

miRNA	ProbeID	GeneSymbol	Pvalue
mmu.miR.20b	ILMN_2522023	Tusc2	3.77E-229
mmu.miR.93	ILMN_2834451	Tusc2	6.81E-228
mmu.miR.340.5p	ILMN_2630512	Rsrc1	9.18E-221
mmu.miR.20b	ILMN_2812164	Irak4	1.10E-198
mmu.miR.27a	ILMN_2630512	Rsrc1	9.18E-191
mmu.miR.17	ILMN_2812164	Irak4	1.75E-189
mmu.miR.705	ILMN_1222333	Slc2a4	8.52E-174
mmu.miR.27a	ILMN_1227993	Vav3	1.27E-161
mmu.miR.339.5p	ILMN_1227610	Rcan3	4.23E-152
mmu.miR.290.3p	ILMN_1242945	Ptpn3	1.54E-149
mmu.miR.881	ILMN_1224022	E130308A19Rik	2.43E-140
mmu.miR.23a	ILMN_2834451	Tusc2	8.92E-132
mmu.miR.146a	ILMN_2630512	Rsrc1	2.20E-131
mmu.miR.186	ILMN_2630512	Rsrc1	3.19E-131
mmu.miR.23b	ILMN_2834451	Tusc2	5.45E-128
mmu.miR.466m.3p	ILMN_2672289	Ptpn3	9.58E-127
mmu.miR.23b	ILMN_2522023	Tusc2	4.22E-125
mmu.miR.200c	ILMN_3060538	E130308A19Rik	6.14E-125
mmu.miR.290.3p	ILMN_2885922	Ptpn3	6.38E-116
mmu.miR.338.3p	ILMN_1222226	Vav3	5.98E-109
mmu.miR.691	ILMN_1227993	Vav3	1.00E-106
mmu.miR.340.5p	ILMN_1227993	Vav3	3.17E-96
mmu.miR.1839.3p	ILMN_1219661	Cog6	2.55E-92
mmu.miR.351	ILMN_2672289	Ptpn3	9.69E-85
mmu.miR.17	ILMN_2522023	Tusc2	2.41E-83
mmu.miR.93	ILMN_2522023	Tusc2	1.37E-82
mmu.miR.709	ILMN_2748336	Elf2	8.42E-79
mmu.miR.181a	ILMN_1242555	Asxl3	1.39E-74
mmu.miR.106a	ILMN_2834451	Tusc2	1.53E-60
mmu.miR.27a	ILMN_1222226	Vav3	2.02E-59
mmu.miR.29a	ILMN_2748336	Elf2	2.82E-58
mmu.miR.194	ILMN_2658067	1700001L19Rik	2.33E-56
mmu.miR.93	ILMN_1219661	Cog6	7.20E-56
mmu.miR.92b	ILMN_2660650	Kif5b	7.31E-54
mmu.miR.93	ILMN_1227610	Rcan3	6.72E-53
mmu.miR.664	ILMN_2707694	D10Wsu102e	1.30E-52
mmu.miR.30e	ILMN_2637156	Fpgt	7.35E-52
mmu.miR.27b	ILMN_3060538	E130308A19Rik	1.43E-51
mmu.miR.322	ILMN_2672289	Ptpn3	4.42E-49
mmu.miR.342.3p	ILMN_2630512	Rsrc1	7.73E-49
mmu.miR.181a	ILMN_1240804	Asxl3	1.65E-47
mmu.let.7b	ILMN_2973115	Ngly1	1.12E-46
mmu.miR.881	ILMN_3060538	E130308A19Rik	1.47E-46
mmu.miR.1892	ILMN_1242945	Ptpn3	6.86E-46
mmu.miR.487b	ILMN_1219661	Cog6	2.28E-44
mmu.miR.27b	ILMN_1224022	E130308A19Rik	1.02E-42
mmu.miR.20b	ILMN_1227610	Rcan3	1.68E-41
mmu.miR.290.3p	ILMN_2672289	Ptpn3	3.16E-41

mmu.miR.20b	ILMN_2658067	1700001L19Rik	8.37E-38
mmu.miR.3474	ILMN_2522023	Tusc2	1.62E-36
mmu.miR.329	ILMN_1242555	Asxl3	4.13E-36
mmu.miR.1196	ILMN_1257394	Rundc1	4.63E-36
mmu.miR.351	ILMN_1242945	Ptpn3	1.11E-35
mmu.miR.142.5p	ILMN_3060538	E130308A19Rik	4.84E-35
mmu.miR.93	ILMN_1257394	Rundc1	4.26E-34
mmu.miR.196b	ILMN_2973115	Ngly1	5.55E-34
mmu.miR.20a	ILMN_1257394	Rundc1	7.24E-34
mmu.miR.20a	ILMN_1227610	Rcan3	1.08E-32
mmu.miR.142.5p	ILMN_1224022	E130308A19Rik	7.34E-32
mmu.miR.1186	ILMN_2834451	Tusc2	1.08E-31
mmu.let.7f	ILMN_1226152	Alkbh4	6.76E-31
mmu.miR.337.3p	ILMN_3096144	Stat3	1.15E-30
mmu.miR.340.5p	ILMN_3060538	E130308A19Rik	1.72E-29
mmu.miR.466i.3p	ILMN_1227993	Vav3	1.27E-28
mmu.miR.3103	ILMN_2748336	Elf2	1.30E-28
mmu.miR.1264.3p	ILMN_1214142	Hcrr2	1.92E-28
mmu.miR.145	ILMN_1235783	Acbd3	2.14E-28
mmu.miR.326	ILMN_1231408	Ngfr	2.42E-27
mmu.miR.1192	ILMN_3060538	E130308A19Rik	3.93E-27
mmu.miR.103	ILMN_1235783	Acbd3	2.98E-26
mmu.miR.466m.3p	ILMN_1227993	Vav3	6.77E-26
mmu.miR.1192	ILMN_3096144	Stat3	1.53E-24
mmu.miR.31	ILMN_2637156	Fpgt	4.55E-24
mmu.miR.195	ILMN_1242945	Ptpn3	4.61E-24
mmu.let.7g	ILMN_1226152	Alkbh4	8.02E-24
mmu.miR.1192	ILMN_2637156	Fpgt	9.13E-24
mmu.miR.106a	ILMN_1227610	Rcan3	1.07E-23
mmu.miR.3069.5p	ILMN_2658067	1700001L19Rik	1.15E-23
mmu.miR.142.5p	ILMN_2486600	2810008M24Rik	2.02E-23
mmu.miR.186	ILMN_1227610	Rcan3	2.40E-23
mmu.miR.669h.3p	ILMN_2748336	Elf2	9.70E-23
mmu.miR.339.5p	ILMN_2707694	D10Wsu102e	1.26E-22
mmu.miR.691	ILMN_2707694	D10Wsu102e	2.31E-22
mmu.miR.194	ILMN_1235783	Acbd3	5.23E-22
mmu.miR.106b	ILMN_1220401	Gtf2h2	8.33E-22
mmu.miR.92b	ILMN_1235783	Acbd3	3.86E-21
mmu.miR.335.3p	ILMN_2660650	Kif5b	4.14E-21
mmu.miR.133b	ILMN_2637156	Fpgt	4.40E-21
mmu.miR.20a	ILMN_1220401	Gtf2h2	1.68E-20
mmu.miR.466m.3p	ILMN_2885922	Ptpn3	1.47E-19
mmu.miR.181b	ILMN_1250088	4921524J17Rik	1.79E-19
mmu.miR.29b	ILMN_2748336	Elf2	2.44E-19
mmu.miR.30b	ILMN_3002943	Tmed10	2.76E-19
mmu.miR.200c	ILMN_1224022	E130308A19Rik	5.77E-19
mmu.miR.195	ILMN_2672289	Ptpn3	8.32E-19
mmu.miR.322	ILMN_2885922	Ptpn3	8.89E-19
mmu.miR.106b	ILMN_1227610	Rcan3	1.45E-18

mmu.miR.20a	ILMN_1250241	Csmd3	1.58E-18
mmu.miR.669i	ILMN_2748336	Elf2	6.34E-18
mmu.miR.466a.5p	ILMN_2486600	2810008M24Rik	1.57E-17
mmu.miR.155	ILMN_1235783	Acbd3	1.58E-17
mmu.miR.224	ILMN_1250088	4921524J17Rik	1.96E-17
mmu.miR.98	ILMN_2973115	Ngly1	2.88E-17
mmu.miR.106b	ILMN_2910295	Crim1	1.02E-16
mmu.miR.133a	ILMN_2637156	Fpgt	1.81E-16
mmu.miR.106b	ILMN_2812164	Irak4	1.91E-16
mmu.miR.770.3p	ILMN_1239921	Man1b1	4.87E-16
mmu.miR.302a	ILMN_1222333	Slc2a4	1.37E-15
mmu.miR.329	ILMN_1242945	Ptpn3	1.38E-15
mmu.miR.1892	ILMN_2658067	1700001L19Rik	1.91E-15
mmu.miR.5097	ILMN_3060538	E130308A19Rik	2.03E-15
mmu.miR.5097	ILMN_1224022	E130308A19Rik	4.41E-15
mmu.miR.142.5p	ILMN_1227993	Vav3	1.00E-14
mmu.miR.20b	ILMN_1220401	Gtf2h2	2.34E-14
mmu.miR.1192	ILMN_2486600	2810008M24Rik	3.56E-14
mmu.miR.337.3p	ILMN_2640441	Hdac2	4.46E-14
mmu.miR.15b	ILMN_2885922	Ptpn3	6.72E-14
mmu.miR.466d.5p	ILMN_1238878	Heph1	9.39E-14
mmu.miR.709	ILMN_2626318	Elf2	1.01E-13
mmu.miR.106b	ILMN_2619136	Pthlh	1.15E-13
mmu.miR.15b	ILMN_2672289	Ptpn3	1.75E-13
mmu.miR.3072	ILMN_2885922	Ptpn3	1.76E-13
mmu.miR.106b	ILMN_1219661	Cog6	1.85E-13
mmu.miR.125a.5p	ILMN_1231408	Ngfr	2.15E-13
mmu.miR.125b.5p	ILMN_1231408	Ngfr	2.16E-13
mmu.miR.142.5p	ILMN_2950721	2810008M24Rik	2.44E-13
mmu.miR.93	ILMN_2910295	Crim1	2.74E-13
mmu.miR.770.3p	ILMN_1241611	Zfp39	2.81E-13
mmu.miR.30c	ILMN_1252111	Arl6ip5	2.42E-12
mmu.miR.20b	ILMN_2714565	Rrm2	3.99E-12
mmu.miR.20b	ILMN_2619136	Pthlh	4.76E-12
mmu.miR.3098.3p	ILMN_2524276	6430704M03Rik	5.30E-12
mmu.miR.17	ILMN_2714565	Rrm2	5.86E-12
mmu.miR.1192	ILMN_2950721	2810008M24Rik	6.35E-12
mmu.miR.207	ILMN_2524276	6430704M03Rik	9.61E-12
mmu.miR.122	ILMN_2624544	Helb	1.16E-11
mmu.miR.429	ILMN_2707694	D10Wsu102e	1.29E-11
mmu.miR.3084	ILMN_2524276	6430704M03Rik	1.78E-11
mmu.miR.429	ILMN_1257394	Rundc1	4.18E-11
mmu.miR.466a.5p	ILMN_1242007	Gtf2h2	1.39E-10
mmu.miR.30d	ILMN_1252111	Arl6ip5	1.60E-10
mmu.miR.29c	ILMN_2748336	Elf2	1.98E-10
mmu.miR.691	ILMN_2669991	Tmem135	2.66E-10
mmu.miR.125a.3p	ILMN_1239801	Irf2bp2	3.69E-10
mmu.miR.30e	ILMN_1252111	Arl6ip5	3.92E-10
mmu.miR.1192	ILMN_1224022	E130308A19Rik	5.00E-10

