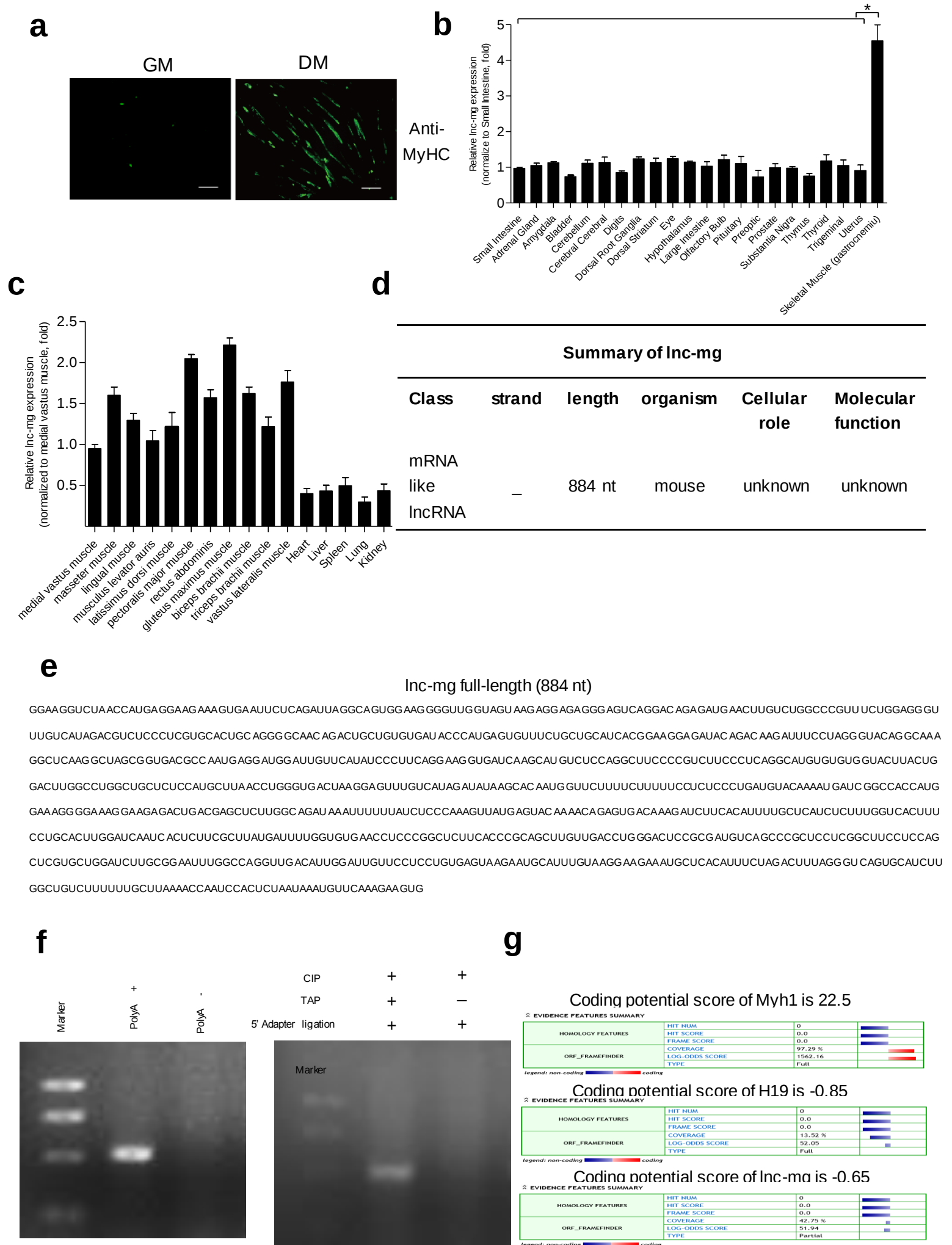
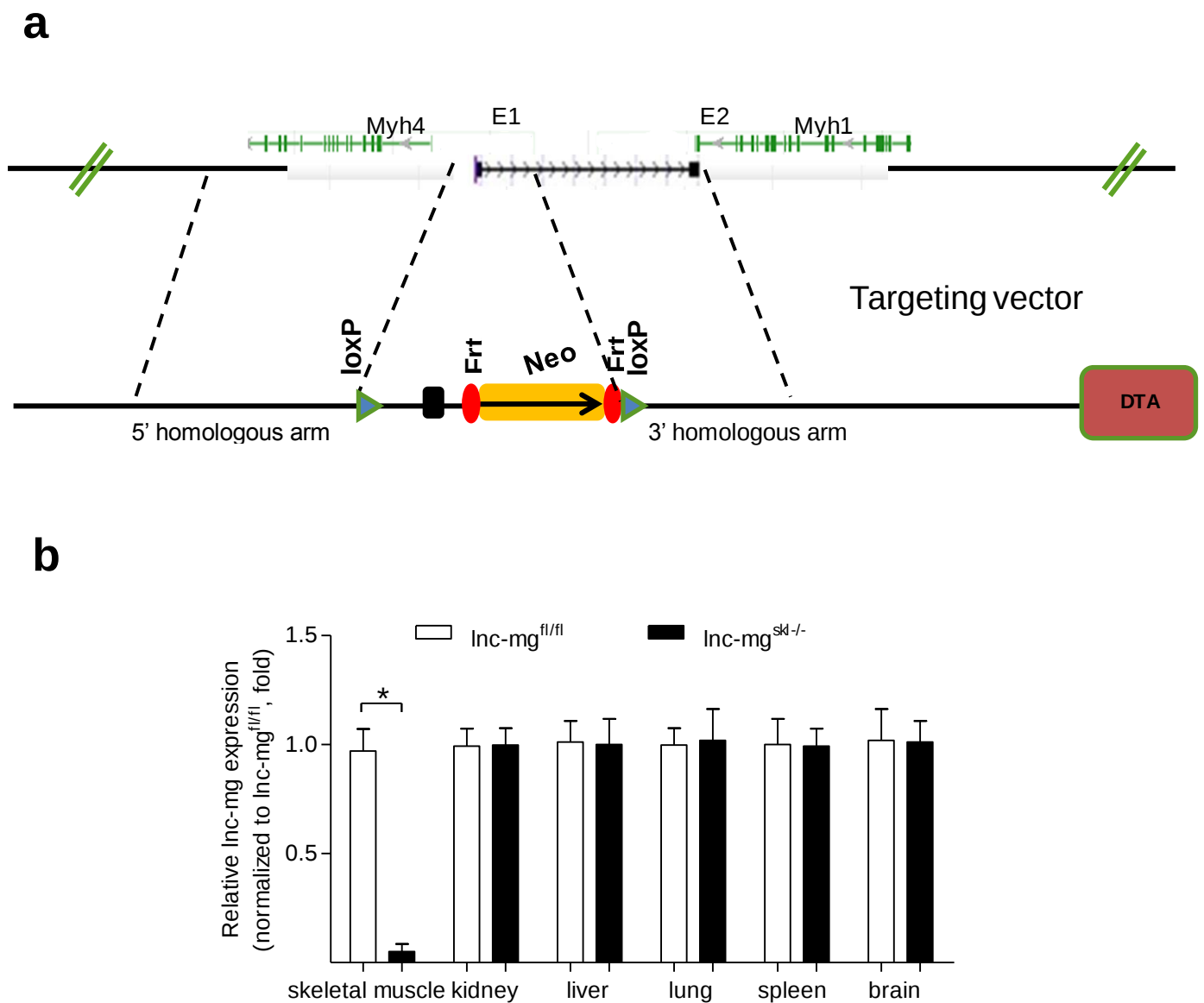
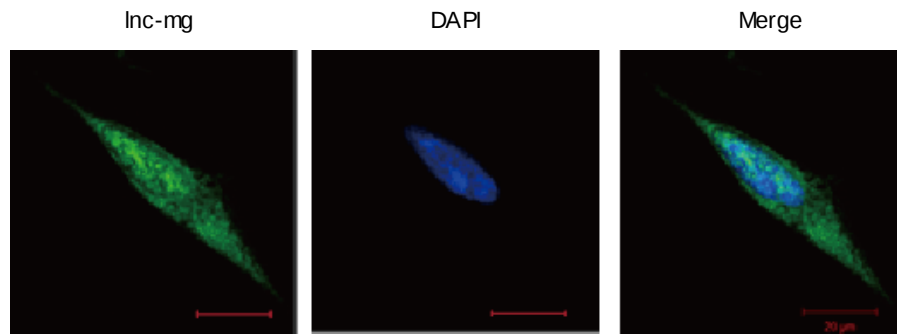
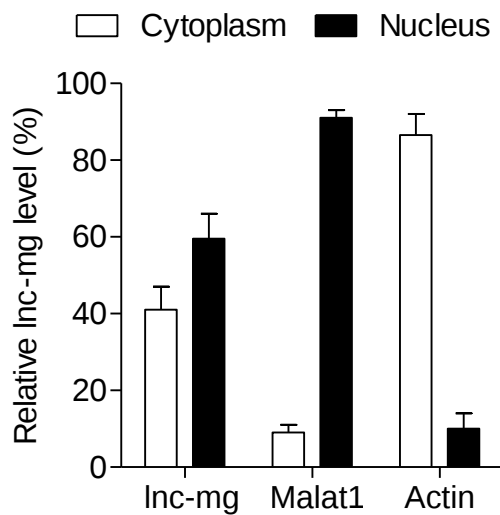
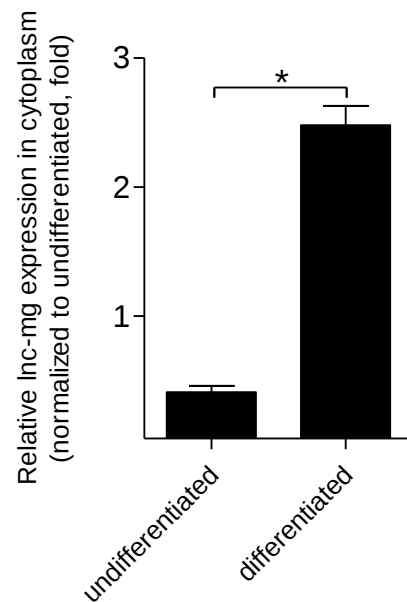




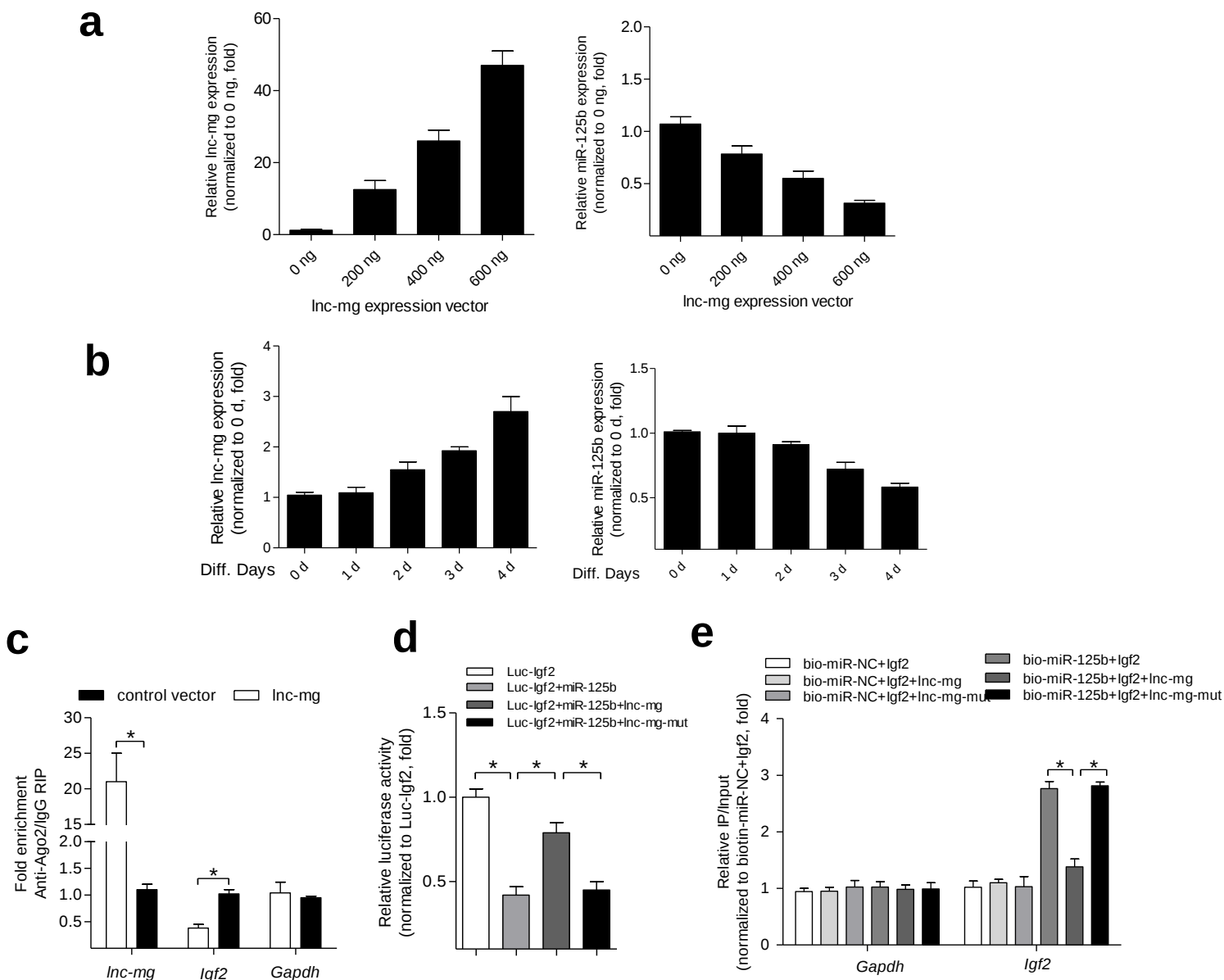
Supplementary Figure 1. Characterization of lnc-mg. (a) MyHC immunostaining of undifferentiated muscle stem cells (GM) and five days of differentiated muscle stem cells (DM). Scale bar: 40 μ m. (b) Real-time PCR analysis of lnc-mg expression in 22 types of mouse tissues. Mean values $\pm$ SEM, n=6, * P < 0.05. Mice were 8-week old, three for male, three for female. (c) Real-time PCR analysis of lnc-mg expression in 16 types of mouse skeletal muscles. Mean values $\pm$ SEM, n=6. Mice were 8-week old, three for male, three for female. (d) The molecular information of lnc-mg. (e) The transcript sequence of lnc-mg. (f) Left: real-time PCR analysis of lnc-mg expression in polyA⁺ and polyA⁻ RNA fraction from muscle stem cells. Right: total RNA from muscle stem cells was treated with Calf Intestine Alkaline Phosphatase (CIP) to remove free 5'-P, then treated with Tobacco Acid Pyrophosphatase (TAP) to remove the cap structure and then a RNA adapter oligonucleotide was ligated to the RNA population using T4 RNA ligase (FistChoice RLM-RACE Kit, Ambion). (g) Bioinformatics analysis of the coding capability of *Myh1*, *H19* and lnc-mg. The data statistical significance is assessed by Student's *t*-test.



Supplementary Figure 2. Generation of *lnc-mg*^{skl-/-} mice. (a) Targeting strategy for lnc-mg conditional knockout in mouse. (b) Real-time PCR analysis of lnc-mg expression in mouse tissues from *lnc-mg*^{fl/fl} mice and *lnc-mg*^{skl-/-} mice. Mean values $\pm$ SEM, n=4, * P < 0.05. The data statistical significance is assessed by Student's *t*-test.

a**b****c**

Supplementary Figure 3. The location lnc-mg in cytoplasm. (a) The subcellular localization of lnc-mg in C2C12 cells determined by fluorescent *in situ* hybridization (FISH). Scale bar: 20 μ m. (b) Real-time PCR analysis of the subcellular localization of lnc-mg in C2C12 cells. Mean values $\pm$ SEM, n=4. (c) Real-time PCR analysis of lnc-mg level in cytoplasm of undifferentiated C2C12 cells and four days differentiated C2C12 cells. Mean values $\pm$ SEM, n=4, * P < 0.05. The data statistical significance is assessed by Student's *t*-test.



Supplementary Figure 4. Inc-mg regulates Igf2 expression by competing for miR-125b. (a) Real-time PCR analysis of the expression of Inc-mg and miR-125b in C2C12 cells after transfected with 200 ng, 400 ng or 600 ng Inc-mg expression vector for 48 h. Mean values $\pm$ SEM, n=4. (b) Real-time PCR analysis of the relative expression of Inc-mg and miR-125b during C2C12 cells myogenic differentiation. Mean values $\pm$ SEM, n=4. (c) RIP assay of the enrichment of Ago2 on Inc-mg, *Igf2* and *Gapdh* relative to IgG in C2C12 cells transfected with Inc-mg empty vector (control vector) or Inc-mg overexpression vector (Inc-mg). Mean values $\pm$ SEM, n=4, * P < 0.05. (d) The relative luciferase activity of psiCHECK-2 containing *Igf2* 3'UTR co-transfected with miR-125b, miR-125b and Inc-mg, miR-125b and mutated Inc-mg respectively. Mean values $\pm$ SEM, n=4, * P < 0.05. (e) Streptavidin capture was performed for C2C12 myoblasts co-transfected with biotin-miR-NC or biotin-miR-125b and *Igf2* 3'UTR, *Igf2* 3'UTR with Inc-mg or *Igf2* 3'UTR with Inc-mg-mut, followed by real-time PCR to detect *Igf2* mRNA and *Gapdh* mRNA levels.

Supplementary Figure 5 Unprocessed scans of Western blots

Figure 5k

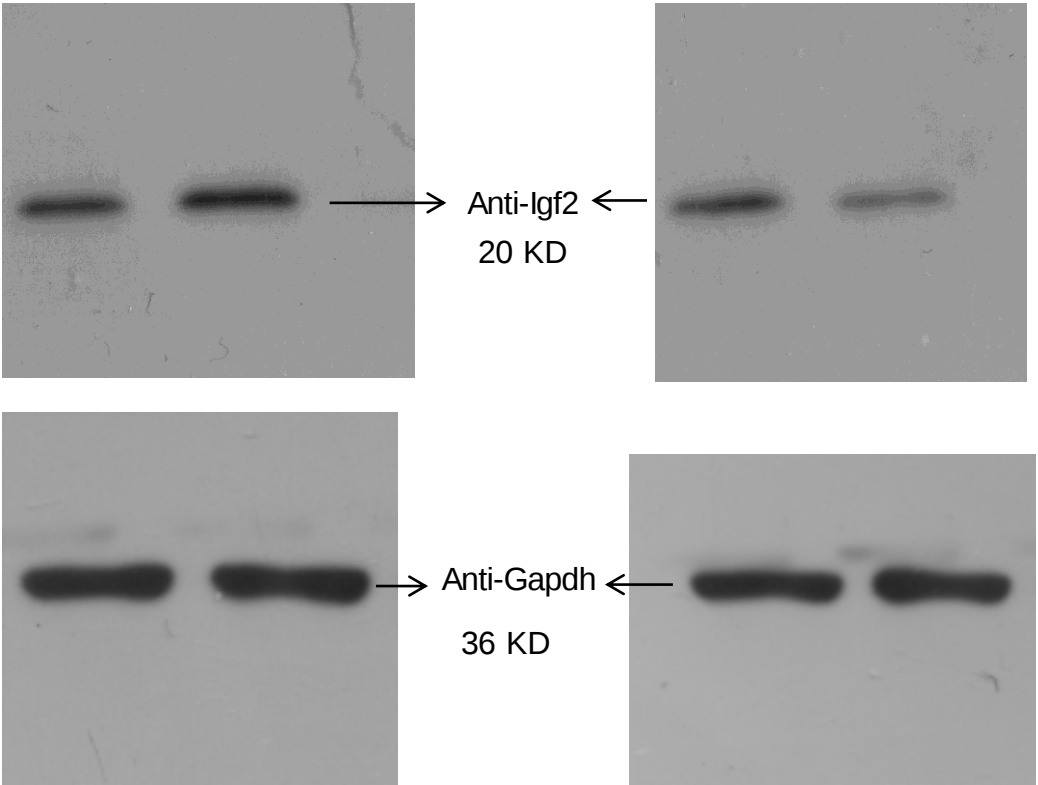
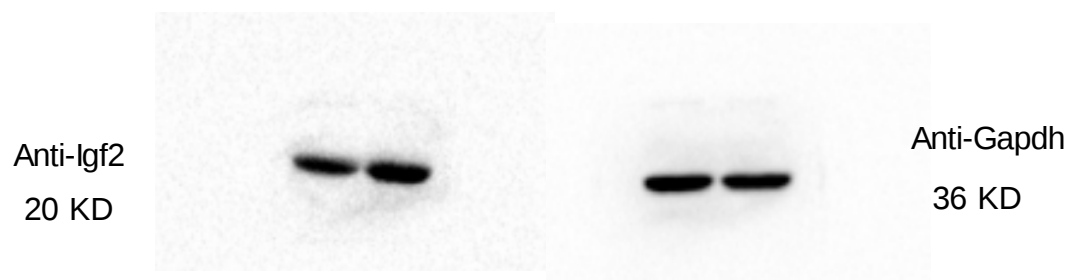


Figure 6b



Figure 6e



Supplementary Table 1 Differently expressed lncRNA determined by microarray

	log2					
ID	GM	DM	DM/G M	Regulati on	transcription id	gene name
RB_p_000100018	10.51109	14.95444	4.443345	up	XM_915111.5	LOC636306
RB_p_000112817	8.782452	12.76674	3.984284	up	XM_907182.4	LOC631966
RB_p_000109269	7.60733	11.43931	3.831981	up	XM_003946264.1	LOC100046151
RB_p_000123147	7.785725	11.40052	3.614799	up	NR_001592.1	H19
RB_p_000146129	10.66622	14.23018	3.563959	up	XM_001002242.3	Gm8430
RB_p_000146123	11.14147	14.53374	3.392267	up	XM_973722.2	Gm7429
RB_p_000131139	11.12432	14.25798	3.133659	up	NM_001177468.1	Gm7325
RB_p_000110972	8.615936	11.74609	3.130158	up	XM_891806.3	Gm6570
RB_p_000162481	12.65817	15.76284	3.104666	up	XR_001564.2	Gm6252
RB_p_000125485	8.654636	11.72579	3.071156	up	XM_003086679.3	Gm5908
RB_p_000110150	10.19599	13.24074	3.044754	up	XR_107848.2	Gm5879
RB_p_000118619	10.94447	13.80861	2.864144	up	NM_001033297.2	Gm561
RB_p_000150223	11.85136	14.70298	2.851626	up	XM_484272.5	Gm5451
RB_p_000150650	9.494522	12.24476	2.750238	up	XM_356811.4	Gm5215
RB_p_000140381	12.55651	15.25742	2.700919	up	XM_003945622.1	Gm15453
RB_p_000111583	8.643856	11.33092	2.687061	up	XM_001476804.2	Gm12816
RB_p_000103113	8.767081	11.44812	2.681035	up	NM_001122660.1	Gm10639
RB_p_000112610	10.1646	12.8453	2.680709	up	NR_002885.3	Gm10052
RB_p_000161827	12.91656	15.5756	2.659035	up	XM_001480280.2	Gm10045
RB_p_00014402	12.060	14.681	2.6202	up	F830221I04	AK172626

5	92	22	99			
RB_p_00011974 3	7.8968 37	10.494 86	2.5980 19	up	F830207P20	AK172445
RB_p_00012908 9	11.485 33	14.073 58	2.5882 58	up	F830119M20	AK172311
RB_p_00011972 4	7.9088 93	10.496 52	2.5876 28	up	F830019N15	AK171928
RB_p_00013726 7	12.261 12	14.829 28	2.5681 61	up	G830036B20	AK166314
RB_p_00013779 9	12.018 08	14.508 43	2.4903 5	up	F530207G06	AK165502
RB_p_00012164 6	7.4757 33	9.9376 19	2.4618 86	up	D630009K18	AK164696
RB_p_00012751 7	8.7846 35	11.212 7	2.4280 64	up	8230402K13	AK162281
RB_p_00010100 2	9.1232 59	11.549 14	2.4258 84	up	F930025D07	AK158068
RB_p_00008889 7	9.4171 49	11.824 43	2.4072 79	up	I920040M19	AK146676
RB_p_00016372 1	9.4297 55	11.817 78	2.3880 28	up	I730048I08	AK146302
RB_p_00014635 8	10.841 83	13.229 02	2.3871 93	up	C530009H14	AK141413
RB_p_00011862 6	8.3677 79	10.715 68	2.3478 97	up	C130037G23	AK140828
RB_p_00009895 2	10.554 27	12.899 11	2.3448 36	up	A430085M09	AK138821
RB_p_00011510 7	8.8084 28	11.144 66	2.3362 3	up	9230023I17	AK136693
RB_p_00011973 5	7.9753 7	10.245 55	2.2701 82	up	7420409C10	AK135737
RB_p_00009319 4	8.7824 52	11.015 42	2.2329 63	up	5330435P14	AK133680
RB_p_00010012 8	10.533 33	12.763 49	2.2301 59	up	4932427A08	AK133261
RB_p_00012178 6	9.5124 11	11.725 22	2.2128 13	up	E430002O04	AK088055
RB_p_00016291 8	10.353 51	12.544 12	2.1906 05	up	C130078C04	AK081798
RB_p_00015914 9	10.576 48	12.719 17	2.1426 91	up	C130071K02	AK081720
RB_p_00016366 3	10.620 22	12.756 14	2.1359 19	up	A730075L20	AK080530

RB_p_00012625 5	9.9575 86	12.092 04	2.1344 56	up	AK078704	AK078704
RB_p_00012625 4	9.9820 43	12.113 42	2.1313 74	up	6230412L15	AK078021
RB_p_00010987 5	8.5494 64	10.650 75	2.1012 89	up	E330032N24	AK054496
RB_p_00010969 7	9.4750 58	11.566 21	2.0911 55	up	E230013J01	AK054033
RB_p_00012110 6	10.091 88	12.135 07	2.0431 92	up	C920030K03	AK050666
RB_p_00009978 5	7.7965 8	9.8376 28	2.0410 47	up	C730047G17	AK050424
RB_p_00014042 2	8.6911 62	10.712 96	2.0217 95	up	C130049E09	AK048321
RB_p_00009999 3	9.6202 2	11.639 72	2.0194 98	up	A630028C14	AK041654
RB_p_00012278 8	9.7256 5	11.733 3	2.0076 48	up	A630012F06	AK041461
RB_p_00011977 8	7.6747 81	9.6753 69	2.0005 88	up	A430102C15	AK040479
RB_p_00013445 4	8.3279 27	10.326 05	1.9981 28	up	A130053K16	AK037838
RB_p_00009833 5	7.9981 2	9.9782 34	1.9801 14	up	9930028G15	AK036940
RB_p_00013114 6	8.9820 43	10.952 01	1.9699 7	up	5930427B08	AK031194
RB_p_00012727 0	7.6462 59	9.5616 06	1.9153 47	up	4732467D23	AK028893
RB_p_00008789 3	8.1565 04	10.064 74	1.9082 38	up	4930452A19	AK019626
RB_p_00010093 6	8.3575 52	10.260 53	1.9029 76	up	6330417L24	AK018194
RB_p_00010409 4	8.4401 77	10.324 18	1.8840 03	up	5830469G19	AK018045
RB_p_00009997 6	8.7073 59	10.588 71	1.8813 56	up	4933433P14	AK017049
RB_p_00011929 6	8.8631 54	10.731 88	1.8687 31	up	3300002L04	AK014372
RB_p_00009773 2	8.7879 03	10.576 48	1.7885 82	up	2900053I11	AK013679
RB_p_00009703 5	7.9088 93	9.6635 58	1.7546 65	up	2810047D15	AK012912
RB_p_00012849 1	7.9228 32	9.6659 28	1.7430 96	up	AK011683	AK011683

RB_p_000119053	7.774787	9.5157	1.740913	up	2410006H16	AK010427
RB_p_000105356	8.327927	10.05528	1.727356	up	2310058C22	AK009974 (lnc-mg)
RB_p_000135380	8.424866	10.13614	1.711271	up	2210408N17	AK008861
RB_p_000089525	7.8095	9.466246	1.656746	up	1700047O18	AK006720
RB_p_000097577	8.247928	9.89986	1.651933	up	1700003H21	AK005641
RB_p_000150942	7.820179	9.388017	1.567838	up	1110038B12	AK004150
RB_p_000091975	7.634206	9.172428	1.538221	up	1110007F12	AK003535
RB_p_000104279	9.182394	7.15313	-2.02926	down	1110005B01	AK003454
RB_p_000118989	10.1472	8.075033	-2.07217	down	1110002C15	AK003280
RB_p_000101564	10.29194	8.201307	-2.09063	down	1100001I11	AK003172
RB_p_000140319	11.09099	8.735838	-2.35516	down	0610038G21	AK002796
RB_p_000141894	10.56605	8.156504	-2.40955	down	NR_073462.1	5730488B01 Rik
RB_p_000148444	11.98276	9.5157	-2.46706	down	NM_183104.2	4931429L15 Rik
RB_p_000121695	12.18498	9.670656	-2.51432	down	NR_030738.1	2410006H16 Rik
RB_p_000096731	10.39732	7.857981	-2.53934	down	NR_038151.1	2410004N09 Rik
RB_p_000100408	10.93688	8.296151	-2.64073	down	NR_027820.1	1810032O08 Rik
RB_p_000094370	12.48545	9.768736	-2.71672	down	NM_028046.1	1600014K23 Rik
RB_p_000160293	12.17264	9.385143	-2.78749	down	NR_015536.1	1110038B12R ik
RB_p_000150252	11.47184	8.156504	-3.31534	down	NM_024179.5	0610009O20 Rik

Supplementary Table 2 Primers and shRNA sequences used in this study

Genes (mmu)		sequence	accession number	product lengths
lnc-mg	forward	5'-CTGCATCACGGAAGGAGATA-3'	N/A	89 bp
	reverse	5'-AACAAATCCATCCTCATTTGGC-3'		
<i>MyoD</i>	forward	5'-GGGCCGCTGTAATCCATCATG-3'	NM_010866.2	121 bp
	reverse	5'-CTGCCTTCTACGCACCTGGA-3'		
<i>MyoG</i>	forward	5'-AAGTGAATGAGGCCTTCGAG-3' (ref 49)	NM_031189.2	178 bp
	reverse	5'-AGATTGTGGCGTCTGTAGG-3'		
miR-125b	RT primer	5'-GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACT GGATACGACTCACAA-3'	NR_029822.1	
miR-125b	forward	5'-CACGCATCCCTGAGACCC-3'	NR_029822.1	59 bp
	reverse	5'-CCAGTGCAGGGTCCGAGGTA-3'		
<i>U6</i>	forward	5'-CGCTTCGGCAGCACATATA-3'	NR_003027.2	87 bp
	reverse	5'-TTCACGAATTTCGCTGT CAT-3'		
<i>Gapdh</i>	forward	5'-TCACCACCATGGAGAAGGC-3'	NM_001289726.1	169 bp
	reverse	5'-GCTAAGCAGTTGGTGGTGCA-3'		
lnc-mg	shRNA	GAGGATGGATTGTT CATATCC	N/A	

