#4035	>mmu-miR-3110-3p MIMAT0014952	GCACUCCAUCGGAGGCAGACAC	22
A-miRNA#4036	>mmu-miR-374c-5p MIMAT0014953	AUAAUACAACCUGCUAAGUG	20
A-miRNA#4037	>mmu-miR-374c-3p MIMAT0014954	ACUUAGCAGGUUGUAUUUAU	19
A-miRNA#4038	>mmu-miR-3112-5p MIMAT0014955	ACAUAGAAAAGGCAGUCUGCA	21
A-miRNA#4039	>mmu-miR-3112-3p MIMAT0014956	CAGUUUGUCUCUUCUUUGUCU	21
A-miRNA#4040	>mmu-miR-1912-5p MIMAT0014957	UGCUCAUUGCAUGGGCUGUGUA	22
A-miRNA#4041	>mmu-miR-1912-3p MIMAT0014958	CACAGAACAUGCAGUGAGAACU	22
A-miRNA#4042	>mmu-miR-3113-5p MIMAT0014959	GUCCUGGCCCUUGGUCCGGGUCC	22
A-miRNA#4043	>mmu-miR-3113-3p MIMAT0014960	UCCUGGCCCUUGGUCCUGGUC	20
A-miRNA#4044	>mmu-miR-3470a MIMAT0015640	UCACUUUGUAGACCAGGCUGG	21
A-miRNA#4045	>mmu-miR-3470b MIMAT0015641	UCACUCUGUAGACCAGGCUGG	21
A-miRNA#4046	>mmu-miR-3471 MIMAT0015642	UGAGAUCCAACUGUAAGGCAUU	22
A-miRNA#4047	>mmu-miR-3472 MIMAT0015643	UAAUAGCCAGAAGCUGGAAGGAACC	25
A-miRNA#4048	>mmu-miR-1186b MIMAT0015644	UGGGAUUAAAGGCAUGCACCAC	22
A-miRNA#4049	>mmu-miR-3473a MIMAT0015645	UGGAGAGAUGGCUCAGCA	18
A-miRNA#4050	>mmu-miR-3474 MIMAT0015646	CCCUGGGAGGAGACGUGGAUUC	22
A-miRNA#4051	>mmu-miR-3960 MIMAT0019336	GGCGGCGGCGGAGGCGGGGG	20
A-miRNA#4052	>mmu-miR-3961 MIMAT0019338	UGCCCUCAGCUCAGUUGGA	19
A-miRNA#4053	>mmu-miR-28c MIMAT0019339	AGGAGCUCACAGUCUAUUGA	20
A-miRNA#4054	>mmu-miR-3962 MIMAT0019340	AGGUAGUAGUUUGUACAUUU	20
A-miRNA#4055	>mmu-miR-3963 MIMAT0019341	UGUAUCCACUUCUGACAC	19
A-miRNA#4056	>mmu-miR-3096b-5p MIMAT0019342	GGCCAAGGAUGAGAACUCUAA	21
A-miRNA#4057	>mmu-miR-3096b-3p MIMAT0019343	AAAGGAUUUACCUGAGGCCA	20
A-miRNA#4058	>mmu-miR-3964 MIMAT0019344	AUAAGGUAGAAAGCACUAAA	20
A-miRNA#4059	>mmu-miR-1843b-5p MIMAT0019345	AUGGAGGUCUCUGUCUGACUU	21
A-miRNA#4060	>mmu-miR-1843b-3p MIMAT0019346	CCGAUCGUUCCCCUCCAUAAC	20
A-miRNA#4061	>mmu-miR-3965 MIMAT0019347	UGCUUAUCAGCCUGAUGUU	19
A-miRNA#4062	>mmu-miR-378b MIMAT0019348	CUGGACUUGGAGUCAGAAGA	20
A-miRNA#4063	>mmu-miR-101c MIMAT0019349	ACAGUACUGUGAUAAACUGA	19
A-miRNA#4064	>mmu-miR-3966 MIMAT0019350	AGCUGCCAGCUGUAGAACUGU	21
A-miRNA#4065	>mmu-miR-3967 MIMAT0019351	AGCUUGUCUGACUGAUGUUG	20