mmu.miR.29a	ILMN_2626318	Elf2	5.30E-10
mmu.miR.706	ILMN_1240804	Asxl3	6.98E-10
mmu.miR.710	ILMN_2662456	Ppm1l	7.14E-10
mmu.miR.467h	ILMN_1241611	Zfp39	8.59E-10
mmu.miR.2861	ILMN_1237974	Kcng3	9.20E-10
mmu.miR.101b	ILMN_2464898	Amz2	9.56E-10
mmu.miR.31	ILMN_1222333	Slc2a4	9.67E-10
mmu.miR.20a	ILMN_2653633	Csmd3	2.03E-09
mmu.miR.466f	ILMN_1238878	Hephl1	2.84E-09
mmu.miR.149	ILMN_2524276	6430704M03Rik	2.93E-09
mmu.miR.351	ILMN_2885922	Ptpn3	4.41E-09
mmu.miR.706	ILMN_1217023	Asxl3	5.38E-09
mmu.miR.329	ILMN_2885922	Ptpn3	5.73E-09
mmu.miR.3072	ILMN_1238878	Hephl1	7.13E-09
mmu.miR.669n	ILMN_2662456	Ppm1l	7.53E-09
mmu.miR.532.3p	ILMN_2834451	Tusc2	7.66E-09
mmu.miR.195	ILMN_1236150	Ap3b1	8.38E-09
mmu.miR.337.3p	ILMN_1231408	Ngfr	8.45E-09
mmu.miR.92b	ILMN_2653633	Csmd3	9.16E-09
mmu.miR.877	ILMN_2812164	Irak4	9.81E-09
mmu.miR.762	ILMN_1247131	2310044H10Rik	1.06E-08
mmu.miR.335.3p	ILMN_1237003	Slu7	1.11E-08
mmu.miR.30d	ILMN_1239921	Man1b1	1.11E-08
mmu.miR.875.3p	ILMN_1250088	4921524J17Rik	1.62E-08
mmu.let.7e	ILMN_2973115	Ngly1	1.72E-08
mmu.miR.762	ILMN_2619922	Phkg2	1.88E-08
mmu.miR.144	ILMN_2619136	Pthlh	2.25E-08
mmu.miR.497	ILMN_1236150	Ap3b1	2.30E-08
mmu.miR.3102	ILMN_1250088	4921524J17Rik	2.99E-08
mmu.miR.337.3p	ILMN_2589790	Stat3	3.04E-08
mmu.miR.335.3p	ILMN_1242555	Asxl3	4.76E-08
mmu.miR.20a	ILMN_1239801	Irf2bp2	5.00E-08
mmu.miR.186	ILMN_2950721	2810008M24Rik	5.14E-08
mmu.miR.20b	ILMN_2732695	Rcan3	5.48E-08
mmu.miR.20a	ILMN_1241630	Spinlw1	6.59E-08
mmu.miR.2183	ILMN_2733843	Dmrt1	6.66E-08
mmu.miR.1894.3p	ILMN_1227610	Rcan3	7.53E-08
mmu.miR.30a	ILMN_2761152	Ptpn13	9.40E-08
mmu.miR.30e	ILMN_1216110	Slc35d3	1.13E-07
mmu.miR.338.5p	ILMN_1216110	Slc35d3	1.16E-07
mmu.miR.34b.5p	ILMN_2950721	2810008M24Rik	1.25E-07
mmu.miR.3069.5p	ILMN_2662456	Ppm1l	1.38E-07
mmu.miR.30e	ILMN_1239921	Man1b1	1.68E-07
mmu.miR.335.3p	ILMN_1220401	Gtf2h2	1.74E-07
mmu.miR.1903	ILMN_1237974	Kcng3	1.93E-07
mmu.miR.322	ILMN_1242945	Ptpn3	2.29E-07
mmu.miR.106a	ILMN_1219661	Cog6	2.32E-07
mmu.miR.223	ILMN_2950721	2810008M24Rik	2.58E-07
mmu.miR.125a.5p	ILMN_1260455	Lhx3	2.65E-07

mmu.miR.194	ILMN_1224792	Sltn	2.93E-07
mmu.miR.106b	ILMN_1249922	Ppp1r3e	3.30E-07
mmu.miR.290.3p	ILMN_1237917	Sparcl1	3.39E-07
mmu.miR.101b	ILMN_2466926	Zfp235	3.51E-07
mmu.miR.150	ILMN_2683528	Gdpd1	3.51E-07
mmu.miR.200a	ILMN_1227250	Specc1l	3.82E-07
mmu.miR.125b.5p	ILMN_1233160	Triap1	3.85E-07
mmu.miR.466i.5p	ILMN_1231553	Bdh1	4.08E-07
mmu.miR.5097	ILMN_1220401	Gtf2h2	4.81E-07
mmu.miR.1958	ILMN_1254558	Rab23	5.35E-07
mmu.miR.1929	ILMN_1257394	Rundc1	5.42E-07
mmu.miR.15a	ILMN_1236150	Ap3b1	7.15E-07
mmu.let.7c	ILMN_2973115	Ngly1	7.34E-07
mmu.miR.882	ILMN_1231408	Ngfr	8.19E-07
mmu.miR.712	ILMN_1238614	Hsd17b10	1.06E-06
mmu.miR.17	ILMN_2910295	Crim1	1.30E-06
mmu.miR.20b	ILMN_1219661	Cog6	1.53E-06
mmu.miR.3474	ILMN_2895364	Ext2	1.62E-06
mmu.miR.712	ILMN_2707694	D10Wsu102e	1.66E-06
mmu.miR.883a.5p	ILMN_2466926	Zfp235	1.70E-06
mmu.miR.3096.3p	ILMN_2658067	1700001L19Rik	1.78E-06
mmu.miR.186	ILMN_1224213	Gal3st3	1.92E-06
mmu.miR.429	ILMN_1224022	E130308A19Rik	2.30E-06
mmu.miR.762	ILMN_2687372	Hectd3	2.33E-06
mmu.miR.669n	ILMN_2863060	Ccdc109a	2.56E-06
mmu.miR.93	ILMN_2974945	Cog6	2.68E-06
mmu.miR.466m.3p	ILMN_1219661	Cog6	2.70E-06
mmu.miR.30b	ILMN_2537125	Dock7	2.73E-06
mmu.miR.374	ILMN_1214142	Hcrtr2	2.89E-06
mmu.miR.374	ILMN_3132318	Rgs3	2.96E-06
mmu.miR.23a	ILMN_2522023	Tusc2	3.15E-06
mmu.miR.125b.5p	ILMN_1260455	Lhx3	3.24E-06
mmu.miR.709	ILMN_1251296	Elf2	3.33E-06
mmu.miR.150	ILMN_2466926	Zfp235	3.54E-06
mmu.miR.20a	ILMN_1245103	G6pc	3.80E-06
mmu.miR.10b	ILMN_2532423	1700039E15Rik	4.24E-06
mmu.miR.325	ILMN_3102085	Plekha4	4.33E-06
mmu.miR.340.5p	ILMN_2637156	Fpgt	4.58E-06
mmu.miR.25	ILMN_2660650	Kif5b	5.25E-06
mmu.miR.126.5p	ILMN_2610679	Rgs3	5.59E-06
mmu.miR.762	ILMN_2791059	Cltb	6.00E-06
mmu.miR.423.5p	ILMN_2734283	Slc25a44	6.62E-06
mmu.miR.762	ILMN_2767605	Lmo2	6.66E-06
mmu.miR.1958	ILMN_2464898	Amz2	6.79E-06
mmu.miR.497	ILMN_2610861	Ap3b1	7.06E-06
mmu.miR.126.5p	ILMN_3060966	Als2cr4	7.68E-06
mmu.miR.883b.5p	ILMN_1226962	1300010F03Rik	7.68E-06
mmu.miR.129.1.3p	ILMN_1249821	Ccdc47	8.33E-06
mmu.miR.142.5p	ILMN_2910295	Crim1	8.38E-06

mmu.miR.1839.3p	ILMN_2974945	Cog6	9.05E-06
mmu.miR.93	ILMN_2812164	Irak4	9.15E-06
mmu.miR.1958	ILMN_2643648	Dbc1	9.31E-06
mmu.miR.505.5p	ILMN_1243488	Abca3	1.02E-05
mmu.miR.1892	ILMN_2648746	Bckdk	1.08E-05
mmu.miR.1949	ILMN_3060538	E130308A19Rik	1.10E-05
mmu.miR.200b	ILMN_2819319	Rrm2	1.10E-05
mmu.miR.466e.5p	ILMN_1228567	Pknx2	1.11E-05
mmu.miR.374	ILMN_1239801	Irf2bp2	1.17E-05
mmu.miR.1894.3p	ILMN_2686348	Pknx2	1.18E-05
mmu.miR.101a	ILMN_2466926	Zfp235	1.23E-05
mmu.miR.497	ILMN_1238878	Heph1	1.28E-05
mmu.miR.1892	ILMN_1228567	Pknx2	1.31E-05
mmu.miR.351	ILMN_1233160	Triap1	1.38E-05
mmu.miR.186	ILMN_2669416	Mgst1	1.40E-05
mmu.let.7a	ILMN_2973115	Ngly1	1.42E-05
mmu.miR.466a.5p	ILMN_1228567	Pknx2	1.47E-05
mmu.miR.668	ILMN_1250088	4921524J17Rik	1.48E-05
mmu.miR.668	ILMN_3149680	Fbxl12	1.54E-05
mmu.miR.322	ILMN_2636143	lfnk	1.55E-05
mmu.miR.222	ILMN_3009184	Ap3b2	1.55E-05
mmu.miR.467e	ILMN_1232081	Cald1	1.62E-05
mmu.miR.3103	ILMN_2626318	Elf2	1.62E-05
mmu.miR.3072	ILMN_1242945	Ptpn3	1.67E-05
mmu.miR.17	ILMN_1250241	Csmd3	1.68E-05
mmu.miR.1958	ILMN_1224213	Gal3st3	1.74E-05
mmu.miR.875.3p	ILMN_3157399	Tead4	1.74E-05
mmu.miR.93	ILMN_1245103	G6pc	1.75E-05
mmu.miR.30b	ILMN_1252111	Arl6ip5	1.93E-05
mmu.miR.125a.3p	ILMN_1220547	Styx11	1.95E-05
mmu.miR.297c	ILMN_1250359	Ebag9	1.99E-05
mmu.miR.487b	ILMN_2974945	Cog6	2.03E-05
mmu.miR.669n	ILMN_1242390	Actn4	2.11E-05
mmu.miR.322	ILMN_2605756	Klc1	2.21E-05
mmu.miR.338.5p	ILMN_2777270	Pfdn4	2.29E-05
mmu.miR.29a	ILMN_2700797	Ppic	2.33E-05
mmu.miR.3082.5p	ILMN_3002943	Tmed10	2.46E-05
mmu.miR.677	ILMN_3001313	Trpc3	2.50E-05
mmu.miR.695	ILMN_2713491	Hist1h1e	2.51E-05
mmu.miR.20b	ILMN_1259672	Pdzd7	2.52E-05
mmu.miR.92b	ILMN_2628699	Vmn2r81	2.63E-05
mmu.miR.340.5p	ILMN_1222226	Vav3	2.67E-05
mmu.miR.693.5p	ILMN_2750062	Arhgap24	2.95E-05
mmu.miR.1894.3p	ILMN_2594672	Fads3	3.07E-05
mmu.miR.144	ILMN_2640441	Hdac2	3.09E-05
mmu.miR.762	ILMN_2725595	Thra	3.17E-05
mmu.miR.3095.3p	ILMN_1217023	Asxl3	3.31E-05
mmu.let.7a	ILMN_1226152	Alkbh4	3.44E-05
mmu.miR.152	ILMN_2662456	Ppm1l	4.08E-05

mmu.miR.677	ILMN_1255849	Zdhhc13	4.15E-05
mmu.miR.10b	ILMN_2740134	ldh3a	4.27E-05
mmu.miR.205	ILMN_1252111	Arl6ip5	4.53E-05
mmu.miR.1897.5p	ILMN_1231553	Bdh1	4.66E-05
mmu.miR.466a.5p	ILMN_1252745	Gtf2h2	4.75E-05
mmu.miR.1264.3p	ILMN_1215679	Ppp2r3c	4.91E-05
mmu.miR.875.3p	ILMN_1250241	Csmd3	5.05E-05
mmu.miR.196b	ILMN_1249821	Ccdc47	5.12E-05
mmu.miR.126.5p	ILMN_1236150	Ap3b1	5.28E-05
mmu.miR.20b	ILMN_2974945	Cog6	5.41E-05
mmu.miR.875.3p	ILMN_2653633	Csmd3	5.91E-05
mmu.miR.669n	ILMN_1214738	Snopc3	5.93E-05
mmu.miR.3082.5p	ILMN_2473337	Tmed10	6.37E-05
mmu.miR.126.5p	ILMN_2610861	Ap3b1	6.41E-05
mmu.miR.194	ILMN_1216110	Slc35d3	6.78E-05
mmu.miR.668	ILMN_2648746	Bckdk	7.26E-05
mmu.miR.335.3p	ILMN_2630512	Rsrc1	7.40E-05
mmu.miR.148b	ILMN_3158060	Epn2	7.85E-05
mmu.miR.466i.5p	ILMN_2792502	Il17d	8.37E-05
mmu.miR.374	ILMN_2524276	6430704M03Rik	8.44E-05
mmu.miR.101a	ILMN_1224792	Sltm	8.68E-05
mmu.miR.15b	ILMN_1242945	Ptpn3	8.80E-05
mmu.miR.1934	ILMN_2907721	Tmem17	8.88E-05
mmu.miR.122	ILMN_3129337	Slc25a34	9.28E-05
mmu.miR.34a	ILMN_2950721	2810008M24Rik	9.37E-05
mmu.miR.125a.5p	ILMN_2644175	P4ha3	9.45E-05
mmu.miR.497	ILMN_2672289	Ptpn3	9.65E-05
mmu.miR.142.3p	ILMN_2792502	Il17d	9.65E-05
mmu.miR.20a	ILMN_3096144	Stat3	0.000106623
mmu.miR.29c	ILMN_1217023	Asxl3	0.000109942
mmu.miR.762	ILMN_2783457	2310044H10Rik	0.000116808
mmu.miR.669c	ILMN_1250704	Rcsd1	0.000119022
mmu.miR.1934	ILMN_1218540	Ilvbl	0.000121799
mmu.miR.875.3p	ILMN_1241497	Alpi	0.000124208
mmu.miR.667	ILMN_2427705	Ak7	0.000127216
mmu.miR.20a	ILMN_1214708	Rab22a	0.000138101
mmu.miR.297a	ILMN_2750402	Nudt19	0.000139681
mmu.miR.425	ILMN_2629657	Csda	0.000144185
mmu.miR.200c	ILMN_2714565	Rrm2	0.000145786
mmu.miR.28	ILMN_3160881	Vrk3	0.000147837
mmu.miR.320	ILMN_2596459	Nipsnap3a	0.000151942
mmu.miR.3068	ILMN_1237995	Tacr3	0.000152887
mmu.miR.107	ILMN_1215679	Ppp2r3c	0.000159093
mmu.miR.669c	ILMN_1232081	Cald1	0.000160625
mmu.miR.122	ILMN_2813724	Bai2	0.00016633
mmu.miR.194	ILMN_1231805	Pik3r4	0.000172064
mmu.miR.466m.3p	ILMN_1222499	Slc33a1	0.000190766
mmu.miR.125b.5p	ILMN_1223315	Scarb1	0.000194892
mmu.miR.142.5p	ILMN_1259174	Scin	0.00019724