Supplementary Table 3 Differently expressed miRNA determined by microarray

ID_REF	Name	shRNA	shRNA-NC	Inc-mg	control
RB_p_mrmir000000979	mmu-let-7a-1-3p:MIMAT0004620; mmu-let-7c-2-3p:MIMAT0005439	3.227034	3.008375129	6.548451	2.38207
RB_p_mrmir0000001071	mmu-let-7a-2-3p:MIMAT0017015	7.720342	4.722111186	6.637939	5.274966
RB_p_mrmir0000001899	mmu-let-7a-5p:MIMAT0000521	4.892194	4.797776641	8.37922	3.675846
RB_p_mrmir000000975	mmu-let-7b-3p:MIMAT0004621	8.091048	6.977980915	6.654627	7.025056
RB_p_mrmir0000001901	mmu-let-7b-5p:MIMAT0000522	9.025856	8.588755276	9.850291	9.604672
RB_p_mrmir0000001070	mmu-let-7c-1-3p:MIMAT0004622	2.741512	6.818973262	5.82493	3.332947
RB_p_mrmir0000001900	mmu-let-7c-5p:MIMAT0000523	6.801274	6.350863977	6.469446	7.067119
RB_p_mrmir000000985	mmu-let-7d-3p:MIMAT0000384	7.197653	1.985534057	4.227622	8.644288
RB_p_mrmir000000319	mmu-let-7d-5p:MIMAT0000383	6.0825	4.351857125	5.365724	2.065209
RB_p_mrmir000000986	mmu-let-7e-3p:MIMAT0017016	6.30831	5.37789906	6.233349	5.691887
RB_p_mrmir0000001895	mmu-let-7e-5p:MIMAT0000524	6.940103	6.920868814	6.236967	7.349212
RB_p_mrmir000000981	mmu-let-7f-1-3p:MIMAT0004623	6.785132	2.248253848	5.874908	5.382959
RB_p_mrmir000000982	mmu-let-7f-2-3p:MIMAT0017017	5.030245	3.254532927	6.716674	0.357072
RB_p_mrmir0000001898	mmu-let-7f-5p:MIMAT0000525	4.466693	7.525638308	5.145362	4.665605
RB_p_mrmir000000278	mmu-let-7g-3p:MIMAT0004519	4.779796	2.825972308	5.658021	2.665997
RB_p_mrmir0000001903	mmu-let-7g-5p:MIMAT0000121	7.970647	6.268583197	4.046916	0.632826
RB_p_mrmir0000001039	mmu-let-7i-3p:MIMAT0004520	2.684402	3.733538549	6.849533	3.654278
RB_p_mrmir0000001904	mmu-let-7i-5p:MIMAT0000122	7.149851	4.425593031	5.483856	8.134591
RB_p_mrmir0000001905	mmu-let-7j:MIMAT0025123	5.510354	2.639840197	4.564045	5.426135
RB_p_mrmir0000001896	mmu-let-7k:MIMAT0025580	8.757121	6.155919798	9.413858	9.347909
RB_p_mrmir000000159	mmu-miR-100-3p:MIMAT0017051	4.898256	9.415501191	3.565961	2.254341
RB_p_mrmir000000054	mmu-miR-100-5p:MIMAT0000655	6.909491	6.714722272	5.015941	3.497214
RB_p_mrmir0000001458	mmu-miR-101a-3p:MIMAT0000133	2.801799	6.941124746	7.39525	5.038041
RB_p_mrmir0000001678	mmu-miR-101a-5p:MIMAT0004526	5.827993	9.078426841	8.371693	3.83203
RB_p_mrmir0000001338	mmu-miR-101b-3p:MIMAT0000616	-0.43048	5.050146647	7.664202	3.127091
RB_p_mrmir0000001751	mmu-miR-101b-5p:MIMAT0017046	5.369887	6.911711315	6.347867	6.518936
RB_p_mrmir000000182	mmu-miR-101c:MIMAT0019349	3.872241	3.96371146	6.698134	1.103326
RB_p_mrmir0000001283	mmu-miR-103-1-5p:MIMAT0017024	8.562867	4.487177503	6.423734	5.762944
RB_p_mrmir000000367	mmu-miR-103-2-5p:MIMAT0017025	8.461979	1.513414886	6.795665	4.213999
RB_p_mrmir000000337	mmu-miR-103-3p:MIMAT0000546	7.430122	5.996122047	4.678455	6.79903
RB_p_mrmir000000802	mmu-miR-105:MIMAT0004856	6.50126	8.332931779	6.576291	5.596896
RB_p_mrmir000000258	mmu-miR-106a-3p:MIMAT0017009	6.566806	7.373017363	6.39234	3.185568
RB_p_mrmir000000617	mmu-miR-106a-5p:MIMAT0000385	8.124651	7.114682704	6.780888	4.78446
RB_p_mrmir000000860	mmu-miR-106b-3p:MIMAT0004582	5.350584	6.904035042	7.254206	1.860246
RB_p_mrmir0000001411	mmu-miR-106b-5p:MIMAT0000386	4.967718	5.366413132	6.585205	7.733826
RB_p_mrmir000000336	mmu-miR-107-3p:MIMAT0000647	7.34466	6.206211092	6.915824	6.747674
RB_p_mrmir000000368	mmu-miR-107-5p:MIMAT0017048	5.380206	4.481058643	6.92361	5.528699
RB_p_mrmir000000624	mmu-miR-10a-3p:MIMAT0004659	7.381963	5.803009299	4.597849	2.763715

RB_p_mrmir0000001470	mmu-miR-10a-5p:MIMAT0000648	6.863355	6.379272164	7.453913	2.006066
RB_p_mrmir000000692	mmu-miR-10b-3p:MIMAT0004538	7.208232	2.685264052	6.22217	4.067317
RB_p_mrmir0000001469	mmu-miR-10b-5p:MIMAT0000208	7.393432	7.576972272	8.421685	9.206659
RB_p_mrmir0000001605	mmu-miR-1187:MIMAT0005837	10.61645	8.989251895	11.53945	11.65642
RB_p_mrmir0000001714	mmu-miR-1188-3p:MIMAT0017328	8.616691	7.152665283	8.402246	8.358255
RB_p_mrmir0000002070	mmu-miR-1188-5p:MIMAT0005843	9.227121	6.196101953	8.035423	8.130169
RB_p_mrmir0000001658	mmu-miR-1190:MIMAT0005847	7.06157	6.83073406	7.116918	1.961645
RB_p_mrmir000000738	mmu-miR-1191a:MIMAT0005849	4.560304	3.834560858	7.848509	2.487949
RB_p_mrmir000000301	mmu-miR-1191b-3p:MIMAT0029867	8.291289	4.730116517	6.241614	2.337603
RB_p_mrmir0000001660	mmu-miR-1191b-5p:MIMAT0029866	7.868838	8.56601217	8.523183	8.429945
RB_p_mrmir0000005	mmu-miR-1192:MIMAT0005850	8.447901	7.723180476	8.742815	8.196685
RB_p_mrmir0000001548	mmu-miR-1193-3p:MIMAT0005851	9.063569	4.433689276	1.196549	3.504075
RB_p_mrmir0000002061	mmu-miR-1193-5p:MIMAT0017329	4.208069	5.564962249	6.760495	6.673269
RB_p_mrmir0000001126	mmu-miR-1194:MIMAT0005852	4.735974	6.671501195	6.138656	6.313412
RB_p_mrmir0000001912	mmu-miR-1195:MIMAT0005856	7.967736	3.657882935	7.024634	9.225887
RB_p_mrmir0000001535	mmu-miR-1197-3p:MIMAT0005858	5.944253	5.491031765	7.745425	2.826108
RB_p_mrmir000000952	mmu-miR-1197-5p:MIMAT0017331	6.46403	8.345312803	7.958873	4.996539
RB_p_mrmir00000085	mmu-miR-1198-3p:MIMAT0017332	6.644532	6.649052456	4.201514	3.144787
RB_p_mrmir0000001606	mmu-miR-1198-5p:MIMAT0005859	7.816117	8.039423295	7.268121	6.687419
RB_p_mrmir0000001959	mmu-miR-1199-3p:MIMAT0017333	7.782109	6.708320617	4.68645	7.058177
RB_p_mrmir0000001792	mmu-miR-1199-5p:MIMAT0005860	7.601539	4.617721485	6.574736	4.771758
RB_p_mrmir00000014	mmu-miR-122-3p:MIMAT0017005	7.273315	6.918968859	6.65764	7.304316
RB_p_mrmir000000842	mmu-miR-1224-3p:MIMAT0017231	6.795901	4.406805753	4.357892	5.665935
RB_p_mrmir0000001366	mmu-miR-1224-5p:MIMAT0005460	14.38352	12.6894797	13.74825	13.93445
RB_p_mrmir0000002006	mmu-miR-122-5p:MIMAT0000246	3.873422	5.820134623	6.071866	2.535747
RB_p_mrmir0000001950	mmu-miR-1231-3p:MIMAT0022358	8.322354	6.8816523	5.132988	2.894832
RB_p_mrmir0000001813	mmu-miR-1231-5p:MIMAT0022357	12.94733	12.74927755	12.74838	12.81884
RB_p_mrmir0000001430	mmu-miR-124-3p:MIMAT0000134	8.11037	4.89140629	8.173719	7.568412
RB_p_mrmir000000964	mmu-miR-124-5p:MIMAT0004527	6.839123	5.537431727	3.14239	5.562345
RB_p_mrmir000000934	mmu-miR-1247-3p:MIMAT0014801	10.93679	11.32291381	10.71739	11.5921
RB_p_mrmir000000201	mmu-miR-1247-5p:MIMAT0014800	7.938442	8.981324738	7.28659	4.766995
RB_p_mrmir000000218	mmu-miR-1249-3p:MIMAT0010560	7.82379	1.999919225	7.454928	5.287591
RB_p_mrmir000000382	mmu-miR-1249-5p:MIMAT0014804	12.23351	10.77852069	11.39369	10.97514
RB_p_mrmir000000922	mmu-miR-1251-3p:MIMAT0014825	6.37476	5.285493371	5.99372	4.33813
RB_p_mrmir000000248	mmu-miR-1251-5p:MIMAT0014824	8.452703	2.25697939	4.450392	2.038583
RB_p_mrmir0000002178	mmu-miR-1258-3p:MIMAT0029905	4.373174	4.049924019	7.708278	4.956517
RB_p_mrmir0000001972	mmu-miR-1258-5p:MIMAT0029904	4.272957	4.130172208	7.748313	4.371276
RB_p_mrmir000000181	mmu-miR-125a-3p:MIMAT0004528	10.53923	10.17294371	9.692947	9.703314
RB_p_mrmir0000001705	mmu-miR-125a-5p:MIMAT0000135	7.002502	7.756488291	10.07464	6.747222
RB_p_mrmir000000227	mmu-miR-125b-1-3p:MIMAT0004669	7.366548	4.769568875	7.720801	5.946908
RB_p_mrmir000000161	mmu-miR-125b-2-3p:MIMAT0004529	5.109041	4.715105743	6.37862	1.175441

RB_p_mrmir0000001703	mmu-miR-125b-5p:MIMAT0000136	7.582814	6.080590538	4.961687	6.245685
RB_p_mrmir000000623	mmu-miR-1264-3p:MIMAT0014803	7.359617	4.990817943	4.267561	2.2318
RB_p_mrmir000000443	mmu-miR-1264-5p:MIMAT0014802	5.237322	3.802734756	6.498979	0.949589
RB_p_mrmir0000001752	mmu-miR-126a-3p:MIMAT0000138	3.687935	2.869587542	2.752332	4.254011
RB_p_mrmir000000792	mmu-miR-126a-5p:MIMAT0000137	7.235051	5.596065704	6.005294	3.988716
RB_p_mrmir000000920	mmu-miR-126b-3p:MIMAT0029895	7.168447	7.352793878	6.776737	6.997111
RB_p_mrmir000000592	mmu-miR-126b-5p:MIMAT0029894	5.61697	2.254232074	4.220138	2.885709
RB_p_mrmir0000001743	mmu-miR-127-3p:MIMAT0000139	6.043492	6.076374504	6.48421	4.077614
RB_p_mrmir0000001021	mmu-miR-127-5p:MIMAT0004530	7.89029	4.311982459	5.990874	5.938584
RB_p_mrmir000000940	mmu-miR-128-1-5p:MIMAT0016982	5.455761	5.56278113	4.247737	4.223541
RB_p_mrmir0000001302	mmu-miR-128-2-5p:MIMAT0017069	5.899111	7.216158877	7.878232	4.593068
RB_p_mrmir0000001631	mmu-miR-128-3p:MIMAT0000140	6.792986	2.801698839	3.860628	4.687011
RB_p_mrmir000000574	mmu-miR-1291:MIMAT0031397	4.115011	7.64992517	5.818968	2.980056
RB_p_mrmir00000082	mmu-miR-129-1-3p:MIMAT0016994	7.176138	8.565764486	7.599428	8.016
RB_p_mrmir00000081	mmu-miR-129-2-3p:MIMAT0000544	7.299675	7.756688872	9.076038	7.087182
RB_p_mrmir0000001107	mmu-miR-129-5p:MIMAT0000209	9.530385	7.699332475	7.508681	8.115312
RB_p_mrmir000000776	mmu-miR-1298-3p:MIMAT0014810	5.087838	5.559110727	6.223924	4.716248
RB_p_mrmir0000002201	mmu-miR-1298-5p:MIMAT0014809	4.686687	2.71920339	5.419349	4.713797
RB_p_mrmir000000639	mmu-miR-129b-3p:MIMAT0029863	8.175758	8.251325915	7.677902	7.73427
RB_p_mrmir0000001255	mmu-miR-129b-5p:MIMAT0029862	8.457368	6.465519424	5.665088	7.137375
RB_p_mrmir000000230	mmu-miR-1306-3p:MIMAT0009411	9.119168	8.648938	8.363616	8.65311
RB_p_mrmir000000669	mmu-miR-1306-5p:MIMAT0019136	8.810333	6.917161054	7.002233	6.043409
RB_p_mrmir000000744	mmu-miR-130a-3p:MIMAT0000141	6.717086	8.533684019	6.321463	7.918283
RB_p_mrmir0000001236	mmu-miR-130a-5p:MIMAT0016983	3.901644	3.093845119	6.447505	2.788113
RB_p_mrmir000000742	mmu-miR-130b-3p:MIMAT0000387	8.499381	6.78393807	8.687699	8.363292
RB_p_mrmir000000249	mmu-miR-130b-5p:MIMAT0004583	6.12498	8.94032034	5.210015	3.412506
RB_p_mrmir000000746	mmu-miR-130c:MIMAT0025132	3.24884	6.592421126	6.076837	7.348632
RB_p_mrmir0000001418	mmu-miR-132-3p:MIMAT0000144	6.36897	8.469688786	4.951861	5.04766
RB_p_mrmir00000057	mmu-miR-132-5p:MIMAT0016984	6.958604	2.208589769	5.025551	3.646621
RB_p_mrmir0000002312	mmu-miR-133a-3p:MIMAT0000145	7.328595	9.118581689	6.193326	3.943736
RB_p_mrmir0000001246	mmu-miR-133a-5p:MIMAT0003473	4.574265	6.029651528	6.140546	5.379248
RB_p_mrmir0000002311	mmu-miR-133b-3p:MIMAT0000769	7.708389	3.776833578	7.02734	4.228563
RB_p_mrmir0000001248	mmu-miR-133b-5p:MIMAT0017083	6.791368	6.827819019	6.510678	6.347924
RB_p_mrmir0000002313	mmu-miR-133c:MIMAT0025078	6.947958	5.271722723	5.393666	6.85185
RB_p_mrmir0000001080	mmu-miR-134-3p:MIMAT0016985	4.187262	3.573126645	4.544366	0.914669
RB_p_mrmir0000002118	mmu-miR-134-5p:MIMAT0000146	10.40504	9.796792335	10.81228	9.957518
RB_p_mrmir0000001573	mmu-miR-135a-1-3p:MIMAT0004531	11.20037	9.875247832	9.892183	8.914826
RB_p_mrmir0000002090	mmu-miR-135a-2-3p:MIMAT0017064	7.881802	5.685433917	7.897251	8.427032
RB_p_mrmir0000001589	mmu-miR-135a-5p:MIMAT0000147	5.994362	0.821428676	4.937074	3.180501
RB_p_mrmir000000583	mmu-miR-135b-3p:MIMAT0017044	6.218374	6.482214811	4.487498	2.067906
RB_p_mrmir0000001588	mmu-miR-135b-5p:MIMAT0000612	4.428303	4.81655056	3.537447	0.942471

RB_p_mrmir000000546	mmu-miR-136-3p:MIMAT0004532	7.869174	4.849095062	6.738392	2.125067
RB_p_mrmir000000244	mmu-miR-136-5p:MIMAT0000148	8.555456	1.029485658	7.384634	7.295021
RB_p_mrmir0000002185	mmu-miR-137-3p:MIMAT0000149	5.974159	4.876692638	7.189237	4.544868
RB_p_mrmir000000225	mmu-miR-137-5p:MIMAT0016986	8.187896	7.761747369	6.77948	4.599531
RB_p_mrmir000000932	mmu-miR-138-1-3p:MIMAT0004668	8.573603	7.506317133	7.596987	8.983723
RB_p_mrmir0000001227	mmu-miR-138-2-3p:MIMAT0016987	7.337769	7.850031856	2.170017	6.724128
RB_p_mrmir000000365	mmu-miR-138-5p:MIMAT0000150	7.303171	8.38407653	6.927954	3.663587
RB_p_mrmir0000001997	mmu-miR-139-3p:MIMAT0004662	7.254594	8.224110809	5.948848	4.127429
RB_p_mrmir0000001755	mmu-miR-139-5p:MIMAT0000656	4.758636	3.594702453	5.251833	3.544443
RB_p_mrmir0000001468	mmu-miR-140-3p:MIMAT0000152	9.180465	7.083523708	7.207072	7.574781
RB_p_mrmir000000752	mmu-miR-140-5p:MIMAT0000151	1.284942	3.925829821	6.858574	4.939626
RB_p_mrmir0000001415	mmu-miR-141-3p:MIMAT0000153	6.606555	8.892090911	6.449819	5.932466
RB_p_mrmir000000781	mmu-miR-141-5p:MIMAT0004533	2.211421	2.22894335	6.858667	4.753544
RB_p_mrmir0000002093	mmu-miR-142a-3p:MIMAT0000155	4.627614	5.091717199	7.162027	6.826538
RB_p_mrmir000000758	mmu-miR-142a-5p:MIMAT0000154	3.692783	6.304681292	6.625937	6.23086
RB_p_mrmir0000001694	mmu-miR-142b:MIMAT0031402	5.071284	7.046600394	3.408154	4.154304
RB_p_mrmir0000001877	mmu-miR-143-3p:MIMAT0000247	5.41615	6.520858499	7.174107	6.895784
RB_p_mrmir0000001322	mmu-miR-143-5p:MIMAT0017006	7.33248	4.587756072	7.463256	7.420013
RB_p_mrmir0000001460	mmu-miR-144-3p:MIMAT0000156	5.286046	6.625424389	7.716441	6.171061
RB_p_mrmir0000001267	mmu-miR-144-5p:MIMAT0016988	3.444373	4.93112612	5.637219	2.246259
RB_p_mrmir000000598	mmu-miR-145a-3p:MIMAT0004534	3.143815	7.036132611	5.621582	8.234166
RB_p_mrmir0000001351	mmu-miR-145a-5p:MIMAT0000157	7.780857	8.144379226	9.040987	6.618453
RB_p_mrmir0000001352	mmu-miR-145b:MIMAT0025105	5.213013	5.136100252	7.461013	5.589643
RB_p_mrmir000000891	mmu-miR-146a-3p:MIMAT0016989	6.321458	2.305505754	4.673532	6.38045
RB_p_mrmir0000001874	mmu-miR-146a-5p:MIMAT0000158	6.430424	2.772205091	4.813422	6.584325
RB_p_mrmir0000001205	mmu-miR-146b-3p:MIMAT0004826	7.54615	9.363138117	4.215679	4.135699
RB_p_mrmir0000001872	mmu-miR-146b-5p:MIMAT0003475	7.208475	4.980625213	6.541639	6.760199
RB_p_mrmir0000001397	mmu-miR-147-3p:MIMAT0004857	7.607152	5.856944086	6.873607	3.684517
RB_p_mrmir0000001979	mmu-miR-147-5p:MIMAT0017269	6.613117	4.837010307	4.951353	3.762702
RB_p_mrmir0000001672	mmu-miR-148a-3p:MIMAT0000516	2.331497	4.471370591	6.214688	4.927844
RB_p_mrmir00000032	mmu-miR-148a-5p:MIMAT0004617	4.024537	7.995515731	6.519261	7.067084
RB_p_mrmir0000001673	mmu-miR-148b-3p:MIMAT0000580	8.37922	5.498319244	6.239398	4.007267
RB_p_mrmir0000001123	mmu-miR-148b-5p:MIMAT0017036	4.097258	4.357332346	5.986146	5.196437
RB_p_mrmir0000001156	mmu-miR-149-3p:MIMAT0016990	15.73451	15.93856327	15.19855	15.66617
RB_p_mrmir0000001807	mmu-miR-149-5p:MIMAT0000159	6.473072	6.498327801	7.393866	4.986318
RB_p_mrmir0000001065	mmu-miR-150-3p:MIMAT0004535	10.37185	6.581968718	9.640145	8.910896
RB_p_mrmir0000001769	mmu-miR-150-5p:MIMAT0000160	6.769098	6.176771042	3.686409	3.822866
RB_p_mrmir000000972	mmu-miR-151-3p:MIMAT0000161	7.360581	3.080823649	7.321797	4.322384
RB_p_mrmir0000001739	mmu-miR-151-5p:MIMAT0004536	4.788087	3.876393084	7.324816	7.455382
RB_p_mrmir0000001674	mmu-miR-152-3p:MIMAT0000162	6.049465	5.571276546	7.430699	6.670634
RB_p_mrmir0000001551	mmu-miR-152-5p:MIMAT0016991	6.861994	3.57585827	5.57356	2.197599

RB_p_mrmir000002238	mmu-miR-153-3p:MIMAT0000163	6.089989	5.910464093	6.280285	2.287505
RB_p_mrmir000002317	mmu-miR-153-5p:MIMAT0016992	2.244753	6.303772549	6.816521	7.210296
RB_p_mrmir000000128	mmu-miR-154-3p:MIMAT0004537	6.311664	8.274875226	5.449384	1.283927
RB_p_mrmir0000001550	mmu-miR-154-5p:MIMAT0000164	5.954219	6.719196409	6.831523	6.876856
RB_p_mrmir0000001007	mmu-miR-155-3p:MIMAT0016993	5.300055	3.024655128	4.091404	5.101976
RB_p_mrmir000002168	mmu-miR-155-5p:MIMAT0000165	7.246563	4.807332027	7.910634	9.179203
RB_p_mrmir000000718	mmu-miR-15a-3p:MIMAT0004624	6.158364	5.722387597	6.575797	5.850436
RB_p_mrmir0000001515	mmu-miR-15a-5p:MIMAT0000526	5.827956	3.772092583	4.594538	3.707735
RB_p_mrmir000000904	mmu-miR-15b-3p:MIMAT0004521	6.605094	6.488406554	3.269377	3.16487
RB_p_mrmir0000001516	mmu-miR-15b-5p:MIMAT0000124	5.540278	5.902779974	7.205294	4.615593
RB_p_mrmir000000819	mmu-miR-16-1-3p:MIMAT0004625	6.68851	5.221434983	7.595429	3.979483
RB_p_mrmir000000193	mmu-miR-16-2-3p:MIMAT0017018	4.063355	7.538085287	3.023044	5.335456
RB_p_mrmir0000001517	mmu-miR-16-5p:MIMAT0000527	6.654019	7.163273514	6.301119	4.645017
RB_p_mrmir000000616	mmu-miR-1668:MIMAT0031414	4.297546	4.420927612	7.951763	-0.27081
RB_p_mrmir000000257	mmu-miR-17-3p:MIMAT0000650	7.537294	7.076975054	6.879581	5.324695
RB_p_mrmir000000620	mmu-miR-17-5p:MIMAT0000649	7.887711	4.957842123	6.65069	7.793018
RB_p_mrmir000000200	mmu-miR-181a-1-3p:MIMAT0000660	6.223714	2.263196283	7.779511	4.115955
RB_p_mrmir000000203	mmu-miR-181a-2-3p:MIMAT0005443	7.694036	5.974569736	6.817908	1.557144
RB_p_mrmir00000049	mmu-miR-181a-5p:MIMAT0000210	6.566155	8.747157746	7.692757	7.11477
RB_p_mrmir000000995	mmu-miR-181b-1-3p:MIMAT0017067	6.311507	6.383776384	3.372072	1.91431
RB_p_mrmir000000997	mmu-miR-181b-2-3p:MIMAT0017084	5.519801	2.720627199	4.651188	6.535597
RB_p_mrmir00000050	mmu-miR-181b-5p:MIMAT0000673	10.25297	8.054480645	8.333102	8.712526
RB_p_mrmir000000199	mmu-miR-181c-3p:MIMAT0017068	9.432777	6.121513997	8.093424	8.08056
RB_p_mrmir00000048	mmu-miR-181c-5p:MIMAT0000674	7.254199	7.9631485	1.997911	4.792476
RB_p_mrmir000000831	mmu-miR-181d-3p:MIMAT0017264	7.991859	4.714821197	8.002835	8.891074
RB_p_mrmir00000051	mmu-miR-181d-5p:MIMAT0004324	9.828932	10.38531032	8.381976	7.825166
RB_p_mrmir0000001395	mmu-miR-182-3p:MIMAT0016995	5.855965	8.084465348	0.789252	2.179408
RB_p_mrmir0000002307	mmu-miR-182-5p:MIMAT0000211	7.530345	4.041761701	6.807102	7.145035
RB_p_mrmir0000001362	mmu-miR-183-3p:MIMAT0004539	5.490901	2.197669502	1.650555	3.089998
RB_p_mrmir0000001587	mmu-miR-183-5p:MIMAT0000212	6.03626	5.448650253	6.646461	5.076708
RB_p_mrmir000000300	mmu-miR-1839-3p:MIMAT0009457	6.861408	6.469309072	7.188155	8.810285
RB_p_mrmir000000106	mmu-miR-1839-5p:MIMAT0009456	6.813388	6.723889407	7.685739	3.948443
RB_p_mrmir0000001794	mmu-miR-1843a-3p:MIMAT0014806	6.30397	5.050655589	6.79608	5.970847
RB_p_mrmir0000001586	mmu-miR-1843a-5p:MIMAT0014805	4.634034	3.736891667	7.794464	5.710496
RB_p_mrmir000000858	mmu-miR-1843b-3p:MIMAT0019346	4.100445	6.965900078	8.394832	7.271727
RB_p_mrmir000000571	mmu-miR-1843b-5p:MIMAT0019345	7.161627	1.87821207	6.404851	1.006816
RB_p_mrmir0000001995	mmu-miR-184-3p:MIMAT0000213	7.810687	8.558220884	8.152197	8.452827
RB_p_mrmir000000896	mmu-miR-184-5p:MIMAT0022690	8.17126	6.764249946	7.570163	8.313195
RB_p_mrmir000000434	mmu-miR-185-3p:MIMAT0016996	6.470818	7.999433439	7.625605	6.673421
RB_p_mrmir0000001999	mmu-miR-185-5p:MIMAT0000214	6.045421	6.621380658	7.361665	5.571745
RB_p_mrmir0000001204	mmu-miR-186-3p:MIMAT0004540	5.343987	8.605837314	5.004064	5.855177

RB_p_mrmir000000614	mmu-miR-186-5p:MIMAT0000215	1.888367	6.664650317	5.728106	5.229526
RB_p_mrmir0000001753	mmu-miR-187-3p:MIMAT0000216	7.518819	5.912130169	5.257265	7.021351
RB_p_mrmir000000406	mmu-miR-187-5p:MIMAT0016997	9.047531	7.666991763	8.442817	8.56415
RB_p_mrmir0000001004	mmu-miR-188-3p:MIMAT0004541	3.834014	7.421048648	5.776831	2.885323
RB_p_mrmir000000772	mmu-miR-188-5p:MIMAT0000217	11.60495	11.30243581	12.07176	11.40081
RB_p_mrmir000000610	mmu-miR-1892:MIMAT0007871	13.75641	13.84249646	14.09602	13.69353
RB_p_mrmir0000001277	mmu-miR-1893:MIMAT0007879	8.906229	8.719738887	7.149875	7.896659
RB_p_mrmir0000001177	mmu-miR-1894-3p:MIMAT0007878	13.84503	12.2570356	14.50953	13.95895
RB_p_mrmir0000001017	mmu-miR-1894-5p:MIMAT0007877	8.578515	8.467611306	7.566378	8.047254
RB_p_mrmir000000844	mmu-miR-1895:MIMAT0007867	13.17998	12.70643169	13.5898	11.08896
RB_p_mrmir0000001018	mmu-miR-1896:MIMAT0007873	12.0236	9.332947723	12.08139	11.85029
RB_p_mrmir0000001626	mmu-miR-1897-3p:MIMAT0007865	6.187508	2.987565731	7.462926	4.195278
RB_p_mrmir0000001105	mmu-miR-1897-5p:MIMAT0007864	14.33367	13.46364901	14.97603	14.76263
RB_p_mrmir000000439	mmu-miR-1898:MIMAT0007875	6.915632	7.778499901	8.487857	5.829105
RB_p_mrmir000000349	mmu-miR-1899:MIMAT0007869	6.853448	7.72193058	6.308969	3.37129
RB_p_mrmir000000264	mmu-miR-18a-3p:MIMAT0004626	7.720486	5.88697082	5.147552	6.305413
RB_p_mrmir0000001434	mmu-miR-18a-5p:MIMAT0000528	4.496244	4.907437414	4.414303	7.136402
RB_p_mrmir0000001497	mmu-miR-18b-3p:MIMAT0017270	6.190264	8.32252555	6.4786	5.911469
RB_p_mrmir0000001435	mmu-miR-18b-5p:MIMAT0004858	6.492595	4.830098638	6.370105	6.302167
RB_p_mrmir0000001273	mmu-miR-1900:MIMAT0007870	6.817707	4.424187317	6.972732	6.861094
RB_p_mrmir000000863	mmu-miR-1901:MIMAT0007880	7.067209	7.570080164	7.749858	2.852127
RB_p_mrmir000000322	mmu-miR-1902:MIMAT0007863	4.938811	8.793494002	6.852494	4.733566
RB_p_mrmir000000900	mmu-miR-1903:MIMAT0007868	4.545201	2.240632574	7.612118	3.744364
RB_p_mrmir0000001403	mmu-miR-1904:MIMAT0007874	10.98995	8.194639994	11.09094	10.02501
RB_p_mrmir000000670	mmu-miR-1905:MIMAT0007866	5.618216	6.110891926	7.708242	7.391457
RB_p_mrmir0000001932	mmu-miR-1906:MIMAT0007872	11.07871	10.91886841	11.78726	11.24529
RB_p_mrmir0000001142	mmu-miR-1907:MIMAT0007876	10.83949	9.69431359	11.38627	10.49034
RB_p_mrmir000000234	mmu-miR-190a-3p:MIMAT0016998	6.612771	7.735655302	4.017815	6.595197
RB_p_mrmir0000001915	mmu-miR-190a-5p:MIMAT0000220	3.778786	6.210094662	4.259554	5.37776
RB_p_mrmir000000251	mmu-miR-190b-3p:MIMAT0017267	5.803836	5.667321966	6.660853	0.224506
RB_p_mrmir0000001917	mmu-miR-190b-5p:MIMAT0004852	3.378197	6.935733434	5.600112	2.318084
RB_p_mrmir000000658	mmu-miR-1912-3p:MIMAT0014958	7.187275	7.602475804	7.043645	7.60188
RB_p_mrmir0000001964	mmu-miR-1912-5p:MIMAT0014957	6.825218	5.135860133	4.891178	5.200248
RB_p_mrmir0000001238	mmu-miR-191-3p:MIMAT0004542	7.266546	6.929844719	6.306583	7.24017
RB_p_mrmir000000636	mmu-miR-191-5p:MIMAT0000221	7.209903	5.764154465	6.675891	5.21875
RB_p_mrmir0000001032	mmu-miR-192-3p:MIMAT0017012	6.37915	7.824426483	6.940251	5.647342
RB_p_mrmir0000001024	mmu-miR-192-5p:MIMAT0000517	5.962372	5.227198807	4.827234	5.339341
RB_p_mrmir0000001134	mmu-miR-1927:MIMAT0009390	5.212487	7.610950885	4.482936	3.839803
RB_p_mrmir000000356	mmu-miR-1928:MIMAT0009391	4.44432	3.229734766	4.573327	4.541975
RB_p_mrmir000000706	mmu-miR-1929-3p:MIMAT0022729	7.423656	8.274342012	8.359351	5.725857
RB_p_mrmir0000002218	mmu-miR-1929-5p:MIMAT0009392	9.952958	8.413072043	10.93373	10.38201