A-miRNA#4066	>mmu-miR-3968 MIMAT0019352	CGAAUCCACUCCAGACACCA	21
A-miRNA#4067	>mmu-miR-3969 MIMAT0019353	CCCUAAAGUAGAAAUCACUA	20
A-miRNA#4068	>mmu-miR-28b MIMAT0019354	AGGAGCUCACAAUCUAUUUAG	21
A-miRNA#4069	>mmu-miR-3970 MIMAT0019355	GAGGUUGUAGUUUGUGCUUU	20
A-miRNA#4070	>mmu-miR-3971 MIMAT0019356	CUCCCCACCCUGUACCAGUGA	22
A-miRNA#4071	>mmu-miR-3473b MIMAT0020367	GGGCUUGAGAGAUGGCUCAG	20
A-miRNA#4072	>mmu-miR-5046 MIMAT0020540	AGCUCCCGCCACUGUGACCCCCUU	24
A-miRNA#4073	>mmu-miR-5097 MIMAT0020604	GUUCAUGUCCUGUUCAGGCGCCA	24
A-miRNA#4074	>mmu-miR-5098 MIMAT0020605	GUUACAUGGUGAAGCCCAGUU	21
A-miRNA#4075	>mmu-miR-5099 MIMAT0020606	UUAGAUCGAUGUGGUGCUCC	20

A-miRNA#4076	>mmu-miR-5100 MIMAT0020607	UCGAAUCCCAGCGGUGCCUCU	21
A-miRNA#4077	>mmu-miR-5101 MIMAT0020608	UUUGUUUUUUUGCUGAUGCAG	22
A-miRNA#4078	>mmu-miR-5103 MIMAT0020610	UCAUCCGGGAUCCCCUGAGG	20
A-miRNA#4079	>mmu-miR-5104 MIMAT0020611	CUGUGCUAGUGAGGUGGCUCAGCA	24
A-miRNA#4080	>mmu-miR-5105 MIMAT0020612	GGCGCCGUCGUGGGGGGCC	20
A-miRNA#4081	>mmu-miR-5106 MIMAT0020613	AGGUCUGUAGCUCAGUUGGCAGA	23
A-miRNA#4082	>mmu-miR-3473c MIMAT0020614	UCUCUCCAGCCCCCAUAAUAAG	22
A-miRNA#4083	>mmu-miR-5107-5p MIMAT0020615	UGGGCAGAGGAGGCAGGGACA	21
A-miRNA#4084	>mmu-miR-5107-3p MIMAT0022985	CAACCUGUGCUUCUCUUCCCAG	22
A-miRNA#4085	>mmu-miR-5108 MIMAT0020616	GUAGAGCACUGGAUGGUUU	19
A-miRNA#4086	>mmu-miR-5109 MIMAT0020617	UGUUGCGGACCAGGGGAUCCGA	23
A-miRNA#4087	>mmu-miR-5110 MIMAT0020618	GGAGGAGGUAGAGGGUGGUGAAUU	25
A-miRNA#4088	>mmu-miR-5112 MIMAT0020620	UAGCUCAGCGGGAGAGCAC	19
A-miRNA#4089	>mmu-miR-5113 MIMAT0020621	ACAGAGGAGGAGAGAGAUCCUGU	23
A-miRNA#4090	>mmu-miR-5114 MIMAT0020622	ACUGGAGACGGAAGCUGCAAGA	22
A-miRNA#4091	>mmu-miR-5115 MIMAT0020623	CUGGACGCGAGCUGGGCCC	19
A-miRNA#4092	>mmu-miR-5116 MIMAT0020624	UUUGAUAGGAACCCCGCCUGA	21
A-miRNA#4093	>mmu-miR-5117-5p MIMAT0020625	GUUAGUGAUGAUCAAUAAAGUUA	23
A-miRNA#4094	>mmu-miR-5117-3p MIMAT0022744	AUUGAUUGUUAAGCUGAAA	19
A-miRNA#4095	>mmu-miR-5118 MIMAT0020626	AAGGUUAGGCCAGCCUGGU	19
A-miRNA#4096	>mmu-miR-5119 MIMAT0020627	CAUCUCAUCCUGGGGCGUG	19