mmu.miR.126.5p	ILMN_1214142	Hcrtr2	0.000202353
mmu.miR.883a.5p	ILMN_2734283	Slc25a44	0.000208761
mmu.miR.706	ILMN_1220547	Styx11	0.000210119
mmu.miR.1897.5p	ILMN_2594672	Fads3	0.000211496
mmu.miR.668	ILMN_3070975	Fbxl12	0.000216333
mmu.miR.194	ILMN_2430804	Zfp398	0.000217176
mmu.miR.669c	ILMN_2629657	Csda	0.00022145
mmu.miR.329	ILMN_1217023	Asxl3	0.000234532
mmu.miR.122	ILMN_1231408	Ngfr	0.000240815
mmu.miR.712	ILMN_2450786	Gars	0.000243198
mmu.miR.351	ILMN_1223315	Scarb1	0.00024338
mmu.miR.143	ILMN_3002181	Ppif	0.000243521
mmu.miR.374	ILMN_2662456	Ppm1l	0.000243934
mmu.miR.3102	ILMN_1235783	Acbd3	0.000250621
mmu.miR.29b	ILMN_2464898	Amz2	0.000251623
mmu.miR.20a	ILMN_1242007	Gtf2h2	0.000252009
mmu.miR.669n	ILMN_2672767	Actn4	0.000259753
mmu.miR.1954	ILMN_2985761	Gm1322	0.00026009
mmu.miR.3096.3p	ILMN_1254558	Rab23	0.000267237
mmu.miR.677	ILMN_1215722	Zdhhc13	0.000271814
mmu.miR.200a	ILMN_2429092	Ybx1	0.000272702
mmu.miR.3069.5p	ILMN_1230271	Anp32a	0.000274076
mmu.miR.1192	ILMN_2589790	Stat3	0.000276682
mmu.miR.374	ILMN_1228100	Rgs3	0.000280987
mmu.miR.10a	ILMN_2740134	ldh3a	0.000281392
mmu.miR.186	ILMN_3158060	Epn2	0.000285413
mmu.miR.1983	ILMN_2695936	Fem1a	0.000286405
mmu.miR.122	ILMN_2792362	Helb	0.000293914
mmu.miR.337.3p	ILMN_2454204	Tnfrsf22	0.000294082
mmu.miR.1a	ILMN_1244291	Gja1	0.000296591
mmu.miR.30e	ILMN_2761152	Ptpn13	0.00030804
mmu.miR.3103	ILMN_2706051	Ccdc47	0.000309721
mmu.miR.762	ILMN_2481182	Ucp2	0.000318988
mmu.miR.297a	ILMN_1244064	Galc	0.000336715
mmu.miR.101a	ILMN_2464898	Amz2	0.000336719
mmu.miR.29c	ILMN_2708928	Bdh1	0.000342545
mmu.miR.709	ILMN_2430804	Zfp398	0.000344451
mmu.miR.15a	ILMN_2885922	Ptpn3	0.000346587
mmu.miR.762	ILMN_2767825	2210011C24Rik	0.0003545
mmu.miR.207	ILMN_3129337	Slc25a34	0.000363611
mmu.miR.21	ILMN_2750062	Arhgap24	0.000376857
mmu.miR.26b	ILMN_2457959	Trpc3	0.000377588
mmu.miR.329	ILMN_2937122	Trak1	0.000378889
mmu.miR.3098.3p	ILMN_2511768	Ttc17	0.000382271
mmu.miR.374	ILMN_1224193	Wnt5b	0.000386607
mmu.miR.429	ILMN_1237529	Lce1c	0.000392902
mmu.miR.875.3p	ILMN_2972325	2410016O06Rik	0.000410284
mmu.miR.467h	ILMN_3163148	Ddhd1	0.000424358
mmu.miR.322	ILMN_2637897	Nlr1x1	0.000424855



mmu.miR.92a	ILMN_2660650	Kif5b	0.000431998
mmu.miR.29b	ILMN_2708928	Bdh1	0.00043295
mmu.miR.677	ILMN_2603647	Clec2d	0.000437148
mmu.miR.145	ILMN_1226962	1300010F03Rik	0.00043955
mmu.miR.5097	ILMN_2724570	Mapk12	0.00044346
mmu.miR.326	ILMN_3096144	Stat3	0.000448289
mmu.miR.762	ILMN_2438555	0610011F06Rik	0.000455239
mmu.miR.335.3p	ILMN_1214142	Hcrtr2	0.000456108
mmu.miR.126.5p	ILMN_1225029	Mboat1	0.000456411
mmu.miR.497	ILMN_2605756	Klc1	0.000467285
mmu.miR.129.1.3p	ILMN_2706051	Ccdc47	0.000474222
mmu.miR.3474	ILMN_2641793	Dtx1	0.000504051
mmu.miR.1187	ILMN_2686348	Pknox2	0.000526312
mmu.miR.582.3p	ILMN_1254558	Rab23	0.000549597
mmu.miR.181a	ILMN_1223176	Magohb	0.000551903
mmu.miR.877	ILMN_1219661	Cog6	0.000569449
mmu.miR.337.3p	ILMN_1253317	Xpnp1	0.000597735
mmu.miR.30c	ILMN_2537125	Dock7	0.000601103
mmu.miR.181a	ILMN_1217023	Asxl3	0.000605075
mmu.miR.1958	ILMN_2935789	Rer1	0.000607974
mmu.miR.106b	ILMN_2714565	Rrm2	0.000610588
mmu.miR.881	ILMN_2653207	Tead2	0.000614592
mmu.miR.669e	ILMN_2692733	Tmem117	0.000623514
mmu.miR.337.3p	ILMN_2428963	Xpnp1	0.000628144
mmu.miR.195	ILMN_2770819	Rnf10	0.00064824
mmu.miR.713	ILMN_1253680	Prpf4	0.000648261
mmu.miR.329	ILMN_2689230	Slc6a15	0.000651065
mmu.miR.150	ILMN_2524276	6430704M03Rik	0.00065718
mmu.miR.770.3p	ILMN_2760095	4930438A08Rik	0.000663661
mmu.miR.221	ILMN_3009184	Ap3b2	0.000675982
mmu.miR.706	ILMN_1252690	Galc	0.000694274
mmu.miR.145	ILMN_1250241	Csmd3	0.000705609
mmu.miR.142.3p	ILMN_2950721	2810008M24Rik	0.000708785
mmu.miR.342.3p	ILMN_1217813	Adh5	0.000709263
mmu.miR.290.5p	ILMN_1260001	9630033F20Rik	0.000724107
mmu.miR.130a	ILMN_2992232	Mlxipl	0.000734093
mmu.miR.142.3p	ILMN_2660650	Kif5b	0.000746057
mmu.miR.30e	ILMN_1221901	Dock7	0.000760861
mmu.miR.762	ILMN_2668189	Vps8	0.000774833
mmu.miR.186	ILMN_1245103	G6pc	0.000779846
mmu.miR.27a	ILMN_3104328	Brsk1	0.000786753
mmu.miR.762	ILMN_2662456	Ppm1l	0.000813535
mmu.miR.1903	ILMN_1222226	Vav3	0.000816058
mmu.miR.875.3p	ILMN_2430804	Zfp398	0.000819528
mmu.miR.544.5p	ILMN_2601376	Nlrp4f	0.000842366
mmu.miR.20b	ILMN_1214708	Rab22a	0.000850631
mmu.miR.691	ILMN_1222226	Vav3	0.000853276
mmu.miR.1264.3p	ILMN_2910295	Crim1	0.000872523
mmu.miR.15a	ILMN_2784382	Lhx3	0.000883164

mmu.miR.669n	ILMN_2698880	Slc35f3	0.000909895
mmu.miR.181a	ILMN_2705268	Atp5l	0.000909961
mmu.miR.883a.5p	ILMN_1214142	Hcrtr2	0.000910411
mmu.miR.3077	ILMN_1237642	Ambra1	0.000939359
mmu.miR.1897.5p	ILMN_2606777	Nfrkb	0.000942389
mmu.miR.466i.5p	ILMN_2736690	2210411K11Rik	0.000942975
mmu.miR.29a	ILMN_1251296	Elf2	0.000961932
mmu.miR.5097	ILMN_1242007	Gtf2h2	0.000962582
mmu.miR.3084	ILMN_1237974	Kcng3	0.000983554
mmu.miR.139.5p	ILMN_2668706	Slc39a11	0.000997827
mmu.miR.186	ILMN_2940195	Mgst1	0.001009803
mmu.miR.20b	ILMN_3163148	Ddhd1	0.001025958
mmu.miR.322	ILMN_1236336	Rbm6	0.001034503
mmu.miR.335.3p	ILMN_1217023	Asxl3	0.001054257
mmu.miR.762	ILMN_2937122	Trak1	0.001060668
mmu.miR.29c	ILMN_1240804	Asxl3	0.00108256
mmu.miR.669i	ILMN_1228499	Rnf14	0.001101523
mmu.miR.1186	ILMN_1215738	Dnaja3	0.001104939
mmu.miR.214	ILMN_1215149	Crtc1	0.001125668
mmu.miR.196b	ILMN_2464536	Gpr62	0.00112598
mmu.miR.93	ILMN_1214708	Rab22a	0.001136329
mmu.miR.195	ILMN_1236336	Rbm6	0.001137199
mmu.miR.3474	ILMN_1255823	Higd2a	0.001144934
mmu.miR.3084	ILMN_2496796	Flnb	0.00115052
mmu.miR.106b	ILMN_3163148	Ddhd1	0.001162982
mmu.miR.677	ILMN_1244112	Dhodh	0.001166857
mmu.miR.15b	ILMN_1236150	Ap3b1	0.001172728
mmu.miR.200a	ILMN_2653207	Tead2	0.001186564
mmu.miR.106b	ILMN_2452255	Irf2bp2	0.001198097
mmu.miR.1264.3p	ILMN_2896768	Cbr3	0.001226654
mmu.miR.466f	ILMN_2591156	Il27ra	0.001234156
mmu.miR.883a.5p	ILMN_3019158	Ms4a7	0.001240633
mmu.miR.214	ILMN_2610679	Rgs3	0.001257328
mmu.miR.106b	ILMN_1252745	Gtf2h2	0.001272675
mmu.miR.93	ILMN_2834837	Fmn13	0.00127387
mmu.miR.30c	ILMN_3002943	Tmed10	0.001284311
mmu.miR.664	ILMN_2455192	Zfp68	0.001292567
mmu.miR.337.3p	ILMN_2968807	Rpain	0.001292953
mmu.miR.466f.3p	ILMN_2504433	Hsp90b1	0.00129425
mmu.miR.1192	ILMN_1240730	Ttc12	0.001298812
mmu.miR.145	ILMN_2772117	Itln1	0.001323732
mmu.miR.222	ILMN_1250064	6430550D23Rik	0.001338511
mmu.miR.883b.5p	ILMN_1241869	Map3k14	0.001363165
mmu.miR.106b	ILMN_2664219	Hmbox1	0.001366883
mmu.miR.3474	ILMN_1220047	Adamts14	0.001377198
mmu.miR.374	ILMN_2452255	Irf2bp2	0.001379153
mmu.miR.425	ILMN_1227993	Vav3	0.001384333
mmu.miR.5097	ILMN_1217023	Asxl3	0.001387379
mmu.miR.5097	ILMN_3160881	Vrk3	0.001388315