RB_p_mrmir0000001323	mmu-miR-1930-3p:MIMAT0017340	9.055055	7.888011018	8.584901	8.408253
RB_p_mrmir000000208	mmu-miR-1930-5p:MIMAT0009393	5.685089	3.902502531	7.289057	2.703636
RB_p_mrmir000000565	mmu-miR-1931:MIMAT0009394	12.19256	11.17418589	10.80928	11.4304
RB_p_mrmir0000001407	mmu-miR-1932:MIMAT0009395	8.344658	7.504276752	6.857202	3.447559
RB_p_mrmir000000817	mmu-miR-1933-3p:MIMAT0009397	8.647312	5.075914141	8.281644	7.716621
RB_p_mrmir000000473	mmu-miR-1933-5p:MIMAT0009396	7.086591	5.859036558	5.590036	5.937718
RB_p_mrmir000000386	mmu-miR-1934-3p:MIMAT0017341	13.09968	12.70925319	11.94535	12.01233
RB_p_mrmir0000001817	mmu-miR-1934-5p:MIMAT0009398	7.721686	7.923232824	7.215475	5.648773
RB_p_mrmir0000001426	mmu-miR-1936:MIMAT0009400	5.960927	6.229866188	5.94259	5.597972
RB_p_mrmir000000950	mmu-miR-1938:MIMAT0009402	8.097823	5.048506263	6.020447	4.065053
RB_p_mrmir00000070	mmu-miR-193a-3p:MIMAT0000223	4.22108	7.17795028	5.811233	3.349631
RB_p_mrmir0000002058	mmu-miR-193a-5p:MIMAT0004544	5.892759	4.809373275	6.807847	6.38235
RB_p_mrmir00000069	mmu-miR-193b-3p:MIMAT0004859	7.2959	6.687921683	7.927797	7.074164
RB_p_mrmir000000942	mmu-miR-193b-5p:MIMAT0017271	10.24368	8.712738322	9.818619	9.823797
RB_p_mrmir000000780	mmu-miR-1941-3p:MIMAT0009406	3.640817	8.476344731	4.728215	4.655906
RB_p_mrmir000000821	mmu-miR-194-1-3p:MIMAT0016999	7.400764	3.10730682	6.233623	4.193297
RB_p_mrmir000000418	mmu-miR-1941-5p:MIMAT0009405	9.505947	7.879557922	8.210656	8.939266
RB_p_mrmir0000001651	mmu-miR-1942:MIMAT0009407	3.911259	7.879335915	6.126051	3.800833
RB_p_mrmir000000823	mmu-miR-194-2-3p:MIMAT0017073	7.105655	6.242781908	6.536957	3.651864
RB_p_mrmir000000734	mmu-miR-1943-3p:MIMAT0017342	7.113841	7.438438073	6.68031	8.552744
RB_p_mrmir000000101	mmu-miR-1943-5p:MIMAT0009408	8.357462	6.657704666	8.296889	7.174041
RB_p_mrmir0000001826	mmu-miR-1945:MIMAT0009410	9.561382	9.444493888	7.517004	9.05918
RB_p_mrmir0000002084	mmu-miR-194-5p:MIMAT0000224	7.359125	8.645103853	7.242704	4.243185
RB_p_mrmir000000346	mmu-miR-1946a:MIMAT0009412	8.75968	5.09185675	7.844853	9.290507
RB_p_mrmir0000001207	mmu-miR-1946b:MIMAT0009443	9.362755	6.141945447	8.58335	7.963401
RB_p_mrmir0000001184	mmu-miR-1947-3p:MIMAT0017343	8.522398	8.198797205	7.182693	5.772828
RB_p_mrmir000000374	mmu-miR-1947-5p:MIMAT0009413	7.736021	5.529302018	5.59597	4.14212
RB_p_mrmir0000002282	mmu-miR-1948-3p:MIMAT0009415	6.463404	4.29923562	6.074633	2.3294
RB_p_mrmir000000536	mmu-miR-1948-5p:MIMAT0017344	5.481372	1.063121577	4.817151	7.908746
RB_p_mrmir000000983	mmu-miR-1949:MIMAT0009416	5.299879	6.246167488	2.408231	3.547465
RB_p_mrmir0000001798	mmu-miR-1950:MIMAT0009417	4.70175	8.242113785	6.847035	3.30524
RB_p_mrmir0000001345	mmu-miR-1951:MIMAT0009422	9.538572	8.638894299	8.169325	9.030111
RB_p_mrmir0000001766	mmu-miR-1952:MIMAT0009423	4.670908	3.985694803	6.094558	3.256171
RB_p_mrmir0000002033	mmu-miR-1953:MIMAT0009424	6.877496	5.4835491	7.342852	5.077614
RB_p_mrmir000000255	mmu-miR-1954:MIMAT0009425	4.952346	4.20902673	7.074334	7.564276
RB_p_mrmir0000001144	mmu-miR-1955-3p:MIMAT0017348	6.007924	8.226861291	3.083935	2.230048
RB_p_mrmir000000475	mmu-miR-1955-5p:MIMAT0009426	5.418407	3.697833022	6.1436	2.36059
RB_p_mrmir000000474	mmu-miR-1956:MIMAT0009428	7.959951	8.167137008	8.468632	4.321324
RB_p_mrmir000000751	mmu-miR-1957a:MIMAT0009430	5.83027	7.743308917	5.602453	4.52643
RB_p_mrmir0000001990	mmu-miR-1957b:MIMAT0025145	6.679637	3.924342321	6.793741	1.722433
RB_p_mrmir0000001533	mmu-miR-1958:MIMAT0009431	6.107807	7.994991581	9.233147	8.634274

RB_p_mrmir000000803	mmu-miR-195a-3p:MIMAT0017000	6.484065	6.700866581	7.522328	5.832584
RB_p_mrmir0000001513	mmu-miR-195a-5p:MIMAT0000225	5.931038	8.23555524	6.050421	4.305163
RB_p_mrmir0000001512	mmu-miR-195b:MIMAT0025076	7.930672	7.437563129	7.435145	6.838796
RB_p_mrmir000000820	mmu-miR-1960:MIMAT0009433	10.64527	10.4241258	12.50227	11.74304
RB_p_mrmir0000001902	mmu-miR-1961:MIMAT0009434	4.168224	5.026111156	2.91158	4.756764
RB_p_mrmir000000311	mmu-miR-1962:MIMAT0009435	8.151839	5.009446895	7.970221	6.865789
RB_p_mrmir0000002037	mmu-miR-1963:MIMAT0009436	7.869578	2.541668594	4.473057	3.995038
RB_p_mrmir000000855	mmu-miR-1964-3p:MIMAT0009437	8.717016	5.031748741	7.38061	1.571426
RB_p_mrmir000000363	mmu-miR-1964-5p:MIMAT0017349	8.567901	8.260618987	8.400996	7.496727
RB_p_mrmir0000002295	mmu-miR-1966-3p:MIMAT0022952	6.664069	7.481116795	5.752545	2.200302
RB_p_mrmir000000100	mmu-miR-1966-5p:MIMAT0009439	12.49434	11.0380063	12.62689	12.35281
RB_p_mrmir0000001887	mmu-miR-1967:MIMAT0009440	11.35842	11.32801036	12.38628	11.77667
RB_p_mrmir000000195	mmu-miR-1968-3p:MIMAT0017350	7.322647	3.277655895	5.172706	-0.33099
RB_p_mrmir0000001935	mmu-miR-1968-5p:MIMAT0009441	6.707533	7.104809351	8.475058	9.015496
RB_p_mrmir00000079	mmu-miR-1969:MIMAT0009442	5.885232	5.107881851	7.526735	4.644094
RB_p_mrmir000000635	mmu-miR-196a-1-3p:MIMAT0017013	8.792981	8.628885468	6.678133	8.04414
RB_p_mrmir0000001744	mmu-miR-196a-2-3p:MIMAT0004618	7.430471	5.814808763	7.070824	6.380478
RB_p_mrmir0000001545	mmu-miR-196a-5p:MIMAT0000518	8.016256	4.831606291	8.461246	4.6666
RB_p_mrmir0000001737	mmu-miR-196b-3p:MIMAT0017170	8.129431	7.954035407	6.316749	6.992211
RB_p_mrmir0000001546	mmu-miR-196b-5p:MIMAT0001081	8.351062	5.410871432	7.691846	5.079366
RB_p_mrmir0000002141	mmu-miR-1970:MIMAT0009444	7.700047	7.003403603	7.39772	6.732158
RB_p_mrmir0000001332	mmu-miR-1971:MIMAT0009446	9.256955	8.430569516	8.317724	4.811253
RB_p_mrmir000000774	mmu-miR-1981-3p:MIMAT0017351	7.433208	4.268778216	7.188994	1.104257
RB_p_mrmir0000001333	mmu-miR-1981-5p:MIMAT0009458	8.097947	7.342230437	8.878458	7.808528
RB_p_mrmir0000001761	mmu-miR-1982-3p:MIMAT0009460	7.598451	7.335064094	7.189369	5.026938
RB_p_mrmir0000002258	mmu-miR-1982-5p:MIMAT0009459	10.12253	8.644029418	10.99618	9.66557
RB_p_mrmir000000994	mmu-miR-1983:MIMAT0009455	7.474459	4.339957729	5.139475	6.251861
RB_p_mrmir000000183	mmu-miR-199a-3p:MIMAT0000230;m mu-miR-199b-3p:MIMAT0004667	5.000817	5.087679749	7.418181	3.795944
RB_p_mrmir000000838	mmu-miR-199a-5p:MIMAT0000229	6.910465	7.599522131	7.610264	3.415729
RB_p_mrmir000000839	mmu-miR-199b-5p:MIMAT0000672	4.397265	4.913022488	6.300144	4.029487
RB_p_mrmir0000002123	mmu-miR-19a-3p:MIMAT0000651	7.502918	5.106620599	7.596883	4.012558
RB_p_mrmir0000001559	mmu-miR-19a-5p:MIMAT0004660	7.40602	4.905137275	7.880928	5.703755
RB_p_mrmir000000503	mmu-miR-19b-1-5p:MIMAT0017065	5.688074	5.963633519	6.963548	-0.49183
RB_p_mrmir000000501	mmu-miR-19b-2-5p:MIMAT0017010	5.657592	1.829300323	6.539289	3.649011
RB_p_mrmir0000002122	mmu-miR-19b-3p:MIMAT0000513	6.85956	7.132559824	7.019025	7.519645
RB_p_mrmir000000187	mmu-miR-1a-1-5p:MIMAT0016979	6.916853	5.180101727	5.188369	2.686975
RB_p_mrmir000000188	mmu-miR-1a-2-5p:MIMAT0017047	5.842782	6.45903154	6.92435	2.765856
RB_p_mrmir0000001987	mmu-miR-1a-3p:MIMAT0000123	5.524519	4.717325233	6.040674	6.523496
RB_p_mrmir0000002057	mmu-miR-1b-3p:MIMAT0017326	5.704803	7.073965674	5.919951	6.249826
RB_p_mrmir0000001464	mmu-miR-1b-5p:MIMAT0005835	4.73358	3.063903653	5.624433	2.086025
RB_p_mrmir0000001416	mmu-miR-200a-3p:MIMAT0000519	4.250622	8.553170122	7.249358	2.868478

RB_p_mrmir000000778	mmu-miR-200a-5p:MIMAT0004619	6.886199	4.294952498	4.699445	5.495776
RB_p_mrmir0000001445	mmu-miR-200b-3p:MIMAT0000233	4.316386	6.721537018	6.904172	5.890045
RB_p_mrmir000000779	mmu-miR-200b-5p:MIMAT0004545	6.373041	7.690572234	6.604416	2.183005
RB_p_mrmir0000001444	mmu-miR-200c-3p:MIMAT0000657	8.793796	5.466756311	4.996062	3.677788
RB_p_mrmir000000958	mmu-miR-200c-5p:MIMAT0004663	7.766253	8.722745986	8.09267	1.863876
RB_p_mrmir0000001839	mmu-miR-201-3p:MIMAT0017001	5.854159	5.681080275	7.086173	4.736058
RB_p_mrmir0000001486	mmu-miR-201-5p:MIMAT0000234	5.368097	5.342070539	6.726079	0.836358
RB_p_mrmir000000321	mmu-miR-202-3p:MIMAT0000235	8.4221	9.454164628	8.644524	8.279391
RB_p_mrmir0000002211	mmu-miR-202-5p:MIMAT0004546	3.128275	5.82792449	3.99953	-0.2827
RB_p_mrmir0000001360	mmu-miR-203-3p:MIMAT0000236	4.898503	5.734142165	8.333371	6.268677
RB_p_mrmir000000488	mmu-miR-203-5p:MIMAT0004547	6.329517	5.672746725	8.46914	0.097613
RB_p_mrmir0000001243	mmu-miR-204-3p:MIMAT0017002	13.90522	12.68365473	13.02669	13.36946
RB_p_mrmir0000002205	mmu-miR-204-5p:MIMAT0000237	3.428043	4.108117436	4.385445	5.395273
RB_p_mrmir0000001171	mmu-miR-205-3p:MIMAT0017003	7.30534	6.414349478	7.114531	7.335441
RB_p_mrmir0000001733	mmu-miR-205-5p:MIMAT0000238	5.476899	3.580400372	4.984594	4.3171
RB_p_mrmir0000001991	mmu-miR-206-3p:MIMAT0000239	10.43157	8.253931826	11.01404	10.49021
RB_p_mrmir000000191	mmu-miR-206-5p:MIMAT0017004	2.573854	2.827804328	7.267319	0.242527
RB_p_mrmir0000001252	mmu-miR-207:MIMAT0000240	4.80583	7.746064344	7.568059	4.699025
RB_p_mrmir000000510	mmu-miR-208a-3p:MIMAT0000520	7.601706	4.781151664	6.563958	5.124653
RB_p_mrmir0000001150	mmu-miR-208a-5p:MIMAT0017014	5.453851	4.327325929	6.824696	1.92225
RB_p_mrmir000000508	mmu-miR-208b-3p:MIMAT0004939	6.028273	7.254519245	7.716815	6.054293
RB_p_mrmir00000090	mmu-miR-208b-5p:MIMAT0017280	4.748103	3.257650439	4.331511	1.668964
RB_p_mrmir000000261	mmu-miR-20a-3p:MIMAT0004627	5.949114	5.662822174	4.408078	4.773308
RB_p_mrmir0000001413	mmu-miR-20a-5p:MIMAT0000529	7.880182	4.638754486	6.968812	8.704701
RB_p_mrmir000000259	mmu-miR-20b-3p:MIMAT0004788	5.593216	4.679463694	6.262722	5.111105
RB_p_mrmir000000618	mmu-miR-20b-5p:MIMAT0003187	7.438241	6.841557901	7.311741	5.454042
RB_p_mrmir0000001078	mmu-miR-210-3p:MIMAT0000658	8.020472	7.700626055	4.768513	6.299073
RB_p_mrmir000000342	mmu-miR-210-5p:MIMAT0017052	8.500956	7.760786172	6.735809	7.384054
RB_p_mrmir0000001175	mmu-miR-211-3p:MIMAT0017059	14.94474	15.11883148	14.22663	14.42588
RB_p_mrmir0000002206	mmu-miR-211-5p:MIMAT0000668	5.926668	5.400196701	6.200607	4.055153
RB_p_mrmir0000001419	mmu-miR-212-3p:MIMAT0000659	7.237458	8.118194333	7.185464	6.568927
RB_p_mrmir000000215	mmu-miR-212-5p:MIMAT0017053	6.113047	4.594174782	8.489284	3.311895
RB_p_mrmir0000001063	mmu-miR-2136:MIMAT0011212	7.277996	6.810055006	7.810605	9.161524
RB_p_mrmir0000001206	mmu-miR-2137:MIMAT0011213	12.85669	13.62387594	13.26559	13.34389
RB_p_mrmir000000362	mmu-miR-2139:MIMAT0011215	7.824205	5.939914302	8.155118	4.140959
RB_p_mrmir000000175	mmu-miR-214-3p:MIMAT0000661	11.5286	10.75229803	10.41373	10.12491
RB_p_mrmir0000001954	mmu-miR-214-5p:MIMAT0004664	5.227354	6.342977091	6.746513	1.321213
RB_p_mrmir0000001818	mmu-miR-215-3p:MIMAT0017169	5.163966	2.896438883	6.433518	3.346955
RB_p_mrmir000000562	mmu-miR-215-5p:MIMAT0000904	6.515033	6.737279795	7.3243	4.999182
RB_p_mrmir000000664	mmu-miR-216a-3p:MIMAT0017054	4.495087	4.746378094	6.841858	3.914214
RB_p_mrmir0000001449	mmu-miR-216a-5p:MIMAT0000662	5.752876	5.293708258	8.02603	4.331891

RB_p_mrmir000000171	mmu-miR-216b-3p:MIMAT0017233	7.062233	3.892243438	4.569177	0.707953
RB_p_mrmir00000036	mmu-miR-216b-5p:MIMAT0003729	3.97963	5.300403159	1.840804	2.922382
RB_p_mrmir0000002306	mmu-miR-216c-3p:MIMAT0029889	6.299579	7.401301585	7.634453	6.337655
RB_p_mrmir0000001119	mmu-miR-216c-5p:MIMAT0029888	4.687329	6.801824251	4.977477	3.570002
RB_p_mrmir000000769	mmu-miR-217-3p:MIMAT0017072	8.166795	6.325755216	6.93992	3.287438
RB_p_mrmir0000001496	mmu-miR-217-5p:MIMAT0000679	5.205068	8.974130125	7.276876	5.316012
RB_p_mrmir00000010	mmu-miR-218-1-3p:MIMAT0004665	7.704699	8.746095047	6.361832	4.427837
RB_p_mrmir000000790	mmu-miR-218-2-3p:MIMAT0005444	7.639323	5.239270931	6.089708	5.462757
RB_p_mrmir0000002229	mmu-miR-2183:MIMAT0011287	7.572705	6.099544146	7.685272	6.320748
RB_p_mrmir0000002277	mmu-miR-218-5p:MIMAT0000663	7.485369	5.573702063	5.213205	-0.34415
RB_p_mrmir000000327	mmu-miR-219a-1-3p:MIMAT0017055	6.655782	4.74210373	6.560647	1.733748
RB_p_mrmir000000295	mmu-miR-219a-2-3p:MIMAT0022841	6.412141	7.221398928	6.817173	4.668071
RB_p_mrmir0000001927	mmu-miR-219a-5p:MIMAT0000664	6.59862	4.754924391	4.972818	2.031929
RB_p_mrmir000000294	mmu-miR-219b-3p:MIMAT0029807	4.11134	9.43537219	5.891269	2.502224
RB_p_mrmir000000331	mmu-miR-219b-5p:MIMAT0029806	8.856506	7.781286047	7.422937	5.21608
RB_p_mrmir000000907	mmu-miR-219c-3p:MIMAT0029893	4.888156	7.338210346	7.558409	1.855565
RB_p_mrmir0000001256	mmu-miR-219c-5p:MIMAT0029892	8.158385	6.725048753	5.527192	3.041677
RB_p_mrmir000000628	mmu-miR-21a-3p:MIMAT0004628	7.394077	6.495675568	7.870864	7.449572
RB_p_mrmir0000001529	mmu-miR-21a-5p:MIMAT0000530	4.216797	6.086053064	5.558073	5.821447
RB_p_mrmir0000001558	mmu-miR-21b:MIMAT0025121	7.188277	4.716023473	4.749385	1.786042
RB_p_mrmir0000001530	mmu-miR-21c:MIMAT0025148	1.899704	6.421408126	7.318309	4.830348
RB_p_mrmir000000357	mmu-miR-221-3p:MIMAT0000669	7.140834	5.918526109	7.22526	5.293468
RB_p_mrmir000000212	mmu-miR-221-5p:MIMAT0017060	5.618039	7.80641338	7.089905	4.510807
RB_p_mrmir000000355	mmu-miR-222-3p:MIMAT0000670	7.179344	5.555652986	7.125033	9.364403
RB_p_mrmir0000001666	mmu-miR-222-5p:MIMAT0017061	6.730959	3.106805068	5.613426	5.085198
RB_p_mrmir0000002098	mmu-miR-223-3p:MIMAT0000665	8.059393	6.936439209	5.519619	7.538739
RB_p_mrmir000000963	mmu-miR-223-5p:MIMAT0017056	2.893608	7.600061565	5.633829	5.445879
RB_p_mrmir00000086	mmu-miR-22-3p:MIMAT0000531	5.368533	4.435485745	7.036821	2.746569
RB_p_mrmir00000037	mmu-miR-224-3p:MIMAT0017062	4.815841	1.547876937	6.692112	5.049507
RB_p_mrmir0000001436	mmu-miR-224-5p:MIMAT0000671	5.674804	6.295136621	6.359091	3.969973
RB_p_mrmir000000495	mmu-miR-22-5p:MIMAT0004629	3.616171	2.941504869	5.163171	5.769369
RB_p_mrmir000000542	mmu-miR-23a-3p:MIMAT0000532	5.836246	3.510072863	7.350047	6.289272
RB_p_mrmir0000001308	mmu-miR-23a-5p:MIMAT0017019	9.077341	5.341150759	8.901954	8.217877
RB_p_mrmir000000541	mmu-miR-23b-3p:MIMAT0000125	4.762053	8.386905085	5.097782	5.237106
RB_p_mrmir0000001311	mmu-miR-23b-5p:MIMAT0016980	2.432011	4.271305355	6.731573	1.830936
RB_p_mrmir0000001382	mmu-miR-24-1-5p:MIMAT0000218	3.792362	5.849971429	8.000497	1.846693
RB_p_mrmir0000001380	mmu-miR-24-2-5p:MIMAT0005440	4.115306	3.278691865	7.804453	4.938585
RB_p_mrmir0000002025	mmu-miR-24-3p:MIMAT0000219	7.525992	7.644798758	7.762626	8.401456
RB_p_mrmir000000794	mmu-miR-25-3p:MIMAT0000652	6.753582	5.381499665	7.178531	1.120652
RB_p_mrmir000000403	mmu-miR-25-5p:MIMAT0017049	7.91607	7.59721018	6.526312	5.231876
RB_p_mrmir000000873	mmu-miR-26a-1-3p:MIMAT0017020	4.29828	8.569055249	6.358552	2.97682

RB_p_mrmir00000895	mmu-miR-26a-2-3p:MIMAT0017058	3.683149	2.016009163	6.791028	4.850281
RB_p_mrmir000002186	mmu-miR-26a-5p:MIMAT0000533	5.956227	3.615796058	6.500199	4.010829
RB_p_mrmir00000893	mmu-miR-26b-3p:MIMAT0004630	7.552452	5.467448681	6.046641	3.592082
RB_p_mrmir000002187	mmu-miR-26b-5p:MIMAT0000534	5.351227	3.897582941	6.781743	7.951641
RB_p_mrmir000002192	mmu-miR-27a-3p:MIMAT0000537	5.860259	7.892765424	6.980238	5.122191
RB_p_mrmir00000427	mmu-miR-27a-5p:MIMAT0004633	7.249869	6.692643239	6.631583	4.539825
RB_p_mrmir000002193	mmu-miR-27b-3p:MIMAT0000126	6.595532	6.145271313	6.891856	5.081917
RB_p_mrmir00000307	mmu-miR-27b-5p:MIMAT0004522	5.140408	6.996997143	4.185699	5.644673
RB_p_mrmir000001296	mmu-miR-2861:MIMAT0013803	11.15748	9.408397207	12.46153	12.78907
RB_p_mrmir00000678	mmu-miR-28a-3p:MIMAT0004661	6.439396	7.174379774	5.569535	3.664396
RB_p_mrmir0000094	mmu-miR-28a-5p:MIMAT0000653	6.029278	3.991468837	4.731964	4.203255
RB_p_mrmir00000377	mmu-miR-28b:MIMAT0019354	4.211194	2.784980332	5.405265	4.713975
RB_p_mrmir00000378	mmu-miR-28c:MIMAT0019339	6.807799	5.608935789	6.623107	-0.36063
RB_p_mrmir0000026	mmu-miR-290a-3p:MIMAT0004572	7.155217	4.580531904	7.140339	7.192683
RB_p_mrmir00000237	mmu-miR-290a-5p:MIMAT0000366	7.075868	8.870442542	7.394385	6.172562
RB_p_mrmir00000113	mmu-miR-290b-3p:MIMAT0029901	6.657903	3.554617492	6.857453	5.825247
RB_p_mrmir000001250	mmu-miR-290b-5p:MIMAT0029900	8.036243	7.913637958	6.480983	2.319343
RB_p_mrmir0000028	mmu-miR-291a-3p:MIMAT0000368	4.602444	0.64247868	5.97227	4.522348
RB_p_mrmir00000768	mmu-miR-291a-5p:MIMAT0000367	5.566095	5.78094156	3.775213	5.6945
RB_p_mrmir0000023	mmu-miR-291b-3p:MIMAT0003190	5.3226	6.594192891	6.480958	5.462962
RB_p_mrmir000001166	mmu-miR-291b-5p:MIMAT0003189	5.765909	5.919192046	7.755018	6.408927
RB_p_mrmir0000025	mmu-miR-292a-3p:MIMAT0000370	7.258006	4.067281266	8.53532	6.205608
RB_p_mrmir00000238	mmu-miR-292a-5p:MIMAT0000369	8.283216	6.729983685	7.01182	5.525839
RB_p_mrmir0000077	mmu-miR-292b-3p:MIMAT0029865	6.720528	8.206517163	6.613343	7.604671
RB_p_mrmir00000235	mmu-miR-292b-5p:MIMAT0029864	7.722537	2.139981476	3.925518	4.552342
RB_p_mrmir00000478	mmu-miR-293-3p:MIMAT0000371	7.36316	5.752575349	7.539859	7.114603
RB_p_mrmir00000240	mmu-miR-293-5p:MIMAT0004573	2.045431	3.05397207	7.039213	5.589615
RB_p_mrmir0000030	mmu-miR-294-3p:MIMAT0000372	8.650027	8.665443957	7.689844	4.883543
RB_p_mrmir00000236	mmu-miR-294-5p:MIMAT0004574	5.265682	5.171173096	4.969638	7.029253
RB_p_mrmir0000027	mmu-miR-295-3p:MIMAT0000373	6.881046	2.438011642	5.820132	6.407517
RB_p_mrmir00000241	mmu-miR-295-5p:MIMAT0004575	7.562924	6.779855295	5.652096	6.135107
RB_p_mrmir000001158	mmu-miR-296-3p:MIMAT0004576	7.868091	7.295149284	6.956134	8.741423
RB_p_mrmir00000421	mmu-miR-296-5p:MIMAT0000374	7.364767	8.042085291	8.262155	5.869186
RB_p_mrmir00000589	mmu-miR-297a-5p:MIMAT0000375	9.158538	8.41082589	9.275888	9.701273
RB_p_mrmir000001565	mmu-miR-297b-3p:MIMAT0004827;mmu-miR-297a-3p:MIMAT0004864;mmu-miR-297c-3p:MIMAT0004866	9.096385	7.500721498	7.644861	9.304795
RB_p_mrmir00000586	mmu-miR-297b-5p:MIMAT0003480	3.339164	4.790737342	6.733523	8.090257
RB_p_mrmir00000587	mmu-miR-297c-5p:MIMAT0004865	6.517516	6.474124309	4.955966	8.571394
RB_p_mrmir000001152	mmu-miR-298-3p:MIMAT0017007	5.672576	3.03250812	5.26655	-0.39844
RB_p_mrmir000001271	mmu-miR-298-5p:MIMAT0000376	9.075557	6.981177006	7.708314	9.525943
RB_p_mrmir000001601	mmu-miR-299a-3p:MIMAT0004577	6.055465	4.215658909	1.59452	4.709047

RB_p_mrmir0000002076	mmu-miR-299a-5p:MIMAT0000377	7.09452	7.083311082	6.646652	7.595207
RB_p_mrmir0000001599	mmu-miR-299b-3p:MIMAT0022837	7.972457	7.763940353	8.054418	7.967839
RB_p_mrmir0000001330	mmu-miR-299b-5p:MIMAT0022836	7.75962	6.528008813	7.240781	7.879471
RB_p_mrmir0000001507	mmu-miR-29a-3p:MIMAT0000535	9.048155	7.656956356	7.769321	5.148737
RB_p_mrmir000000252	mmu-miR-29a-5p:MIMAT0004631	5.374116	3.747960855	3.80598	4.665447
RB_p_mrmir0000001249	mmu-miR-29b-1-5p:MIMAT0004523	2.702744	5.535367635	6.121023	5.759569
RB_p_mrmir0000001068	mmu-miR-29b-2-5p:MIMAT0017063	5.422179	2.429177204	7.134407	3.950335
RB_p_mrmir0000001508	mmu-miR-29b-3p:MIMAT0000127	7.893574	3.505178572	4.741307	4.054759
RB_p_mrmir0000001509	mmu-miR-29c-3p:MIMAT0000536	7.189335	7.970220963	5.468492	3.891398
RB_p_mrmir0000001857	mmu-miR-29c-5p:MIMAT0004632	7.185455	7.331250127	8.162721	7.282142
RB_p_mrmir0000001582	mmu-miR-300-3p:MIMAT0000378	7.10374	4.115279078	7.125405	3.217524
RB_p_mrmir0000002231	mmu-miR-300-5p:MIMAT0004578	4.39037	7.618305381	6.465205	3.44116
RB_p_mrmir000000740	mmu-miR-301a-3p:MIMAT0000379	4.443627	5.727799166	6.132348	3.739901
RB_p_mrmir0000001233	mmu-miR-301a-5p:MIMAT0017008	3.993216	2.82855354	6.474438	2.585668
RB_p_mrmir000000743	mmu-miR-301b-3p:MIMAT0004186	5.701572	3.411220262	7.077472	5.180472
RB_p_mrmir0000001231	mmu-miR-301b-5p:MIMAT0017232	7.125125	5.105084447	6.818361	0.627022
RB_p_mrmir0000001442	mmu-miR-302a-3p:MIMAT0000380	7.37852	2.967620282	3.880141	8.618332
RB_p_mrmir000000283	mmu-miR-302a-5p:MIMAT0004579	7.52458	8.334108617	7.907017	2.915514
RB_p_mrmir0000001441	mmu-miR-302b-3p:MIMAT0003374	6.194617	4.857458095	4.536719	3.633962
RB_p_mrmir000000290	mmu-miR-302b-5p:MIMAT0003373	6.09329	5.089535282	5.537688	2.350183
RB_p_mrmir000000116	mmu-miR-302c-3p:MIMAT0003376	5.436714	2.670797341	7.38111	7.625035
RB_p_mrmir0000001253	mmu-miR-302c-5p:MIMAT0003375	2.545488	2.498677517	4.131463	1.566736
RB_p_mrmir0000001440	mmu-miR-302d-3p:MIMAT0003377	9.211579	3.279358472	4.240588	6.367315
RB_p_mrmir000000289	mmu-miR-302d-5p:MIMAT0017225	8.153879	5.803870721	7.643039	2.641364
RB_p_mrmir0000001696	mmu-miR-3057-3p:MIMAT0014823	7.563694	7.226647483	7.243791	8.950759
RB_p_mrmir000000602	mmu-miR-3057-5p:MIMAT0014822	4.777028	6.119471001	8.312413	7.140227
RB_p_mrmir0000002214	mmu-miR-3058-3p:MIMAT0014814	8.260648	6.461502985	6.795579	6.466426
RB_p_mrmir0000001654	mmu-miR-3058-5p:MIMAT0014813	4.343024	6.706982509	7.702124	5.60758
RB_p_mrmir000000877	mmu-miR-3059-3p:MIMAT0014812	10.95448	9.742575156	11.80045	10.86418
RB_p_mrmir0000002290	mmu-miR-3059-5p:MIMAT0014811	6.361308	7.646578483	7.18302	8.459233
RB_p_mrmir000000826	mmu-miR-3060-3p:MIMAT0014827	8.592009	7.667313424	7.076337	8.396785
RB_p_mrmir0000001290	mmu-miR-3060-5p:MIMAT0014826	4.624884	4.69241723	4.552277	3.370887
RB_p_mrmir000000971	mmu-miR-3061-3p:MIMAT0014829	7.367314	6.785499212	5.919011	4.854644
RB_p_mrmir000000749	mmu-miR-3061-5p:MIMAT0014828	9.347653	8.5981995	8.581429	8.551697
RB_p_mrmir000000936	mmu-miR-3062-3p:MIMAT0014831	7.475171	8.798702197	6.097799	8.468987
RB_p_mrmir0000001259	mmu-miR-3062-5p:MIMAT0014830	4.854148	6.851144773	5.77147	5.938407
RB_p_mrmir0000001886	mmu-miR-3063-3p:MIMAT0014833	6.192997	4.815749837	7.135485	4.877404
RB_p_mrmir0000002002	mmu-miR-3063-5p:MIMAT0014832	4.715232	5.783051966	4.036336	4.736082
RB_p_mrmir0000001942	mmu-miR-3064-3p:MIMAT0014835	7.662219	1.706507223	8.0938	8.404784
RB_p_mrmir0000001809	mmu-miR-3064-5p:MIMAT0014834	8.520054	7.437539034	8.001626	8.212418
RB_p_mrmir0000001652	mmu-miR-3065-3p:MIMAT0014837	7.350062	3.445366258	6.446321	5.327189