A-miRNA#4097	>mmu-miR-5120 MIMAT0020628	UUUGGGGCGUGGUGCCACCAGC	23
A-miRNA#4098	>mmu-miR-5121 MIMAT0020629	AGCUUGUGAUGAGACAUCUCC	21
A-miRNA#4099	>mmu-miR-5122 MIMAT0020630	CCGCGGGACCCGGGGCUGUG	20
A-miRNA#4100	>mmu-miR-466q MIMAT0020631	GUGCACACACACAUAACGU	20
A-miRNA#4101	>mmu-miR-3473d MIMAT0020632	CCACUGAGCCACUUCCAGCCCUU	24
A-miRNA#4102	>mmu-miR-5123 MIMAT0020633	UGUAGAUCCAUAUGCCAUGGUGUG	24
A-miRNA#4103	>mmu-miR-5124a MIMAT0020634	GGUCCAGUGACUAAGAGCAU	20
A-miRNA#4104	>mmu-miR-5125 MIMAT0020635	UCUGCCUGGGAUUUCUUGU	20
A-miRNA#4105	>mmu-miR-3572-5p MIMAT0022986	UGGGGAACAGGGCAAGGUGGAC	22
A-miRNA#4106	>mmu-miR-3572-3p MIMAT0020636	UACACUUGUCCUUCUUCCCCAG	23
A-miRNA#4107	>mmu-miR-5126 MIMAT0020637	GCGGGCGGGGCCGGGGGCGGGG	22
A-miRNA#4108	>mmu-miR-5127 MIMAT0020638	UCUCCCAACCCUUUCCCA	19
A-miRNA#4109	>mmu-miR-5128 MIMAT0020639	CAAUUGGGGCGGCGAGAUGGCU	23
A-miRNA#4110	>mmu-miR-5129-5p MIMAT0020640	AUGUGGGGGCAUUGGUUUUUC	22
A-miRNA#4111	>mmu-miR-5129-3p MIMAT0022987	AAUGUGCCUGUGCAUCUCUCC	22
A-miRNA#4112	>mmu-miR-5130 MIMAT0020641	CUGGAGCGCGGGGCGAGGCAGGC	24
A-miRNA#4113	>mmu-miR-5131 MIMAT0020642	CGGCGCCCCACGGAGCCCCGAGC	23
A-miRNA#4114	>mmu-miR-5132-5p MIMAT0020643	GCGUGGGGUGGUGGACUCAGG	21
A-miRNA#4115	>mmu-miR-5132-3p MIMAT0022988	CUGAUGUCCCCAUCCCGCAG	21
A-miRNA#4116	>mmu-miR-5133 MIMAT0020644	GCUGGAGCUGCGGCAGCGCAG	21
A-miRNA#4117	>mmu-miR-5134-5p MIMAT0020645	UUGGCAGAAAGGGCAGCUGUG	21
A-miRNA#4118	>mmu-miR-5134-3p MIMAT0022989	ACGGGUGGCCUUCUUCUGCAG	22
A-miRNA#4119	>mmu-miR-5135 MIMAT0020646	AGGUCUAGGUGGCAAGGGCGUCCU	24
A-miRNA#4120	>mmu-miR-5136 MIMAT0020647	AUAUGCGAGGGAACUACUGG	20
A-miRNA#4121	>mmu-miR-3544-5p MIMAT0022353	AGAAAGGCAUCAUAUAGGAGCUG	23
A-miRNA#4122	>mmu-miR-3544-3p MIMAT0022354	ACUCCUGCAUGACGCCGUUCCC	22

A-miRNA#4123	>mmu-miR-299b-5p MIMAT0022836	GGUUUACCGUCCCACAUACAU	21
A-miRNA#4124	>mmu-miR-299b-3p MIMAT0022837	UAUGUGGGACGGUAAACC	18
A-miRNA#4125	>mmu-miR-5615-5p MIMAT0022355	CUUGGUUGUUUUCUGAGACAGA	22
A-miRNA#4126	>mmu-miR-5615-3p MIMAT0022356	UGUCUCAGAAAACAACCAAGGA	22
A-miRNA#4127	>mmu-miR-1231-5p MIMAT0022357	UCUGGGCAGAGCUGCAGGAGAGA	23