mmu.miR.21	ILMN_2745305	Glis2	0.001391833
mmu.miR.877	ILMN_2758878	Tmem66	0.001413304
mmu.miR.875.3p	ILMN_1219518	Thrap3	0.001420612
mmu.miR.1934	ILMN_1240256	Slc9a3r1	0.001482366
mmu.miR.3069.5p	ILMN_1237967	Nol3	0.001485211
mmu.miR.20a	ILMN_2664219	Hmbox1	0.001507781
mmu.miR.466i.5p	ILMN_2445477	Wars	0.00152228
mmu.miR.20a	ILMN_2826027	Ube2q2	0.001563248
mmu.miR.340.5p	ILMN_2708928	Bdh1	0.001573202
mmu.miR.325	ILMN_2599751	Rabep2	0.001583206
mmu.miR.17	ILMN_1221587	Ppp1r3e	0.001584474
mmu.miR.466a.5p	ILMN_2610679	Rgs3	0.001597414
mmu.miR.691	ILMN_2607253	Rpsa	0.001651371
mmu.miR.1192	ILMN_2452255	Irf2bp2	0.001660343
mmu.miR.429	ILMN_2619136	Pthlh	0.001672313
mmu.miR.106a	ILMN_1249578	Sorl1	0.001675215
mmu.miR.205	ILMN_2852979	Adh5	0.001683561
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mmu.miR.335.3p	ILMN_2906414	Tmed4	0.00171348
mmu.miR.200a	ILMN_1260219	Adipor2	0.00171997
mmu.miR.505.5p	ILMN_2840492	Acot2	0.001786512
mmu.miR.302a	ILMN_1245258	Slc6a15	0.001788923
mmu.miR.1192	ILMN_2862362	Neurod2	0.001809507
mmu.miR.712	ILMN_2661005	1110018G07Rik	0.001813162
mmu.miR.194	ILMN_2810882	Ppic	0.00185331
mmu.miR.20a	ILMN_2769191	Tbxas1	0.001859361
mmu.miR.342.3p	ILMN_2675883	Hars2	0.001869243
mmu.miR.467h	ILMN_2745925	Farp2	0.001877003
mmu.miR.296.3p	ILMN_2959974	Cdan1	0.001907374
mmu.miR.200b	ILMN_1257394	Rundc1	0.001919476
mmu.miR.144	ILMN_2689265	Ccrl1	0.001920367
mmu.miR.22	ILMN_2723763	Chga	0.00193872
mmu.miR.465b.5p	ILMN_2602169	Kera	0.001940806
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mmu.miR.205	ILMN_1234000	LOC665290	0.00199557
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mmu.miR.20a	ILMN_2647197	Rasd1	0.001999281
mmu.miR.466d.5p	ILMN_2770882	Foxl1	0.002019737
mmu.miR.142.5p	ILMN_2631097	Msh6	0.002026594
mmu.miR.1892	ILMN_2962113	Psg16	0.002069454
mmu.miR.148b	ILMN_2734283	Slc25a44	0.002080858
mmu.miR.712	ILMN_2723763	Chga	0.002092822
mmu.miR.340.5p	ILMN_1224792	Sltm	0.002105596
mmu.let.7c	ILMN_1224697	Fbxl12	0.002116144
mmu.miR.30b	ILMN_1239921	Man1b1	0.002138639
mmu.miR.15b	ILMN_2731206	Ppih	0.00215148
mmu.miR.351	ILMN_1260455	Lhx3	0.002159633
mmu.miR.21	ILMN_2626318	Elf2	0.002161927
mmu.miR.106a	ILMN_1241630	Spinlw1	0.002174838

mmu.miR.103	ILMN_1215679	Ppp2r3c	0.002175177
mmu.miR.668	ILMN_1249301	Bckdk	0.002181094
mmu.miR.30c	ILMN_1216110	Slc35d3	0.002300054
mmu.miR.338.5p	ILMN_2669991	Tmem135	0.002332469
mmu.miR.3096.3p	ILMN_2687881	Rab23	0.002339669
mmu.miR.721	ILMN_3102467	Rab34	0.002341502
mmu.miR.425	ILMN_2739989	4930534B04Rik	0.00237199
mmu.miR.145	ILMN_2499707	Pop4	0.002421007
mmu.let.7a	ILMN_3070975	Fbxl12	0.00243924
mmu.miR.1958	ILMN_2677696	Abcf3	0.00249871
mmu.miR.139.5p	ILMN_2764201	Rdh13	0.002503889
mmu.miR.106b	ILMN_3150468	Mink1	0.00253894
mmu.miR.126.5p	ILMN_2473348	Ttc13	0.002550255
mmu.miR.378	ILMN_1240449	Isx	0.002568451
mmu.miR.142.3p	ILMN_2486600	2810008M24Rik	0.002580022
mmu.miR.126.5p	ILMN_1252690	Galc	0.002598489
mmu.miR.223	ILMN_2761643	Krtap6-2	0.002605781
mmu.miR.881	ILMN_2524276	6430704M03Rik	0.002651985
mmu.miR.669h.3p	ILMN_2985761	Gm1322	0.002670695
mmu.miR.339.5p	ILMN_1254037	Tigd3	0.002685954
mmu.miR.3474	ILMN_1239921	Man1b1	0.002746419
mmu.miR.5097	ILMN_1225330	Foxp3	0.002806717
mmu.miR.378	ILMN_2648746	Bckdk	0.002821454
mmu.miR.466f.3p	ILMN_2637156	Fpgt	0.002908842
mmu.miR.664	ILMN_2735449	Cfhr1	0.002919097
mmu.miR.325	ILMN_1215580	Prl7d1	0.002931615
mmu.miR.770.3p	ILMN_2836637	Glt8d2	0.002949988
mmu.miR.3082.5p	ILMN_1238284	Dkc1	0.002950965
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mmu.miR.29a	ILMN_3142193	Lysmd1	0.00301299
mmu.miR.328	ILMN_2721980	AW551984	0.003019068
mmu.miR.141	ILMN_1227250	Specc1l	0.003062939
mmu.miR.669e	ILMN_2499746	Trim27	0.003083484
mmu.miR.709	ILMN_2627566	Capn5	0.003092793
mmu.miR.762	ILMN_2474011	Nxn	0.003095883
mmu.miR.125a.5p	ILMN_1233160	Triap1	0.003133626
mmu.miR.351	ILMN_2588411	Grina	0.00314824
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mmu.miR.3474	ILMN_1229161	Eng	0.003302459
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mmu.miR.762	ILMN_1227164	Tubb5	0.003367661
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mmu.miR.335.3p	ILMN_2804996	Ttc30b	0.003372826
mmu.miR.470	ILMN_3002943	Tmed10	0.00338566
mmu.miR.185	ILMN_1220986	H2-Q5	0.003387137
mmu.let.7e	ILMN_1226152	Alkbh4	0.003388007

mmu.miR.185	ILMN_3002943	Tmed10	0.003412946
mmu.miR.669n	ILMN_2653900	1110038D17Rik	0.003420953
mmu.miR.338.5p	ILMN_2607612	Sp2	0.003425189
mmu.miR.3098.3p	ILMN_1215149	Crtc1	0.003449062
mmu.miR.497	ILMN_3150468	Mink1	0.003531522
mmu.miR.374	ILMN_1239208	Rgs3	0.003548999
mmu.miR.20b	ILMN_2520600	Iqsec1	0.003590157
mmu.miR.503	ILMN_2688415	1300010F03Rik	0.003604722
mmu.miR.2183	ILMN_1240256	Slc9a3r1	0.003629844
mmu.miR.34a	ILMN_2908547	Arfgap1	0.003722783
mmu.miR.3100.3p	ILMN_3163148	Ddhd1	0.003737768
mmu.miR.883b.5p	ILMN_2708928	Bdh1	0.003742942
mmu.miR.126.5p	ILMN_1244064	Galc	0.003757175
mmu.miR.466n.5p	ILMN_2940195	Mgst1	0.0037976
mmu.miR.374	ILMN_2935789	Rer1	0.003806969
mmu.miR.3474	ILMN_2695936	Fem1a	0.003835904
mmu.miR.196b	ILMN_2628175	Tsen34	0.003838371
mmu.miR.141	ILMN_2429092	Ybx1	0.003860167
mmu.let.7f	ILMN_2973115	Ngly1	0.003862895
mmu.miR.669c	ILMN_2705078	Csda	0.00387138
mmu.miR.16	ILMN_2789888	Rnf10	0.003916458
mmu.miR.712	ILMN_2647427	4632415K11Rik	0.003948687
mmu.miR.664	ILMN_2429092	Ybx1	0.003980056
mmu.miR.27a	ILMN_2990014	Dnase2b	0.004049965
mmu.miR.1903	ILMN_3160517	Cox17	0.004060036
mmu.miR.374	ILMN_3123889	Zfp277	0.004106711
mmu.miR.1192	ILMN_1216110	Slc35d3	0.004121894
mmu.miR.503	ILMN_1250588	Ptk7	0.00415073
mmu.miR.465b.5p	ILMN_2458274	Ubap1	0.004160322
mmu.miR.882	ILMN_2944755	Klrg1	0.004181486
mmu.miR.186	ILMN_2804973	Zfp639	0.004198898
mmu.miR.466n.3p	ILMN_1232081	Cald1	0.004281382
mmu.miR.466f.5p	ILMN_2712976	Slc18a1	0.004314453
mmu.miR.503	ILMN_2646511	1300010F03Rik	0.00434857
mmu.miR.126.5p	ILMN_1224507	Gcm2	0.004385695
mmu.miR.325	ILMN_2645719	Tmem199	0.00443434
mmu.let.7f	ILMN_3149680	Fbxl12	0.004438333
mmu.miR.148b	ILMN_2706051	Ccdc47	0.004463664
mmu.miR.329	ILMN_1254558	Rab23	0.004479781
mmu.miR.466d.5p	ILMN_2736690	2210411K11Rik	0.00448766
mmu.miR.3096.3p	ILMN_3162342	Olfr872	0.004488854
mmu.miR.1839.3p	ILMN_2620484	Pkp4	0.004511342
mmu.miR.144	ILMN_2751037	Spata13	0.004527174
mmu.miR.875.3p	ILMN_2687372	Hectd3	0.004557543
mmu.miR.186	ILMN_2659617	Epn2	0.004586148
mmu.miR.155	ILMN_2739825	Dync1i1	0.00463489
mmu.miR.15b	ILMN_2636143	lnk	0.004651326
mmu.miR.1941.3p	ILMN_2499747	Trim27	0.004663076
mmu.miR.1903	ILMN_1227993	Vav3	0.004690817

mmu.miR.1958	ILMN_2734693	Ildr1	0.004715512
mmu.miR.3473	ILMN_1240730	Ttc12	0.004730594
mmu.miR.762	ILMN_1249922	Ppp1r3e	0.004739025
mmu.let.7c	ILMN_3149680	Fbxl12	0.004786294
mmu.miR.1897.5p	ILMN_2940440	Ganab	0.004788932
mmu.miR.693.5p	ILMN_1255644	Atn1	0.00481854
mmu.miR.712	ILMN_2600339	Gosr2	0.004825478
mmu.miR.713	ILMN_1250241	Csmd3	0.0048534
mmu.miR.185	ILMN_1225734	Nol6	0.004854202
mmu.miR.149	ILMN_1237917	Sparcl1	0.004896237
mmu.miR.23b	ILMN_1227561	Plcg1	0.004933103
mmu.miR.200b	ILMN_2760161	Ntf3	0.004948406
mmu.miR.320	ILMN_3163148	Ddhd1	0.004951488
mmu.miR.883a.5p	ILMN_2603958	Gramd3	0.004969129
mmu.miR.290.3p	ILMN_1256444	Osr1	0.004998286
mmu.miR.15b	ILMN_2669991	Tmem135	0.005018268
mmu.miR.1958	ILMN_2662962	Rhot2	0.005025553
mmu.miR.466i.5p	ILMN_2894355	Prox1	0.005031462
mmu.miR.2861	ILMN_2754453	Foxj1	0.005056141
mmu.miR.484	ILMN_2855423	Ube3b	0.00508556
mmu.miR.1957	ILMN_2733843	Dmrt1	0.005092292
mmu.miR.351	ILMN_2461345	Zfp41	0.005121155
mmu.miR.875.3p	ILMN_1215832	Csmd3	0.005158098
mmu.miR.762	ILMN_2494455	Zfp219	0.005224521
mmu.miR.1892	ILMN_2672289	Ptpn3	0.005237513
mmu.let.7b	ILMN_1214843	Mettl6	0.005238123
mmu.miR.20a	ILMN_1259672	Pdzd7	0.005271317
mmu.miR.1934	ILMN_2709279	Tmem180	0.005303131
mmu.let.7c	ILMN_1236008	Isoc2a	0.005338571
mmu.miR.223	ILMN_2486600	2810008M24Rik	0.005367752
mmu.miR.326	ILMN_3049465	D830030K20Rik	0.005448727
mmu.miR.181a	ILMN_2803368	Zfp180	0.005476274
mmu.miR.3084	ILMN_2803368	Zfp180	0.00548366
mmu.miR.3084	ILMN_1252267	4933424B01Rik	0.005520039
mmu.miR.1897.5p	ILMN_2516312	Pja1	0.0055653
mmu.miR.762	ILMN_2619107	Lgals1	0.005625479
mmu.miR.291a.5p	ILMN_1239801	Irf2bp2	0.005678072
mmu.miR.181a	ILMN_1237995	Tacr3	0.0057151
mmu.miR.23a	ILMN_1217023	Asxl3	0.00572825
mmu.miR.468	ILMN_2661005	1110018G07Rik	0.005754424
mmu.miR.466f.3p	ILMN_1258270	Lamc3	0.005779226
mmu.miR.875.3p	ILMN_1232317	Sstr5	0.005780089
mmu.miR.325	ILMN_1226293	Slc39a4	0.005837611
mmu.miR.665	ILMN_2626606	Lrrc14	0.005838425
mmu.miR.107	ILMN_2732801	Rtnn	0.005844779
mmu.miR.141	ILMN_2674643	Tdo2	0.005873523
mmu.miR.93	ILMN_1249922	Ppp1r3e	0.005898935
mmu.miR.139.5p	ILMN_3002943	Tmed10	0.005902728
mmu.miR.883b.5p	ILMN_2664219	Hmbox1	0.006116592