RB_p_mrmir0000001625	mmu-miR-3065-5p:MIMAT0014836	6.639145	6.373126852	6.613629	5.562565
RB_p_mrmir000000686	mmu-miR-3066-3p:MIMAT0014839	7.154799	6.806435892	6.16033	7.829429
RB_p_mrmir0000002269	mmu-miR-3066-5p:MIMAT0014838	0.820973	9.013568011	7.372997	3.360768
RB_p_mrmir000000799	mmu-miR-3067-3p:MIMAT0014841	11.01274	9.748519948	11.49191	10.60545
RB_p_mrmir000000494	mmu-miR-3067-5p:MIMAT0014840	7.409409	5.332332673	6.705611	6.367924
RB_p_mrmir0000001320	mmu-miR-3068-3p:MIMAT0014843	6.793856	6.324501618	7.088926	2.381827
RB_p_mrmir0000002250	mmu-miR-3068-5p:MIMAT0014842	5.867671	2.963102451	6.391352	1.34888
RB_p_mrmir0000002246	mmu-miR-3069-3p:MIMAT0014845	5.936663	3.510640657	8.245994	5.758203
RB_p_mrmir0000002253	mmu-miR-3069-5p:MIMAT0014844	4.537764	6.62152407	6.434525	3.547064
RB_p_mrmir0000002068	mmu-miR-3070-2-3p:MIMAT0014849	9.752908	6.866412589	7.314749	8.950989
RB_p_mrmir0000002067	mmu-miR-3070-3p:MIMAT0014847	6.318686	7.702843644	7.968393	5.364671
RB_p_mrmir000000344	mmu-miR-3070-5p:MIMAT0014846	7.658197	7.471614323	7.695583	4.561313
RB_p_mrmir000000545	mmu-miR-3071-3p:MIMAT0014851	6.716054	9.906318595	7.717725	4.965002
RB_p_mrmir000000243	mmu-miR-3071-5p:MIMAT0014850	6.614202	6.837356378	8.133031	1.480931
RB_p_mrmir0000001946	mmu-miR-3072-3p:MIMAT0014853	5.418457	5.617134287	9.113449	4.397345
RB_p_mrmir000000411	mmu-miR-3072-5p:MIMAT0014852	13.16832	13.73668273	13.40487	14.16927
RB_p_mrmir0000002236	mmu-miR-3073a-3p:MIMAT0014855	2.654996	1.31052062	4.676883	1.468934
RB_p_mrmir0000001394	mmu-miR-3073a-5p:MIMAT0014854	4.355127	8.080503399	6.700747	5.661424
RB_p_mrmir0000001051	mmu-miR-3073b-3p:MIMAT0022376	6.115229	3.533861891	7.287489	3.991428
RB_p_mrmir000000579	mmu-miR-3073b-5p:MIMAT0022375	6.290049	6.389086291	7.40482	6.638383
RB_p_mrmir0000001165	mmu-miR-3074-1-3p:MIMAT0014857	6.521017	4.956141921	7.239594	5.995556
RB_p_mrmir0000002160	mmu-miR-3074-2-3p:MIMAT0014946	5.100923	2.487800207	5.668921	6.831148
RB_p_mrmir0000001402	mmu-miR-3074-5p:MIMAT0014856	7.336266	3.650665101	8.432905	1.690676
RB_p_mrmir000000551	mmu-miR-3075-3p:MIMAT0014859	4.978723	5.532962857	4.939718	0.369698
RB_p_mrmir0000002111	mmu-miR-3075-5p:MIMAT0014858	10.10161	8.171916088	10.2799	9.719597
RB_p_mrmir000000913	mmu-miR-3076-3p:MIMAT0014861	7.550242	4.369773762	7.044327	4.12411
RB_p_mrmir000000662	mmu-miR-3076-5p:MIMAT0014860	9.13115	8.626663289	8.744352	8.322979
RB_p_mrmir0000001026	mmu-miR-3077-3p:MIMAT0014863	6.776888	6.89597614	6.584063	4.847386
RB_p_mrmir0000001040	mmu-miR-3077-5p:MIMAT0014862	13.89429	14.7000979	14.71684	14.77085
RB_p_mrmir0000002244	mmu-miR-3078-3p:MIMAT0014865	5.858559	8.284430083	6.549079	5.414667
RB_p_mrmir000000615	mmu-miR-3078-5p:MIMAT0014864	6.185797	5.237633407	6.145228	5.978265
RB_p_mrmir000000721	mmu-miR-3079-3p:MIMAT0014867	5.366563	7.497571376	6.374649	8.698919
RB_p_mrmir0000002301	mmu-miR-3079-5p:MIMAT0014866	5.07478	5.035628674	4.917928	4.314095
RB_p_mrmir0000001724	mmu-miR-3080-3p:MIMAT0014869	6.37539	6.422290673	6.497803	4.792908
RB_p_mrmir0000001845	mmu-miR-3080-5p:MIMAT0014868	7.228558	5.720503429	2.837344	0.136088
RB_p_mrmir0000002242	mmu-miR-3081-3p:MIMAT0014871	4.823766	4.289192923	5.751506	1.611378
RB_p_mrmir0000001139	mmu-miR-3081-5p:MIMAT0014870	11.89397	12.39443102	11.94454	11.74632
RB_p_mrmir000000665	mmu-miR-3082-3p:MIMAT0014873	5.072885	7.326079985	7.632475	4.698512
RB_p_mrmir0000001133	mmu-miR-3082-5p:MIMAT0014872	10.68282	9.517283398	11.29069	11.41463
RB_p_mrmir0000001712	mmu-miR-3083-3p:MIMAT0014875	6.851793	3.121072842	5.095379	3.600473
RB_p_mrmir000000410	mmu-miR-3083-5p:MIMAT0014874	5.644143	4.53738859	4.170153	6.320168

RB_p_mrmir0000002221	mmu-miR-3084-3p:MIMAT0014877	7.289596	4.998717732	4.607159	4.863428
RB_p_mrmir0000001406	mmu-miR-3084-5p:MIMAT0014876	8.216342	7.3195114	6.594136	4.349348
RB_p_mrmir0000001808	mmu-miR-3085-3p:MIMAT0014879	8.582857	6.009594666	5.773618	5.384418
RB_p_mrmir000000446	mmu-miR-3085-5p:MIMAT0014878	8.628941	7.36797901	8.813721	8.384073
RB_p_mrmir000000830	mmu-miR-3086-3p:MIMAT0014881	5.448195	9.944238823	2.35467	6.024934
RB_p_mrmir0000001504	mmu-miR-3086-5p:MIMAT0014880	4.957021	3.66438662	6.157888	5.326878
RB_p_mrmir0000001423	mmu-miR-3087-3p:MIMAT0014896	4.733018	3.619017307	6.715986	2.057751
RB_p_mrmir000000728	mmu-miR-3087-5p:MIMAT0014895	9.75057	8.743367837	10.95499	9.985374
RB_p_mrmir0000002200	mmu-miR-3088-3p:MIMAT0014898	6.532414	8.283050864	8.248958	8.375986
RB_p_mrmir0000001225	mmu-miR-3088-5p:MIMAT0014897	4.8667	5.990895788	4.980335	1.208486
RB_p_mrmir000000338	mmu-miR-3089-3p:MIMAT0014900	7.183011	7.052921907	7.495541	4.279282
RB_p_mrmir0000001911	mmu-miR-3089-5p:MIMAT0014899	8.250362	6.222089959	6.683394	6.334472
RB_p_mrmir0000001697	mmu-miR-3090-3p:MIMAT0014902	6.206357	7.462982318	6.548383	7.298313
RB_p_mrmir0000001358	mmu-miR-3090-5p:MIMAT0014901	8.205264	9.204077315	8.383249	8.276103
RB_p_mrmir000000935	mmu-miR-3091-3p:MIMAT0014904	6.80218	7.483607376	5.13225	4.497498
RB_p_mrmir000000788	mmu-miR-3091-5p:MIMAT0014903	7.871868	6.263426063	6.670532	4.802461
RB_p_mrmir0000001127	mmu-miR-3092-3p:MIMAT0014906	6.357985	3.113429086	6.244887	4.229151
RB_p_mrmir000000428	mmu-miR-3092-5p:MIMAT0014905	4.698209	6.730064741	4.023969	4.035947
RB_p_mrmir0000002129	mmu-miR-3093-3p:MIMAT0014908	10.16271	8.372366225	9.045667	8.983295
RB_p_mrmir000000912	mmu-miR-3093-5p:MIMAT0014907	7.769516	8.126207165	6.059701	5.986838
RB_p_mrmir000000902	mmu-miR-3094-3p:MIMAT0014910	6.957959	8.108634354	5.953612	6.420402
RB_p_mrmir0000002158	mmu-miR-3094-5p:MIMAT0014909	6.155731	6.099119398	4.648969	5.177419
RB_p_mrmir0000001994	mmu-miR-3095-3p:MIMAT0014912	10.85554	7.366696738	10.55753	10.10632
RB_p_mrmir000000088	mmu-miR-3095-5p:MIMAT0014911	8.093234	7.088411412	6.637041	1.272199
RB_p_mrmir0000001000	mmu-miR-3097-3p:MIMAT0014916	3.239858	5.100272095	4.356983	2.785622
RB_p_mrmir000000663	mmu-miR-3097-5p:MIMAT0014915	10.07823	10.25661487	9.841622	9.811542
RB_p_mrmir0000002223	mmu-miR-3098-3p:MIMAT0014918	7.081031	1.094001049	6.621943	5.499705
RB_p_mrmir0000001723	mmu-miR-3098-5p:MIMAT0014917	12.41293	12.49324255	13.54808	13.52012
RB_p_mrmir0000001540	mmu-miR-3099-3p:MIMAT0014816	10.82499	6.750813601	11.09666	9.774855
RB_p_mrmir000000815	mmu-miR-3099-5p:MIMAT0014815	4.969147	5.757242762	8.544329	7.812985
RB_p_mrmir0000001104	mmu-miR-30a-3p:MIMAT0000129	6.994427	5.099812809	9.072073	7.764959
RB_p_mrmir0000002081	mmu-miR-30a-5p:MIMAT0000128	7.282975	7.692820017	3.540591	1.639101
RB_p_mrmir0000001059	mmu-miR-30b-3p:MIMAT0004524	7.121368	7.633747934	6.618087	7.697264
RB_p_mrmir0000002079	mmu-miR-30b-5p:MIMAT0000130	7.474628	7.262840467	6.025695	7.392188
RB_p_mrmir0000001057	mmu-miR-30c-1-3p:MIMAT0004616	7.86966	7.671440872	7.587778	7.40042
RB_p_mrmir0000001056	mmu-miR-30c-2-3p:MIMAT0005438	8.394917	7.962067191	6.940495	5.032261
RB_p_mrmir0000002080	mmu-miR-30c-5p:MIMAT0000514	7.120406	6.125383405	6.110842	5.036925
RB_p_mrmir0000001102	mmu-miR-30d-3p:MIMAT0017011	7.794429	6.572974199	6.669072	6.148257
RB_p_mrmir0000002078	mmu-miR-30d-5p:MIMAT0000515	7.735657	8.737038808	8.322319	5.397192
RB_p_mrmir0000001103	mmu-miR-30e-3p:MIMAT0000249	5.878828	8.229756489	6.234658	8.678688
RB_p_mrmir0000002082	mmu-miR-30e-5p:MIMAT0000248	7.374431	5.788736316	5.904455	4.322303

RB_p_mrmir0000001331	mmu-miR-30f:MIMAT0025179	6.627771	6.513940244	6.750196	7.071085
RB_p_mrmir0000001076	mmu-miR-3100-3p:MIMAT0014920	7.203814	8.301684777	7.181834	9.166224
RB_p_mrmir0000002257	mmu-miR-3100-5p:MIMAT0014919	9.516019	6.798508673	8.31047	7.874154
RB_p_mrmir0000001532	mmu-miR-3101-3p:MIMAT0014922	7.205249	3.995733142	6.258158	8.485643
RB_p_mrmir0000001313	mmu-miR-3101-5p:MIMAT0014921	5.444353	9.825135696	5.973628	5.1832
RB_p_mrmir0000001014	mmu-miR-3102-3p.2-3p:MIMAT0014935	7.559089	1.635311279	6.231088	7.405002
RB_p_mrmir0000001141	mmu-miR-3102-3p:MIMAT0014936	8.270315	7.15153974	7.819345	5.619968
RB_p_mrmir0000001328	mmu-miR-3102-5p.2-5p:MIMAT0014934	12.50802	12.72637343	13.6019	14.25122
RB_p_mrmir0000001375	mmu-miR-3102-5p:MIMAT0014933	13.15161	13.35998267	14.57691	14.20724
RB_p_mrmir0000001421	mmu-miR-3103-3p:MIMAT0014938	6.145052	8.324480002	8.025623	6.153221
RB_p_mrmir0000001263	mmu-miR-3103-5p:MIMAT0014937	7.410808	7.836382001	6.949271	7.647691
RB_p_mrmir000000220	mmu-miR-3104-3p:MIMAT0014940	7.66082	8.324976122	7.151237	7.141964
RB_p_mrmir0000001543	mmu-miR-3104-5p:MIMAT0014939	10.06053	7.914352266	9.125271	8.468242
RB_p_mrmir000000269	mmu-miR-3105-3p:MIMAT0014942	5.168559	9.567685901	4.703064	5.016675
RB_p_mrmir000000305	mmu-miR-3105-5p:MIMAT0014941	7.347397	5.58233299	6.602276	7.467926
RB_p_mrmir0000001239	mmu-miR-3106-3p:MIMAT0014818	6.551422	5.487404895	7.815794	4.752712
RB_p_mrmir0000002027	mmu-miR-3106-5p:MIMAT0014817	3.951406	3.049861921	6.244927	5.181367
RB_p_mrmir000000955	mmu-miR-3108-3p:MIMAT0014948	6.948919	-0.27225331	5.609524	5.710462
RB_p_mrmir0000001357	mmu-miR-3108-5p:MIMAT0014947	6.954491	1.933100634	8.090593	-0.2202
RB_p_mrmir0000001542	mmu-miR-3109-3p:MIMAT0014950	5.202392	4.385329059	4.40983	3.991438
RB_p_mrmir000000142	mmu-miR-3109-5p:MIMAT0014949	7.827369	6.409422261	9.120324	5.420775
RB_p_mrmir0000001182	mmu-miR-3110-3p:MIMAT0014952	9.049261	8.072695599	8.86943	8.91264
RB_p_mrmir0000002222	mmu-miR-3110-5p:MIMAT0014951	7.095466	8.144092056	7.12969	5.378776
RB_p_mrmir000000757	mmu-miR-3112-3p:MIMAT0014956	4.56881	3.168479865	6.815598	5.278151
RB_p_mrmir000000189	mmu-miR-3112-5p:MIMAT0014955	6.219093	7.721589872	7.917865	5.009623
RB_p_mrmir0000001727	mmu-miR-3113-3p:MIMAT0014960	3.341776	3.804717823	5.575382	7.033969
RB_p_mrmir0000001353	mmu-miR-3113-5p:MIMAT0014959	6.917008	1.183825857	4.665255	6.374748
RB_p_mrmir0000001962	mmu-miR-31-3p:MIMAT0004634	6.240883	3.750209486	5.627688	2.617468
RB_p_mrmir000000689	mmu-miR-3154:MIMAT0035714	14.32213	14.7049385	14.9434	14.99442
RB_p_mrmir000000387	mmu-miR-31-5p:MIMAT0000538	6.389218	3.478507049	8.371853	7.46447
RB_p_mrmir0000003	mmu-miR-320-3p:MIMAT0000666	10.83767	12.17076504	10.51392	9.732816
RB_p_mrmir0000001211	mmu-miR-320-5p:MIMAT0017057	7.248489	3.074520181	8.412759	4.867559
RB_p_mrmir0000008	mmu-miR-322-3p:MIMAT0000549	6.920463	7.686017822	7.197426	7.762035
RB_p_mrmir000000698	mmu-miR-322-5p:MIMAT0000548	4.360883	6.35693033	7.0246	5.879537
RB_p_mrmir000000667	mmu-miR-323-3p:MIMAT0000551	5.035027	4.629312904	7.788294	3.752132
RB_p_mrmir000000449	mmu-miR-323-5p:MIMAT0004638	7.812822	5.212564773	6.43177	4.899136
RB_p_mrmir000000653	mmu-miR-32-3p:MIMAT0017050	5.759266	7.040747517	9.977758	9.776525
RB_p_mrmir000000811	mmu-miR-324-3p:MIMAT0000556	7.409167	7.454124532	6.717928	4.57393
RB_p_mrmir000000915	mmu-miR-324-5p:MIMAT0000555	7.733854	5.738783181	8.22427	6.442116
RB_p_mrmir0000002285	mmu-miR-325-3p:MIMAT0004640	5.799213	6.381135666	6.168523	5.805545

RB_p_mrmir000000871	mmu-miR-325-5p:MIMAT0000558	5.699592	7.295740335	4.751326	6.661253
RB_p_mrmir0000001612	mmu-miR-32-5p:MIMAT0000654	0.286916	0.774356224	5.638667	6.245254
RB_p_mrmir000000878	mmu-miR-326-3p:MIMAT0000559	4.372217	5.603392749	4.96498	5.059661
RB_p_mrmir0000001300	mmu-miR-326-5p:MIMAT0017027	8.657713	7.22284424	8.629777	8.943237
RB_p_mrmir000000285	mmu-miR-327:MIMAT0004867	10.89483	8.208881041	9.946077	10.90958
RB_p_mrmir0000001049	mmu-miR-328-3p:MIMAT0000565	8.266869	9.009648896	6.253042	5.90555
RB_p_mrmir0000001305	mmu-miR-328-5p:MIMAT0017030	14.45015	14.14911916	14.184	14.1271
RB_p_mrmir00000040	mmu-miR-329-3p:MIMAT0000567	7.713981	7.865755649	7.091756	6.659916
RB_p_mrmir000000324	mmu-miR-329-5p:MIMAT0017032	8.054344	6.449084497	7.470477	6.61677
RB_p_mrmir0000001173	mmu-miR-330-3p:MIMAT0000569	6.868258	8.053111602	7.14769	8.613714
RB_p_mrmir0000001782	mmu-miR-330-5p:MIMAT0004642	7.456273	3.08597757	8.660457	6.038558
RB_p_mrmir0000001202	mmu-miR-331-3p:MIMAT0000571	6.988792	4.396688001	7.313224	3.762775
RB_p_mrmir000000974	mmu-miR-331-5p:MIMAT0004643	8.563009	2.466033279	6.548811	2.300168
RB_p_mrmir000000651	mmu-miR-33-3p:MIMAT0004666	7.770823	6.569770896	4.590388	6.78524
RB_p_mrmir0000002324	mmu-miR-335-3p:MIMAT0004704	6.194781	7.204018665	7.194336	4.972871
RB_p_mrmir0000001627	mmu-miR-335-5p:MIMAT0000766	5.791947	5.246051162	2.602684	6.467334
RB_p_mrmir0000001379	mmu-miR-33-5p:MIMAT0000667	1.921719	7.591218668	3.506151	6.491159
RB_p_mrmir0000001657	mmu-miR-337-3p:MIMAT0000578	5.924972	1.456757169	5.621365	2.786747
RB_p_mrmir000000931	mmu-miR-337-5p:MIMAT0004644	7.420876	6.749227059	4.352282	4.264618
RB_p_mrmir0000001691	mmu-miR-338-3p:MIMAT0000582	4.532121	5.930888951	6.605747	5.962835
RB_p_mrmir00000039	mmu-miR-338-5p:MIMAT0004647	7.038476	5.131097533	6.929111	6.581883
RB_p_mrmir0000001884	mmu-miR-339-3p:MIMAT0004649	6.157999	5.465531446	6.941934	6.583435
RB_p_mrmir0000001711	mmu-miR-339-5p:MIMAT0000584	7.216414	3.838180182	6.752324	6.959165
RB_p_mrmir0000001720	mmu-miR-340-3p:MIMAT0000586	7.932728	0.874486435	3.196656	2.434752
RB_p_mrmir0000002179	mmu-miR-340-5p:MIMAT0004651	7.431812	4.834052825	5.771	0.757018
RB_p_mrmir0000001749	mmu-miR-341-3p:MIMAT0000588	8.50317	8.205374367	7.147348	7.805793
RB_p_mrmir000000944	mmu-miR-341-5p:MIMAT0017037	5.838379	2.495773869	5.249736	3.024716
RB_p_mrmir0000001760	mmu-miR-342-3p:MIMAT0000590	9.210357	7.980519814	7.015532	8.673511
RB_p_mrmir000000436	mmu-miR-342-5p:MIMAT0004653	4.669403	3.95412976	4.680132	4.771172
RB_p_mrmir0000001773	mmu-miR-343:MIMAT0004868	5.468952	6.460819505	1.935431	6.82621
RB_p_mrmir0000001920	mmu-miR-344-3p:MIMAT0000593	6.615321	3.786850626	6.411086	6.620744
RB_p_mrmir000000467	mmu-miR-344-5p:MIMAT0017038	8.34686	8.093123378	6.374394	3.752308
RB_p_mrmir000000795	mmu-miR-344b-3p:MIMAT0014926	5.167891	7.393304859	6.877265	3.487376
RB_p_mrmir000000466	mmu-miR-344b-5p:MIMAT0014925	5.444454	5.123088011	7.65638	5.232439
RB_p_mrmir0000001921	mmu-miR-344c-3p:MIMAT0014928	5.920806	6.349466781	4.637952	5.292511
RB_p_mrmir000000468	mmu-miR-344c-5p:MIMAT0014927	7.873636	5.566062257	6.969522	3.398148
RB_p_mrmir000000469	mmu-miR-344d-1-5p:MIMAT0014819	6.223464	5.487372746	6.954716	2.77993
RB_p_mrmir000000476	mmu-miR-344d-2-5p:MIMAT0014961	5.441753	2.332218345	6.942191	6.65979
RB_p_mrmir000000463	mmu-miR-344d-3-5p:MIMAT0014807	6.403174	5.883545898	6.165695	3.719036
RB_p_mrmir0000001164	mmu-miR-344d-3p:MIMAT0014808	6.264133	5.146853411	6.657426	3.957752
RB_p_mrmir0000001163	mmu-miR-344e-3p:MIMAT0014924	7.282084	7.709086625	2.717739	3.424885

RB_p_mrmir000000724	mmu-miR-344e-5p:MIMAT0014923;m mu-miR-344h-5p:MIMAT0022383	7.078881	5.037929099	8.377318	4.154471
RB_p_mrmir0000001015	mmu-miR-344f-3p:MIMAT0014932	6.90562	7.290499328	7.550889	1.42834
RB_p_mrmir000000471	mmu-miR-344f-5p:MIMAT0014931	7.873256	1.382423553	5.858215	7.304741
RB_p_mrmir000000722	mmu-miR-344g-3p:MIMAT0014930	7.678721	2.205861833	5.870915	3.530598
RB_p_mrmir000000464	mmu-miR-344g-5p:MIMAT0014929	6.866738	6.530893222	7.947142	6.423257
RB_p_mrmir0000001316	mmu-miR-344h-3p:MIMAT0022384	7.218286	7.034667302	6.546232	6.686513
RB_p_mrmir000000110	mmu-miR-344i:MIMAT0022503	5.527616	7.012686662	3.338659	5.49567
RB_p_mrmir000000881	mmu-miR-345-3p:MIMAT0004656	9.237467	7.594632557	7.751594	8.25571
RB_p_mrmir0000001237	mmu-miR-345-5p:MIMAT0000595	6.83627	6.034264241	6.587123	3.243998
RB_p_mrmir000000391	mmu-miR-346-3p:MIMAT0017039	11.02325	10.38028183	9.552833	10.04399
RB_p_mrmir0000002109	mmu-miR-346-5p:MIMAT0000597	6.749786	7.195566574	8.801298	7.368545
RB_p_mrmir0000001647	mmu-miR-3470a:MIMAT0015640	7.151342	4.40823932	5.626556	4.727517
RB_p_mrmir0000001644	mmu-miR-3470b:MIMAT0015641	5.413315	0.692324247	7.551597	5.826019
RB_p_mrmir0000001876	mmu-miR-3471:MIMAT0015642	3.837676	4.626830697	6.589164	5.875582
RB_p_mrmir0000001448	mmu-miR-3472:MIMAT0015643	12.58418	12.61235795	13.34639	13.05795
RB_p_mrmir0000002000	mmu-miR-3473a:MIMAT0015645	8.719942	7.714052948	8.540863	8.30712
RB_p_mrmir0000001293	mmu-miR-3473b:MIMAT0020367	10.10278	8.524580735	10.24346	9.112596
RB_p_mrmir0000001779	mmu-miR-3473c:MIMAT0020614	7.735204	7.954461055	7.503389	6.881022
RB_p_mrmir000000810	mmu-miR-3473d:MIMAT0020632	5.623046	5.913426026	8.708771	8.502975
RB_p_mrmir0000001294	mmu-miR-3473e:MIMAT0025587	10.20366	10.18850984	10.57141	10.28812
RB_p_mrmir000000621	mmu-miR-3473f:MIMAT0031390	9.37668	8.958599864	11.13225	10.20255
RB_p_mrmir000000612	mmu-miR-3473g:MIMAT0031427	13.38572	13.44278386	12.85899	12.93693
RB_p_mrmir000000853	mmu-miR-3474:MIMAT0015646	9.352879	7.213328599	9.30962	8.812709
RB_p_mrmir0000001805	mmu-miR-3475-3p:MIMAT0015219	3.704249	6.964593634	6.158838	7.25251
RB_p_mrmir000000035	mmu-miR-3475-5p:MIMAT0026642	7.519332	7.200930067	7.07557	8.004848
RB_p_mrmir000000126	mmu-miR-34a-3p:MIMAT0017022	5.768581	5.893479824	4.26287	3.77349
RB_p_mrmir0000002015	mmu-miR-34a-5p:MIMAT0000542	6.099038	6.938682231	6.948858	4.040332
RB_p_mrmir000000125	mmu-miR-34b-3p:MIMAT0004581	8.303267	6.019328812	7.212331	8.076732
RB_p_mrmir000000395	mmu-miR-34b-5p:MIMAT0000382	5.234502	5.730253027	6.995957	3.844713
RB_p_mrmir000000124	mmu-miR-34c-3p:MIMAT0004580	8.793804	9.27363281	8.784555	10.46053
RB_p_mrmir000000396	mmu-miR-34c-5p:MIMAT0000381	5.585932	7.101593731	8.207092	4.5006
RB_p_mrmir0000002189	mmu-miR-350-3p:MIMAT0000605	7.489393	6.09213261	6.978924	4.832417
RB_p_mrmir00000024	mmu-miR-350-5p:MIMAT0017040	4.566737	3.747655805	6.693253	5.424878
RB_p_mrmir0000001317	mmu-miR-351-3p:MIMAT0017042	8.923346	6.903314987	7.388415	8.845235
RB_p_mrmir0000001706	mmu-miR-351-5p:MIMAT0000609	7.231156	5.261851154	5.931976	4.926813
RB_p_mrmir0000002007	mmu-miR-3535:MIMAT0031410	7.113821	8.831115439	5.87337	7.355325
RB_p_mrmir000000246	mmu-miR-3544-3p:MIMAT0022354	7.97678	4.18588138	6.921081	6.447164
RB_p_mrmir000000291	mmu-miR-3544-5p:MIMAT0022353	5.974012	3.693990883	8.383578	5.081366
RB_p_mrmir0000001879	mmu-miR-3547-3p:MIMAT0027833	7.113493	6.705739195	8.313688	1.974429
RB_p_mrmir0000001387	mmu-miR-3547-5p:MIMAT0027832	13.79433	13.1887123	13.3371	13.28223
RB_p_mrmir000000408	mmu-miR-3552:MIMAT0035715	7.42146	7.958732081	6.416561	3.768838

RB_p_mrmir0000001670	mmu-miR-3569-3p:MIMAT0029855	6.546613	4.389557856	6.076992	6.354069
RB_p_mrmir0000001742	mmu-miR-3569-5p:MIMAT0029854	12.70831	11.75736514	11.79818	11.6833
RB_p_mrmir0000001456	mmu-miR-3572-3p:MIMAT0020636	6.58667	6.715471383	8.261197	4.387996
RB_p_mrmir0000002046	mmu-miR-3572-5p:MIMAT0022986	13.48568	13.12228728	12.95986	13.16871
RB_p_mrmir0000001700	mmu-miR-361-3p:MIMAT0017075	7.866676	7.03735042	7.298995	7.543079
RB_p_mrmir0000002181	mmu-miR-361-5p:MIMAT0000704	7.337351	5.248601973	7.063504	5.836423
RB_p_mrmir000000969	mmu-miR-3618-3p:MIMAT0035717	4.361699	3.566482148	7.096536	5.715446
RB_p_mrmir0000002121	mmu-miR-3618-5p:MIMAT0035716	6.048678	5.250601812	6.953782	2.236686
RB_p_mrmir0000001041	mmu-miR-3620-3p:MIMAT0029879	9.015966	9.130083707	9.152679	7.647133
RB_p_mrmir0000001082	mmu-miR-3620-5p:MIMAT0029878	12.92129	12.56806518	11.81977	10.96807
RB_p_mrmir00000041	mmu-miR-362-3p:MIMAT0004684	6.413198	6.201652617	4.703971	6.178902
RB_p_mrmir000000133	mmu-miR-362-5p:MIMAT0000706	2.253887	5.960024888	2.759714	4.9552
RB_p_mrmir000000150	mmu-miR-363-3p:MIMAT0000708	6.233518	3.041301076	2.654492	1.427908
RB_p_mrmir000000736	mmu-miR-363-5p:MIMAT0017076	7.673056	8.237288886	6.880566	5.912844
RB_p_mrmir000000416	mmu-miR-365-1-5p:MIMAT0017077	5.744682	8.124348027	8.552715	8.047755
RB_p_mrmir000000415	mmu-miR-365-2-5p:MIMAT0017179	7.888546	7.04765438	6.815821	5.246782
RB_p_mrmir0000001450	mmu-miR-365-3p:MIMAT0000711	6.733158	6.060380381	6.202682	7.837205
RB_p_mrmir000000151	mmu-miR-367-3p:MIMAT0003181	7.515847	6.180681787	7.522775	3.420245
RB_p_mrmir000000282	mmu-miR-367-5p:MIMAT0017214	6.398557	2.812701149	4.35679	1.977809
RB_p_mrmir000000121	mmu-miR-369-3p:MIMAT0003186	1.472183	2.610869858	0.759812	5.487734
RB_p_mrmir000000330	mmu-miR-369-5p:MIMAT0003185	6.860618	2.145804035	8.446158	5.360409
RB_p_mrmir0000001210	mmu-miR-370-3p:MIMAT0001095	9.048356	6.73712405	7.551571	8.297465
RB_p_mrmir000000731	mmu-miR-370-5p:MIMAT0017174	7.081069	6.677311871	7.231363	3.217
RB_p_mrmir0000001329	mmu-miR-374b-3p:MIMAT0003728	7.423051	6.390045633	4.89502	6.733174
RB_p_mrmir000000526	mmu-miR-374b-5p:MIMAT0003727	3.643916	4.003188113	6.100745	3.531802
RB_p_mrmir000000284	mmu-miR-374c-3p:MIMAT0014954	4.525398	2.74537404	3.473606	5.876025
RB_p_mrmir000000514	mmu-miR-374c-5p:MIMAT0014953	6.576405	4.224316587	4.950753	1.745878
RB_p_mrmir0000002318	mmu-miR-375-3p:MIMAT0000739	6.657811	7.549006487	5.02656	7.541272
RB_p_mrmir0000001215	mmu-miR-375-5p:MIMAT0017078	8.059109	7.26378557	7.396609	5.480411
RB_p_mrmir000000554	mmu-miR-376a-3p:MIMAT0000740	6.477863	5.334419666	5.181862	6.916179
RB_p_mrmir0000001315	mmu-miR-376a-5p:MIMAT0003387	7.171582	8.267461787	6.215269	3.035948
RB_p_mrmir000000544	mmu-miR-376b-3p:MIMAT0001092	4.48754	4.639443693	5.944677	6.100364
RB_p_mrmir0000001383	mmu-miR-376b-5p:MIMAT0003388	6.766985	5.29914916	6.209458	0.950194
RB_p_mrmir00000044	mmu-miR-376c-3p:MIMAT0003183	6.45527	2.581022977	4.236857	3.008096
RB_p_mrmir0000001385	mmu-miR-376c-5p:MIMAT0005295	5.954725	4.520281478	5.552935	1.121351
RB_p_mrmir000000540	mmu-miR-377-3p:MIMAT0000741	6.372578	7.351856142	5.692579	0.934189
RB_p_mrmir000000323	mmu-miR-377-5p:MIMAT0017079	6.898066	3.366209008	5.607462	0.655044
RB_p_mrmir000000272	mmu-miR-378a-3p:MIMAT0003151	10.08558	9.573358946	10.14074	9.969774
RB_p_mrmir0000001008	mmu-miR-378a-5p:MIMAT0000742	3.353804	2.297699309	6.921025	4.139493
RB_p_mrmir0000001044	mmu-miR-378b:MIMAT0019348	8.359051	7.112655196	8.290401	8.797155
RB_p_mrmir000000271	mmu-miR-378c:MIMAT0025138	8.067803	5.524322581	8.425405	8.091845