A-miRNA#4128	>mmu-miR-1231-3p MIMAT0022358	UGCCCUGUCUGUUCUGCCCACAG	23
A-miRNA#4129	>mmu-miR-5616-5p MIMAT0022359	UUUCCUCUCAUCACAAGUUGA	21
A-miRNA#4130	>mmu-miR-5616-3p MIMAT0022360	AACUUGUGAUGAGGUGAGACAG	22
A-miRNA#4131	>mmu-miR-5617-5p MIMAT0022361	GUAAGUGAGGGCAAGCCUUCUGG	23
A-miRNA#4132	>mmu-miR-5617-3p MIMAT0022362	CAGGCGGCCUCAGCUCUCACU	21
A-miRNA#4133	>mmu-miR-5618-5p MIMAT0022363	UACCCUUUACACCGUGUAGU	20
A-miRNA#4134	>mmu-miR-5618-3p MIMAT0022364	CUAUACCAUGUAAAGGGU	18
A-miRNA#4135	>mmu-miR-5619-5p MIMAT0022365	AGUCACUAAUGGCAUUUUUGU	21
A-miRNA#4136	>mmu-miR-5619-3p MIMAT0022366	CGAAAAGCUCAUUGGUGAUUUC	22
A-miRNA#4137	>mmu-miR-5620-5p MIMAT0022367	ACGAGGCAGGGGCUUUGACUGUG	23
A-miRNA#4138	>mmu-miR-5620-3p MIMAT0022368	ACAGUCAUCCCCUGCCUCAC	21
A-miRNA#4139	>mmu-miR-5621-5p MIMAT0022369	AGGAGGUCCUGGGGCCGCCUGA	23
A-miRNA#4140	>mmu-miR-5621-3p MIMAT0022370	UGGGCCCUCCAGACCUCauc	21
A-miRNA#4141	>mmu-miR-5622-5p MIMAT0022371	UUCACCACACCAGCUUAAAGA	22
A-miRNA#4142	>mmu-miR-5622-3p MIMAT0022372	CUUAGCUGGGUAGUGGUGGUGC	22
A-miRNA#4143	>mmu-miR-5623-5p MIMAT0022373	UGGCAGCUGGCAAGUCAGAAUGCA	24
A-miRNA#4144	>mmu-miR-5623-3p MIMAT0022374	GUUCUGGCUUUCAGCUGUCACC	22
A-miRNA#4145	>mmu-miR-3073b-5p MIMAT0022375	AUGGUCACAGUGGACAUCAACC	22
A-miRNA#4146	>mmu-miR-3073b-3p MIMAT0022376	CUGGCGCCAACUGUGACCACUG	22
A-miRNA#4147	>mmu-miR-5624-5p MIMAT0022377	UAUUGUAAACUCUGCCUU	18
A-miRNA#4148	>mmu-miR-5624-3p MIMAT0022378	UUAAGGCAGAGUUUACAAUAGG	22
A-miRNA#4149	>mmu-miR-5625-5p MIMAT0022379	CCCGGAAGUUCUUGAGUAGGA	21
A-miRNA#4150	>mmu-miR-5625-3p MIMAT0022380	CUGAUUCAAGUGGUCUCUGUGUCC	25
A-miRNA#4151	>mmu-miR-5626-5p MIMAT0022381	GCCCCAUCGAUUAACUGCUUCC	22
A-miRNA#4152	>mmu-miR-5626-3p MIMAT0022382	CAGCAGUUGAGUGAUGUGACAC	22
A-miRNA#4153	>mmu-miR-344h-5p MIMAT0022383	CAGGCUUCUGGCUAUAUUCC	20
A-miRNA#4154	>mmu-miR-344h-3p MIMAT0022384	GGUAUAACCAAAGCCCGACUGU	22
A-miRNA#4155	>mmu-miR-5627-5p MIMAT0022385	AGAGGGUGCGCCGGGCCUGCG	22
A-miRNA#4156	>mmu-miR-5627-3p MIMAT0022386	ACAGGGCUCUCCGGCGCCCCUCGU	24