mmu.miR.423.5p	ILMN_1251995	Ttll4	0.006124124
mmu.miR.669n	ILMN_2533766	Ccdc109a	0.006136235
mmu.miR.574.5p	ILMN_1238143	Ucn3	0.006148884
mmu.miR.329	ILMN_1240804	Asxl3	0.006153179
mmu.miR.1903	ILMN_2649174	Ints10	0.006187305
mmu.miR.877	ILMN_2759722	Ebf4	0.006200576
mmu.miR.3100.3p	ILMN_2771326	Atxn10	0.006209302
mmu.miR.720	ILMN_2664219	Hmbox1	0.006258444
mmu.miR.15a	ILMN_2610861	Ap3b1	0.006292396
mmu.miR.15b	ILMN_2637897	Nlrx1	0.006365551
mmu.miR.149	ILMN_2811240	Tprkb	0.006380994
mmu.miR.181a	ILMN_2937122	Trak1	0.006389219
mmu.miR.150	ILMN_2661005	1110018G07Rik	0.006416897
mmu.miR.693.5p	ILMN_1242790	Fsd2	0.006428327
mmu.miR.706	ILMN_2572446	Pik3c2g	0.006528138
mmu.miR.484	ILMN_1219072	Flt4	0.00654488
mmu.miR.20a	ILMN_2910295	Crim1	0.006609183
mmu.miR.669e	ILMN_1259672	Pdzd7	0.006623088
mmu.miR.27a	ILMN_2641360	Ak2	0.006623162
mmu.miR.297a	ILMN_2643648	Dbc1	0.00663814
mmu.miR.142.5p	ILMN_2701617	Gdnf	0.006687116
mmu.miR.126.5p	ILMN_2662456	Ppm1l	0.006734703
mmu.miR.1264.3p	ILMN_2639777	Sphk2	0.006803547
mmu.miR.340.5p	ILMN_1224022	E130308A19Rik	0.006856402
mmu.miR.122	ILMN_2511412	A330050F15Rik	0.006895086
mmu.miR.139.5p	ILMN_1234759	Nudt21	0.006952499
mmu.miR.1186	ILMN_2634749	Txn14a	0.006971444
mmu.miR.500	ILMN_2675883	Hars2	0.00700056
mmu.miR.93	ILMN_1222333	Slc2a4	0.007015225
mmu.miR.669i	ILMN_2718421	Acot5	0.007024494
mmu.miR.329	ILMN_2557166	Rab23	0.007068003
mmu.miR.466i.5p	ILMN_3156343	Wars	0.00709005
mmu.miR.150	ILMN_1214369	Nfe2l2	0.007224083
mmu.miR.195	ILMN_2789888	Rnf10	0.007300867
mmu.miR.351	ILMN_2680876	lqce	0.007334232
mmu.miR.3100.3p	ILMN_1220336	Tmc1	0.007497915
mmu.miR.1192	ILMN_2684910	Sirt6	0.007596657
mmu.miR.15b	ILMN_2514292	Zyx	0.007620281
mmu.let.7d	ILMN_1224697	Fbxl12	0.007692889
mmu.miR.107	ILMN_1253365	Lypd1	0.007796119
mmu.miR.365	ILMN_2653633	Csmd3	0.007827596
mmu.miR.374	ILMN_1244180	Irf2bp2	0.007913763
mmu.miR.713	ILMN_2653633	Csmd3	0.00792857
mmu.miR.195	ILMN_2686393	Gna12	0.007932679
mmu.miR.155	ILMN_3009400	Raver2	0.007941374
mmu.miR.125b.5p	ILMN_2660837	St6galnac4	0.007967207
mmu.miR.5097	ILMN_1214142	Hcrr2	0.008002459
mmu.miR.339.5p	ILMN_2997763	Hsd17b1	0.008076952
mmu.miR.106a	ILMN_2619136	Pthlh	0.008083817

mmu.miR.98	ILMN_3149680	Fbxl12	0.008103749
mmu.miR.3069.5p	ILMN_2599130	Aldoa	0.008105117
mmu.miR.1934	ILMN_2680618	Crtc1	0.008112258
mmu.miR.770.3p	ILMN_2600389	Slc7a6	0.00812845
mmu.miR.325	ILMN_2937122	Trak1	0.008170672
mmu.miR.691	ILMN_2851575	Tnfsf14	0.008226294
mmu.miR.1958	ILMN_1224846	Cdkl3	0.008244511
mmu.miR.762	ILMN_2855123	Ucp2	0.00827553
mmu.miR.710	ILMN_1242359	Mtap7d3	0.008284985
mmu.miR.20b	ILMN_2601974	Sema7a	0.008344835
mmu.miR.1264.3p	ILMN_2608811	Cbr3	0.008350274
mmu.miR.142.5p	ILMN_2665591	1700010I14Rik	0.008360742
mmu.miR.467f	ILMN_2640961	Acyp1	0.008476452
mmu.miR.329	ILMN_2511412	A330050F15Rik	0.008658283
mmu.miR.1186	ILMN_2635132	Foxp3	0.008745264
mmu.miR.1192	ILMN_1250588	Ptk7	0.008822781
mmu.miR.3084	ILMN_2606502	Tapbpl	0.008879797
mmu.miR.107	ILMN_1236150	Ap3b1	0.008902121
mmu.miR.1892	ILMN_2946466	Bin1	0.009004009
mmu.miR.1894.3p	ILMN_2685275	Tmem109	0.009012112
mmu.miR.200c	ILMN_3160634	Gm410	0.009106572
mmu.miR.34b.5p	ILMN_2692207	Cbx2	0.009117302
mmu.miR.709	ILMN_1257163	Tnks1bp1	0.009119587
mmu.miR.149	ILMN_2706232	Syngn2	0.009141127
mmu.miR.720	ILMN_1235909	Ak2	0.009143369
mmu.miR.3068	ILMN_2655595	Crcp	0.00919844
mmu.miR.30d	ILMN_2767216	Actc1	0.009230865
mmu.miR.10a	ILMN_1227815	ldh3a	0.00923553
mmu.miR.3474	ILMN_2701617	Gdnf	0.009300323
mmu.miR.340.5p	ILMN_1214369	Nfe2l2	0.009301324
mmu.miR.335.3p	ILMN_2852764	LOC380994	0.009333197
mmu.miR.22	ILMN_2621160	Ddb2	0.0093458
mmu.miR.709	ILMN_1237306	Ddx54	0.009380647
mmu.miR.762	ILMN_2978533	Trabd	0.009433745
mmu.miR.324.3p	ILMN_2703392	LOC100047937	0.009616121
mmu.miR.15b	ILMN_1244836	Tmem41a	0.009621115
mmu.miR.3095.3p	ILMN_2458274	Ubap1	0.009647887
mmu.miR.721	ILMN_2617441	Stk11ip	0.009659898
mmu.miR.186	ILMN_2472444	Traf4	0.009681782
mmu.miR.665	ILMN_3041056	Med22	0.009743924
mmu.miR.122	ILMN_3052781	Slc25a34	0.009859787
mmu.miR.325	ILMN_2735118	Pprc1	0.009869601
mmu.miR.505.5p	ILMN_1226316	Glis2	0.009891722
mmu.miR.181a	ILMN_2754453	Foxj1	0.009928299
mmu.miR.470	ILMN_1212804	Pou3f3	0.009970178
mmu.miR.669i	ILMN_2706051	Ccdc47	0.009970785
mmu.miR.200c	ILMN_2729422	Ror2	0.009999622
mmu.miR.882	ILMN_2427705	Ak7	0.010060706
mmu.miR.669n	ILMN_1225035	Carhsp1	0.010076708



mmu.miR.338.3p	ILMN_1256514	Dus3l	0.010104174
mmu.miR.27b	ILMN_2641360	Ak2	0.010194316
mmu.miR.200b	ILMN_2714565	Rrm2	0.010327824
mmu.miR.669c	ILMN_2694659	Ckap5	0.010350064
mmu.miR.326	ILMN_2499400	Vamp8	0.010388309
mmu.miR.466c.5p	ILMN_2491301	Usp16	0.010428001
mmu.miR.335.3p	ILMN_1259769	Pabpc1	0.010439929
mmu.miR.200c	ILMN_2877541	Crtap	0.010488995
mmu.miR.214	ILMN_2626389	Nomo1	0.010590247
mmu.miR.1186b	ILMN_1254444	Dus4l	0.010656331
mmu.miR.713	ILMN_2713491	Hist1h1e	0.010709441
mmu.miR.466i.5p	ILMN_3010109	Slc25a11	0.010737705
mmu.miR.770.3p	ILMN_1225201	Rpl21	0.010738052
mmu.miR.710	ILMN_2817864	Ckmt2	0.010746519
mmu.miR.1897.5p	ILMN_2647427	4632415K11Rik	0.010748992
mmu.miR.351	ILMN_1236482	Lhx3	0.010795934
mmu.miR.1934	ILMN_1256292	Ilvbl	0.010870314
mmu.miR.342.3p	ILMN_2910768	Pilra	0.010931371
mmu.let.7b	ILMN_3128363	Slc14a2	0.010936003
mmu.miR.342.3p	ILMN_1216723	Btn2a2	0.010967895
mmu.miR.762	ILMN_1257511	Phkg2	0.011001218
mmu.miR.186	ILMN_2591414	Tax1bp1	0.011029782
mmu.miR.340.5p	ILMN_1231553	Bdh1	0.01104526
mmu.miR.130a	ILMN_2713160	Rtcd1	0.01111413
mmu.miR.883b.5p	ILMN_1250704	Rcsd1	0.011173413
mmu.miR.200a	ILMN_3058640	Als2cr4	0.011206761
mmu.miR.30b	ILMN_3057208	Slc35c1	0.011225557
mmu.miR.883a.5p	ILMN_1218036	Sco1	0.011308254
mmu.miR.669n	ILMN_2599514	Ankmy2	0.011348091
mmu.miR.142.5p	ILMN_1224045	Dsp	0.01137698
mmu.miR.205	ILMN_2991339	Zfp646	0.011493046
mmu.miR.139.5p	ILMN_2616638	D1Bwg0212e	0.011501811
mmu.miR.677	ILMN_2648661	Cap1	0.011565434
mmu.miR.181b	ILMN_1228567	Pknox2	0.011575173
mmu.miR.342.3p	ILMN_2754787	Rsrc1	0.01173246
mmu.miR.106b	ILMN_2768905	Mink1	0.011875808
mmu.miR.470	ILMN_2620122	P2rx4	0.011898674
mmu.miR.1958	ILMN_2687881	Rab23	0.011905222
mmu.miR.291a.5p	ILMN_1252400	Stambpl1	0.011977947
mmu.miR.29c	ILMN_2700797	Ppic	0.012021993
mmu.miR.762	ILMN_2691878	Cdkal1	0.012029401
mmu.miR.23b	ILMN_1214142	Hcrtr2	0.012094979
mmu.miR.1934	ILMN_2753932	Rnf183	0.012119985
mmu.miR.532.3p	ILMN_1216092	9530003J23Rik	0.012210103
mmu.miR.3069.5p	ILMN_2658953	Nol3	0.012245433
mmu.miR.744	ILMN_2728796	C1rl	0.01227627
mmu.miR.93	ILMN_2769191	Tbxas1	0.012333282
mmu.miR.712	ILMN_1243177	Atp2b3	0.01233691
mmu.miR.3474	ILMN_2867076	H2-Oa	0.012388606

mmu.miR.1186b	ILMN_1245258	Slc6a15	0.012398048
mmu.miR.224	ILMN_2632241	Fbxo17	0.012430281
mmu.miR.770.3p	ILMN_2855123	Ucp2	0.012434657
mmu.miR.141	ILMN_2696721	Gpc2	0.012603028
mmu.miR.149	ILMN_2749604	Scfd1	0.012652897
mmu.miR.27a	ILMN_2444217	Myot	0.012694913
mmu.miR.762	ILMN_2643455	Trabd	0.012773074
mmu.miR.466f.3p	ILMN_2930933	Zfml	0.012798729
mmu.miR.221	ILMN_2662776	Mpdz	0.012813493
mmu.miR.326	ILMN_2910295	Crim1	0.012849371
mmu.miR.665	ILMN_3100456	Med22	0.012867417
mmu.miR.1958	ILMN_2637845	Dhdds	0.012892089
mmu.miR.342.3p	ILMN_2647197	Rasd1	0.012940165
mmu.miR.26b	ILMN_2655250	Txndc15	0.012956892
mmu.miR.669n	ILMN_1230959	Zfp69	0.012998911
mmu.miR.669d	ILMN_2434327	Ugt2a1	0.013044121
mmu.miR.186	ILMN_2754054	9130401M01Rik	0.013087079
mmu.miR.15b	ILMN_1242688	Mink1	0.013309383
mmu.miR.677	ILMN_1223315	Scarb1	0.013358457
mmu.miR.20b	ILMN_3150468	Mink1	0.01339279
mmu.miR.466f.3p	ILMN_1237003	Slu7	0.013477018
mmu.miR.20a	ILMN_2619136	Pthlh	0.013487377
mmu.miR.875.3p	ILMN_1219011	3110040M04Rik	0.01358832
mmu.miR.466m.3p	ILMN_2974945	Cog6	0.013608312
mmu.miR.378	ILMN_1249301	Bckdk	0.013616499
mmu.miR.326	ILMN_1222902	Cdan1	0.013763373
mmu.miR.107	ILMN_2933993	Rad9	0.013771245
mmu.miR.10b	ILMN_1232783	Mmp25	0.013851761
mmu.miR.3084	ILMN_1254558	Rab23	0.013946745
mmu.miR.3100.3p	ILMN_2769191	Tbxas1	0.014041501
mmu.miR.30e	ILMN_2725259	Il2	0.014048477
mmu.miR.669c	ILMN_3071366	Rcsd1	0.014070985
mmu.miR.3095.3p	ILMN_1242555	Asxl3	0.014106559
mmu.miR.291a.5p	ILMN_2864798	Zc3hc1	0.01417158
mmu.miR.466f	ILMN_2728796	C1rl	0.01422403
mmu.miR.194	ILMN_1223516	E130309F12Rik	0.014291904
mmu.miR.29a	ILMN_1231553	Bdh1	0.014566862
mmu.miR.30d	ILMN_1231884	Tmem121	0.014593139
mmu.miR.20a	ILMN_1244180	lrf2bp2	0.014695555
mmu.miR.1892	ILMN_1216717	lkzf3	0.014707375
mmu.miR.194	ILMN_2700797	Ppic	0.014784209
mmu.miR.5097	ILMN_1259009	Baat	0.014789665
mmu.miR.25	ILMN_1213541	Rfx1	0.01496119
mmu.miR.30b	ILMN_2767216	Actc1	0.01499211
mmu.miR.497	ILMN_1227815	ldh3a	0.015169911
mmu.miR.467h	ILMN_1232081	Cald1	0.015180323
mmu.let.7c	ILMN_1214843	Mettl6	0.015192949
mmu.miR.149	ILMN_1244874	Syngn2	0.015221204
mmu.miR.1958	ILMN_2918927	Dusp3	0.015341729