RB_p_mrmir000000275	mmu-miR-378d:MIMAT0025167	9.209748	7.768543279	8.996951	9.204037
RB_p_mrmir0000001593	mmu-miR-379-3p:MIMAT0017080	4.609161	3.527251998	3.611997	3.187575
RB_p_mrmir0000002062	mmu-miR-379-5p:MIMAT0000743	7.834861	5.041813922	6.922803	3.585751
RB_p_mrmir0000001595	mmu-miR-380-3p:MIMAT0000745	6.300885	4.583165346	6.665556	3.240734
RB_p_mrmir000000582	mmu-miR-380-5p:MIMAT0000744	6.369689	5.793302526	6.378364	4.785195
RB_p_mrmir0000001563	mmu-miR-381-3p:MIMAT0000746	5.281258	6.388668423	6.139479	6.608526
RB_p_mrmir000000348	mmu-miR-381-5p:MIMAT0017081	5.723599	5.932923613	5.974209	5.760223
RB_p_mrmir0000001686	mmu-miR-382-3p:MIMAT0004691	7.577929	4.574251372	6.763405	2.553843
RB_p_mrmir0000001125	mmu-miR-382-5p:MIMAT0000747	5.723195	2.972180179	6.285293	6.119774
RB_p_mrmir000000806	mmu-miR-383-3p:MIMAT0017082	5.069692	3.372738139	5.995216	3.294086
RB_p_mrmir000000329	mmu-miR-383-5p:MIMAT0000748	7.795438	7.916441508	7.760591	8.333305
RB_p_mrmir000000596	mmu-miR-384-3p:MIMAT0001076	0.701152	3.678360442	4.182606	1.45272
RB_p_mrmir0000002077	mmu-miR-384-5p:MIMAT0004745	5.049973	2.080258336	3.61998	3.108574
RB_p_mrmir0000001278	mmu-miR-3960:MIMAT0019336	15.389	15.6211173	14.35219	15.50882
RB_p_mrmir0000001948	mmu-miR-3961:MIMAT0019338	6.321167	4.127448365	5.172736	3.820051
RB_p_mrmir000000438	mmu-miR-3962:MIMAT0019340	2.341348	1.720286324	5.609715	1.30143
RB_p_mrmir0000002094	mmu-miR-3963:MIMAT0019341	6.914614	9.272610244	5.534002	6.325006
RB_p_mrmir000000511	mmu-miR-3964:MIMAT0019344	4.848264	4.225318797	7.835874	7.888923
RB_p_mrmir0000001977	mmu-miR-3965:MIMAT0019347	6.439244	0.88680135	7.487067	0.205053
RB_p_mrmir000000361	mmu-miR-3966:MIMAT0019350	4.780331	3.675236849	7.656029	8.381422
RB_p_mrmir000000370	mmu-miR-3967:MIMAT0019351	6.453517	2.879034868	6.603003	2.591803
RB_p_mrmir000000905	mmu-miR-3968:MIMAT0019352	8.174537	8.262934917	7.818781	7.291646
RB_p_mrmir000000851	mmu-miR-3969:MIMAT0019353	6.552393	6.290615888	6.000274	3.602071
RB_p_mrmir0000001159	mmu-miR-3970:MIMAT0019355	5.773064	3.718653905	6.149588	1.938594
RB_p_mrmir0000001005	mmu-miR-3971:MIMAT0019356	3.995549	5.841008569	5.665044	7.269072
RB_p_mrmir0000001128	mmu-miR-409-3p:MIMAT0001090	6.559306	5.449640897	5.964706	5.47522
RB_p_mrmir000000451	mmu-miR-409-5p:MIMAT0004746	6.836034	7.315063624	7.769789	5.783771
RB_p_mrmir000000123	mmu-miR-410-3p:MIMAT0001091	4.317485	5.459390176	7.267649	-0.22935
RB_p_mrmir000000459	mmu-miR-410-5p:MIMAT0017172	6.105016	3.321687875	6.555461	6.559239
RB_p_mrmir0000001592	mmu-miR-411-3p:MIMAT0001093	6.813729	6.761732953	6.815297	8.723255
RB_p_mrmir0000001553	mmu-miR-411-5p:MIMAT0004747	6.111452	4.566623777	7.222494	3.812768
RB_p_mrmir0000002195	mmu-miR-412-3p:MIMAT0001094	7.586513	7.761553178	7.317052	4.822267
RB_p_mrmir0000002064	mmu-miR-412-5p:MIMAT0017173	4.466716	6.579976297	7.68618	1.347834
RB_p_mrmir000000539	mmu-miR-421-3p:MIMAT0004869	7.818216	4.299904292	7.879594	4.763026
RB_p_mrmir0000001002	mmu-miR-421-5p:MIMAT0017273	4.897137	4.837875709	8.301706	6.344072
RB_p_mrmir000000360	mmu-miR-423-3p:MIMAT0003454	7.049302	4.107717391	7.091841	4.228148
RB_p_mrmir0000001891	mmu-miR-423-5p:MIMAT0004825	11.44557	10.86421885	10.62552	10.72033
RB_p_mrmir000000553	mmu-miR-425-3p:MIMAT0001342	7.419176	8.024700912	7.59189	6.881013
RB_p_mrmir000000138	mmu-miR-425-5p:MIMAT0004750	7.053327	7.685816876	8.879758	8.648249
RB_p_mrmir0000001447	mmu-miR-429-3p:MIMAT0001537	4.87278	5.857846651	5.98496	2.91666
RB_p_mrmir0000001359	mmu-miR-429-5p:MIMAT0017178	4.146029	4.337250722	5.667633	4.864533

RB_p_mrmir000000733	mmu-miR-431-3p:MIMAT0004753	8.091399	8.091946989	1.380041	5.814329
RB_p_mrmir0000002114	mmu-miR-431-5p:MIMAT0001418	5.85599	3.135738339	4.49229	3.168927
RB_p_mrmir0000001827	mmu-miR-432:MIMAT0012771	11.2059	8.874973861	10.12552	10.1434
RB_p_mrmir000000547	mmu-miR-433-3p:MIMAT0001420	5.746794	6.637804457	6.896385	7.085259
RB_p_mrmir0000001477	mmu-miR-433-5p:MIMAT0001419	7.078538	7.350108768	6.384023	4.20288
RB_p_mrmir0000002298	mmu-miR-434-3p:MIMAT0001422	7.470994	5.75598786	7.786634	8.442584
RB_p_mrmir0000001229	mmu-miR-434-5p:MIMAT0001421	3.854881	4.408542867	4.311471	4.053517
RB_p_mrmir0000002240	mmu-miR-448-3p:MIMAT0001533	5.195741	7.905927998	5.891737	2.498413
RB_p_mrmir0000001117	mmu-miR-448-5p:MIMAT0017176	6.583969	3.866352498	6.556262	4.917544
RB_p_mrmir000000705	mmu-miR-449a-3p:MIMAT0017180	6.399793	4.887166309	7.0859	5.361521
RB_p_mrmir0000002014	mmu-miR-449a-5p:MIMAT0001542	5.527628	6.167446798	5.169932	3.984571
RB_p_mrmir000000397	mmu-miR-449b:MIMAT0005447	4.15877	3.931438489	6.728731	4.846514
RB_p_mrmir000000755	mmu-miR-449c-3p:MIMAT0022715	5.336611	4.990576931	4.229723	6.30116
RB_p_mrmir000000394	mmu-miR-449c-5p:MIMAT0003460	4.922689	9.991488963	6.48338	5.842407
RB_p_mrmir000000603	mmu-miR-450a-1-3p:MIMAT0017182	6.936218	2.00694935	6.336523	6.20989
RB_p_mrmir000000607	mmu-miR-450a-2-3p:MIMAT0004789	5.511999	8.710631188	5.061474	0.785454
RB_p_mrmir0000002322	mmu-miR-450a-5p:MIMAT0001546	4.547533	6.061640274	7.882446	8.340812
RB_p_mrmir000000604	mmu-miR-450b-3p:MIMAT0003512	4.823227	1.054877897	4.294209	1.247752
RB_p_mrmir0000002320	mmu-miR-450b-5p:MIMAT0003511	7.531974	5.003145203	6.722482	3.499484
RB_p_mrmir00000013	mmu-miR-451a:MIMAT0001632	5.303133	7.495174585	6.791366	0.710986
RB_p_mrmir0000002039	mmu-miR-451b:MIMAT0025178	5.90845	8.437752086	9.541812	7.738829
RB_p_mrmir0000001669	mmu-miR-452-3p:MIMAT0017194	6.798375	5.726556737	7.84029	5.995119
RB_p_mrmir0000002162	mmu-miR-452-5p:MIMAT0001637	8.582397	9.073830839	9.416722	9.451954
RB_p_mrmir000000455	mmu-miR-453:MIMAT0004870	4.669175	6.920069772	6.961234	4.948733
RB_p_mrmir0000001192	mmu-miR-455-3p:MIMAT0003742	6.663814	5.901651909	6.887682	7.200534
RB_p_mrmir0000001597	mmu-miR-455-5p:MIMAT0003485	2.556323	5.285458649	5.431175	4.049924
RB_p_mrmir0000001913	mmu-miR-463-3p:MIMAT0004758	0.670106	3.189671338	8.07985	2.971579
RB_p_mrmir0000001473	mmu-miR-463-5p:MIMAT0002104	7.374922	5.262530472	6.488223	0.809268
RB_p_mrmir0000001167	mmu-miR-465a-3p:MIMAT0004217;m mu-miR-465b-3p:MIMAT0004872;mmu -miR-465c-3p:MIMAT0004874	7.445941	5.74785614	7.708105	8.484198
RB_p_mrmir0000001619	mmu-miR-465a-5p:MIMAT0002106	7.575612	5.343713029	7.84876	4.411417
RB_p_mrmir0000001622	mmu-miR-465b-5p:MIMAT0004871	5.702473	4.981829737	7.006077	3.814947
RB_p_mrmir0000001620	mmu-miR-465c-5p:MIMAT0004873	3.028644	2.360574885	4.643587	1.401617
RB_p_mrmir0000001918	mmu-miR-465d-3p:MIMAT0029881	8.251599	9.103128986	5.901481	3.606818
RB_p_mrmir0000001621	mmu-miR-465d-5p:MIMAT0029880	6.576581	9.264934865	6.769972	6.779574
RB_p_mrmir0000001567	mmu-miR-466a-3p:MIMAT0002107;m mu-miR-466e-3p:MIMAT0004880	8.778146	8.094462148	7.690875	9.665307
RB_p_mrmir0000001603	mmu-miR-466a-5p:MIMAT0004759	4.662224	6.065588355	4.93603	7.959583
RB_p_mrmir000000520	mmu-miR-466b-3p:MIMAT0004876;m mu-miR-466c-3p:MIMAT0004878;mmu -miR-466p-3p:MIMAT0014892	7.977708	7.473338187	6.876966	9.51968

RB_p_mrmir0000001922	mmu-miR-466b-5p:MIMAT0004875;mmu-miR-466o-5p:MIMAT0014885	4.31443	5.411445678	5.24857	5.925285
RB_p_mrmir0000001923	mmu-miR-466c-5p:MIMAT0004877	8.433063	7.562414042	9.616615	9.931928
RB_p_mrmir0000001568	mmu-miR-466d-3p:MIMAT0004931	8.614397	7.527635755	8.897564	10.49853
RB_p_mrmir0000002147	mmu-miR-466d-5p:MIMAT0004930	6.388643	4.047495056	7.055367	4.031403
RB_p_mrmir0000001170	mmu-miR-466e-5p:MIMAT0004879	5.842141	3.464126682	5.255953	4.38295
RB_p_mrmir000000229	mmu-miR-466f:MIMAT0005844	9.814489	7.344753808	10.07705	10.65444
RB_p_mrmir000000762	mmu-miR-466f-3p:MIMAT0004882	12.11359	11.53401811	12.88772	13.63051
RB_p_mrmir0000001482	mmu-miR-466f-5p:MIMAT0004881	10.13287	8.607620376	10.59571	10.64743
RB_p_mrmir000000516	mmu-miR-466g:MIMAT0004883	9.917001	9.234413799	8.213737	9.705755
RB_p_mrmir0000001475	mmu-miR-466h-3p:MIMAT0017274	12.10969	11.08976668	12.8749	12.76407
RB_p_mrmir0000002145	mmu-miR-466h-5p:MIMAT0004884	9.152288	8.046665566	9.119724	9.946243
RB_p_mrmir000000515	mmu-miR-466i-3p:MIMAT0005834	10.85468	8.058231717	10.70468	10.13417
RB_p_mrmir0000002149	mmu-miR-466i-5p:MIMAT0017325	11.64733	9.95572701	12.38018	12.24295
RB_p_mrmir0000002143	mmu-miR-466j:MIMAT0005848	9.701597	8.280119583	10.22386	10.4336
RB_p_mrmir0000002148	mmu-miR-466k:MIMAT0005845	5.713555	5.604756264	6.535239	1.452477
RB_p_mrmir0000001560	mmu-miR-466l-3p:MIMAT0005830	7.453507	2.988733206	6.660859	5.80756
RB_p_mrmir0000002280	mmu-miR-466l-5p:MIMAT0017322	2.320911	3.340158437	-0.30665	3.231144
RB_p_mrmir0000001462	mmu-miR-466m-3p:MIMAT0014883	10.54872	10.67837357	11.10971	12.38279
RB_p_mrmir0000001569	mmu-miR-466n-3p:MIMAT0014894	5.799351	7.136912512	7.016902	5.914549
RB_p_mrmir0000001399	mmu-miR-466n-5p:MIMAT0014893	6.941251	5.100726489	7.442923	6.957841
RB_p_mrmir0000001463	mmu-miR-466o-3p:MIMAT0014886	7.91246	6.866929303	7.631032	8.685381
RB_p_mrmir0000001602	mmu-miR-466p-5p:MIMAT0014891	6.479944	1.96283445	4.806557	4.735829
RB_p_mrmir0000001378	mmu-miR-466q:MIMAT0020631	10.82588	9.45412154	11.49853	11.88804
RB_p_mrmir000000767	mmu-miR-467a-3p:MIMAT0002108	9.394424	8.878259611	10.09057	9.79771
RB_p_mrmir0000001437	mmu-miR-467a-5p:MIMAT0003409	5.447465	5.703998435	6.812759	1.571045
RB_p_mrmir000000528	mmu-miR-467b-3p:MIMAT0003478	10.41168	10.74463147	11.02549	12.44963
RB_p_mrmir0000001335	mmu-miR-467b-5p:MIMAT0005448	6.517444	5.477414025	5.414199	4.047771
RB_p_mrmir000000530	mmu-miR-467c-3p:MIMAT0017275	9.760659	8.427052305	10.42231	10.44148
RB_p_mrmir0000001439	mmu-miR-467c-5p:MIMAT0004885	6.665521	5.996120618	6.338221	6.835661
RB_p_mrmir000000529	mmu-miR-467d-3p:MIMAT0004887	11.49033	10.49260823	11.67407	12.98655
RB_p_mrmir0000001438	mmu-miR-467d-5p:MIMAT0004886	4.308944	4.648000206	4.244954	4.195051
RB_p_mrmir000000531	mmu-miR-467e-3p:MIMAT0005294	8.769392	7.783307331	6.699192	8.311844
RB_p_mrmir000000512	mmu-miR-467e-5p:MIMAT0005293	6.072965	4.562369237	3.940116	3.764212
RB_p_mrmir000000527	mmu-miR-467f:MIMAT0005846	11.69161	11.32253544	11.76724	12.69352
RB_p_mrmir0000001564	mmu-miR-467g:MIMAT0005854	8.793864	7.189999202	9.930299	10.68095
RB_p_mrmir000000513	mmu-miR-467h:MIMAT0005855	7.951749	6.117828498	7.49779	5.995754
RB_p_mrmir0000001581	mmu-miR-468-3p:MIMAT0002109	9.757916	8.294839218	10.43535	10.43865
RB_p_mrmir0000001138	mmu-miR-468-5p:MIMAT0022699	5.380052	6.832357033	6.066418	3.512538
RB_p_mrmir00000052	mmu-miR-470-3p:MIMAT0004760	7.920469	3.832142407	8.123481	8.755274
RB_p_mrmir0000002226	mmu-miR-470-5p:MIMAT0002111	9.010374	6.737762035	7.227179	8.775041
RB_p_mrmir0000001836	mmu-miR-471-3p:MIMAT0017195	7.272188	5.77952293	8.658772	1.107685

RB_p_mrmir0000001480	mmu-miR-471-5p:MIMAT0002112	6.022514	3.83877188	5.411949	7.428357
RB_p_mrmir0000001643	mmu-miR-483-3p:MIMAT0003120	6.509323	5.677655283	6.288256	3.395374
RB_p_mrmir00000076	mmu-miR-483-5p:MIMAT0004782	14.96095	15.03196878	15.36918	14.57561
RB_p_mrmir0000001661	mmu-miR-484:MIMAT0003127	7.196468	8.175615578	6.699967	7.523042
RB_p_mrmir000000472	mmu-miR-485-3p:MIMAT0003129	7.734478	5.523291733	6.54488	6.81063
RB_p_mrmir000000312	mmu-miR-485-5p:MIMAT0003128	7.231367	6.703647795	6.068948	5.197691
RB_p_mrmir000000939	mmu-miR-486a-3p:MIMAT0017206	7.286534	4.569130456	5.533856	6.686756
RB_p_mrmir0000001731	mmu-miR-486a-5p:MIMAT0003130;m mu-miR-486b-5p:MIMAT0014943	7.97608	5.305176588	5.639075	6.925236
RB_p_mrmir000000938	mmu-miR-486b-3p:MIMAT0014944	7.677857	10.76151237	5.926463	8.111964
RB_p_mrmir000000136	mmu-miR-487b-3p:MIMAT0003184	7.380639	3.683460014	7.768072	4.591996
RB_p_mrmir0000002071	mmu-miR-487b-5p:MIMAT0017216	7.678288	6.574886903	6.62962	6.454587
RB_p_mrmir0000002228	mmu-miR-488-3p:MIMAT0003450	6.627511	4.900164949	5.686924	6.486079
RB_p_mrmir000000833	mmu-miR-488-5p:MIMAT0003449	5.874674	7.801710181	6.411974	2.853547
RB_p_mrmir000000137	mmu-miR-489-3p:MIMAT0003112	6.511783	3.97736703	5.76476	4.030241
RB_p_mrmir0000002099	mmu-miR-489-5p:MIMAT0022704	3.836608	2.064819745	7.230869	6.024737
RB_p_mrmir000000633	mmu-miR-490-3p:MIMAT0003780	7.866904	7.167442148	5.451906	6.958832
RB_p_mrmir000000827	mmu-miR-490-5p:MIMAT0017261	8.009997	7.601232983	6.857311	6.944849
RB_p_mrmir0000001087	mmu-miR-491-3p:MIMAT0017255	6.710292	4.150903921	8.53018	4.762724
RB_p_mrmir000000483	mmu-miR-491-5p:MIMAT0003486	6.213751	4.095371625	7.974781	8.340343
RB_p_mrmir0000001846	mmu-miR-493-3p:MIMAT0004888	7.385854	8.442178813	7.273699	8.297899
RB_p_mrmir0000002271	mmu-miR-493-5p:MIMAT0017276	3.661	7.809213718	5.686745	5.490754
RB_p_mrmir0000001833	mmu-miR-494-3p:MIMAT0003182	13.32369	14.25753201	12.90556	14.23391
RB_p_mrmir000000458	mmu-miR-494-5p:MIMAT0017215	6.310052	8.867949878	7.605531	8.651222
RB_p_mrmir0000006	mmu-miR-495-3p:MIMAT0003456	6.419299	8.698384851	5.067554	2.405196
RB_p_mrmir0000001124	mmu-miR-495-5p:MIMAT0017249	5.258642	6.090287472	3.917639	6.031401
RB_p_mrmir0000001908	mmu-miR-496a-3p:MIMAT0003738	6.733339	8.638976411	7.812779	6.692554
RB_p_mrmir000000454	mmu-miR-496a-5p:MIMAT0017244	3.801332	4.150453469	6.912324	5.727342
RB_p_mrmir000000630	mmu-miR-496b:MIMAT0025158	5.81236	5.080144337	3.492071	3.838504
RB_p_mrmir000000613	mmu-miR-497a-3p:MIMAT0017247	9.174751	-0.17079151	0.679995	3.98533
RB_p_mrmir000000699	mmu-miR-497a-5p:MIMAT0003453	5.822429	2.979781117	8.778147	4.742407
RB_p_mrmir000000668	mmu-miR-497b:MIMAT0031404	6.060696	5.842374635	7.460571	3.569385
RB_p_mrmir0000001116	mmu-miR-499-3p:MIMAT0017254	5.252963	2.048128567	6.10703	4.627699
RB_p_mrmir0000002165	mmu-miR-499-5p:MIMAT0003482	0.588487	7.190631105	4.210355	5.59702
RB_p_mrmir000000141	mmu-miR-500-3p:MIMAT0003507	8.079463	5.990763628	6.229363	5.6932
RB_p_mrmir000000132	mmu-miR-500-5p:MIMAT0017258	5.719861	2.415716048	7.32477	4.98981
RB_p_mrmir000000139	mmu-miR-501-3p:MIMAT0003509	6.088292	2.451042913	6.173407	0.565426
RB_p_mrmir000000135	mmu-miR-501-5p:MIMAT0003508	6.998461	7.222478741	6.493677	2.075402
RB_p_mrmir0000001160	mmu-miR-503-3p:MIMAT0004790	6.475857	2.708785428	7.431138	4.427433
RB_p_mrmir0000001519	mmu-miR-503-5p:MIMAT0003188	7.10189	5.779566924	7.453425	5.880697
RB_p_mrmir000000417	mmu-miR-504-3p:MIMAT0017277	11.64321	11.42684234	11.71437	12.72565
RB_p_mrmir000000297	mmu-miR-504-5p:MIMAT0004889	7.38999	6.373302387	4.930747	2.788781

RB_p_mrmir000000358	mmu-miR-5046:MIMAT0020540	7.682704	6.570463241	7.240372	5.131199
RB_p_mrmir000000954	mmu-miR-505-3p:MIMAT0003513	7.293777	8.746413674	5.468107	6.111834
RB_p_mrmir0000001288	mmu-miR-505-5p:MIMAT0017259	7.170894	6.398773371	5.523612	6.506699
RB_p_mrmir0000001925	mmu-miR-509-3p:MIMAT0004891	3.007869	7.177014538	2.999102	5.521981
RB_p_mrmir0000001488	mmu-miR-509-5p:MIMAT0004890	6.502192	7.709943633	6.554729	3.216414
RB_p_mrmir0000001401	mmu-miR-5098:MIMAT0020605	2.388762	5.750795548	7.613228	6.794986
RB_p_mrmir0000002175	mmu-miR-5099:MIMAT0020606	8.652442	10.34164358	10.19648	10.85676
RB_p_mrmir0000001736	mmu-miR-5100:MIMAT0020607	7.055606	6.797667512	7.555873	7.816504
RB_p_mrmir0000002319	mmu-miR-5101:MIMAT0020608	6.01597	3.430003986	6.473207	-0.79966
RB_p_mrmir0000001681	mmu-miR-5103:MIMAT0020610	4.970524	4.951599646	5.781476	1.768908
RB_p_mrmir0000001079	mmu-miR-5104:MIMAT0020611	7.700086	7.917174691	7.075874	7.248089
RB_p_mrmir000000445	mmu-miR-5106:MIMAT0020613	7.733143	6.179925285	6.487734	5.292163
RB_p_mrmir000000634	mmu-miR-5107-3p:MIMAT0022985	6.210474	5.873419752	7.152128	7.462579
RB_p_mrmir0000002041	mmu-miR-5107-5p:MIMAT0020615	13.61875	14.14368377	14.4402	13.56239
RB_p_mrmir0000001339	mmu-miR-5108:MIMAT0020616	7.323283	6.491711135	6.951795	6.464855
RB_p_mrmir0000001261	mmu-miR-5110:MIMAT0020618	11.16418	10.35874569	12.75759	12.21406
RB_p_mrmir0000001525	mmu-miR-5112:MIMAT0020620	11.8921	10.66589932	10.97469	9.683917
RB_p_mrmir000000172	mmu-miR-5113:MIMAT0020621	11.02392	9.87615537	11.95012	11.70546
RB_p_mrmir000000147	mmu-miR-511-3p:MIMAT0017281	8.159313	5.108999607	9.82746	9.908431
RB_p_mrmir000000273	mmu-miR-5114:MIMAT0020622	8.818676	7.545424857	9.070241	8.9995
RB_p_mrmir000000568	mmu-miR-511-5p:MIMAT0004940	8.436185	5.022632911	8.013366	2.292659
RB_p_mrmir0000002300	mmu-miR-5116:MIMAT0020624	7.261014	8.908872472	8.041818	3.835558
RB_p_mrmir000000109	mmu-miR-5118:MIMAT0020626	4.405033	7.462817255	6.779792	2.985315
RB_p_mrmir000000775	mmu-miR-5119:MIMAT0020627	11.39619	11.92784374	11.21053	11.38542
RB_p_mrmir0000002310	mmu-miR-5120:MIMAT0020628	8.86874	2.603046347	5.384566	5.728044
RB_p_mrmir000000371	mmu-miR-5121:MIMAT0020629	8.164738	4.769929419	3.939957	5.023119
RB_p_mrmir000000861	mmu-miR-5122:MIMAT0020630	9.617065	8.019847469	7.99395	7.638956
RB_p_mrmir0000002089	mmu-miR-5123:MIMAT0020633	7.512194	6.346504041	6.558984	4.126203
RB_p_mrmir0000001318	mmu-miR-5124a:MIMAT0020634	7.994034	8.042068458	2.378654	5.841355
RB_p_mrmir0000002024	mmu-miR-5124b:MIMAT0025136	7.691963	5.981981126	5.527197	7.818582
RB_p_mrmir0000001799	mmu-miR-5125:MIMAT0020635	5.050295	6.413724334	7.143993	5.377829
RB_p_mrmir0000001219	mmu-miR-5126:MIMAT0020637	15.50838	15.93356229	15.94925	15.68334
RB_p_mrmir0000001770	mmu-miR-5127:MIMAT0020638	4.757314	3.441578126	6.053608	3.828718
RB_p_mrmir000000652	mmu-miR-5128:MIMAT0020639	11.68818	10.55047603	11.91008	11.0531
RB_p_mrmir000000145	mmu-miR-5129-3p:MIMAT0022987	6.642161	1.777831733	9.093964	6.969437
RB_p_mrmir000000590	mmu-miR-5129-5p:MIMAT0020640	8.034093	7.637218127	7.266177	4.420367
RB_p_mrmir0000001045	mmu-miR-5130:MIMAT0020641	14.44676	13.76229572	13.15122	13.23702
RB_p_mrmir000000928	mmu-miR-5131:MIMAT0020642	7.316046	7.079354845	8.660468	7.652492
RB_p_mrmir0000001027	mmu-miR-5132-3p:MIMAT0022988	6.544233	5.601640176	7.267974	7.933051
RB_p_mrmir0000001223	mmu-miR-5132-5p:MIMAT0020643	10.89338	9.424021922	9.86083	10.07854
RB_p_mrmir0000001241	mmu-miR-5133:MIMAT0020644	8.926316	8.007646514	9.067846	7.914282

RB_p_mrmir000000226	mmu-miR-5134-3p:MIMAT0022989	8.070375	3.108890719	6.816811	1.142218
RB_p_mrmir0000002252	mmu-miR-5134-5p:MIMAT0020645	9.418264	9.873794793	9.693665	10.09151
RB_p_mrmir000000444	mmu-miR-5135:MIMAT0020646	10.41258	7.851090139	8.540237	8.971541
RB_p_mrmir000000537	mmu-miR-5136:MIMAT0020647	7.403289	8.232539238	4.504929	6.223483
RB_p_mrmir000000876	mmu-miR-532-3p:MIMAT0004781	7.614052	3.992492119	6.654105	6.707184
RB_p_mrmir000000784	mmu-miR-532-5p:MIMAT0002889	5.188856	4.375562523	8.724466	6.692472
RB_p_mrmir000000760	mmu-miR-539-3p:MIMAT0017208	5.644734	4.101804554	5.890465	7.778143
RB_p_mrmir0000001258	mmu-miR-539-5p:MIMAT0003169	7.144648	6.234228695	7.826562	7.099379
RB_p_mrmir000000441	mmu-miR-540-3p:MIMAT0003167	5.133741	5.578022799	5.347011	3.819638
RB_p_mrmir000000644	mmu-miR-540-5p:MIMAT0004786	5.947531	7.996791096	6.838582	6.150416
RB_p_mrmir0000002018	mmu-miR-541-3p:MIMAT0017209	7.978782	6.467958462	6.384983	7.772133
RB_p_mrmir000000102	mmu-miR-541-5p:MIMAT0003170	3.857183	6.892987761	6.407321	5.853991
RB_p_mrmir0000002117	mmu-miR-542-3p:MIMAT0003172	4.458651	8.340432074	7.641304	3.348456
RB_p_mrmir0000001011	mmu-miR-542-5p:MIMAT0003171	6.43009	4.932013029	6.108639	3.757602
RB_p_mrmir00000012	mmu-miR-543-3p:MIMAT0003168	6.498382	0.698707431	5.43115	5.592527
RB_p_mrmir000000120	mmu-miR-543-5p:MIMAT0017207	6.583629	3.994128549	5.897809	7.629131
RB_p_mrmir000000600	mmu-miR-544-3p:MIMAT0004941	4.960516	7.475749301	5.497343	5.718409
RB_p_mrmir0000001829	mmu-miR-544-5p:MIMAT0017282	8.115761	2.84258502	5.68156	4.834442
RB_p_mrmir000000580	mmu-miR-546:MIMAT0003166	4.892257	8.093579454	6.759649	6.043893
RB_p_mrmir0000001098	mmu-miR-547-3p:MIMAT0003173	6.50492	2.209218388	4.151551	7.235576
RB_p_mrmir000000687	mmu-miR-547-5p:MIMAT0017210	6.37387	5.507941669	2.268096	5.874751
RB_p_mrmir0000001214	mmu-miR-551b-3p:MIMAT0003890	5.968068	5.905816415	4.843461	1.93382
RB_p_mrmir0000001115	mmu-miR-551b-5p:MIMAT0017236	8.034132	7.13513078	7.716542	5.30983
RB_p_mrmir0000002107	mmu-miR-5615-3p:MIMAT0022356	6.868905	6.400973334	7.610346	7.447969
RB_p_mrmir0000001100	mmu-miR-5615-5p:MIMAT0022355	5.991313	5.022672786	8.076803	8.143753
RB_p_mrmir00000074	mmu-miR-5616-3p:MIMAT0022360	10.78048	9.90954879	10.91546	10.79773
RB_p_mrmir0000002289	mmu-miR-5616-5p:MIMAT0022359	5.526633	8.120800096	5.807663	1.091554
RB_p_mrmir000000719	mmu-miR-5617-3p:MIMAT0022362	6.302269	7.820785114	7.006187	7.204789
RB_p_mrmir0000001334	mmu-miR-5617-5p:MIMAT0022361	8.283557	6.385222871	7.928563	6.243593
RB_p_mrmir000000984	mmu-miR-5618-3p:MIMAT0022364	3.248057	4.909848462	5.169315	4.291018
RB_p_mrmir0000001471	mmu-miR-5618-5p:MIMAT0022363	2.363318	3.573940977	6.036435	4.829094
RB_p_mrmir000000903	mmu-miR-5619-3p:MIMAT0022366	4.25917	7.0484635	6.618543	6.625297
RB_p_mrmir000000462	mmu-miR-5619-5p:MIMAT0022365	5.029102	6.219756815	6.13725	-0.7782
RB_p_mrmir000000184	mmu-miR-5620-3p:MIMAT0022368	8.354684	4.422625504	5.624764	7.231815
RB_p_mrmir000000217	mmu-miR-5620-5p:MIMAT0022367	6.282658	8.7028994	8.529821	7.394113
RB_p_mrmir0000002042	mmu-miR-5621-3p:MIMAT0022370	7.336671	6.992786545	6.58762	5.33027
RB_p_mrmir000000383	mmu-miR-5621-5p:MIMAT0022369	4.696408	8.966590741	7.374992	2.844872
RB_p_mrmir0000001086	mmu-miR-5622-3p:MIMAT0022372	11.94232	11.30183824	11.51215	10.11912
RB_p_mrmir0000002194	mmu-miR-5622-5p:MIMAT0022371	7.580238	7.801892272	6.555989	8.261038
RB_p_mrmir0000001404	mmu-miR-5623-3p:MIMAT0022374	5.331368	3.336858973	4.429024	4.078842
RB_p_mrmir0000002013	mmu-miR-5623-5p:MIMAT0022373	6.284941	5.859894774	6.923181	6.513496