A-miRNA#4157	>mmu-miR-344i MIMAT0022503	AAGUCAGGCUCCUGGCUGGA	20
A-miRNA#4158	>mmu-miR-5709 MIMAT0022504	AUACGCACACUUAAGACUUUAG	22
A-miRNA#4159	>mmu-miR-5710 MIMAT0022505	UCUUGGGACAUAGUGUAAGGCA	22
A-miRNA#4160	>mmu-miR-6236 MIMAT0024857	GCCGUCGCCGCAGUCAGG	19
A-miRNA#4161	>mmu-miR-6237 MIMAT0024858	UUAAGGAUUGGGUCUUGGAAUUC	23
A-miRNA#4162	>mmu-miR-6238 MIMAT0024859	UUAUUAAGUCAGUGGAGGAAAUG	22
A-miRNA#4163	>mmu-miR-6239 MIMAT0024860	UAGCGUUGGAUCACUCGGUG	20
A-miRNA#4164	>mmu-miR-6240 MIMAT0024861	CCAAAGCAUCGCGAAGGCCACGGCG	26
A-miRNA#4165	>mmu-miR-6241 MIMAT0024862	CACGGCGGCUGGAAUUCCC	19
A-miRNA#4166	>mmu-miR-6243 MIMAT0024863	ACCAUCUGUGGGAAUUAUGACUGAACG	26
A-miRNA#4167	>mmu-miR-6244 MIMAT0024864	GGGGGCGUGGAAUUAUCGGGU	21
A-miRNA#4168	>mmu-miR-195b MIMAT0025076	UAGCAGCACAGAAUAGUAGAA	22
A-miRNA#4169	>mmu-miR-6335 MIMAT0025077	CUGCAUACACAGUGAUAUUCUG	22

A-miRNA#4170	>mmu-miR-133c MIMAT0025078	UUUGGUCCCCUUAAGGAGUCAG	23
A-miRNA#4171	>mmu-miR-6336 MIMAT0025079	UCUCGGAUUUAGUAAGAGAUC	21
A-miRNA#4172	>mmu-miR-6337 MIMAT0025080	UGAGGGCUGCUGGGUUGCUAGGU	23
A-miRNA#4173	>mmu-miR-6338 MIMAT0025081	CUGGUUUCUCUCAUUUGUGCU	21
A-miRNA#4174	>mmu-miR-6339 MIMAT0025082	GAUGCCUUUGUCCUCAGUGUUAG	23
A-miRNA#4175	>mmu-miR-6340 MIMAT0025083	GUCAGCAGCAGCUUCGCUUUGGC	23
A-miRNA#4176	>mmu-miR-6341 MIMAT0025084	CAGUGCAAUGAUAUUGUCACUAU	23
A-miRNA#4177	>mmu-miR-6342 MIMAT0025085	CAGCAGCAAUCUGGUCUUUGAG	22
A-miRNA#4178	>mmu-miR-6343 MIMAT0025086	UGUAAAGUAGGAGCUGACUGAC	22
A-miRNA#4179	>mmu-miR-6344 MIMAT0025087	GUUUUCCUACUGUUUCCCUUUU	22
A-miRNA#4180	>mmu-miR-6345 MIMAT0025088	UAGCACUGCUCAGGGUGAACU	21
A-miRNA#4181	>mmu-miR-6346 MIMAT0025089	UAGCAGGUGUCUGCAAUGCCAA	22
A-miRNA#4182	>mmu-miR-6347 MIMAT0025090	CAGUGCGGCUGGCUGGAGAUGC	22
A-miRNA#4183	>mmu-miR-6348 MIMAT0025091	UCAGCCUUUAUAAGGUGUGUGU	22
A-miRNA#4184	>mmu-miR-6349 MIMAT0025092	UGGAAUGUGGGAGGGGCAUGCG	22
A-miRNA#4185	>mmu-miR-6350 MIMAT0025093	UAGCAGGUGCAUUAUAAAUAU	21
A-miRNA#4186	>mmu-miR-6351 MIMAT0025094	UAGCGUUGCUCAGGGAGCACAUG	23
A-miRNA#4187	>mmu-miR-6352 MIMAT0025095	UUUGGGAAAAGGACCCCAGCUC	22