mmu.miR.467e	ILMN_2745925	Farp2	0.01541874
mmu.miR.691	ILMN_2923865	Casp6	0.015426906
mmu.miR.677	ILMN_2602607	1810037117Rik	0.01542977
mmu.miR.466n.3p	ILMN_2646001	1110008J03Rik	0.015453409
mmu.miR.21	ILMN_2760161	Ntf3	0.015463771
mmu.miR.214	ILMN_1233075	Ercc2	0.015607042
mmu.miR.103	ILMN_1236150	Ap3b1	0.015613445
mmu.miR.125a.5p	ILMN_2479273	Kcnt1	0.015689012
mmu.miR.875.3p	ILMN_1241551	Nell2	0.015750006
mmu.miR.3069.5p	ILMN_2487482	Zfp90	0.015757167
mmu.miR.126.5p	ILMN_2688694	Adam34	0.015967312
mmu.miR.762	ILMN_2805339	Hspb6	0.015970305
mmu.miR.3474	ILMN_2773037	H2-Oa	0.015978735
mmu.miR.101b	ILMN_2768396	Kif5b	0.01613085
mmu.miR.29a	ILMN_2708928	Bdh1	0.016135342
mmu.miR.324.3p	ILMN_2474239	Sla2	0.016166352
mmu.miR.706	ILMN_2918927	Dusp3	0.016234852
mmu.miR.106a	ILMN_1259672	Pdzd7	0.01627159
mmu.miR.186	ILMN_2684693	Dusp3	0.016293341
mmu.miR.466n.5p	ILMN_2669416	Mgst1	0.016345659
mmu.miR.93	ILMN_2714565	Rrm2	0.016406559
mmu.miR.3069.3p	ILMN_2670344	Lrrn2	0.016501066
mmu.miR.720	ILMN_2641360	Ak2	0.01651751
mmu.miR.544.5p	ILMN_2696272	Tmem185b	0.016591932
mmu.miR.23b	ILMN_1242555	Asxl3	0.016651438
mmu.miR.296.3p	ILMN_2657376	Nipsnap3a	0.016722513
mmu.miR.669e	ILMN_2754569	Ccdc15	0.016771084
mmu.miR.195	ILMN_2784382	Lhx3	0.01682625
mmu.miR.326	ILMN_1258270	Lamc3	0.016939086
mmu.miR.1894.3p	ILMN_2595704	Adprh	0.01697861
mmu.miR.10b	ILMN_1233927	Spib	0.017065346
mmu.miR.106b	ILMN_1249578	Sorl1	0.017078955
mmu.miR.762	ILMN_1243652	Tagln	0.017175901
mmu.miR.93	ILMN_1259787	Osr1	0.017255487
mmu.miR.325	ILMN_1230271	Anp32a	0.017301312
mmu.miR.709	ILMN_3125181	Rfxank	0.017351412
mmu.miR.339.5p	ILMN_1224193	Wnt5b	0.017351414
mmu.miR.296.5p	ILMN_1228132	Lypla2	0.017367815
mmu.miR.302a	ILMN_1227514	Pus3	0.017370998
mmu.miR.322	ILMN_1227815	Idh3a	0.017597228
mmu.miR.325	ILMN_1224114	Tmed1	0.017683735
mmu.miR.335.3p	ILMN_1258174	Cse1l	0.017776743
mmu.miR.1196	ILMN_2728575	Ankrd58	0.017798386
mmu.miR.664	ILMN_1248124	Btg4	0.017808185
mmu.miR.466i.5p	ILMN_2904686	Cyb5r3	0.017826453
mmu.miR.468	ILMN_1225192	Nfkbid	0.017830292
mmu.miR.574.5p	ILMN_2519345	Vps45	0.017840613
mmu.miR.1897.5p	ILMN_2708928	Bdh1	0.017854263
mmu.miR.669n	ILMN_1248855	Rint1	0.017857351

mmu.miR.1a	ILMN_1227728	Osbp17	0.017922905
mmu.miR.20a	ILMN_1249578	Sorl1	0.017949205
mmu.miR.466n.3p	ILMN_2601974	Sema7a	0.017959772
mmu.miR.338.3p	ILMN_1245103	G6pc	0.017998774
mmu.miR.200b	ILMN_3160634	Gm410	0.018009211
mmu.miR.335.3p	ILMN_1245650	Sbds	0.018070197
mmu.miR.712	ILMN_2991339	Zfp646	0.018209099
mmu.miR.145	ILMN_2768390	Ntf5	0.018232541
mmu.miR.669o.5p	ILMN_2804261	Cald1	0.018270652
mmu.miR.150	ILMN_2851231	Rpl9	0.018303134
mmu.miR.106b	ILMN_2653633	Csm3	0.018344286
mmu.miR.149	ILMN_2690232	BC068157	0.018386053
mmu.let.7i	ILMN_1214843	Mettl6	0.018488898
mmu.miR.3100.3p	ILMN_2937122	Trak1	0.018501501
mmu.miR.762	ILMN_1217584	Tubb5	0.018526974
mmu.miR.466m.3p	ILMN_2725853	Cdx2	0.018554858
mmu.miR.466i.5p	ILMN_2643648	Dbc1	0.018611085
mmu.miR.181b	ILMN_2706972	Spata9	0.018895275
mmu.miR.770.3p	ILMN_2751304	Eil	0.018916375
mmu.miR.466f.3p	ILMN_2766704	Fbxl21	0.018925973
mmu.miR.337.3p	ILMN_2612582	Gjc2	0.018999552
mmu.miR.1934	ILMN_1228572	Gpr108	0.019014282
mmu.miR.1903	ILMN_2948326	Spr2i	0.019067384
mmu.miR.470	ILMN_1237644	P2rx4	0.019087771
mmu.miR.351	ILMN_1234799	Tmem120b	0.019184132
mmu.miR.296.5p	ILMN_2669991	Tmem135	0.019256057
mmu.miR.669h.3p	ILMN_3125113	Cdh19	0.019259102
mmu.miR.148b	ILMN_1225770	Epn2	0.01948637
mmu.miR.713	ILMN_2676066	Stard7	0.019546276
mmu.miR.149	ILMN_2706231	Syng2	0.019576713
mmu.miR.26a	ILMN_1242571	Pkn3	0.01957772
mmu.miR.3474	ILMN_1248740	Sema3f	0.019634401
mmu.miR.466a.5p	ILMN_2950721	2810008M24Rik	0.019740438
mmu.miR.3084	ILMN_2625299	Sypl2	0.019769474
mmu.miR.1949	ILMN_1224022	E130308A19Rik	0.01977833
mmu.miR.429	ILMN_1227164	Tubb5	0.019781954
mmu.miR.3072	ILMN_2672289	Ptpn3	0.019907977
mmu.miR.762	ILMN_2479273	Kcnt1	0.019991733
mmu.miR.351	ILMN_1231408	Ngfr	0.02002732
mmu.miR.181b	ILMN_2686348	Pkn3	0.020060251
mmu.miR.883b.5p	ILMN_2458434	Psg16	0.020063812
mmu.miR.574.5p	ILMN_2719513	Slc39a8	0.020075925
mmu.miR.328	ILMN_1259956	Barx1	0.020144675
mmu.miR.320	ILMN_1257110	Gtf3c6	0.020169983
mmu.miR.721	ILMN_3029294	Rab34	0.020333803
mmu.miR.339.5p	ILMN_1250064	6430550D23Rik	0.020396604
mmu.miR.322	ILMN_2739825	Dync1i1	0.020543423
mmu.miR.15b	ILMN_1236336	Rbm6	0.020640557
mmu.miR.2861	ILMN_1254001	Sharpin	0.020649202

mmu.miR.126.5p	ILMN_2660837	St6galnac4	0.020765485
mmu.miR.34a	ILMN_2617441	Stk11ip	0.020802749
mmu.miR.497	ILMN_2636143	lfnk	0.020986866
mmu.miR.200c	ILMN_3105117	1200011M11Rik	0.021265989
mmu.miR.126.5p	ILMN_2792028	Gpx6	0.021287725
mmu.miR.149	ILMN_1227561	Plcg1	0.021324122
mmu.miR.27a	ILMN_2754787	Rsrc1	0.021357375
mmu.miR.532.3p	ILMN_1229985	Exoc6b	0.021554622
mmu.miR.1958	ILMN_1232822	Pdgfrl	0.02160874
mmu.miR.15b	ILMN_1236482	Lhx3	0.02163228
mmu.miR.466i.5p	ILMN_2923865	Casp6	0.02180436
mmu.miR.466d.5p	ILMN_1237974	Kcng3	0.021931976
mmu.miR.200c	ILMN_1245063	Mrgprb1	0.021948717
mmu.miR.669n	ILMN_2419777	Ppm1l	0.022010066
mmu.miR.1958	ILMN_1216436	9930013L23Rik	0.022102697
mmu.miR.291a.5p	ILMN_2792502	Il17d	0.022135616
mmu.miR.25	ILMN_2603958	Gramd3	0.022168639
mmu.miR.470	ILMN_2690061	Hnrpd1	0.022303442
mmu.miR.30b	ILMN_2742197	Gabrb1	0.022369699
mmu.miR.7a	ILMN_2524276	6430704M03Rik	0.022394543
mmu.miR.107	ILMN_2427874	Capns2	0.022456646
mmu.miR.497	ILMN_1260455	Lhx3	0.022495677
mmu.miR.339.5p	ILMN_1214985	4930579G22Rik	0.022500192
mmu.miR.194	ILMN_2803368	Zfp180	0.022509767
mmu.miR.3103	ILMN_1251296	Elf2	0.022648343
mmu.miR.5097	ILMN_1240804	Asxl3	0.022746547
mmu.miR.1892	ILMN_1227733	Ndc80	0.022778547
mmu.miR.106a	ILMN_1249922	Ppp1r3e	0.02280698
mmu.miR.185	ILMN_2948272	Spc24	0.022845461
mmu.miR.2861	ILMN_2722353	Pomgnt1	0.022871458
mmu.miR.139.5p	ILMN_1222499	Slc33a1	0.022882299
mmu.miR.340.5p	ILMN_2985761	Gm1322	0.022993258
mmu.miR.329	ILMN_2808751	Bcl9	0.023069494
mmu.miR.139.5p	ILMN_1224507	Gcm2	0.023099361
mmu.miR.205	ILMN_1228615	Zfp366	0.023194731
mmu.miR.709	ILMN_1255311	Elf2	0.023299113
mmu.miR.1186	ILMN_1256720	Fbxl4	0.023376754
mmu.miR.1196	ILMN_2513895	Sae1	0.023441408
mmu.miR.335.3p	ILMN_1214143	Lyar	0.023591884
mmu.miR.106b	ILMN_2591570	Stk11	0.023653537
mmu.miR.20b	ILMN_2910295	Crim1	0.023666042
mmu.miR.101b	ILMN_1244291	Gja1	0.023698963
mmu.miR.351	ILMN_2909283	Tmem120b	0.02371118
mmu.miR.1934	ILMN_1250588	Ptk7	0.023714176
mmu.miR.466i.5p	ILMN_2507494	Tmem141	0.023784236
mmu.miR.466c.5p	ILMN_1231553	Bdh1	0.023799516
mmu.miR.881	ILMN_2684378	4930534B04Rik	0.023860339
mmu.miR.126.5p	ILMN_2429092	Ybx1	0.023953888
mmu.miR.207	ILMN_1237983	Padi2	0.023984363