RB_p_mrmir0000002167	mmu-miR-5624-3p:MIMAT0022378	3.861332	4.713788226	4.260491	4.399707
RB_p_mrmir0000001616	mmu-miR-5624-5p:MIMAT0022377	6.993596	8.916035515	7.058092	4.300169
RB_p_mrmir0000001028	mmu-miR-5625-3p:MIMAT0022380	7.34515	7.752986179	7.226358	8.59452
RB_p_mrmir000000849	mmu-miR-5625-5p:MIMAT0022379	3.707796	4.410227934	6.746584	3.112832
RB_p_mrmir000000700	mmu-miR-5626-3p:MIMAT0022382	6.78302	7.562860487	8.338079	7.19539
RB_p_mrmir0000001200	mmu-miR-5626-5p:MIMAT0022381	6.513532	4.281676822	6.679711	3.203153
RB_p_mrmir000000180	mmu-miR-5627-3p:MIMAT0022386	6.487675	4.439978467	7.538129	3.778625
RB_p_mrmir000000317	mmu-miR-5627-5p:MIMAT0022385	8.146738	4.628572449	6.666045	6.464986
RB_p_mrmir000000585	mmu-miR-568:MIMAT0004892	9.223575	4.451927096	8.731492	10.46807
RB_p_mrmir00000021	mmu-miR-5709-3p:MIMAT0027104	4.646477	6.472329831	8.155153	6.799852
RB_p_mrmir000000521	mmu-miR-5709-5p:MIMAT0022504	7.008568	6.646214104	1.975217	5.383147
RB_p_mrmir0000001828	mmu-miR-5710:MIMAT0022505	5.080087	6.295879722	6.35552	6.679316
RB_p_mrmir000000675	mmu-miR-574-3p:MIMAT0004894	11.17051	10.7506813	11.75214	12.78399
RB_p_mrmir0000001910	mmu-miR-574-5p:MIMAT0004893	11.44184	10.17293566	12.10314	12.49597
RB_p_mrmir0000001422	mmu-miR-582-3p:MIMAT0005292	3.957071	3.639642527	5.785674	1.09441
RB_p_mrmir000000518	mmu-miR-582-5p:MIMAT0005291	6.817871	4.970621605	6.484788	4.376357
RB_p_mrmir0000001452	mmu-miR-590-3p:MIMAT0004896	7.594586	6.426734268	2.925219	2.841778
RB_p_mrmir0000001148	mmu-miR-590-5p:MIMAT0004895	7.203238	5.252769302	1.727634	2.30095
RB_p_mrmir0000001680	mmu-miR-592-3p:MIMAT0017234	8.566134	9.545106397	7.762222	6.77035
RB_p_mrmir000000609	mmu-miR-592-5p:MIMAT0003730	7.685462	5.138039471	5.918352	4.57609
RB_p_mrmir0000001481	mmu-miR-598-3p:MIMAT0004942	6.612115	8.309007378	6.781583	5.501623
RB_p_mrmir0000001222	mmu-miR-598-5p:MIMAT0017283	11.48733	10.92651557	8.691157	8.72531
RB_p_mrmir0000002278	mmu-miR-599:MIMAT0012772	8.669998	2.421965312	2.697775	6.14899
RB_p_mrmir0000001713	mmu-miR-615-3p:MIMAT0003783	6.902553	3.897607389	6.832286	3.162725
RB_p_mrmir0000001306	mmu-miR-615-5p:MIMAT0004837	8.115358	5.993190376	7.740258	5.915304
RB_p_mrmir0000001208	mmu-miR-6236:MIMAT0024857	7.517104	8.049099169	7.14043	7.55877
RB_p_mrmir0000002166	mmu-miR-6237:MIMAT0024858	5.446333	5.712047847	5.858129	6.508242
RB_p_mrmir0000002184	mmu-miR-6238:MIMAT0024859	11.20476	12.70089902	12.06339	12.47122
RB_p_mrmir0000001524	mmu-miR-6239:MIMAT0024860	9.80013	11.79061742	9.242096	11.08812
RB_p_mrmir000000798	mmu-miR-6240:MIMAT0024861	11.07492	12.75174897	11.80229	13.0015
RB_p_mrmir000000676	mmu-miR-6241:MIMAT0024862	6.518961	7.720943298	2.405925	2.900261
RB_p_mrmir0000001303	mmu-miR-6244:MIMAT0024864	7.720629	6.375112294	7.197614	3.989438
RB_p_mrmir0000001031	mmu-miR-6335:MIMAT0025077	6.632808	5.129043684	6.108943	5.067645
RB_p_mrmir0000001776	mmu-miR-6336:MIMAT0025079	4.372743	5.348825747	4.721058	5.487257
RB_p_mrmir0000001890	mmu-miR-6337:MIMAT0025080	8.428513	4.618638369	7.85615	3.910493
RB_p_mrmir0000001069	mmu-miR-6338:MIMAT0025081	5.092208	6.296112126	4.67342	6.671982
RB_p_mrmir0000001169	mmu-miR-6339:MIMAT0025082	4.990135	2.440995482	6.145036	5.337674
RB_p_mrmir0000001349	mmu-miR-6340:MIMAT0025083	6.3979	4.546258464	4.809421	1.969589
RB_p_mrmir000000741	mmu-miR-6341:MIMAT0025084	4.617177	4.206545112	4.975271	3.738376
RB_p_mrmir000000697	mmu-miR-6342:MIMAT0025085	6.406211	7.192000285	6.407295	5.652778
RB_p_mrmir0000002083	mmu-miR-6343:MIMAT0025086	8.109626	4.815188975	7.664042	4.547101

RB_p_mrmir0000001409	mmu-miR-6344:MIMAT0025087	5.163807	6.299646033	5.549686	7.696169
RB_p_mrmir0000001511	mmu-miR-6345:MIMAT0025088	7.812439	7.427539578	7.218881	7.211766
RB_p_mrmir0000001521	mmu-miR-6346:MIMAT0025089	5.875171	2.09474366	7.06423	6.1741
RB_p_mrmir000000748	mmu-miR-6347:MIMAT0025090	9.440913	8.75214783	8.873566	6.546615
RB_p_mrmir0000001656	mmu-miR-6348:MIMAT0025091	9.630193	8.149761493	10.91002	10.56272
RB_p_mrmir0000001992	mmu-miR-6349:MIMAT0025092	11.81137	10.85932695	11.55555	11.23389
RB_p_mrmir0000001520	mmu-miR-6350:MIMAT0025093	3.668767	2.883728821	7.193534	5.894197
RB_p_mrmir0000001523	mmu-miR-6351:MIMAT0025094	7.128267	6.360463864	7.185837	5.782745
RB_p_mrmir0000002309	mmu-miR-6352:MIMAT0025095	7.894866	8.552192139	5.119936	6.362255
RB_p_mrmir0000001518	mmu-miR-6353:MIMAT0025096	3.592522	1.88179175	4.884925	6.973766
RB_p_mrmir0000001949	mmu-miR-6354:MIMAT0025097	7.440427	6.573303423	7.100468	4.582187
RB_p_mrmir000000654	mmu-miR-6355:MIMAT0025098	0.298055	4.499258772	4.63435	5.02894
RB_p_mrmir0000001699	mmu-miR-6356:MIMAT0025099	7.941249	8.733246714	5.924033	6.186173
RB_p_mrmir0000001510	mmu-miR-6357:MIMAT0025100	6.624069	6.261520843	6.891881	7.972115
RB_p_mrmir000000753	mmu-miR-6358:MIMAT0025101	7.432293	6.50671453	6.656799	3.929252
RB_p_mrmir000000910	mmu-miR-6359:MIMAT0025102	7.220188	6.029785361	7.445059	6.72609
RB_p_mrmir0000001556	mmu-miR-6360:MIMAT0025103	10.56788	9.087518266	10.24367	10.177
RB_p_mrmir0000002022	mmu-miR-6361:MIMAT0025104	6.502007	5.882359705	7.55188	2.824734
RB_p_mrmir0000001391	mmu-miR-6362:MIMAT0025106	6.461404	4.929137755	4.35503	3.780307
RB_p_mrmir0000002088	mmu-miR-6363:MIMAT0025107	7.848341	4.589058937	2.066859	6.159689
RB_p_mrmir0000001740	mmu-miR-6364:MIMAT0025108	8.089321	7.660163601	4.665233	7.082038
RB_p_mrmir0000002177	mmu-miR-6365:MIMAT0025109	4.563582	2.030884895	6.576524	1.496133
RB_p_mrmir000000354	mmu-miR-6366:MIMAT0025110	10.80839	8.807628809	10.29375	8.236581
RB_p_mrmir0000001704	mmu-miR-6367:MIMAT0025111	7.216512	3.230380759	7.031226	3.461147
RB_p_mrmir0000001055	mmu-miR-6368:MIMAT0025112	13.23034	13.31528005	14.50887	11.75171
RB_p_mrmir0000002026	mmu-miR-6369:MIMAT0025113	7.676664	8.117480091	7.804468	4.161605
RB_p_mrmir0000001190	mmu-miR-6370:MIMAT0025114	12.58051	10.47287127	12.73147	12.80381
RB_p_mrmir0000002188	mmu-miR-6371:MIMAT0025115	3.246733	7.887389257	4.227293	7.642957
RB_p_mrmir000000293	mmu-miR-6372:MIMAT0025116	7.028486	4.79000079	7.566613	5.900066
RB_p_mrmir0000001590	mmu-miR-6373:MIMAT0025117	7.815316	7.868960999	7.544946	8.2227
RB_p_mrmir000000119	mmu-miR-6374:MIMAT0025118	6.61491	5.342523062	5.931961	1.745892
RB_p_mrmir0000001131	mmu-miR-6375:MIMAT0025119	6.180707	8.073910907	7.465559	4.692697
RB_p_mrmir000000754	mmu-miR-6376:MIMAT0025120	4.591124	6.77273432	5.450582	2.538136
RB_p_mrmir0000001688	mmu-miR-6377:MIMAT0025122	8.006058	7.675543982	7.366402	6.706102
RB_p_mrmir0000002072	mmu-miR-6378:MIMAT0025124	11.11598	10.23149141	10.01614	11.83912
RB_p_mrmir0000001709	mmu-miR-6379:MIMAT0025125	6.270891	7.126599847	8.011474	3.825668
RB_p_mrmir0000002086	mmu-miR-6380:MIMAT0025126	5.585976	4.372401374	6.36067	3.548776
RB_p_mrmir000000716	mmu-miR-6381:MIMAT0025127	7.710038	3.948034779	7.546115	8.405037
RB_p_mrmir0000001989	mmu-miR-6382:MIMAT0025128	11.08691	9.293386264	9.158623	9.946583
RB_p_mrmir0000001412	mmu-miR-6383:MIMAT0025129	3.231177	7.787027624	6.11481	4.659485
RB_p_mrmir0000001254	mmu-miR-6384:MIMAT0025130	6.755172	6.842889385	6.45347	6.627146

RB_p_mrmir0000001176	mmu-miR-6385:MIMAT0025131	13.88021	12.90294071	14.18863	14.22219
RB_p_mrmir000000783	mmu-miR-6386:MIMAT0025133	9.360593	8.234544321	8.536514	8.771273
RB_p_mrmir0000001986	mmu-miR-6387:MIMAT0025134	5.503459	1.706866127	5.32496	3.23533
RB_p_mrmir0000001931	mmu-miR-6388:MIMAT0025135	9.696421	9.233185804	10.49991	9.881647
RB_p_mrmir000000745	mmu-miR-6389:MIMAT0025137	6.631462	5.530149965	5.952425	-0.06931
RB_p_mrmir0000001130	mmu-miR-6390:MIMAT0025139	9.015947	9.232789477	1.814433	4.428558
RB_p_mrmir0000001888	mmu-miR-6391:MIMAT0025140	10.57743	11.08894354	9.988382	9.867833
RB_p_mrmir0000001136	mmu-miR-6392-3p:MIMAT0025142	6.427306	3.543990672	6.690681	6.773516
RB_p_mrmir0000001806	mmu-miR-6392-5p:MIMAT0025141	7.464562	6.843323725	7.568589	5.429967
RB_p_mrmir0000001035	mmu-miR-6393:MIMAT0025143	8.772308	6.800394834	7.157956	6.156204
RB_p_mrmir0000001708	mmu-miR-6394:MIMAT0025144	9.424267	4.964118778	5.877301	5.678451
RB_p_mrmir0000001048	mmu-miR-6395:MIMAT0025146	7.506989	2.338459939	7.291788	2.934838
RB_p_mrmir0000001297	mmu-miR-6396:MIMAT0025147	7.373458	7.767321898	6.850556	5.37791
RB_p_mrmir0000001998	mmu-miR-6397:MIMAT0025149	6.807077	4.02753021	7.189802	4.378377
RB_p_mrmir0000001347	mmu-miR-6398:MIMAT0025150	7.778099	9.010002719	6.11386	5.899785
RB_p_mrmir0000002237	mmu-miR-6399:MIMAT0025151	5.679742	7.873519487	6.331935	5.403348
RB_p_mrmir0000002225	mmu-miR-6400:MIMAT0025152	7.66647	7.046640129	5.662263	3.043559
RB_p_mrmir0000002170	mmu-miR-6401:MIMAT0025153	8.231217	6.146959126	7.039228	6.410458
RB_p_mrmir0000001143	mmu-miR-6402:MIMAT0025154	6.536133	8.653654715	6.074688	6.298371
RB_p_mrmir0000001174	mmu-miR-6403:MIMAT0025155	4.727162	6.726740659	4.659629	4.159015
RB_p_mrmir0000001389	mmu-miR-6404:MIMAT0025156	10.59621	9.22952796	11.52494	10.51305
RB_p_mrmir0000001388	mmu-miR-6405:MIMAT0025157	10.5731	10.99648846	11.35611	10.65187
RB_p_mrmir000000918	mmu-miR-6406:MIMAT0025159	8.084694	5.158064601	6.52374	3.799238
RB_p_mrmir0000002030	mmu-miR-6407:MIMAT0025160	3.398602	5.608737689	7.237858	4.943772
RB_p_mrmir000000666	mmu-miR-6408:MIMAT0025161	9.420858	7.797411596	8.755744	7.716346
RB_p_mrmir0000001961	mmu-miR-6409:MIMAT0025162	8.559735	4.951391319	8.690999	6.270877
RB_p_mrmir0000002023	mmu-miR-6410:MIMAT0025163	4.905833	7.449564704	8.135001	5.262434
RB_p_mrmir0000001522	mmu-miR-6411:MIMAT0025164	3.392579	3.355052002	8.423596	-0.52096
RB_p_mrmir0000001735	mmu-miR-6412:MIMAT0025165	7.073909	7.106836904	8.396588	8.023722
RB_p_mrmir0000002021	mmu-miR-6413:MIMAT0025166	9.922754	8.811698634	10.06717	8.455896
RB_p_mrmir000000968	mmu-miR-6414:MIMAT0025168	5.097718	3.557585508	6.955334	2.160207
RB_p_mrmir0000001149	mmu-miR-6415:MIMAT0025169	3.917182	5.660063173	6.176294	4.976522
RB_p_mrmir0000001172	mmu-miR-6416-3p:MIMAT0025171	11.88862	11.21990162	12.23399	11.80522
RB_p_mrmir0000001006	mmu-miR-6416-5p:MIMAT0025170	8.04102	6.711145027	5.577317	1.539445
RB_p_mrmir0000001505	mmu-miR-6417:MIMAT0025172	7.652683	7.325397834	5.837123	7.472732
RB_p_mrmir000000253	mmu-miR-6418-3p:MIMAT0025174	7.832003	6.607595406	6.059145	4.82575
RB_p_mrmir0000001663	mmu-miR-6418-5p:MIMAT0025173	12.22423	12.70585181	13.43778	12.47776
RB_p_mrmir000000696	mmu-miR-6419:MIMAT0025175	6.178731	8.077431481	6.472062	6.426426
RB_p_mrmir000000232	mmu-miR-6420:MIMAT0025176	5.580198	6.022402834	2.948237	5.473826
RB_p_mrmir000000683	mmu-miR-6481:MIMAT0027339	3.621916	1.60406037	4.436641	4.955158
RB_p_mrmir0000001685	mmu-miR-6516-3p:MIMAT0027344	4.662939	4.958808053	6.846091	2.908457

RB_p_mrmir000002303	mmu-miR-6516-5p:MIMAT0027343	7.755471	8.335180545	8.872421	6.196204
RB_p_mrmir000000143	mmu-miR-652-3p:MIMAT0003711	6.803873	4.524701829	7.776133	0.272788
RB_p_mrmir000000632	mmu-miR-652-5p:MIMAT0017260	9.546554	8.038300491	8.309516	7.084993
RB_p_mrmir0000002196	mmu-miR-653-3p:MIMAT0017284	5.504025	6.277451737	4.840857	4.094535
RB_p_mrmir0000001400	mmu-miR-653-5p:MIMAT0004943	8.9296	8.039324351	5.462655	4.866477
RB_p_mrmir0000002182	mmu-miR-6537-3p:MIMAT0025582	7.607313	7.430411737	5.924497	8.187745
RB_p_mrmir0000001377	mmu-miR-6537-5p:MIMAT0025581	5.078708	6.834792025	5.875033	7.300309
RB_p_mrmir000000919	mmu-miR-6538:MIMAT0025583	11.65317	12.00336756	12.34288	12.14722
RB_p_mrmir0000001180	mmu-miR-6539:MIMAT0025584	6.03633	6.847719765	7.898747	8.694712
RB_p_mrmir0000001787	mmu-miR-6540-3p:MIMAT0025586	7.042493	9.034396968	7.857666	5.893045
RB_p_mrmir000000967	mmu-miR-6540-5p:MIMAT0025585	7.658815	6.274680337	8.792976	7.555151
RB_p_mrmir000000661	mmu-miR-6541:MIMAT0025588	5.546969	5.893450824	4.892814	4.953279
RB_p_mrmir0000001596	mmu-miR-654-3p:MIMAT0004898	6.354581	7.159097934	6.601145	5.611988
RB_p_mrmir0000002060	mmu-miR-654-5p:MIMAT0004897	3.767503	7.943305339	5.697628	7.55173
RB_p_mrmir0000001146	mmu-miR-6546-3p:MIMAT0029793	7.617833	7.599379633	8.39921	7.922387
RB_p_mrmir000000401	mmu-miR-6546-5p:MIMAT0029792	5.149159	5.507396091	5.889467	3.656788
RB_p_mrmir0000001611	mmu-miR-664-3p:MIMAT0012774	6.772817	3.865183106	6.679011	3.705822
RB_p_mrmir0000001053	mmu-miR-664-5p:MIMAT0017353	9.01248	6.08121165	7.516587	8.587573
RB_p_mrmir000000197	mmu-miR-665-3p:MIMAT0003733	8.700696	4.090424669	7.629902	6.879051
RB_p_mrmir000000433	mmu-miR-665-5p:MIMAT0017238	8.215232	7.481546596	8.312087	5.857046
RB_p_mrmir0000001280	mmu-miR-666-3p:MIMAT0004823	4.632533	7.642987896	6.261555	4.432553
RB_p_mrmir000000350	mmu-miR-666-5p:MIMAT0003737	8.716846	9.249169613	8.614643	8.957444
RB_p_mrmir0000001854	mmu-miR-667-3p:MIMAT0003734	7.765455	7.967170968	8.368138	9.134393
RB_p_mrmir000000948	mmu-miR-667-5p:MIMAT0017239	9.198602	8.80615149	10.30324	8.334127
RB_p_mrmir0000002096	mmu-miR-668-3p:MIMAT0003732	7.873875	6.676797516	7.446463	5.239292
RB_p_mrmir0000001336	mmu-miR-668-5p:MIMAT0017237	8.381839	6.500017404	7.726225	4.968146
RB_p_mrmir000000186	mmu-miR-669a-3-3p:MIMAT0017251	8.446582	7.748645576	9.513515	10.60985
RB_p_mrmir000000185	mmu-miR-669a-3p:MIMAT0017243;m mu-miR-669o-3p:MIMAT0017347	7.749762	8.382984544	10.92739	11.91156
RB_p_mrmir000000498	mmu-miR-669a-5p:MIMAT0003477;m mu-miR-669p-5p:MIMAT0014889	7.355682	6.92997987	8.251237	8.9265
RB_p_mrmir000000765	mmu-miR-669b-3p:MIMAT0017250	9.199856	7.934423838	8.425259	10.76295
RB_p_mrmir000000504	mmu-miR-669b-5p:MIMAT0003476	7.642279	7.139324588	8.813038	8.783549
RB_p_mrmir0000001453	mmu-miR-669c-3p:MIMAT0017253	9.535295	9.304553448	9.337156	11.67532
RB_p_mrmir000000525	mmu-miR-669c-5p:MIMAT0003479	10.42987	9.682460607	11.94155	11.25439
RB_p_mrmir000000533	mmu-miR-669d-2-3p:MIMAT0014884	7.862536	5.99682824	6.591946	9.554044
RB_p_mrmir0000001566	mmu-miR-669d-3p:MIMAT0017324	9.498774	7.024936375	7.863073	10.18731
RB_p_mrmir000000288	mmu-miR-669d-5p:MIMAT0005833	8.722005	7.946980954	8.630867	9.322897
RB_p_mrmir0000001848	mmu-miR-669e-3p:MIMAT0017330	9.789852	8.810966269	11.04836	11.48059
RB_p_mrmir0000002115	mmu-miR-669e-5p:MIMAT0005853	5.015534	7.253755907	8.559368	8.259582
RB_p_mrmir000000766	mmu-miR-669f-3p:MIMAT0005839	10.10707	9.641238843	12.03409	11.94318
RB_p_mrmir000000497	mmu-miR-669f-5p:MIMAT0017327	6.632534	7.382952622	11.06408	10.7297

RB_p_mrmir0000001941	mmu-miR-669g:MIMAT0005832	3.53877	3.027577947	4.798926	4.447059
RB_p_mrmir0000001583	mmu-miR-669h-3p:MIMAT0005842	8.807145	7.753442308	9.976789	11.39879
RB_p_mrmir000000567	mmu-miR-669h-5p:MIMAT0005841	6.725912	7.58675623	8.11641	6.65948
RB_p_mrmir0000001939	mmu-miR-669i:MIMAT0005840	8.774158	8.032693522	6.918496	5.415566
RB_p_mrmir0000001940	mmu-miR-669j:MIMAT0005838	7.207825	7.193806149	7.083524	5.104005
RB_p_mrmir0000001584	mmu-miR-669k-3p:MIMAT0005831	5.283988	4.491375507	5.684182	5.24419
RB_p_mrmir0000002124	mmu-miR-669k-5p:MIMAT0017323	10.02968	10.20871081	10.27353	7.722525
RB_p_mrmir000000534	mmu-miR-669l-3p:MIMAT0017345	7.814892	7.014395202	7.058371	9.490917
RB_p_mrmir000000496	mmu-miR-669l-5p:MIMAT0009418	8.249835	6.823781343	9.64432	9.823354
RB_p_mrmir000000535	mmu-miR-669m-3p:MIMAT0009419	7.128671	3.719628743	6.592301	9.331299
RB_p_mrmir0000002144	mmu-miR-669m-5p:MIMAT0017346;m mu-miR-466m-5p:MIMAT0014882	9.154533	8.30452146	10.44775	10.8006
RB_p_mrmir000000611	mmu-miR-669n:MIMAT0009427	10.35162	9.099126323	11.87023	11.51671
RB_p_mrmir0000001557	mmu-miR-669o-5p:MIMAT0009421	7.347954	6.223298525	7.668906	7.65498
RB_p_mrmir000000759	mmu-miR-669p-3p:MIMAT0014890	10.07002	9.480717479	10.9199	11.56182
RB_p_mrmir0000002288	mmu-miR-670-3p:MIMAT0017242	4.965124	1.351148509	5.776665	4.193964
RB_p_mrmir000000548	mmu-miR-670-5p:MIMAT0003736	8.70206	4.980916184	9.300147	8.929786
RB_p_mrmir0000001719	mmu-miR-671-3p:MIMAT0004821	4.948616	5.409618794	4.224334	4.587047
RB_p_mrmir000000797	mmu-miR-6715-3p:MIMAT0029877	5.981127	3.736322287	5.951361	5.39579
RB_p_mrmir000000178	mmu-miR-6715-5p:MIMAT0029876	4.613403	7.256703863	7.715878	7.269681
RB_p_mrmir000000373	mmu-miR-671-5p:MIMAT0003731	12.49244	12.38383629	12.96663	12.12714
RB_p_mrmir000000164	mmu-miR-672-3p:MIMAT0017241	6.980825	7.581319614	6.983209	6.859878
RB_p_mrmir0000001907	mmu-miR-672-5p:MIMAT0003735	10.30341	7.862885032	11.02948	10.667
RB_p_mrmir0000001717	mmu-miR-673-3p:MIMAT0004824	8.113652	6.428038058	6.5259	4.977168
RB_p_mrmir000000993	mmu-miR-673-5p:MIMAT0003739	5.931546	1.898358792	5.753442	4.223856
RB_p_mrmir000000660	mmu-miR-674-3p:MIMAT0003741	6.750551	5.862893247	5.466923	7.436828
RB_p_mrmir0000001183	mmu-miR-674-5p:MIMAT0003740	9.105687	6.702987829	9.262087	7.981461
RB_p_mrmir0000001074	mmu-miR-675-3p:MIMAT0003726	6.964748	5.26175011	6.03602	3.880534
RB_p_mrmir0000002066	mmu-miR-675-5p:MIMAT0003725	7.939506	6.361980487	7.040468	6.661936
RB_p_mrmir000000867	mmu-miR-676-3p:MIMAT0003782	7.317664	7.505749043	6.856868	1.530266
RB_p_mrmir000000247	mmu-miR-676-5p:MIMAT0003781	5.372477	3.967808412	6.633396	4.15389
RB_p_mrmir000000782	mmu-miR-6769b-3p:MIMAT0028041	6.890886	7.687739331	8.237064	5.193437
RB_p_mrmir000000890	mmu-miR-6769b-5p:MIMAT0028040	13.50755	14.04921268	13.50996	13.90887
RB_p_mrmir0000001120	mmu-miR-677-3p:MIMAT0017246	11.45028	12.35597892	11.38483	10.51436
RB_p_mrmir0000002199	mmu-miR-677-5p:MIMAT0003451	4.84829	4.495582596	7.24391	1.764509
RB_p_mrmir0000001356	mmu-miR-678:MIMAT0003452	12.68328	11.22267205	11.97496	11.72098
RB_p_mrmir000000333	mmu-miR-679-3p:MIMAT0017248	6.221337	8.221029516	9.11314	3.814683
RB_p_mrmir0000001257	mmu-miR-679-5p:MIMAT0003455	6.461098	2.759208192	6.370954	4.804952
RB_p_mrmir0000001292	mmu-miR-680:MIMAT0003457	9.263594	7.419297973	8.644258	8.228725
RB_p_mrmir000000703	mmu-miR-681:MIMAT0003458	6.553161	6.693221075	7.751051	4.290936
RB_p_mrmir0000001030	mmu-miR-682:MIMAT0003459	7.376704	3.434666109	5.970039	5.151879
RB_p_mrmir000000887	mmu-miR-683:MIMAT0003461	8.226391	8.495887418	5.793964	4.53323

RB_p_mrmir000000499	mmu-miR-684:MIMAT0003462	6.404528	4.090227469	7.103153	3.678664
RB_p_mrmir000000601	mmu-miR-686:MIMAT0003464	9.555156	7.65050508	7.580303	7.679304
RB_p_mrmir000000987	mmu-miR-687:MIMAT0003466	4.724573	2.100129744	5.740128	5.751141
RB_p_mrmir0000001741	mmu-miR-688:MIMAT0003467	7.301914	7.56184465	6.135029	6.560804
RB_p_mrmir0000002293	mmu-miR-6896-3p:MIMAT0027693	6.172803	3.093140884	6.901421	4.512764
RB_p_mrmir0000002314	mmu-miR-6896-5p:MIMAT0027692	8.514357	8.994055508	7.779925	8.382454
RB_p_mrmir000000945	mmu-miR-6897-3p:MIMAT0027695	7.192593	7.258556626	7.832705	8.392586
RB_p_mrmir0000002052	mmu-miR-6897-5p:MIMAT0027694	6.466782	5.629408041	5.853595	4.179926
RB_p_mrmir000000112	mmu-miR-6898-3p:MIMAT0027697	0.719177	4.170555089	4.366348	2.046355
RB_p_mrmir0000002085	mmu-miR-6898-5p:MIMAT0027696	15.07459	14.63914822	14.66919	14.82794
RB_p_mrmir0000002275	mmu-miR-6899-3p:MIMAT0027699	8.108603	2.554772242	6.294558	5.006142
RB_p_mrmir000000335	mmu-miR-6899-5p:MIMAT0027698	10.03353	10.8950325	10.17963	10.36931
RB_p_mrmir00000019	mmu-miR-690:MIMAT0003469	9.685806	10.93290032	10.66034	11.78897
RB_p_mrmir0000002065	mmu-miR-6900-3p:MIMAT0027701	6.647257	4.673220914	5.628588	4.928657
RB_p_mrmir0000001943	mmu-miR-6900-5p:MIMAT0027700	8.563995	9.309888216	8.751679	8.894435
RB_p_mrmir0000001135	mmu-miR-6901-3p:MIMAT0027703	7.872488	7.435369076	4.513713	3.515513
RB_p_mrmir0000001936	mmu-miR-6901-5p:MIMAT0027702	9.909431	8.606558857	10.25936	9.396953
RB_p_mrmir000000828	mmu-miR-6902-3p:MIMAT0027705	4.742984	3.724028169	7.948365	7.480387
RB_p_mrmir0000002212	mmu-miR-6902-5p:MIMAT0027704	5.618995	5.750788971	7.306628	2.580239
RB_p_mrmir0000002146	mmu-miR-6903-3p:MIMAT0027707	4.78872	4.068832564	8.789662	8.112912
RB_p_mrmir0000002256	mmu-miR-6903-5p:MIMAT0027706	3.626026	8.276143911	5.384367	2.924453
RB_p_mrmir0000001796	mmu-miR-6904-3p:MIMAT0027709	8.723069	4.963058152	5.684991	4.941264
RB_p_mrmir0000001730	mmu-miR-6904-5p:MIMAT0027708	6.985546	4.192328153	7.360692	8.060387
RB_p_mrmir00000034	mmu-miR-6905-3p:MIMAT0027711	4.947731	9.299578208	4.563573	3.843649
RB_p_mrmir000000276	mmu-miR-6905-5p:MIMAT0027710	8.353052	7.701761679	7.220104	7.008804
RB_p_mrmir0000001129	mmu-miR-6906-3p:MIMAT0027713	3.869156	5.283350191	7.595973	5.696748
RB_p_mrmir000000573	mmu-miR-6906-5p:MIMAT0027712	7.805435	7.369311827	9.557691	6.757091
RB_p_mrmir00000061	mmu-miR-6907-3p:MIMAT0027715	6.898114	5.088539275	7.676084	7.082753
RB_p_mrmir0000002224	mmu-miR-6907-5p:MIMAT0027714	11.6481	10.15832364	10.98419	10.78347
RB_p_mrmir000000170	mmu-miR-6908-3p:MIMAT0027717	6.249697	5.637618187	5.202808	5.506064
RB_p_mrmir0000002241	mmu-miR-6908-5p:MIMAT0027716	9.159569	8.715342186	9.085435	8.408425
RB_p_mrmir0000001956	mmu-miR-6909-3p:MIMAT0027719	7.503636	6.507715255	7.0658	6.500716
RB_p_mrmir000000730	mmu-miR-6909-5p:MIMAT0027718	12.17696	10.52262083	10.38186	10.1064
RB_p_mrmir000000597	mmu-miR-691:MIMAT0003470	12.05197	11.32344027	11.95289	11.94331
RB_p_mrmir0000001684	mmu-miR-6910-3p:MIMAT0027721	5.830212	5.805746351	6.878028	5.368246
RB_p_mrmir0000002053	mmu-miR-6910-5p:MIMAT0027720	10.65816	8.075813897	9.241364	8.857636
RB_p_mrmir0000001628	mmu-miR-6911-3p:MIMAT0027723	5.884311	6.927315466	7.37328	5.683646
RB_p_mrmir0000002044	mmu-miR-6911-5p:MIMAT0027722	9.739162	8.267190857	8.514553	5.54089
RB_p_mrmir000000970	mmu-miR-6912-3p:MIMAT0027725	5.783786	7.766753798	4.763372	2.824071
RB_p_mrmir0000001457	mmu-miR-6912-5p:MIMAT0027724	10.41055	10.31045983	10.63309	8.591556
RB_p_mrmir0000001777	mmu-miR-6913-3p:MIMAT0027727	7.219738	3.729989831	2.401795	5.33085