A-miRNA#4188	>mmu-miR-6353 MIMAT0025096	UAGCAGCACGUAUUUAUCCUAUU	23
A-miRNA#4189	>mmu-miR-6354 MIMAT0025097	UGCCCUGGGGAUCAGGUCUCU	21
A-miRNA#4190	>mmu-miR-6355 MIMAT0025098	CACAAUGCUCCAAUGUGAUAU	21
A-miRNA#4191	>mmu-miR-6356 MIMAT0025099	UCCCCAGAGUCCUAACAAUGA	21
A-miRNA#4192	>mmu-miR-6357 MIMAT0025100	UAGCACUGCUCAGGGCUUUCAGG	23
A-miRNA#4193	>mmu-miR-6358 MIMAT0025101	CAGUGUGGCAGUAUACAGCUAUA	23
A-miRNA#4194	>mmu-miR-6359 MIMAT0025102	CGAUGUUGCCCAGGGUCAGAA	21
A-miRNA#4195	>mmu-miR-6360 MIMAT0025103	UAGUGUUGCUCAGGCAGCAGGA	22
A-miRNA#4196	>mmu-miR-6361 MIMAT0025104	UGGCUCAGCAGUCACCCUGUGAC	23
A-miRNA#4197	>mmu-miR-145b MIMAT0025105	GUCCAGUUUCCCAGGAGACU	21
A-miRNA#4198	>mmu-miR-6362 MIMAT0025106	GUGGGCAUCUAGGCUAGUUCUG	22
A-miRNA#4199	>mmu-miR-6363 MIMAT0025107	UGUAGACUGGACUGUCCUCAA	22
A-miRNA#4200	>mmu-miR-6364 MIMAT0025108	UCGAUCCCCAGCACUCCUGUGA	22
A-miRNA#4201	>mmu-miR-6365 MIMAT0025109	UUAGCCUUUAUAUAUUUGUUG	22
A-miRNA#4202	>mmu-miR-6366 MIMAT0025110	AGCUAAGGGGCCCGGGGAGCCA	22
A-miRNA#4203	>mmu-miR-6367 MIMAT0025111	UCCCUGAGACCCUGGUUCAGGA	22
A-miRNA#4204	>mmu-miR-6368 MIMAT0025112	CUGGGAAGCAGUGGAGGGGAG	21
A-miRNA#4205	>mmu-miR-6369 MIMAT0025113	UGGCUCAGUUCAGUGUUGGUGAG	23
A-miRNA#4206	>mmu-miR-6370 MIMAT0025114	GCAGGAACAGCAAAGGGGAAG	21
A-miRNA#4207	>mmu-miR-6371 MIMAT0025115	UUCAAGUGGCUUGAAGCUCUUCU	23
A-miRNA#4208	>mmu-miR-6372 MIMAT0025116	AGAACUGGGGAAACUCCAGCCU	23
A-miRNA#4209	>mmu-miR-6373 MIMAT0025117	UAUGGGAAUAUCUAGGAGGUGA	22
A-miRNA#4210	>mmu-miR-6374 MIMAT0025118	AAGUUAUAAGCUAGUUGGUGCU	22
A-miRNA#4211	>mmu-miR-6375 MIMAT0025119	GAAUUGGCUGACUGUAUUCCAA	23
A-miRNA#4212	>mmu-miR-6376 MIMAT0025120	CAGUGUGGCCAAUUGGAGAUUA	22
A-miRNA#4213	>mmu-miR-21b MIMAT0025121	UAGUUUAUCAGACUGAUUUUCC	23
A-miRNA#4214	>mmu-miR-6377 MIMAT0025122	UCAUUUGUCUUCGUGUCUGCAUC	23
A-miRNA#4215	>mmu-let-7j MIMAT0025123	UGAGGUAAUAGUUUGUGCUGUUAU	24
A-miRNA#4216	>mmu-miR-6378 MIMAT0025124	UGGUUCACGGGAGGACACACGC	22

A-miRNA#4217	>mmu-miR-6379 MIMAT0025125	UCCUGGAGUUUUACAGCUAGA	22
A-miRNA#4218	>mmu-miR-6380 MIMAT0025126	UGUAAGUGCUUUUAACUGCUGAGC	24