mmu.miR.322	ILMN_2715114	Crisp2	0.0240492
mmu.miR.429	ILMN_2620853	Smgc	0.024130816
mmu.miR.3473	ILMN_2427705	Ak7	0.024136509
mmu.miR.693.5p	ILMN_1215238	Fsd2	0.024226211
mmu.miR.1264.3p	ILMN_2708928	Bdh1	0.024404174
mmu.miR.1894.3p	ILMN_2927638	Mxra8	0.024429413
mmu.miR.320	ILMN_1235783	Acbd3	0.02445195
mmu.miR.337.3p	ILMN_1238852	Taf12	0.02456142
mmu.miR.429	ILMN_2819319	Rrm2	0.024561615
mmu.miR.187	ILMN_2897198	Smok3b	0.024604133
mmu.miR.503	ILMN_1226962	1300010F03Rik	0.024779222
mmu.miR.1192	ILMN_2445378	Gcnt3	0.024925639
mmu.miR.465b.5p	ILMN_1252294	Eef2	0.02496041
mmu.miR.351	ILMN_2487847	Uhrf1bp1	0.025029778
mmu.miR.144	ILMN_2637408	Ccr1	0.025098399
mmu.miR.466i.5p	ILMN_1252745	Gtf2h2	0.02524921
mmu.miR.1892	ILMN_2628339	Bin1	0.025407725
mmu.miR.34a	ILMN_1223381	Padi2	0.025517421
mmu.miR.325	ILMN_2657356	Lig1	0.025837185
mmu.miR.322	ILMN_2852979	Adh5	0.025840731
mmu.miR.20b	ILMN_2826027	Ube2q2	0.025923455
mmu.miR.3068	ILMN_1227889	Pias3	0.025939995
mmu.miR.337.3p	ILMN_2686348	Pknx2	0.026065515
mmu.miR.669n	ILMN_2659617	Epn2	0.026104389
mmu.miR.375	ILMN_1241611	Zfp39	0.026143494
mmu.miR.466i.5p	ILMN_2655595	Crcp	0.026225234
mmu.miR.126.5p	ILMN_2725781	Abcg5	0.026260975
mmu.miR.669h.3p	ILMN_1252745	Gtf2h2	0.026620002
mmu.miR.429	ILMN_2666018	Mgp	0.026643021
mmu.miR.2861	ILMN_1249339	Rab4b	0.026693277
mmu.miR.122	ILMN_1252970	Slc1a5	0.026819247
mmu.miR.139.5p	ILMN_2836494	Ina	0.026879292
mmu.miR.322	ILMN_2584574	5430405G05Rik	0.026941702
mmu.miR.291a.5p	ILMN_2831273	Mrpl51	0.026993141
mmu.miR.325	ILMN_1238893	Lime1	0.027010294
mmu.miR.712	ILMN_2690551	Nfkbie	0.027080668
mmu.miR.1196	ILMN_2982958	Sae1	0.027127088
mmu.miR.1892	ILMN_2462431	Wdr18	0.027132371
mmu.miR.148b	ILMN_2659617	Epn2	0.027213208
mmu.miR.1954	ILMN_1244697	Enah	0.027254696
mmu.miR.1264.3p	ILMN_2663585	Jdp2	0.027353379
mmu.miR.338.5p	ILMN_2583946	Nxf1	0.027460141
mmu.miR.148b	ILMN_1238878	Heph1	0.027499087
mmu.miR.467h	ILMN_2910653	Bmp8a	0.02750666
mmu.miR.1934	ILMN_2660862	Sepn1	0.027599921
mmu.miR.126.5p	ILMN_2769507	Gpx6	0.027687881
mmu.miR.1935	ILMN_2918732	Ugt3a1	0.027701876
mmu.miR.466i.5p	ILMN_1255516	1810041L15Rik	0.027783631
mmu.miR.186	ILMN_2648548	Casp7	0.027853834

mmu.miR.320	ILMN_2637845	Dhdds	0.027908042
mmu.miR.466d.5p	ILMN_2923865	Casp6	0.027919932
mmu.miR.3069.5p	ILMN_2493851	Sf1	0.02793506
mmu.miR.691	ILMN_3163148	Ddhd1	0.027992661
mmu.miR.214	ILMN_2621422	Kirrel	0.028011891
mmu.miR.291a.5p	ILMN_2744337	Cd47	0.028125759
mmu.miR.665	ILMN_2545978	Ncaph2	0.028173629
mmu.miR.669h.3p	ILMN_1251296	Elf2	0.028325623
mmu.miR.30b	ILMN_2664365	Ascc3	0.028333925
mmu.miR.762	ILMN_1229059	Specc1	0.028348845
mmu.miR.125a.5p	ILMN_1236482	Lhx3	0.028366878
mmu.miR.1186	ILMN_2608238	Dnaja3	0.028382652
mmu.miR.214	ILMN_3132318	Rgs3	0.028481996
mmu.miR.490.3p	ILMN_2695936	Fem1a	0.028634213
mmu.miR.223	ILMN_2766455	Lrrc8d	0.028641194
mmu.miR.144	ILMN_3162470	Aox3l1	0.028710304
mmu.miR.470	ILMN_1251608	Gm904	0.028740403
mmu.miR.470	ILMN_2774965	Hnrpd1	0.028990762
mmu.miR.882	ILMN_2803004	C130022K22Rik	0.029025008
mmu.miR.669d	ILMN_2617335	Ndufb5	0.029033939
mmu.miR.24	ILMN_2484358	Ppp1r3e	0.029095748
mmu.miR.705	ILMN_2504823	Trim47	0.029100588
mmu.miR.3102	ILMN_2637203	Rfc5	0.02919072
mmu.miR.93	ILMN_2792362	Helb	0.029196061
mmu.miR.466i.5p	ILMN_2637408	Ccr11	0.02922508
mmu.miR.186	ILMN_1252745	Gtf2h2	0.029249707
mmu.miR.10b	ILMN_1250704	Rcsd1	0.029306203
mmu.miR.770.3p	ILMN_1235410	Glt8d2	0.029376177
mmu.miR.669h.3p	ILMN_1221594	Pparg	0.02937716
mmu.miR.374	ILMN_2674643	Tdo2	0.029475863
mmu.miR.20a	ILMN_2963223	Rab22a	0.029504895
mmu.miR.762	ILMN_2625114	Cdkal1	0.029557737
mmu.miR.340.5p	ILMN_2653633	Csmd3	0.029667813
mmu.miR.451	ILMN_3043587	Bex4	0.029810957
mmu.miR.1949	ILMN_1250467	1110034B05Rik	0.029870418
mmu.miR.1264.3p	ILMN_1218770	Adam24	0.029873282
mmu.miR.3100.3p	ILMN_1229161	Eng	0.029931834
mmu.miR.325	ILMN_1237974	Kcng3	0.029939195
mmu.miR.770.3p	ILMN_2827248	Chat	0.029973121
mmu.miR.1952	ILMN_2745433	Ergic1	0.03002199
mmu.miR.149	ILMN_2982736	1500031L02Rik	0.030031361
mmu.miR.1892	ILMN_3163110	Grik5	0.030083359
mmu.miR.1264.3p	ILMN_1240178	Ccndbp1	0.030191441
mmu.miR.668	ILMN_2966452	BC048644	0.030219282
mmu.miR.223	ILMN_2725448	Sytl3	0.030329788
mmu.miR.101b	ILMN_1224792	Sltm	0.030408745
mmu.miR.200c	ILMN_3163053	Comm3	0.030585748
mmu.miR.466e.5p	ILMN_2486600	2810008M24Rik	0.030592092
mmu.miR.361	ILMN_1220943	Nup37	0.030648877

mmu.miR.374	ILMN_1225332	Tmsb10	0.03066424
mmu.miR.1903	ILMN_2727116	Sox4	0.030894756
mmu.miR.1958	ILMN_2684693	Dusp3	0.03100701
mmu.miR.20b	ILMN_1249922	Ppp1r3e	0.031147893
mmu.miR.574.5p	ILMN_3061615	Cass4	0.031166238
mmu.miR.93	ILMN_1259494	Sirt4	0.031195123
mmu.miR.200b	ILMN_1224022	E130308A19Rik	0.031198847
mmu.miR.3082.5p	ILMN_2645719	Tmem199	0.031199083
mmu.miR.669e	ILMN_1234694	Zfp277	0.031215523
mmu.miR.665	ILMN_2904979	Dus3l	0.031231628
mmu.miR.429	ILMN_1250241	Csmd3	0.031249211
mmu.miR.337.3p	ILMN_2522818	Tnfrsf22	0.031415841
mmu.miR.505.5p	ILMN_2708222	Nlr1x1	0.031426356
mmu.miR.709	ILMN_1213200	Med16	0.031442654
mmu.miR.335.3p	ILMN_2754787	Rsrc1	0.031792163
mmu.miR.1264.3p	ILMN_1231553	Bdh1	0.031837656
mmu.miR.713	ILMN_1215832	Csmd3	0.031976396
mmu.miR.466a.5p	ILMN_2959360	Klhdc8b	0.031998541
mmu.miR.20a	ILMN_1252745	Gtf2h2	0.032025786
mmu.miR.342.3p	ILMN_3139354	Sh2b1	0.032059822
mmu.miR.3096.5p	ILMN_2910653	Bmp8a	0.032066088
mmu.miR.1892	ILMN_2774825	G3bp1	0.032127151
mmu.miR.669c	ILMN_2632890	Atp5j	0.03218557
mmu.miR.466i.5p	ILMN_2923707	Tmem141	0.032216578
mmu.miR.1954	ILMN_2738837	Nif3l1	0.03234261
mmu.miR.186	ILMN_2754787	Rsrc1	0.032448113
mmu.miR.3082.5p	ILMN_1215955	Cyp2b10	0.032457134
mmu.miR.145	ILMN_1219587	1300010F03Rik	0.032489767
mmu.miR.142.3p	ILMN_2770894	Map3k6	0.032573866
mmu.miR.30d	ILMN_2637156	Fpgt	0.032593219
mmu.miR.466m.3p	ILMN_2447121	Trim42	0.032740223
mmu.miR.466f.3p	ILMN_3005080	Clns1a	0.032803204
mmu.miR.466i.5p	ILMN_1240237	Syt15	0.032805802
mmu.miR.185	ILMN_2762026	Pcna	0.032967195
mmu.miR.667	ILMN_2765981	Krt26	0.033117514
mmu.miR.1264.3p	ILMN_2665352	Galk2	0.033342719
mmu.miR.1935	ILMN_1217753	Srpk1	0.033434805
mmu.miR.1894.3p	ILMN_2768396	Kif5b	0.033442682
mmu.miR.106a	ILMN_2658067	1700001L19Rik	0.033474941
mmu.miR.1186	ILMN_1251126	Foxp3	0.033566422
mmu.miR.1954	ILMN_2636855	Enah	0.033567643
mmu.miR.20b	ILMN_1259787	Osr1	0.033585774
mmu.miR.291a.5p	ILMN_2701570	Zc3hc1	0.033601606
mmu.miR.669i	ILMN_1224410	Pcdhb11	0.033621569
mmu.miR.329	ILMN_2692657	Ighmbp2	0.03378444
mmu.miR.3100.3p	ILMN_1256492	Anxa6	0.033820928
mmu.miR.678	ILMN_2749471	Fut8	0.033907255
mmu.miR.466a.5p	ILMN_1219072	Flt4	0.033933668
mmu.miR.3100.3p	ILMN_2699700	Arpc1a	0.033985731



mmu.miR.470	ILMN_2473337	Tmed10	0.034091746
mmu.miR.142.5p	ILMN_1216713	Mrpl15	0.034098118
mmu.let.7a	ILMN_1236008	Isoc2a	0.034294287
mmu.miR.223	ILMN_2615575	5031414D18Rik	0.034303445
mmu.miR.122	ILMN_2545178	Matk	0.034563463
mmu.miR.470	ILMN_1226325	Cnm2	0.034654126
mmu.miR.690	ILMN_1220793	Rbm4b	0.034704204
mmu.miR.1954	ILMN_2733843	Dmrt1	0.034837024
mmu.miR.340.5p	ILMN_1225770	Epn2	0.035078528
mmu.miR.126.5p	ILMN_2770381	Cd80	0.035128816
mmu.miR.1892	ILMN_1249301	Bckdk	0.035215153
mmu.miR.29a	ILMN_2810882	Ppic	0.035285201
mmu.miR.712	ILMN_2604056	Nsun5	0.035376322
mmu.miR.3082.5p	ILMN_1216110	Slc35d3	0.03557518
mmu.miR.291a.5p	ILMN_2756474	Amz1	0.035589463
mmu.miR.497	ILMN_2686393	Gna12	0.03562127
mmu.miR.1935	ILMN_2806290	Kbtbd4	0.035668894
mmu.miR.31	ILMN_2476452	Cpm	0.035729325
mmu.miR.149	ILMN_2652414	Ncald	0.035743333
mmu.miR.466e.5p	ILMN_1225281	Dsg4	0.035769843
mmu.miR.337.3p	ILMN_2428961	Xpnpep1	0.035849333
mmu.miR.3068	ILMN_2685856	Myo15	0.035856699
mmu.miR.320	ILMN_3142248	Phc1	0.035904673
mmu.miR.3100.3p	ILMN_2568578	Tbxas1	0.035968345
mmu.miR.152	ILMN_1244006	Epn2	0.03599471
mmu.miR.337.3p	ILMN_2789125	Stard7	0.036018514
mmu.miR.181a	ILMN_2717079	Hoxa11	0.036042779
mmu.miR.26a	ILMN_1248268	Zfp709	0.036057662
mmu.miR.374	ILMN_2720352	Cfhr1	0.03611338
mmu.miR.23a	ILMN_2658107	Zc3h13	0.036147813
mmu.miR.712	ILMN_2655273	Slu7	0.036220274
mmu.miR.92b	ILMN_2596821	1810024B03Rik	0.036231461
mmu.miR.144	ILMN_2684222	Ddx59	0.036247022
mmu.miR.106b	ILMN_2661558	Spinlw1	0.036330115
mmu.miR.26a	ILMN_1259769	Pabpc1	0.036380153
mmu.miR.224	ILMN_1216425	Tmem174	0.036626788
mmu.miR.709	ILMN_2689678	Ddx54	0.036653473
mmu.miR.338.5p	ILMN_1216713	Mrpl15	0.036692503
mmu.miR.1958	ILMN_2894450	Snx15	0.036702021
mmu.miR.1903	ILMN_2634742	S100b	0.036920953
mmu.miR.712	ILMN_2811775	4930428D18Rik	0.036925399
mmu.miR.875.3p	ILMN_2711978	Tead4	0.036947677
mmu.miR.3100.3p	ILMN_2597686	Rrbp1	0.036968431
mmu.miR.155	ILMN_1244180	Irf2bp2	0.037000713
mmu.miR.466f.3p	ILMN_2750062	Arhgap24	0.037139724
mmu.miR.3084	ILMN_2811240	Tprkb	0.037199026
mmu.miR.712	ILMN_1224380	Gosr2	0.037199916
mmu.miR.505.5p	ILMN_2958484	Nlrx1	0.037210742
mmu.miR.325	ILMN_2792868	Blvrb	0.037299098