RB_p_mrmir0000002038	mmu-miR-6913-5p:MIMAT0027726	7.142485	6.982218817	4.984933	6.01756
RB_p_mrmir0000001819	mmu-miR-6914-3p:MIMAT0027729	3.69255	6.445247842	6.60468	4.784364
RB_p_mrmir0000001729	mmu-miR-6914-5p:MIMAT0027728	9.565888	6.559388963	8.692269	8.474195
RB_p_mrmir000000638	mmu-miR-6915-3p:MIMAT0027731	6.165749	3.721687016	8.066767	6.890296
RB_p_mrmir000000440	mmu-miR-6915-5p:MIMAT0027730	9.069847	8.217549105	9.82906	9.715406
RB_p_mrmir0000001099	mmu-miR-6916-3p:MIMAT0027733	7.218067	7.686922852	3.424227	4.326319
RB_p_mrmir000000710	mmu-miR-6916-5p:MIMAT0027732	9.617146	6.987899314	9.587189	7.913567
RB_p_mrmir0000001348	mmu-miR-6917-3p:MIMAT0027735	8.043307	8.179551986	4.920206	7.528165
RB_p_mrmir0000002128	mmu-miR-6917-5p:MIMAT0027734	10.02903	8.702909158	8.994025	7.171123
RB_p_mrmir0000001882	mmu-miR-6918-3p:MIMAT0027737	7.008405	6.298674897	4.830638	8.322748
RB_p_mrmir0000001973	mmu-miR-6918-5p:MIMAT0027736	7.376056	6.052613097	7.85578	5.174894
RB_p_mrmir0000001228	mmu-miR-6919-3p:MIMAT0027739	7.367536	2.704528358	5.75483	4.800528
RB_p_mrmir0000001537	mmu-miR-6919-5p:MIMAT0027738	8.190065	9.588168741	6.603435	7.218956
RB_p_mrmir000000557	mmu-miR-692:MIMAT0003471	4.648627	4.09454013	6.480244	5.952825
RB_p_mrmir000000684	mmu-miR-6920-3p:MIMAT0027741	7.356708	5.680831394	8.03071	8.238248
RB_p_mrmir000000163	mmu-miR-6920-5p:MIMAT0027740	6.257089	4.743085035	7.108107	6.730625
RB_p_mrmir0000001862	mmu-miR-6921-3p:MIMAT0027743	6.438985	5.800908583	7.280551	6.719133
RB_p_mrmir0000001894	mmu-miR-6921-5p:MIMAT0027742	12.25563	12.16011709	13.06284	12.8651
RB_p_mrmir0000002154	mmu-miR-6922-3p:MIMAT0027745	6.535426	2.879872314	7.571766	5.18323
RB_p_mrmir0000002135	mmu-miR-6922-5p:MIMAT0027744	12.56769	10.89221986	13.06859	12.49257
RB_p_mrmir000000169	mmu-miR-6923-3p:MIMAT0027747	8.220122	3.816394447	6.964306	5.809092
RB_p_mrmir0000001371	mmu-miR-6923-5p:MIMAT0027746	12.81313	11.73067495	12.24038	12.7313
RB_p_mrmir0000001732	mmu-miR-6924-3p:MIMAT0027749	5.919605	3.014323125	5.124207	5.796032
RB_p_mrmir000000310	mmu-miR-6924-5p:MIMAT0027748	10.43065	7.863026478	8.574707	8.486457
RB_p_mrmir0000001701	mmu-miR-6925-3p:MIMAT0027751	3.486997	2.525597481	7.730985	6.569411
RB_p_mrmir0000001885	mmu-miR-6925-5p:MIMAT0027750	10.37387	6.864460147	10.34979	8.955719
RB_p_mrmir0000001633	mmu-miR-6926-3p:MIMAT0027753	5.633737	4.352579083	7.313808	5.086447
RB_p_mrmir0000001675	mmu-miR-6926-5p:MIMAT0027752	11.59086	9.42053292	11.61716	11.31512
RB_p_mrmir000000884	mmu-miR-6927-3p:MIMAT0027755	4.625584	3.793329396	6.799142	0.911315
RB_p_mrmir0000001373	mmu-miR-6927-5p:MIMAT0027754	7.754075	6.693634581	6.822812	5.90058
RB_p_mrmir00000087	mmu-miR-6928-3p:MIMAT0027757	7.031893	5.289862621	8.264931	4.876269
RB_p_mrmir000000432	mmu-miR-6928-5p:MIMAT0027756	5.167425	5.133646632	7.605472	4.458761
RB_p_mrmir000000735	mmu-miR-6929-3p:MIMAT0027759	7.006744	5.100192789	5.561042	6.347984
RB_p_mrmir000000419	mmu-miR-6929-5p:MIMAT0027758	8.085037	3.645359283	7.622356	8.399491
RB_p_mrmir0000001050	mmu-miR-6930-3p:MIMAT0027761	5.635537	6.055986504	5.146859	4.594619
RB_p_mrmir000000104	mmu-miR-6930-5p:MIMAT0027760	7.538344	9.405372986	7.320336	4.942606
RB_p_mrmir000000829	mmu-miR-6931-3p:MIMAT0027763	6.656157	4.878441359	6.289144	3.080132
RB_p_mrmir0000002056	mmu-miR-6931-5p:MIMAT0027762	14.66648	14.2622032	14.43842	13.55002
RB_p_mrmir0000001823	mmu-miR-6932-3p:MIMAT0027765	4.257459	4.107931833	5.719926	2.038669
RB_p_mrmir0000002273	mmu-miR-6932-5p:MIMAT0027764	9.115601	7.654525452	6.288401	4.444251
RB_p_mrmir000000450	mmu-miR-6933-3p:MIMAT0027767	7.353577	6.64986322	7.104973	8.62298

RB_p_mrmir0000002020	mmu-miR-6933-5p:MIMAT0027766	6.645685	6.28171834	7.96102	0.917132
RB_p_mrmir0000001189	mmu-miR-693-3p:MIMAT0004189	7.56382	6.651435481	7.299802	3.575517
RB_p_mrmir000000209	mmu-miR-6934-3p:MIMAT0027769	8.128332	8.317194838	7.77601	3.977266
RB_p_mrmir0000002268	mmu-miR-6934-5p:MIMAT0027768	14.70845	13.91185369	14.29476	14.17874
RB_p_mrmir0000002156	mmu-miR-6935-3p:MIMAT0027771	7.437745	9.412754969	6.47359	0.318877
RB_p_mrmir0000002134	mmu-miR-6935-5p:MIMAT0027770	7.255375	6.147503835	7.929988	6.95101
RB_p_mrmir000000701	mmu-miR-693-5p:MIMAT0003472	7.632166	7.355231983	6.278476	6.445535
RB_p_mrmir000000929	mmu-miR-6936-3p:MIMAT0027773	7.614969	6.027372989	7.863522	4.143342
RB_p_mrmir0000001365	mmu-miR-6936-5p:MIMAT0027772	5.990301	4.476869893	7.028004	-0.33103
RB_p_mrmir0000001630	mmu-miR-6937-3p:MIMAT0027775	7.394487	6.173833737	6.956165	6.693306
RB_p_mrmir0000001528	mmu-miR-6937-5p:MIMAT0027774	12.16627	12.38907776	11.95693	12.43142
RB_p_mrmir0000001682	mmu-miR-6938-3p:MIMAT0027777	6.754838	7.690718968	5.102283	5.868353
RB_p_mrmir0000002249	mmu-miR-6938-5p:MIMAT0027776	10.18695	8.423272184	10.97072	10.57525
RB_p_mrmir000000875	mmu-miR-6939-3p:MIMAT0027779	6.745695	5.375755299	5.990223	1.525642
RB_p_mrmir000000717	mmu-miR-6939-5p:MIMAT0027778	10.61051	8.933819335	10.88268	10.24415
RB_p_mrmir0000001020	mmu-miR-694:MIMAT0003474	4.66321	6.700021151	6.373115	4.74966
RB_p_mrmir0000002172	mmu-miR-6940-3p:MIMAT0027781	5.530545	5.929716832	2.565607	3.90131
RB_p_mrmir000000425	mmu-miR-6940-5p:MIMAT0027780	7.601873	9.286405215	6.79203	5.584439
RB_p_mrmir000000966	mmu-miR-6941-3p:MIMAT0027783	3.910009	7.466106785	8.462202	1.949701
RB_p_mrmir0000001061	mmu-miR-6941-5p:MIMAT0027782	9.30586	8.216869913	8.120702	8.699003
RB_p_mrmir0000002183	mmu-miR-6942-3p:MIMAT0027785	6.219507	5.382418581	6.942581	1.944477
RB_p_mrmir0000001536	mmu-miR-6942-5p:MIMAT0027784	9.629814	8.318261244	8.801964	8.720019
RB_p_mrmir0000001043	mmu-miR-6943-3p:MIMAT0027787	6.329537	7.607711183	6.380237	6.642232
RB_p_mrmir0000002055	mmu-miR-6943-5p:MIMAT0027786	8.950231	5.811246752	7.955306	4.98138
RB_p_mrmir0000001425	mmu-miR-6944-3p:MIMAT0027789	5.142306	5.372249536	8.048682	3.850925
RB_p_mrmir0000001363	mmu-miR-6944-5p:MIMAT0027788	14.36989	13.87628004	14.07818	13.92691
RB_p_mrmir0000001791	mmu-miR-6945-3p:MIMAT0027791	5.309425	5.800619444	6.595146	5.03986
RB_p_mrmir0000001728	mmu-miR-6945-5p:MIMAT0027790	7.616088	7.111572398	6.541774	5.951291
RB_p_mrmir0000002296	mmu-miR-6946-3p:MIMAT0027793	5.896675	3.025703514	6.723922	1.644107
RB_p_mrmir0000004	mmu-miR-6946-5p:MIMAT0027792	10.38393	9.1525649	11.80473	10.54636
RB_p_mrmir0000001188	mmu-miR-6947-3p:MIMAT0027795	8.062143	8.000757058	5.40016	1.320021
RB_p_mrmir000000771	mmu-miR-6947-5p:MIMAT0027794	10.04444	7.354376968	8.638328	9.204766
RB_p_mrmir0000002104	mmu-miR-6948-3p:MIMAT0027797	3.785469	6.583365903	3.410208	5.131919
RB_p_mrmir000000493	mmu-miR-6948-5p:MIMAT0027796	7.825184	6.596287543	6.088042	6.94368
RB_p_mrmir0000002203	mmu-miR-6949-3p:MIMAT0027799	5.779273	4.21854202	5.208834	3.013399
RB_p_mrmir00000031	mmu-miR-6949-5p:MIMAT0027798	9.380526	8.960692769	9.658916	8.763766
RB_p_mrmir000000332	mmu-miR-695:MIMAT0003481	5.350644	5.691667545	6.951765	7.59589
RB_p_mrmir0000001019	mmu-miR-6950-3p:MIMAT0027801	7.234916	7.468938057	4.006652	8.943636
RB_p_mrmir0000001726	mmu-miR-6950-5p:MIMAT0027800	10.62496	8.77447205	10.51457	9.114615
RB_p_mrmir0000001108	mmu-miR-6951-3p:MIMAT0027803	4.785432	2.657553731	6.569445	3.143771
RB_p_mrmir0000002274	mmu-miR-6951-5p:MIMAT0027802	5.853136	-0.28692731	5.313612	7.246408

RB_p_mrmir0000001781	mmu-miR-6952-3p:MIMAT0027805	6.354548	7.204069705	6.74264	7.352067
RB_p_mrmir000000581	mmu-miR-6952-5p:MIMAT0027804	5.716643	8.852023629	9.411804	8.545366
RB_p_mrmir0000001023	mmu-miR-6953-3p:MIMAT0027807	7.878986	7.086026917	8.327817	5.290968
RB_p_mrmir000000103	mmu-miR-6953-5p:MIMAT0027806	11.33652	8.99503215	10.19583	10.46562
RB_p_mrmir0000001933	mmu-miR-6954-3p:MIMAT0027809	7.117265	7.801328912	6.657266	7.444381
RB_p_mrmir0000002049	mmu-miR-6954-5p:MIMAT0027808	10.89857	10.16789919	10.72687	10.98733
RB_p_mrmir000000168	mmu-miR-6955-3p:MIMAT0027811	7.752687	3.959269068	7.825831	8.542164
RB_p_mrmir000000422	mmu-miR-6955-5p:MIMAT0027810	9.90025	7.630917984	8.458434	9.806854
RB_p_mrmir0000001858	mmu-miR-6956-3p:MIMAT0027813	2.711528	7.179868403	7.824381	2.501857
RB_p_mrmir0000001909	mmu-miR-6956-5p:MIMAT0027812	10.29088	8.176400358	8.62152	8.803561
RB_p_mrmir0000002008	mmu-miR-6957-3p:MIMAT0027815	5.556647	5.774038735	7.326054	7.735019
RB_p_mrmir000000688	mmu-miR-6957-5p:MIMAT0027814	9.242674	8.219664142	9.446294	9.573692
RB_p_mrmir0000001659	mmu-miR-6958-3p:MIMAT0027817	5.400518	6.580333404	8.032925	7.920337
RB_p_mrmir0000001390	mmu-miR-6958-5p:MIMAT0027816	9.810419	9.242883386	11.25396	11.13894
RB_p_mrmir0000001029	mmu-miR-6959-3p:MIMAT0027819	8.796313	5.945616885	6.838814	7.726039
RB_p_mrmir0000002032	mmu-miR-6959-5p:MIMAT0027818	8.970208	8.757166004	9.3186	6.395246
RB_p_mrmir0000001224	mmu-miR-696:MIMAT0003483	8.404543	7.146175309	7.838508	7.861645
RB_p_mrmir000000340	mmu-miR-6960-3p:MIMAT0027821	8.19907	7.602551855	7.708813	5.606074
RB_p_mrmir000000714	mmu-miR-6960-5p:MIMAT0027820	8.611844	4.242332974	8.286156	9.014371
RB_p_mrmir0000001725	mmu-miR-6961-3p:MIMAT0027823	6.280753	-0.09673753	6.968814	3.319464
RB_p_mrmir0000001867	mmu-miR-6961-5p:MIMAT0027822	9.233365	8.054380536	10.15429	8.799623
RB_p_mrmir0000001579	mmu-miR-6962-3p:MIMAT0027825	6.605904	7.254326996	7.54508	6.519782
RB_p_mrmir00000092	mmu-miR-6962-5p:MIMAT0027824	8.354156	8.530431945	8.070503	7.508007
RB_p_mrmir0000001953	mmu-miR-6963-3p:MIMAT0027827	8.193302	7.564097176	7.219279	7.903206
RB_p_mrmir0000001327	mmu-miR-6963-5p:MIMAT0027826	10.46132	8.144585083	9.685115	9.294956
RB_p_mrmir0000002297	mmu-miR-6964-3p:MIMAT0027829	4.467959	0.455546046	4.59214	1.535307
RB_p_mrmir0000002266	mmu-miR-6964-5p:MIMAT0027828	6.028395	7.508783547	8.051741	8.376779
RB_p_mrmir0000001822	mmu-miR-6965-3p:MIMAT0027831	6.027124	6.656379653	7.453649	6.086364
RB_p_mrmir000000315	mmu-miR-6965-5p:MIMAT0027830	12.89539	12.66086729	12.88102	13.18656
RB_p_mrmir0000001976	mmu-miR-6966-3p:MIMAT0027835	6.399477	2.142361162	8.043216	7.250015
RB_p_mrmir0000001012	mmu-miR-6966-5p:MIMAT0027834	9.122827	7.581122141	5.32063	8.459825
RB_p_mrmir0000001683	mmu-miR-6967-3p:MIMAT0027837	7.32336	5.849969815	7.061625	1.659772
RB_p_mrmir000000726	mmu-miR-6967-5p:MIMAT0027836	8.277373	8.140749052	7.289979	8.529538
RB_p_mrmir000000158	mmu-miR-6968-3p:MIMAT0027839	7.330679	8.221005077	7.387996	8.024529
RB_p_mrmir000000435	mmu-miR-6968-5p:MIMAT0027838	11.71998	9.817885907	9.418272	9.7031
RB_p_mrmir0000002159	mmu-miR-6969-3p:MIMAT0027841	4.945635	3.422855381	3.670612	3.397786
RB_p_mrmir000000695	mmu-miR-6969-5p:MIMAT0027840	9.956213	9.031396079	9.955423	8.716553
RB_p_mrmir00000047	mmu-miR-697:MIMAT0003487	5.262127	6.63738187	6.96204	6.522245
RB_p_mrmir0000001641	mmu-miR-6970-3p:MIMAT0027843	8.023175	6.612071884	7.548893	5.856366
RB_p_mrmir0000001337	mmu-miR-6970-5p:MIMAT0027842	13.5839	13.80937061	12.59161	12.19292
RB_p_mrmir000000176	mmu-miR-6971-3p:MIMAT0027845	4.067838	5.466801126	7.001191	2.483862

RB_p_mrmir0000002051	mmu-miR-6971-5p:MIMAT0027844	12.11875	12.28870226	11.97324	11.33632
RB_p_mrmir0000002173	mmu-miR-6972-3p:MIMAT0027847	5.653854	6.645818991	5.030929	1.434436
RB_p_mrmir0000001242	mmu-miR-6972-5p:MIMAT0027846	10.76461	10.30032087	11.81002	11.52714
RB_p_mrmir000000681	mmu-miR-6973a-3p:MIMAT0027849	7.886714	5.337478318	5.023926	6.685319
RB_p_mrmir0000001478	mmu-miR-6973a-5p:MIMAT0027848	12.2386	10.58012484	12.3027	10.99064
RB_p_mrmir0000001966	mmu-miR-6973b-3p:MIMAT0027909	5.090489	4.314174528	7.48571	3.661842
RB_p_mrmir0000001344	mmu-miR-6973b-5p:MIMAT0027908	10.25943	8.641158266	11.85512	6.854386
RB_p_mrmir0000001767	mmu-miR-6974-3p:MIMAT0027851	3.171776	3.140308005	7.612824	1.671642
RB_p_mrmir0000001368	mmu-miR-6974-5p:MIMAT0027850	12.07341	10.01507874	11.37921	10.92063
RB_p_mrmir0000001780	mmu-miR-6975-3p:MIMAT0027853	2.461004	5.987324761	5.577886	3.221423
RB_p_mrmir0000001245	mmu-miR-6975-5p:MIMAT0027852	11.3297	11.37324043	12.20704	11.45896
RB_p_mrmir000000555	mmu-miR-6976-3p:MIMAT0027855	5.194794	8.119929396	6.701505	6.709753
RB_p_mrmir000000725	mmu-miR-6976-5p:MIMAT0027854	7.727084	4.342241431	8.803179	8.583872
RB_p_mrmir00000097	mmu-miR-6977-3p:MIMAT0027857	7.369966	5.355926865	5.489183	6.705408
RB_p_mrmir0000001369	mmu-miR-6977-5p:MIMAT0027856	9.617552	7.38459886	8.588345	8.547609
RB_p_mrmir000000223	mmu-miR-6978-3p:MIMAT0027859	7.360074	6.0402526	7.001174	5.097624
RB_p_mrmir000000105	mmu-miR-6978-5p:MIMAT0027858	12.42889	11.49953051	11.91627	12.01241
RB_p_mrmir0000002279	mmu-miR-6979-3p:MIMAT0027861	8.041283	4.027948071	8.363793	5.204937
RB_p_mrmir0000001295	mmu-miR-6979-5p:MIMAT0027860	8.921512	8.206198052	9.177819	8.656853
RB_p_mrmir0000001870	mmu-miR-6980-3p:MIMAT0027863	6.344693	4.889217035	7.410683	6.949071
RB_p_mrmir0000001393	mmu-miR-6980-5p:MIMAT0027862	11.62673	9.833415745	10.56437	10.40029
RB_p_mrmir000000629	mmu-miR-6981-3p:MIMAT0027865	7.525103	8.220515692	8.432661	2.887352
RB_p_mrmir0000001367	mmu-miR-6981-5p:MIMAT0027864	13.14196	12.23238764	13.51583	13.41201
RB_p_mrmir0000002016	mmu-miR-6982-3p:MIMAT0027867	7.314199	3.082218616	2.896872	2.049266
RB_p_mrmir0000001046	mmu-miR-6982-5p:MIMAT0027866	12.14048	9.913847492	11.67441	10.93503
RB_p_mrmir0000001849	mmu-miR-6983-3p:MIMAT0027869	6.866427	4.887062471	6.566288	6.622183
RB_p_mrmir0000002245	mmu-miR-6983-5p:MIMAT0027868	7.282286	7.674659571	4.060029	2.846879
RB_p_mrmir000000793	mmu-miR-698-3p:MIMAT0003488	4.782238	3.279555276	5.895431	7.340826
RB_p_mrmir0000001498	mmu-miR-6984-3p:MIMAT0027871	6.386513	3.187277756	4.475075	5.328857
RB_p_mrmir000000250	mmu-miR-6984-5p:MIMAT0027870	13.92891	14.95459337	15.47017	15.53181
RB_p_mrmir000000991	mmu-miR-6985-3p:MIMAT0027873	7.398787	6.666227107	7.217266	7.998496
RB_p_mrmir0000001493	mmu-miR-6985-5p:MIMAT0027872	8.661128	8.031657328	8.162766	8.474951
RB_p_mrmir0000002139	mmu-miR-698-5p:MIMAT0022930	10.68414	8.455996239	9.309094	9.882413
RB_p_mrmir0000001408	mmu-miR-6986-3p:MIMAT0027875	6.095523	7.733907731	4.720882	7.770576
RB_p_mrmir000000430	mmu-miR-6986-5p:MIMAT0027874	7.840307	7.584476104	7.643376	7.24041
RB_p_mrmir000000672	mmu-miR-6987-3p:MIMAT0027877	6.70993	7.735939844	8.210613	6.189021
RB_p_mrmir0000002036	mmu-miR-6987-5p:MIMAT0027876	13.42943	11.02249743	13.07276	12.60661
RB_p_mrmir0000001859	mmu-miR-6988-3p:MIMAT0027879	6.832058	6.381972566	7.832593	4.532659
RB_p_mrmir0000001307	mmu-miR-6988-5p:MIMAT0027878	9.230449	7.592577239	8.678372	8.481326
RB_p_mrmir0000002100	mmu-miR-6989-3p:MIMAT0027881	7.214257	6.957218221	7.833932	1.676567
RB_p_mrmir0000002260	mmu-miR-6989-5p:MIMAT0027880	11.28662	10.42729525	12.42566	11.72784

RB_p_mrmir000000345	mmu-miR-6990-3p:MIMAT0027883	4.950016	2.12979742	6.901521	4.276607
RB_p_mrmir000000836	mmu-miR-6990-5p:MIMAT0027882	9.347695	7.035160158	7.417312	8.150838
RB_p_mrmir0000001187	mmu-miR-6991-3p:MIMAT0027885	5.52226	6.500248271	5.084713	5.561748
RB_p_mrmir0000001996	mmu-miR-6991-5p:MIMAT0027884	7.489534	10.22078066	10.7162	9.603292
RB_p_mrmir0000001762	mmu-miR-6992-3p:MIMAT0027887	5.064268	7.42962161	4.245129	2.299682
RB_p_mrmir0000001955	mmu-miR-6992-5p:MIMAT0027886	6.572153	6.483802781	5.668103	7.655624
RB_p_mrmir0000001095	mmu-miR-6993-3p:MIMAT0027889	6.794236	8.596691951	8.012411	6.862552
RB_p_mrmir000000482	mmu-miR-6993-5p:MIMAT0027888	10.89766	9.747689376	10.108	9.976858
RB_p_mrmir000000059	mmu-miR-6994-3p:MIMAT0027891	6.882966	4.443992844	4.377881	3.784123
RB_p_mrmir000000152	mmu-miR-6994-5p:MIMAT0027890	9.768761	8.337987558	10.26044	9.322378
RB_p_mrmir0000002142	mmu-miR-6995-3p:MIMAT0027893	6.129796	3.68139404	5.692704	4.435031
RB_p_mrmir0000001058	mmu-miR-6995-5p:MIMAT0027892	13.43802	12.47702836	11.58605	11.79043
RB_p_mrmir000000951	mmu-miR-6996-3p:MIMAT0027895	7.081245	2.533742872	5.517703	3.420368
RB_p_mrmir0000001928	mmu-miR-6996-5p:MIMAT0027894	9.827464	7.172082838	9.370992	9.69457
RB_p_mrmir0000001623	mmu-miR-6997-3p:MIMAT0027897	7.380162	6.524342771	6.327811	4.265225
RB_p_mrmir0000001417	mmu-miR-6997-5p:MIMAT0027896	13.58694	12.9779967	12.2362	12.35395
RB_p_mrmir000000306	mmu-miR-6998-3p:MIMAT0027899	5.21568	7.160337885	7.391819	7.5964
RB_p_mrmir0000001060	mmu-miR-6998-5p:MIMAT0027898	9.95057	9.824802795	9.889123	9.528895
RB_p_mrmir0000001091	mmu-miR-6999-3p:MIMAT0027901	6.719679	8.435944349	8.105911	5.098375
RB_p_mrmir00000091	mmu-miR-6999-5p:MIMAT0027900	10.98846	9.494900348	10.66094	12.08075
RB_p_mrmir000000671	mmu-miR-7000-3p:MIMAT0027903	7.758498	7.231951801	6.958075	6.238903
RB_p_mrmir000000429	mmu-miR-7000-5p:MIMAT0027902	8.19898	8.780819823	7.424765	6.599915
RB_p_mrmir000000921	mmu-miR-7001-3p:MIMAT0027905	6.403268	5.869053039	5.871418	2.749877
RB_p_mrmir000000392	mmu-miR-7001-5p:MIMAT0027904	9.291402	8.500638971	10.15539	9.594904
RB_p_mrmir0000002276	mmu-miR-7002-3p:MIMAT0027907	5.955875	6.694347452	6.042688	5.254961
RB_p_mrmir0000002255	mmu-miR-7002-5p:MIMAT0027906	6.778622	6.315770901	8.837828	7.463545
RB_p_mrmir000000845	mmu-miR-7003-3p:MIMAT0027911	8.301431	3.547746355	6.905833	6.401385
RB_p_mrmir0000002138	mmu-miR-7003-5p:MIMAT0027910	8.778554	9.442757896	9.264057	8.194373
RB_p_mrmir000000674	mmu-miR-7003p:MIMAT0003490	6.883838	6.466526658	7.824772	8.30785
RB_p_mrmir000000832	mmu-miR-7004-3p:MIMAT0027913	7.13174	6.414923432	5.19577	4.982239
RB_p_mrmir0000002207	mmu-miR-7004-5p:MIMAT0027912	7.005714	7.730690087	7.74751	4.929203
RB_p_mrmir0000001077	mmu-miR-7005-3p:MIMAT0027915	7.304989	5.160036008	8.00989	6.950892
RB_p_mrmir000000889	mmu-miR-7005-5p:MIMAT0027914	13.54454	13.48339742	13.38829	13.47743
RB_p_mrmir0000001431	mmu-miR-7005p:MIMAT0017256	6.724848	4.564254584	7.376338	5.720282
RB_p_mrmir0000002294	mmu-miR-7006-3p:MIMAT0027917	5.344202	1.637346974	6.428828	3.988727
RB_p_mrmir0000002054	mmu-miR-7006-5p:MIMAT0027916	7.207368	8.557919832	8.390999	5.624364
RB_p_mrmir000000841	mmu-miR-7007-3p:MIMAT0027919	6.260623	4.479274116	3.004018	7.247737
RB_p_mrmir0000001649	mmu-miR-7007-5p:MIMAT0027918	14.01421	12.93124776	14.39584	13.59252
RB_p_mrmir0000002126	mmu-miR-7008-3p:MIMAT0027921	9.048403	6.312296104	8.073604	6.025877
RB_p_mrmir0000002133	mmu-miR-7008-5p:MIMAT0027920	10.96679	9.726450959	10.4181	10.36506
RB_p_mrmir0000001832	mmu-miR-7009-3p:MIMAT0027923	5.286659	9.698607626	7.584575	6.842551

RB_p_mrmir0000002265	mmu-miR-7009-5p:MIMAT0027922	10.91386	10.46467395	10.20677	9.698672
RB_p_mrmir000000452	mmu-miR-7010-3p:MIMAT0027925	4.932877	5.922463512	3.37781	2.823021
RB_p_mrmir000000923	mmu-miR-7010-5p:MIMAT0027924	6.502214	4.210719061	6.915301	7.831635
RB_p_mrmir0000001801	mmu-miR-7011-3p:MIMAT0027927	7.804859	8.910146942	4.312341	8.691556
RB_p_mrmir000000380	mmu-miR-7011-5p:MIMAT0027926	14.44283	14.44377921	15.17655	14.95305
RB_p_mrmir0000001860	mmu-miR-7012-3p:MIMAT0027929	4.954039	6.837109409	7.53967	6.464908
RB_p_mrmir00000093	mmu-miR-7012-5p:MIMAT0027928	13.0182	11.18049712	12.17225	12.28984
RB_p_mrmir000000805	mmu-miR-7013-3p:MIMAT0027931	8.343694	7.291713911	6.505251	7.765269
RB_p_mrmir0000001580	mmu-miR-7013-5p:MIMAT0027930	7.448334	3.067184516	5.780969	1.30393
RB_p_mrmir0000001578	mmu-miR-7013p:MIMAT0017257	2.190199	5.581365502	6.217123	2.877878
RB_p_mrmir000000879	mmu-miR-7014-3p:MIMAT0027933	7.500614	4.581143465	6.928562	5.671353
RB_p_mrmir0000002267	mmu-miR-7014-5p:MIMAT0027932	11.82233	10.29396707	13.04288	12.35164
RB_p_mrmir0000001763	mmu-miR-7015-3p:MIMAT0027935	6.826656	4.554077706	6.254304	4.380109
RB_p_mrmir0000001821	mmu-miR-7015-5p:MIMAT0027934	9.966629	6.745402199	7.827182	8.36048
RB_p_mrmir0000002176	mmu-miR-7015p:MIMAT0003491	6.227762	5.624939583	5.937928	4.553357
RB_p_mrmir000000210	mmu-miR-7016-3p:MIMAT0027937	7.596722	9.493420089	6.520033	7.841494
RB_p_mrmir000000727	mmu-miR-7016-5p:MIMAT0027936	13.80986	12.55353598	12.74413	12.26394
RB_p_mrmir000000202	mmu-miR-7017-3p:MIMAT0027939	7.54557	6.633889918	6.824654	3.599621
RB_p_mrmir000000318	mmu-miR-7017-5p:MIMAT0027938	8.743167	8.464732301	7.820276	8.371733
RB_p_mrmir0000001636	mmu-miR-7018-3p:MIMAT0027941	6.992313	8.235612427	4.058471	3.705786
RB_p_mrmir0000001364	mmu-miR-7018-5p:MIMAT0027940	12.85936	11.3293351	13.09744	12.7764
RB_p_mrmir0000001640	mmu-miR-7019-3p:MIMAT0027943	7.117504	7.323546043	7.855645	5.467685
RB_p_mrmir000000558	mmu-miR-7019-5p:MIMAT0027942	11.75512	11.26724638	10.44619	10.20341
RB_p_mrmir00000053	mmu-miR-7020-3p:MIMAT0027945	5.720563	2.496129568	6.014474	5.014808
RB_p_mrmir0000002040	mmu-miR-7020-5p:MIMAT0027944	12.33859	12.84648205	13.3816	12.0693
RB_p_mrmir0000001783	mmu-miR-7021-3p:MIMAT0027947	5.946792	6.087787978	6.987315	6.537032
RB_p_mrmir000000524	mmu-miR-7021-5p:MIMAT0027946	8.391042	7.040702889	7.342266	8.274343
RB_p_mrmir000000157	mmu-miR-7022-3p:MIMAT0027949	8.348319	8.741017299	8.3831	8.189465
RB_p_mrmir000000888	mmu-miR-7022-5p:MIMAT0027948	10.17614	5.942209098	9.704842	9.781668
RB_p_mrmir0000001638	mmu-miR-7023-3p:MIMAT0027951	5.882694	8.316336299	6.603116	6.701895
RB_p_mrmir000000575	mmu-miR-7023-5p:MIMAT0027950	13.04283	11.87677149	12.13092	12.17491
RB_p_mrmir0000001945	mmu-miR-7023p:MIMAT0003492	6.573118	9.061049906	4.707975	5.127221
RB_p_mrmir000000813	mmu-miR-7024-3p:MIMAT0027953	7.177792	6.284345319	7.191423	6.186065
RB_p_mrmir0000002263	mmu-miR-7024-5p:MIMAT0027952	7.849017	6.974706799	6.603736	5.390563
RB_p_mrmir000000693	mmu-miR-7025-3p:MIMAT0027955	7.553301	8.242848461	6.854389	8.18125
RB_p_mrmir000000959	mmu-miR-7025-5p:MIMAT0027954	8.127117	8.625719498	6.616205	4.637179
RB_p_mrmir0000001376	mmu-miR-7025p:MIMAT0022931	8.730265	6.690088947	8.199564	3.772613
RB_p_mrmir0000002127	mmu-miR-7026-3p:MIMAT0027957	7.076558	8.472286681	7.557125	4.165805
RB_p_mrmir0000002219	mmu-miR-7026-5p:MIMAT0027956	4.558823	3.519983354	5.09641	1.034057
RB_p_mrmir0000001748	mmu-miR-7027-3p:MIMAT0027959	7.607461	5.364110264	6.055849	7.598291
RB_p_mrmir0000001981	mmu-miR-7027-5p:MIMAT0027958	10.23107	10.20973501	12.093	11.59124