A-miRNA#4219	>mmu-miR-6381 MIMAT0025127	CAGGAUGCUGGUGACAUGAGU	21
A-miRNA#4220	>mmu-miR-6382 MIMAT0025128	UGGAAUGUAAAGAGAGCACACAAG	24
A-miRNA#4221	>mmu-miR-6383 MIMAT0025129	UAAAGUGCUGUGUCACGGACA	21
A-miRNA#4222	>mmu-miR-6384 MIMAT0025130	GCUUUCUACUGUUUCCUG	20
A-miRNA#4223	>mmu-miR-6385 MIMAT0025131	GCAAGGAUGACAGAGAGGAAG	21
A-miRNA#4224	>mmu-miR-130c MIMAT0025132	CAGUGCAAUGUCCAAGGUGUG	22
A-miRNA#4225	>mmu-miR-6386 MIMAT0025133	CAUGCCUAGGGUGGAUGCAAGU	24
A-miRNA#4226	>mmu-miR-6387 MIMAT0025134	UGGAAUGGCUUCCCUUGUGUAU	22
A-miRNA#4227	>mmu-miR-6388 MIMAT0025135	UGCAGAUGGCACAGUGAGGCC	21
A-miRNA#4228	>mmu-miR-5124b MIMAT0025136	UGGCUCAGUGACUAAGAAGCA	21
A-miRNA#4229	>mmu-miR-6389 MIMAT0025137	CAGUGCAAUGUUAACUUUGC	21
A-miRNA#4230	>mmu-miR-378c MIMAT0025138	ACUGGACUUGGAGUCAGAAGC	21
A-miRNA#4231	>mmu-miR-6390 MIMAT0025139	GAAUUGAUCAGGAUGUAACCA	21
A-miRNA#4232	>mmu-miR-6391 MIMAT0025140	UGAGGCACGGGAGGACAAUGU	21
A-miRNA#4233	>mmu-miR-6392-5p MIMAT0025141	UCUGGCGCCUGGUCCUGUCAGC	23
A-miRNA#4234	>mmu-miR-6392-3p MIMAT0025142	GACGCAGGUUUGCCGGGUCCUCU	23
A-miRNA#4235	>mmu-miR-6393 MIMAT0025143	CUGCCCACGAAGCACACUGAGU	22
A-miRNA#4236	>mmu-miR-6394 MIMAT0025144	UCCUGAGUGGGGCCAGGUCU	21
A-miRNA#4237	>mmu-miR-1957b MIMAT0025145	UGGAAUGUAAACUCAGUGGUUAU	21
A-miRNA#4238	>mmu-miR-6395 MIMAT0025146	CUGGCCUCUCUGCCUGUUUA	22
A-miRNA#4239	>mmu-miR-6396 MIMAT0025147	GGGGCCUAGCUCCUAGUCCUGGA	24
A-miRNA#4240	>mmu-miR-21c MIMAT0025148	UAGCUUAUCAGACUGGUACAA	21
A-miRNA#4241	>mmu-miR-6397 MIMAT0025149	UGGAGACUUUCAGUGGAGUGA	21
A-miRNA#4242	>mmu-miR-6398 MIMAT0025150	GUCAAUGAACCUCAGGUAAGG	21
A-miRNA#4243	>mmu-miR-6399 MIMAT0025151	UUGCAAUGAUGGUAUUCUGAGG	22
A-miRNA#4244	>mmu-miR-6400 MIMAT0025152	UUCUUGCUGCUUGGUGCUCGC	21
A-miRNA#4245	>mmu-miR-6401 MIMAT0025153	UUACACUCCAGUGGUGUCGGGU	22
A-miRNA#4246	>mmu-miR-6402 MIMAT0025154	GAGCAGUUUCCCAGGAACCCGC	23
A-miRNA#4247	>mmu-miR-6403 MIMAT0025155	GCAAAGGCGCUGUUUCCAGUG	22
A-miRNA#4248	>mmu-miR-6404 MIMAT0025156	GUGGGAAGUGACAAGGGGUAG	21
A-miRNA#4249	>mmu-miR-6405 MIMAT0025157	GUGGGAAGCAGUGGGAAGCAGUG	23