mmu.miR.465b.5p	ILMN_2458275	Ubap1	0.037331109
mmu.miR.324.3p	ILMN_2706906	LOC100047937	0.037350322
mmu.miR.24	ILMN_2998934	Cited4	0.037574468
mmu.miR.882	ILMN_2762026	Pcna	0.037608979
mmu.miR.126.5p	ILMN_2596441	Magea5	0.037621652
mmu.miR.1949	ILMN_2605094	Rsl1d1	0.03793723
mmu.miR.340.5p	ILMN_3137956	E130308A19Rik	0.037971468
mmu.miR.30b	ILMN_2754569	Ccdc15	0.038053936
mmu.miR.1264.3p	ILMN_3115826	Esr2	0.038101504
mmu.miR.762	ILMN_2649818	Specc1	0.038118837
mmu.miR.195	ILMN_2649955	Tarbp2	0.038179023
mmu.miR.1929	ILMN_3147584	Fads3	0.038209514
mmu.miR.296.5p	ILMN_2959976	Tom1	0.038225943
mmu.miR.466m.3p	ILMN_2602607	1810037117Rik	0.038320663
mmu.miR.142.5p	ILMN_2445378	Gcnt3	0.03835935
mmu.miR.325	ILMN_1212739	Hgd	0.03837001
mmu.miR.466f.3p	ILMN_2640961	Acyp1	0.038380138
mmu.miR.466d.5p	ILMN_2499746	Trim27	0.038491114
mmu.miR.883b.5p	ILMN_2546004	1300010F03Rik	0.038506432
mmu.miR.762	ILMN_2813484	Per1	0.038607612
mmu.miR.467e	ILMN_2804261	Cald1	0.038684762
mmu.miR.205	ILMN_2786125	Zfp758	0.03875841
mmu.miR.466m.3p	ILMN_2672147	Slc17a4	0.038761144
mmu.miR.466f	ILMN_1255190	C1rl	0.038944742
mmu.miR.466n.3p	ILMN_2599692	Gldn	0.039014509
mmu.miR.762	ILMN_2712668	Pfkfb4	0.039137573
mmu.miR.466m.3p	ILMN_2667020	Ryk	0.039156156
mmu.miR.465b.5p	ILMN_2739989	4930534B04Rik	0.03921457
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mmu.miR.374	ILMN_1245031	Pak1ip1	0.03937454
mmu.miR.152	ILMN_1241611	Zfp39	0.039405139
mmu.miR.669n	ILMN_2769153	4930455F23Rik	0.039484275
mmu.miR.465b.5p	ILMN_1239110	Eef2	0.039581564
mmu.miR.1961	ILMN_3128363	Slc14a2	0.039642951
mmu.miR.677	ILMN_2702159	Clec4f	0.039683995
mmu.miR.468	ILMN_2620994	Bhmt	0.03984262
mmu.miR.5097	ILMN_1252745	Gtf2h2	0.039897081
mmu.miR.3100.3p	ILMN_2744337	Cd47	0.039958947
mmu.miR.1954	ILMN_2457326	Tssc1	0.039974625
mmu.miR.3473	ILMN_1234480	Hsd3b2	0.040050655
mmu.miR.1900	ILMN_2756041	Pkm2	0.040111418
mmu.miR.98	ILMN_3128363	Slc14a2	0.040191937
mmu.miR.297a	ILMN_2746906	Nudt19	0.040207718
mmu.miR.881	ILMN_1230321	Cdh19	0.040246282
mmu.miR.669h.3p	ILMN_2617925	Dhx57	0.040461955
mmu.miR.1903	ILMN_2741563	Samd7	0.040516453
mmu.miR.1958	ILMN_2834850	Fkbp3	0.040613726
mmu.miR.497	ILMN_2514292	Zyx	0.040738371
mmu.miR.883a.5p	ILMN_2874409	Fadd	0.040821675

mmu.miR.3098.3p	ILMN_1237338	Ddx25	0.040894976
mmu.miR.1196	ILMN_2423789	Sae1	0.040922198
mmu.miR.24	ILMN_2968369	Kcnip1	0.040932311
mmu.miR.497	ILMN_2768905	Mink1	0.040975514
mmu.miR.710	ILMN_1248124	Btg4	0.041083471
mmu.miR.1961	ILMN_1236008	Isoc2a	0.041231485
mmu.miR.325	ILMN_2949869	Ift88	0.041341872
mmu.miR.883a.5p	ILMN_2658786	Cxcr3	0.041419381
mmu.miR.677	ILMN_2923736	Txndc15	0.041558968
mmu.miR.142.5p	ILMN_2603647	Clec2d	0.041594228
mmu.miR.693.5p	ILMN_3064382	Phc1	0.04166055
mmu.miR.1903	ILMN_1235447	Nlrc4	0.041684551
mmu.let.7b	ILMN_1260233	Klh6	0.04169417
mmu.miR.767	ILMN_2762672	Cacna2d3	0.041785782
mmu.miR.150	ILMN_1260219	Adipor2	0.0417933
mmu.miR.101b	ILMN_1254579	Crisp4	0.041909104
mmu.miR.693.5p	ILMN_1213518	Ivd	0.041983947
mmu.miR.5097	ILMN_2740134	Idh3a	0.04206437
mmu.miR.34a	ILMN_1237983	Padi2	0.042092424
mmu.miR.142.3p	ILMN_1227552	Itga8	0.042172817
mmu.miR.224	ILMN_2478649	Myot	0.042183447
mmu.miR.339.5p	ILMN_2741421	Dkk4	0.042237934
mmu.miR.883a.5p	ILMN_1231705	Tmem48	0.042239168
mmu.miR.207	ILMN_2923717	Kcnt1	0.04240843
mmu.miR.721	ILMN_2908547	Arfgap1	0.042506841
mmu.miR.3098.3p	ILMN_2977849	Fank1	0.042563628
mmu.let.7b	ILMN_3149680	Fbxl12	0.042625447
mmu.miR.497	ILMN_2669991	Tmem135	0.042715065
mmu.miR.3096.5p	ILMN_1247506	Saa4	0.042754073
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mmu.miR.706	ILMN_1240344	Gpr152	0.042821891
mmu.miR.20b	ILMN_1252745	Gtf2h2	0.0429642
mmu.miR.3084	ILMN_2606498	Tapbpl	0.042991528
mmu.miR.142.3p	ILMN_2687881	Rab23	0.043326595
mmu.miR.291a.5p	ILMN_2681248	Myo3b	0.043369462
mmu.miR.1192	ILMN_2558874	Clcn5	0.043373184
mmu.miR.150	ILMN_2740259	Myh1	0.043377959
mmu.miR.30b	ILMN_1221901	Dock7	0.043431226
mmu.miR.466n.3p	ILMN_1254073	Cald1	0.043489288
mmu.miR.20b	ILMN_2749911	Ube2q2	0.043526321
mmu.miR.669n	ILMN_2647197	Rasd1	0.043580074
mmu.miR.466f.3p	ILMN_3040693	Lamc3	0.043614433
mmu.miR.20a	ILMN_2484358	Ppp1r3e	0.043797102
mmu.miR.470	ILMN_2637156	Fpgt	0.044122605
mmu.miR.466i.5p	ILMN_2712873	Cyb5r3	0.044155327
mmu.miR.181b	ILMN_1221901	Dock7	0.04415705
mmu.miR.325	ILMN_3002181	Ppif	0.044224521
mmu.miR.1892	ILMN_2706251	Cxxc1	0.044319685
mmu.miR.712	ILMN_2696272	Tmem185b	0.044392251

mmu.miR.106b	ILMN_1245103	G6pc	0.044414082
mmu.miR.468	ILMN_1214369	Nfe2l2	0.044499381
mmu.miR.1192	ILMN_2767216	Actc1	0.044524791
mmu.miR.3068	ILMN_2631014	Pias3	0.044811593
mmu.miR.337.3p	ILMN_2424555	Zkscan6	0.044816176
mmu.miR.5097	ILMN_1224318	Kctd3	0.04500636
mmu.miR.374	ILMN_2662776	Mpdz	0.045044202
mmu.miR.3082.5p	ILMN_1234514	Klhl22	0.045095452
mmu.miR.338.5p	ILMN_1224076	2810453I06Rik	0.045164783
mmu.miR.1186	ILMN_2637466	Uspl1	0.045181107
mmu.miR.149	ILMN_3057208	Slc35c1	0.045229302
mmu.miR.329	ILMN_2799163	4930596D02Rik	0.045260361
mmu.miR.668	ILMN_1222853	Cdh3	0.045306551
mmu.miR.339.5p	ILMN_1237163	Kif15	0.045434724
mmu.miR.223	ILMN_2819319	Rrm2	0.045449474
mmu.miR.466f.3p	ILMN_2649083	Clns1a	0.045514895
mmu.miR.149	ILMN_2794460	Ncoa5	0.045519493
mmu.miR.25	ILMN_1248758	Rfx1	0.04560674
mmu.miR.291a.5p	ILMN_3160517	Cox17	0.04560677
mmu.miR.338.3p	ILMN_2692657	Ighmbp2	0.045611782
mmu.miR.125a.5p	ILMN_2923717	Kcnt1	0.04575568
mmu.miR.374	ILMN_2620406	Nptx2	0.045762602
mmu.miR.1958	ILMN_1246058	Ppp1ca	0.045875462
mmu.miR.466f.3p	ILMN_2879382	Med10	0.04593187
mmu.miR.122	ILMN_2756041	Pkm2	0.045948254
mmu.miR.326	ILMN_1255516	1810041L15Rik	0.045973166
mmu.miR.144	ILMN_1224128	Nfe2l2	0.046008045
mmu.miR.720	ILMN_2660663	Ak2	0.046262398
mmu.miR.669h.3p	ILMN_1220401	Gtf2h2	0.046385651
mmu.miR.3473	ILMN_1247131	2310044H10Rik	0.046480956
mmu.miR.669n	ILMN_1228615	Zfp366	0.046485058
mmu.miR.1958	ILMN_1220336	Tmc1	0.046570103
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mmu.miR.1264.3p	ILMN_1249606	Rpl7l1	0.046938045
mmu.miR.181a	ILMN_2719702	Rasl10a	0.046972153
mmu.miR.194	ILMN_1252526	Zswim3	0.047019201
mmu.miR.34b.5p	ILMN_2815024	Fut8	0.047052918
mmu.miR.149	ILMN_2511768	Ttc17	0.047417403
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mmu.miR.1196	ILMN_1250088	4921524J17Rik	0.047551678
mmu.miR.93	ILMN_1221587	Ppp1r3e	0.047577708
mmu.miR.875.3p	ILMN_2599986	Tead4	0.047625927
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mmu.miR.130a	ILMN_3029294	Rab34	0.047743509
mmu.miR.713	ILMN_2611159	Stard7	0.047765258
mmu.miR.106b	ILMN_2624544	Helb	0.047779184
mmu.miR.126.5p	ILMN_1255644	Atn1	0.047857583
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mmu.miR.693.5p	ILMN_2728038	Arhgap24	0.04794294

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mmu.miR.3068	ILMN_2511768	Ttc17	0.047983279
mmu.miR.125b.5p	ILMN_2589790	Stat3	0.047998059
mmu.miR.297a	ILMN_2666677	Cel	0.048139743
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mmu.miR.302a	ILMN_2624544	Helb	0.048258983
mmu.miR.148b	ILMN_1220235	B4galt5	0.048348276
mmu.miR.883b.5p	ILMN_1216279	Irf6	0.048580959
mmu.miR.669m.3p	ILMN_2434327	Ugt2a1	0.04869135
mmu.miR.151.3p	ILMN_1236529	Spata16	0.048704851
mmu.miR.126.5p	ILMN_1222902	Cdan1	0.048750062
mmu.miR.21	ILMN_2985761	Gm1322	0.049039477
mmu.miR.706	ILMN_2586510	Pik3c2g	0.049111896
mmu.miR.142.5p	ILMN_1214369	Nfe2l2	0.049191851
mmu.miR.466d.5p	ILMN_2507494	Tmem141	0.049224117
mmu.miR.30a	ILMN_2896341	Zfp709	0.049235698
mmu.miR.324.3p	ILMN_2641360	Ak2	0.049249798
mmu.miR.2861	ILMN_2440602	Tlr5	0.049267923
mmu.let.7c	ILMN_3070975	Fbxl12	0.049411086
mmu.miR.706	ILMN_2510467	Sco1	0.049648868
mmu.miR.883b.5p	ILMN_1223516	E130309F12Rik	0.049692324
mmu.let.7g	ILMN_1224697	Fbxl12	0.049860446
mmu.miR.207	ILMN_1244460	Efna1	0.04987117
mmu.miR.290.5p	ILMN_3147584	Fads3	0.049997259