A-miRNA#4250	>mmu-miR-496b MIMAT0025158	CAACAUGGCCAAUCCUUUCAU	22
A-miRNA#4251	>mmu-miR-6406 MIMAT0025159	CGCGACCUCAGGCUGACUCAUG	22
A-miRNA#4252	>mmu-miR-6407 MIMAT0025160	UGGCUGUCCUGACAGGGCAAGU	23
A-miRNA#4253	>mmu-miR-6408 MIMAT0025161	CACAUGGGCUUGCAUGGGAUGGUC	24
A-miRNA#4254	>mmu-miR-6409 MIMAT0025162	UGCGGGUGAGGAUGUGUGCUCCU	23
A-miRNA#4255	>mmu-miR-6410 MIMAT0025163	UGGCUCAGGGACUACUCUGUGC	22
A-miRNA#4256	>mmu-miR-6411 MIMAT0025164	UAGCAUGUGUAGUACAUAUUG	21
A-miRNA#4257	>mmu-miR-6412 MIMAT0025165	UCGAAACCAUCCUCAGCUACUA	22
A-miRNA#4258	>mmu-miR-6413 MIMAT0025166	UGGCUCAGAAGAGCAGGUAGU	21
A-miRNA#4259	>mmu-miR-378d MIMAT0025167	ACUGGCCUUGGAGUCAGAAGGU	22
A-miRNA#4260	>mmu-miR-6414 MIMAT0025168	CUAAGUUCUGAGCUGAGUCUUG	22
A-miRNA#4261	>mmu-miR-6415 MIMAT0025169	GAGCUUUUGAGGGCCCAUGCA	22
A-miRNA#4262	>mmu-miR-6416-5p MIMAT0025170	CUCCGUAUCAUCUGCUCUUCU	21
A-miRNA#4263	>mmu-miR-6416-3p MIMAT0025171	GCAAAGAGCAGCAAAGGAAG	21

A-miRNA#4264	>mmu-miR-6417 MIMAT0025172	UAGCAAACGACAGCUAGCCACA	22
A-miRNA#4265	>mmu-miR-6418-5p MIMAT0025173	UCAGGGGAAGGGAAGAGAUGC	21
A-miRNA#4266	>mmu-miR-6418-3p MIMAT0025174	ACUGCAACCUCCUUCUCCAGG	22
A-miRNA#4267	>mmu-miR-6419 MIMAT0025175	CAGCAGCAAUCUGACACAUGGA	22
A-miRNA#4268	>mmu-miR-6420 MIMAT0025176	ACUAAUCCUAUAAAAUCAAC	21
A-miRNA#4269	>mmu-miR-873b MIMAT0025177	ACAAGUCCUGCAA AUGCACAC	22
A-miRNA#4270	>mmu-miR-451b MIMAT0025178	UGGGAGCAGCAAGAGAACCGU	21
A-miRNA#4271	>mmu-miR-30f MIMAT0025179	GUAAACAUCCGACUGAAAGCUC	22
A-miRNA#4272	>mmu-let-7k MIMAT0025580	UGAGGUAGGAGGUUGUGUG	19
A-miRNA#4273	>mmu-miR-6537-5p MIMAT0025581	GUGAGUUUCUCCCACUGGUGAC	22
A-miRNA#4274	>mmu-miR-6537-3p MIMAT0025582	UUAUCAGGUGGAAGAACUCAGCU	23
A-miRNA#4275	>mmu-miR-6538 MIMAT0025583	CGCGGGCUCCGGGGCGGCG	19
A-miRNA#4276	>mmu-miR-6539 MIMAT0025584	GCACAGUGAUGAACUCUGAGGGCU	24
A-miRNA#4277	>mmu-miR-6540-5p MIMAT0025585	CUAAGGCAGGCAGACUUCAGUG	22
A-miRNA#4278	>mmu-miR-6540-3p MIMAT0025586	UCUGAAGCUUGCUUACCUCCA	21
A-miRNA#4279	>mmu-miR-3473e MIMAT0025587	GGGCU GGAGAGAU GGCUCGUA	21
A-miRNA#4280	>mmu-miR-6541 MIMAT0025588	CACAGGCAAGGACUUCUCAAG	21