RB_p_mrmir000000899	mmu-miR-7028-3p:MIMAT0027961	6.926829	6.540829503	8.351129	5.699203
RB_p_mrmir0000002043	mmu-miR-7028-5p:MIMAT0027960	10.61322	8.500882833	10.45538	9.597304
RB_p_mrmir0000002131	mmu-miR-7029-3p:MIMAT0027963	5.433291	5.583943543	6.891016	7.161027
RB_p_mrmir0000001803	mmu-miR-7029-5p:MIMAT0027962	7.419287	7.604766839	6.41467	4.977314
RB_p_mrmir0000002	mmu-miR-703:MIMAT0003493	10.42009	8.628367293	11.32744	10.49966
RB_p_mrmir0000001096	mmu-miR-7030-3p:MIMAT0027965	4.751536	0.74305234	6.766436	3.589307
RB_p_mrmir0000002048	mmu-miR-7030-5p:MIMAT0027964	9.009497	8.310043947	8.288355	8.75534
RB_p_mrmir00000056	mmu-miR-7031-3p:MIMAT0027967	6.598259	6.93236108	5.537217	5.34681
RB_p_mrmir000000883	mmu-miR-7031-5p:MIMAT0027966	12.68934	11.69388512	13.29533	8.277702
RB_p_mrmir000000549	mmu-miR-7032-3p:MIMAT0027969	5.888984	5.506468703	7.080541	2.114773
RB_p_mrmir000000837	mmu-miR-7032-5p:MIMAT0027968	10.6779	9.205905348	10.85404	9.076415
RB_p_mrmir0000001952	mmu-miR-7033-3p:MIMAT0027971	6.912379	3.830767244	6.231548	3.695657
RB_p_mrmir0000001768	mmu-miR-7033-5p:MIMAT0027970	13.82054	13.63902587	13.15014	13.09209
RB_p_mrmir0000002254	mmu-miR-7034-3p:MIMAT0027973	7.964553	6.14994455	7.13492	6.034349
RB_p_mrmir0000001716	mmu-miR-7034-5p:MIMAT0027972	9.519528	7.704505483	9.432219	8.938833
RB_p_mrmir0000001790	mmu-miR-7035-3p:MIMAT0027975	5.954212	3.904958993	7.877525	6.418926
RB_p_mrmir0000001282	mmu-miR-7035-5p:MIMAT0027974	10.36675	9.964730324	9.949945	9.947295
RB_p_mrmir000000865	mmu-miR-7036a-3p:MIMAT0027977	7.377966	2.371617481	7.520188	4.281429
RB_p_mrmir000000352	mmu-miR-7036a-5p:MIMAT0027976	13.3412	10.30884296	12.60351	11.68145
RB_p_mrmir0000002213	mmu-miR-7036b-3p:MIMAT0029809	10.22866	7.390902353	8.076149	7.969097
RB_p_mrmir000000219	mmu-miR-7036b-5p:MIMAT0029808	8.051605	6.954670083	8.139295	8.024928
RB_p_mrmir0000002108	mmu-miR-7037-3p:MIMAT0027979	6.554687	6.110391771	7.205845	4.223065
RB_p_mrmir000000107	mmu-miR-7037-5p:MIMAT0027978	7.42657	8.024789996	7.469215	5.964074
RB_p_mrmir000000685	mmu-miR-7038-3p:MIMAT0027981	7.853318	4.627553465	6.32722	7.082228
RB_p_mrmir0000002087	mmu-miR-7038-5p:MIMAT0027980	9.211468	8.371862552	10.65921	8.594076
RB_p_mrmir000000894	mmu-miR-7039-3p:MIMAT0027983	4.146294	4.528429636	8.559197	5.052102
RB_p_mrmir000000316	mmu-miR-7039-5p:MIMAT0027982	9.255057	6.631618123	9.368393	9.483978
RB_p_mrmir000000296	mmu-miR-704:MIMAT0003494	5.436459	1.497373854	6.474547	2.45367
RB_p_mrmir000000916	mmu-miR-7040-3p:MIMAT0027985	7.283104	6.999306166	5.060784	6.073118
RB_p_mrmir000000764	mmu-miR-7040-5p:MIMAT0027984	14.98586	14.99360571	15.39657	15.04142
RB_p_mrmir0000002073	mmu-miR-7041-3p:MIMAT0027987	5.226107	5.309131863	4.237248	6.58706
RB_p_mrmir000000314	mmu-miR-7041-5p:MIMAT0027986	7.88004	8.459885657	6.983032	4.763885
RB_p_mrmir0000002102	mmu-miR-7042-3p:MIMAT0027989	4.234137	3.304489621	6.675349	5.907277
RB_p_mrmir0000001501	mmu-miR-7042-5p:MIMAT0027988	11.05703	11.30388754	11.56087	12.5293
RB_p_mrmir000000279	mmu-miR-7043-3p:MIMAT0027991	6.299154	9.180717999	8.757689	7.151925
RB_p_mrmir0000002116	mmu-miR-7043-5p:MIMAT0027990	8.867154	7.347247342	8.557737	9.480153
RB_p_mrmir000000566	mmu-miR-7044-3p:MIMAT0027993	8.11851	6.559393146	6.263395	5.667173
RB_p_mrmir0000001398	mmu-miR-7044-5p:MIMAT0027992	12.20318	12.34696431	11.78955	12.82162
RB_p_mrmir0000001771	mmu-miR-7045-3p:MIMAT0027995	8.540916	8.004730444	8.392243	7.938071
RB_p_mrmir000000353	mmu-miR-7045-5p:MIMAT0027994	15.5311	15.32823256	14.67537	15.57722
RB_p_mrmir0000001841	mmu-miR-7046-3p:MIMAT0027997	5.00302	7.796474114	9.477541	3.314002

RB_p_mrmir0000002092	mmu-miR-7046-5p:MIMAT0027996	13.00516	11.0661574	13.10498	12.61756
RB_p_mrmir0000001635	mmu-miR-7047-3p:MIMAT0027999	6.76566	3.48730787	5.163892	6.057972
RB_p_mrmir0000001889	mmu-miR-7047-5p:MIMAT0027998	12.92	9.660336562	12.21161	12.3781
RB_p_mrmir0000001825	mmu-miR-7048-3p:MIMAT0028001	5.569602	5.900466663	7.831854	4.084025
RB_p_mrmir000000941	mmu-miR-7048-5p:MIMAT0028000	12.97992	13.32240363	13.65573	13.90338
RB_p_mrmir0000001934	mmu-miR-7049-3p:MIMAT0028003	8.733504	6.302772749	7.203098	4.43258
RB_p_mrmir0000001788	mmu-miR-7049-5p:MIMAT0028002	10.33411	9.220354462	10.89377	9.871671
RB_p_mrmir0000001326	mmu-miR-705:MIMAT0003495	12.77554	12.48148297	11.68467	11.90286
RB_p_mrmir0000001765	mmu-miR-7050-3p:MIMAT0028005	6.958158	7.535314969	5.939025	6.285731
RB_p_mrmir000000177	mmu-miR-7050-5p:MIMAT0028004	13.6779	13.22116996	13.91402	13.85569
RB_p_mrmir0000001881	mmu-miR-7051-3p:MIMAT0028007	6.027512	2.128428582	7.79295	7.10089
RB_p_mrmir0000001632	mmu-miR-7051-5p:MIMAT0028006	9.077592	7.00686254	8.750747	8.147878
RB_p_mrmir0000001234	mmu-miR-7052-3p:MIMAT0028009	6.501234	6.728955538	6.889093	5.765343
RB_p_mrmir0000002132	mmu-miR-7052-5p:MIMAT0028008	10.90697	9.890902462	10.87905	10.66641
RB_p_mrmir0000001009	mmu-miR-7053-3p:MIMAT0028011	4.686607	1.975350848	7.847352	5.862392
RB_p_mrmir0000002045	mmu-miR-7053-5p:MIMAT0028010	9.592114	8.991679848	7.712271	8.368758
RB_p_mrmir0000001689	mmu-miR-7054-3p:MIMAT0028013	4.545355	6.128554721	7.36331	2.796883
RB_p_mrmir0000001534	mmu-miR-7054-5p:MIMAT0028012	9.817796	6.836812057	8.884528	8.782469
RB_p_mrmir0000002243	mmu-miR-7055-3p:MIMAT0028015	7.563851	6.598588034	6.059898	5.991459
RB_p_mrmir0000001676	mmu-miR-7055-5p:MIMAT0028014	4.643158	6.41949158	6.470269	2.771214
RB_p_mrmir000000874	mmu-miR-7056-3p:MIMAT0028017	7.585314	7.778227882	6.764642	6.962568
RB_p_mrmir0000002130	mmu-miR-7056-5p:MIMAT0028016	12.6786	10.36596463	13.13925	12.47748
RB_p_mrmir0000001451	mmu-miR-7057-3p:MIMAT0028019	6.887023	4.687219471	6.32227	8.186991
RB_p_mrmir000000708	mmu-miR-7057-5p:MIMAT0028018	7.850663	6.183738629	7.820975	4.875438
RB_p_mrmir0000001013	mmu-miR-7058-3p:MIMAT0028021	4.307559	2.387602683	3.777847	5.514343
RB_p_mrmir0000001503	mmu-miR-7058-5p:MIMAT0028020	12.3865	12.20076193	12.4173	12.48736
RB_p_mrmir0000002163	mmu-miR-7059-3p:MIMAT0028023	7.019596	5.554677629	4.287844	7.677372
RB_p_mrmir000000206	mmu-miR-7059-5p:MIMAT0028022	8.452429	6.61760178	6.987736	6.880359
RB_p_mrmir000000304	mmu-miR-706:MIMAT0003496	7.814356	6.005378227	8.789673	9.387756
RB_p_mrmir0000001757	mmu-miR-7060-3p:MIMAT0028025	4.432024	6.960365967	3.909529	2.198195
RB_p_mrmir0000001374	mmu-miR-7060-5p:MIMAT0028024	10.49463	8.495361574	10.14124	9.717773
RB_p_mrmir0000001575	mmu-miR-7061-3p:MIMAT0028027	3.604733	2.313749489	5.987897	3.438783
RB_p_mrmir0000001585	mmu-miR-7061-5p:MIMAT0028026	5.345375	5.455232968	3.832071	8.19703
RB_p_mrmir000000231	mmu-miR-7062-3p:MIMAT0028029	7.113594	7.018769591	5.928027	7.231347
RB_p_mrmir0000002004	mmu-miR-7062-5p:MIMAT0028028	6.685512	7.326133183	7.485728	7.886392
RB_p_mrmir0000001965	mmu-miR-7063-3p:MIMAT0028031	6.174403	5.124721429	6.647939	4.541914
RB_p_mrmir000000564	mmu-miR-7063-5p:MIMAT0028030	10.20093	7.889431182	9.21197	9.247583
RB_p_mrmir000000729	mmu-miR-7064-3p:MIMAT0028033	7.23754	8.388937738	7.089088	2.680918
RB_p_mrmir0000001650	mmu-miR-7064-5p:MIMAT0028032	4.158565	7.451514218	3.076808	4.881
RB_p_mrmir0000002270	mmu-miR-7065-3p:MIMAT0028035	2.630207	3.598611185	5.222093	3.599953
RB_p_mrmir000000489	mmu-miR-7065-5p:MIMAT0028034	6.400664	9.984203055	6.320027	6.55059

RB_p_mrmir0000001756	mmu-miR-7066-3p:MIMAT0028037	6.962545	7.538129978	4.310012	6.793768
RB_p_mrmir0000002059	mmu-miR-7066-5p:MIMAT0028036	10.64059	8.570500778	12.10214	10.91087
RB_p_mrmir0000001926	mmu-miR-7067-3p:MIMAT0028039	6.661066	7.481595277	5.550011	5.800056
RB_p_mrmir0000001937	mmu-miR-7067-5p:MIMAT0028038	4.768861	6.868463103	7.540262	3.128375
RB_p_mrmir0000001637	mmu-miR-7068-3p:MIMAT0028043	5.325393	3.568414342	7.662102	6.025962
RB_p_mrmir0000001370	mmu-miR-7068-5p:MIMAT0028042	11.17141	10.50378732	10.75302	10.07108
RB_p_mrmir000000886	mmu-miR-7069-3p:MIMAT0028045	8.47807	7.107209722	5.559758	6.837839
RB_p_mrmir0000002264	mmu-miR-7069-5p:MIMAT0028044	10.33513	10.63415757	10.23777	9.650754
RB_p_mrmir000000737	mmu-miR-707:MIMAT0003497	7.594036	7.201430019	8.232945	4.060625
RB_p_mrmir000000723	mmu-miR-7070-3p:MIMAT0028047	6.923047	5.222674528	5.800619	3.918445
RB_p_mrmir0000001372	mmu-miR-7070-5p:MIMAT0028046	13.63378	14.0104864	13.50894	13.81951
RB_p_mrmir0000001025	mmu-miR-7071-3p:MIMAT0028049	6.964257	4.813189868	4.777272	2.156599
RB_p_mrmir000000850	mmu-miR-7071-5p:MIMAT0028048	9.305177	8.193605728	9.152573	8.636501
RB_p_mrmir000000973	mmu-miR-7072-3p:MIMAT0028051	8.001955	8.784524573	6.056795	5.633361
RB_p_mrmir0000001157	mmu-miR-7072-5p:MIMAT0028050	11.698	13.02136252	13.59659	13.22978
RB_p_mrmir000000523	mmu-miR-7073-3p:MIMAT0028053	7.578278	7.834882538	9.009019	7.730016
RB_p_mrmir0000002050	mmu-miR-7073-5p:MIMAT0028052	6.389409	7.812098471	6.38103	2.622294
RB_p_mrmir0000001538	mmu-miR-7074-3p:MIMAT0028055	6.515907	4.604549084	5.246229	5.382808
RB_p_mrmir0000002035	mmu-miR-7074-5p:MIMAT0028054	8.240251	4.249360489	7.538019	5.763692
RB_p_mrmir000000631	mmu-miR-7075-3p:MIMAT0028057	3.48411	3.933939686	7.925583	2.08882
RB_p_mrmir000000937	mmu-miR-7075-5p:MIMAT0028056	9.687474	9.208709267	9.604014	8.556056
RB_p_mrmir0000001861	mmu-miR-7076-3p:MIMAT0028059	8.327077	5.931652312	5.830172	6.391092
RB_p_mrmir000000431	mmu-miR-7076-5p:MIMAT0028058	9.035469	7.393143486	8.71198	7.669551
RB_p_mrmir000000898	mmu-miR-7077-3p:MIMAT0028061	8.525253	4.997911532	7.760759	6.240215
RB_p_mrmir0000001272	mmu-miR-7077-5p:MIMAT0028060	7.597954	5.211661134	5.667293	4.61813
RB_p_mrmir0000001499	mmu-miR-7078-3p:MIMAT0028063	8.051767	3.65373632	4.716057	2.822815
RB_p_mrmir0000002140	mmu-miR-7078-5p:MIMAT0028062	9.929418	8.142859549	9.965638	8.648455
RB_p_mrmir0000001869	mmu-miR-7079-3p:MIMAT0028065	4.44161	6.751977044	3.692525	3.325388
RB_p_mrmir000000423	mmu-miR-7079-5p:MIMAT0028064	9.536273	8.494146812	8.59533	5.293643
RB_p_mrmir000000720	mmu-miR-7080-3p:MIMAT0028067	7.986624	5.266671982	5.285426	5.75468
RB_p_mrmir0000001342	mmu-miR-7080-5p:MIMAT0028066	10.29547	7.497953314	10.25477	9.811434
RB_p_mrmir0000002202	mmu-miR-7081-3p:MIMAT0028069	4.764989	3.527026812	7.547423	4.575263
RB_p_mrmir000000309	mmu-miR-7081-5p:MIMAT0028068	11.46212	9.622014411	10.33835	9.432451
RB_p_mrmir0000001201	mmu-miR-7082-3p:MIMAT0028071	8.513442	5.654728759	6.441507	6.803292
RB_p_mrmir0000001476	mmu-miR-7082-5p:MIMAT0028070	15.24334	15.50860244	15.36448	15.49942
RB_p_mrmir0000001800	mmu-miR-7083-3p:MIMAT0028073	6.60384	6.879618637	6.176715	5.736115
RB_p_mrmir0000001746	mmu-miR-7083-5p:MIMAT0028072	6.72749	7.73513272	10.67429	11.2508
RB_p_mrmir000000637	mmu-miR-7083p:MIMAT0003498	4.467569	5.916631337	4.931646	6.784631
RB_p_mrmir0000001209	mmu-miR-7084-3p:MIMAT0028075	7.959773	5.807673009	5.613004	7.515127
RB_p_mrmir0000001502	mmu-miR-7084-5p:MIMAT0028074	11.01668	9.051595705	12.02688	11.90177
RB_p_mrmir0000001526	mmu-miR-7085-3p:MIMAT0028077	8.029043	6.252583068	6.497853	6.08081

RB_p_mrmir000000750	mmu-miR-7085-5p:MIMAT0028076	13.22361	11.97630252	12.07864	12.1194
RB_p_mrmir00000095	mmu-miR-708-5p:MIMAT0004828	7.169813	5.668583365	6.431537	3.300212
RB_p_mrmir0000001722	mmu-miR-7086-3p:MIMAT0028079	5.298828	2.423083827	7.898559	4.456057
RB_p_mrmir00000078	mmu-miR-7086-5p:MIMAT0028078	8.431885	7.896189458	9.395651	9.215212
RB_p_mrmir0000001974	mmu-miR-7087-3p:MIMAT0028081	2.310918	4.179501567	8.163535	4.983345
RB_p_mrmir000000393	mmu-miR-7087-5p:MIMAT0028080	9.182639	7.226506566	7.44466	2.368617
RB_p_mrmir0000002233	mmu-miR-7088-3p:MIMAT0028083	6.533027	3.937280266	5.582756	5.064443
RB_p_mrmir0000001178	mmu-miR-7088-5p:MIMAT0028082	12.96963	11.26499741	12.85437	12.15651
RB_p_mrmir0000001677	mmu-miR-7089-3p:MIMAT0028085	6.750747	4.987204586	6.274986	6.808789
RB_p_mrmir000000868	mmu-miR-7089-5p:MIMAT0028084	6.962316	6.273383701	8.396309	6.747413
RB_p_mrmir0000001262	mmu-miR-709:MIMAT0003499	14.10311	13.72484102	14.62521	14.50757
RB_p_mrmir0000002302	mmu-miR-7090-3p:MIMAT0028087	4.750543	3.013478214	5.703912	1.764329
RB_p_mrmir0000001764	mmu-miR-7090-5p:MIMAT0028086	6.66326	4.599459014	5.909016	5.641777
RB_p_mrmir000000481	mmu-miR-7091-3p:MIMAT0028089	7.225161	9.108161158	6.654972	1.500915
RB_p_mrmir0000001343	mmu-miR-7091-5p:MIMAT0028088	5.918483	8.305181822	7.608457	4.209274
RB_p_mrmir0000002157	mmu-miR-7092-3p:MIMAT0028091	5.832718	3.005634249	7.782087	7.010715
RB_p_mrmir00000018	mmu-miR-7092-5p:MIMAT0028090	8.163693	6.818728814	7.098764	2.972888
RB_p_mrmir0000002287	mmu-miR-7093-3p:MIMAT0028093	7.859795	6.841816055	7.13402	2.118457
RB_p_mrmir000000713	mmu-miR-7093-5p:MIMAT0028092	9.546148	8.243719943	9.971672	9.314878
RB_p_mrmir0000001786	mmu-miR-7094-1-5p:MIMAT0028094	7.719905	7.234921295	7.485587	7.491474
RB_p_mrmir0000001491	mmu-miR-7094-3p:MIMAT0028095	8.499887	5.088208906	3.837798	3.91311
RB_p_mrmir0000001804	mmu-miR-7094b-2-5p:MIMAT0028096	8.338496	8.910384424	8.461331	7.862554
RB_p_mrmir000000801	mmu-miR-710:MIMAT0003500	9.795482	4.504141258	10.18992	9.629183
RB_p_mrmir0000001285	mmu-miR-711:MIMAT0003501	10.65123	8.011432384	9.771421	9.070114
RB_p_mrmir000000287	mmu-miR-7115-3p:MIMAT0028128	7.562112	7.495428237	7.423924	6.177107
RB_p_mrmir0000001747	mmu-miR-7115-5p:MIMAT0028127	7.866127	7.21196326	7.41043	6.051242
RB_p_mrmir0000002325	mmu-miR-7116-3p:MIMAT0028130	6.622034	5.00609305	4.717502	7.273837
RB_p_mrmir0000001844	mmu-miR-7116-5p:MIMAT0028129	6.417599	14.02229715	15.70438	15.75265
RB_p_mrmir0000002105	mmu-miR-7117-3p:MIMAT0028132	6.568704	9.230261207	7.373163	4.176236
RB_p_mrmir0000001815	mmu-miR-7117-5p:MIMAT0028131	7.480002	3.112247265	5.77648	6.080804
RB_p_mrmir0000001424	mmu-miR-7118-3p:MIMAT0028134	6.98426	5.907166008	6.838366	3.724553
RB_p_mrmir0000002047	mmu-miR-7118-5p:MIMAT0028133	14.43825	15.08304749	15.10083	15.42112
RB_p_mrmir0000001	mmu-miR-7119-3p:MIMAT0028136	4.678904	3.404942288	7.436194	8.598691
RB_p_mrmir0000001062	mmu-miR-7119-5p:MIMAT0028135	7.575634	4.975345146	6.524302	6.753112
RB_p_mrmir0000001957	mmu-miR-712-3p:MIMAT0003743	7.032522	8.226756084	7.499803	6.924622
RB_p_mrmir0000001010	mmu-miR-712-5p:MIMAT0003502	6.853171	2.037060303	6.743077	4.433793
RB_p_mrmir0000001930	mmu-miR-713:MIMAT0003504	9.157297	8.790654414	8.470062	10.17922
RB_p_mrmir000000906	mmu-miR-714:MIMAT0003505	9.243773	9.19788209	9.472695	9.203904
RB_p_mrmir000000999	mmu-miR-717:MIMAT0003510	5.962017	4.405619334	7.485392	4.174781
RB_p_mrmir0000001092	mmu-miR-718:MIMAT0003514	7.780733	5.374954322	4.424282	5.413155
RB_p_mrmir000000556	mmu-miR-719:MIMAT0003465	4.27874	6.444059547	7.565234	5.728501

RB_p_mrmir000000747	mmu-miR-721:MIMAT0003515	8.773383	4.256518362	8.509549	8.464717
RB_p_mrmir0000002180	mmu-miR-7210-3p:MIMAT0028389	6.824063	3.979920309	4.252216	4.501069
RB_p_mrmir0000001420	mmu-miR-7210-5p:MIMAT0028388	7.416213	8.496826465	4.115593	8.62652
RB_p_mrmir0000002005	mmu-miR-7211-3p:MIMAT0028391	12.71534	11.70000617	12.47742	12.64473
RB_p_mrmir0000001830	mmu-miR-7211-5p:MIMAT0028390	7.887777	6.650793031	7.089924	8.161106
RB_p_mrmir0000001414	mmu-miR-7212-3p:MIMAT0028393	8.189091	8.458008414	6.598017	9.085802
RB_p_mrmir0000001816	mmu-miR-7212-5p:MIMAT0028392	9.224419	7.39166991	9.051527	8.363542
RB_p_mrmir0000001474	mmu-miR-7213-3p:MIMAT0028395	7.086316	6.762367871	6.169864	7.188742
RB_p_mrmir000000277	mmu-miR-7213-5p:MIMAT0028394	4.609382	4.541054757	6.761253	5.200194
RB_p_mrmir0000001001	mmu-miR-7214-3p:MIMAT0028397	7.5373	8.561705354	7.296516	6.793808
RB_p_mrmir0000002164	mmu-miR-7214-5p:MIMAT0028396	4.922115	2.565478481	7.58376	6.582648
RB_p_mrmir0000001967	mmu-miR-7215-3p:MIMAT0028399	11.22362	9.643179168	10.78236	9.224541
RB_p_mrmir0000001235	mmu-miR-7215-5p:MIMAT0028398	5.295916	2.579382622	6.395576	2.314522
RB_p_mrmir0000001993	mmu-miR-7216-3p:MIMAT0028401	7.485964	6.008664518	8.244343	5.929418
RB_p_mrmir0000002001	mmu-miR-7216-5p:MIMAT0028400	10.68817	10.10568412	10.70627	10.73011
RB_p_mrmir0000001871	mmu-miR-7217-3p:MIMAT0028403	10.58359	10.00637311	11.11822	10.69324
RB_p_mrmir00000073	mmu-miR-7217-5p:MIMAT0028402	11.27168	9.987033772	12.1301	11.74793
RB_p_mrmir000000965	mmu-miR-7218-3p:MIMAT0028405	7.814477	4.548329103	6.257176	5.654059
RB_p_mrmir0000001938	mmu-miR-7218-5p:MIMAT0028404	10.75928	8.811703149	10.98636	10.31308
RB_p_mrmir0000001576	mmu-miR-7219-3p:MIMAT0028407	7.445637	7.162004254	5.11828	6.792904
RB_p_mrmir0000002150	mmu-miR-7219-5p:MIMAT0028406	7.083786	3.301165036	6.99408	5.60887
RB_p_mrmir000000816	mmu-miR-7220-3p:MIMAT0028409	6.977952	7.043585454	4.795991	5.211408
RB_p_mrmir0000001321	mmu-miR-7220-5p:MIMAT0028408	1.658735	7.166201171	3.745505	0.563412
RB_p_mrmir0000001868	mmu-miR-7221-3p:MIMAT0028411	13.61716	13.0516077	12.89729	13.40231
RB_p_mrmir000000956	mmu-miR-7221-5p:MIMAT0028410	9.793736	8.82912575	7.247221	7.649177
RB_p_mrmir0000001693	mmu-miR-7222-3p:MIMAT0028413	13.19278	13.23482298	13.43626	11.58506
RB_p_mrmir0000001270	mmu-miR-7222-5p:MIMAT0028412	7.656628	8.981366853	5.479905	7.189574
RB_p_mrmir0000001354	mmu-miR-7223-3p:MIMAT0028415	7.937426	2.573429627	4.658871	3.846124
RB_p_mrmir0000001531	mmu-miR-7223-5p:MIMAT0028414	8.195805	6.701706257	8.520589	7.73407
RB_p_mrmir0000001690	mmu-miR-7224-3p:MIMAT0028417	9.475127	10.84028119	8.829116	10.16289
RB_p_mrmir0000001310	mmu-miR-7224-5p:MIMAT0028416	6.736506	6.360843982	6.681714	6.823155
RB_p_mrmir0000001093	mmu-miR-7225-3p:MIMAT0028419	8.354385	4.058214676	6.601021	4.6246
RB_p_mrmir000000228	mmu-miR-7225-5p:MIMAT0028418	5.610819	7.284004585	8.104714	7.227571
RB_p_mrmir0000001852	mmu-miR-7226-3p:MIMAT0028421	8.404538	3.845088734	7.527462	5.51286
RB_p_mrmir0000001196	mmu-miR-7226-5p:MIMAT0028420	11.10441	8.837765	11.31347	10.65669
RB_p_mrmir0000001785	mmu-miR-7227-3p:MIMAT0028423	7.714261	7.456616807	7.301702	8.337727
RB_p_mrmir0000001797	mmu-miR-7227-5p:MIMAT0028422	3.216339	3.357311241	5.453346	2.281158
RB_p_mrmir000000491	mmu-miR-7228-3p:MIMAT0028425	3.763693	6.326833898	7.270269	1.937416
RB_p_mrmir0000002019	mmu-miR-7228-5p:MIMAT0028424	6.115054	7.51497866	5.980705	4.194554
RB_p_mrmir0000001455	mmu-miR-7229-3p:MIMAT0028427	6.961847	5.174442878	6.234748	7.582293
RB_p_mrmir0000001552	mmu-miR-7229-5p:MIMAT0028426	4.226013	2.218338643	5.99642	5.184423

RB_p_mrmir0000002235	mmu-miR-7230-3p:MIMAT0028429	6.433606	7.011590168	5.223154	3.368807
RB_p_mrmir000000302	mmu-miR-7230-5p:MIMAT0028428	7.613273	6.194518244	7.51294	5.958404
RB_p_mrmir0000001097	mmu-miR-7231-3p:MIMAT0028431	7.651679	10.20128828	8.42495	9.290901
RB_p_mrmir0000002259	mmu-miR-7231-5p:MIMAT0028430	7.580608	7.146686031	7.302367	4.561899
RB_p_mrmir0000002074	mmu-miR-7232-3p:MIMAT0028433	6.851061	7.398201497	8.153478	2.674538
RB_p_mrmir0000001466	mmu-miR-7232-5p:MIMAT0028432	6.524002	5.136593062	7.098437	7.528959
RB_p_mrmir0000001617	mmu-miR-7233-3p:MIMAT0028435	4.316781	8.17732373	6.566615	2.361174
RB_p_mrmir000000492	mmu-miR-7233-5p:MIMAT0028434	8.469705	6.995666555	7.820899	6.462889
RB_p_mrmir000000015	mmu-miR-7234-3p:MIMAT0028437	10.46812	7.846907903	11.40169	10.47195
RB_p_mrmir0000002281	mmu-miR-7234-5p:MIMAT0028436	7.26944	7.519285532	7.591418	3.475431
RB_p_mrmir0000001789	mmu-miR-7235-3p:MIMAT0028439	6.330045	6.339618591	7.170244	6.448104
RB_p_mrmir0000001264	mmu-miR-7235-5p:MIMAT0028438	14.17451	14.53574963	13.99268	14.50048
RB_p_mrmir0000002247	mmu-miR-7236-3p:MIMAT0028441	8.016874	6.118284582	6.218569	3.014102
RB_p_mrmir000000869	mmu-miR-7236-5p:MIMAT0028440	5.235935	7.490548761	7.571803	4.377106
RB_p_mrmir000000773	mmu-miR-7237-3p:MIMAT0028443	3.520893	6.802202249	6.422635	7.903607
RB_p_mrmir000000578	mmu-miR-7237-5p:MIMAT0028442	9.966247	8.100145105	8.58912	5.779728
RB_p_mrmir0000001075	mmu-miR-7238-3p:MIMAT0028445	1.031158	3.837068276	4.126614	3.03311
RB_p_mrmir000000569	mmu-miR-7238-5p:MIMAT0028444	13.87985	14.449032	13.85342	14.15287
RB_p_mrmir0000002028	mmu-miR-7239-3p:MIMAT0028447	8.656791	7.607114913	5.050199	8.4194
RB_p_mrmir0000001197	mmu-miR-7239-5p:MIMAT0028446	7.79142	8.384455321	5.757002	4.413877
RB_p_mrmir000000917	mmu-miR-7240-3p:MIMAT0028449	7.948261	1.480245932	6.609639	6.956637
RB_p_mrmir0000002248	mmu-miR-7240-5p:MIMAT0028448	8.39135	4.82298442	7.032961	6.6448
RB_p_mrmir0000001554	mmu-miR-7241-3p:MIMAT0028451	10.9046	9.701059362	11.02988	8.753596
RB_p_mrmir000000286	mmu-miR-7241-5p:MIMAT0028450	6.017795	5.571739746	8.869816	3.872167
RB_p_mrmir0000002012	mmu-miR-7242-3p:MIMAT0028453	5.712128	5.097322659	5.304661	3.683158
RB_p_mrmir000000605	mmu-miR-7242-5p:MIMAT0028452	8.026759	7.70403132	7.300343	7.53532
RB_p_mrmir0000001648	mmu-miR-7243-3p:MIMAT0029911	8.062766	7.552760328	7.920616	4.287916
RB_p_mrmir0000001975	mmu-miR-7243-5p:MIMAT0029910	6.074298	9.860410512	6.566698	2.800011
RB_p_mrmir0000001875	mmu-miR-741-3p:MIMAT0004236	5.513069	7.150789851	5.722114	4.989232
RB_p_mrmir0000001479	mmu-miR-741-5p:MIMAT0017262	4.337652	4.291437302	5.536521	1.800702
RB_p_mrmir0000001113	mmu-miR-742-3p:MIMAT0004237	4.748971	3.778941641	3.038952	3.592769
RB_p_mrmir0000001483	mmu-miR-742-5p:MIMAT0004838	3.760329	4.61343707	4.733157	3.927011
RB_p_mrmir0000001109	mmu-miR-743a-3p:MIMAT0004238	7.299778	5.450119295	5.557002	4.800917
RB_p_mrmir0000001610	mmu-miR-743a-5p:MIMAT0017263	5.194095	7.413803769	6.169722	6.235436
RB_p_mrmir0000001111	mmu-miR-743b-3p:MIMAT0004840	6.334542	3.849835288	3.007084	2.244597
RB_p_mrmir0000002152	mmu-miR-743b-5p:MIMAT0004839	6.006986	6.414278725	4.841532	4.657698
RB_p_mrmir0000001083	mmu-miR-744-3p:MIMAT0004820	6.755887	5.316821154	8.232592	7.525644
RB_p_mrmir0000001960	mmu-miR-744-5p:MIMAT0004187	9.299374	8.535697834	7.640738	7.701394
RB_p_mrmir000000787	mmu-miR-7578:MIMAT0029578	6.465141	4.095308215	6.382676	6.187519
RB_p_mrmir0000002315	mmu-miR-758-3p:MIMAT0003889	3.160544	2.356329034	2.768798	1.070357
RB_p_mrmir0000002075	mmu-miR-758-5p:MIMAT0017235	9.534907	6.546307327	9.314315	10.4122

RB_p_mrmir0000001185	mmu-miR-759:MIMAT0003897	4.421437	6.167841076	8.086538	2.783065
RB_p_mrmir000000933	mmu-miR-760-3p:MIMAT0003898	9.075745	7.076065464	8.603513	6.42135
RB_p_mrmir000000848	mmu-miR-760-5p:MIMAT0017245	8.088958	7.284981279	7.012783	8.27585
RB_p_mrmir0000001186	mmu-miR-761:MIMAT0003893	7.380025	7.696366391	7.761618	6.727981
RB_p_mrmir0000001298	mmu-miR-762:MIMAT0003892	12.57914	13.90510486	11.80672	12.59465
RB_p_mrmir000000814	mmu-miR-763:MIMAT0003896	10.17949	8.638563784	9.987554	9.596604
RB_p_mrmir000000381	mmu-miR-764-3p:MIMAT0003895	7.394157	9.225494073	7.439032	4.885139
RB_p_mrmir0000001324	mmu-miR-764-5p:MIMAT0003894	7.915043	6.405299125	4.914154	4.294544
RB_p_mrmir0000001645	mmu-miR-7646-3p:MIMAT0029795	6.645542	7.407528908	3.466579	5.535494
RB_p_mrmir000000156	mmu-miR-7646-5p:MIMAT0029794	5.180771	3.564229836	6.301009	3.18907
RB_p_mrmir000000111	mmu-miR-7647-3p:MIMAT0029797	10.17345	7.538702581	8.547883	8.087661
RB_p_mrmir00000063	mmu-miR-7647-5p:MIMAT0029796	6.742529	8.40175569	8.208269	5.904902
RB_p_mrmir000000426	mmu-miR-7648-3p:MIMAT0029799	12.72876	11.9538704	11.40136	11.93655
RB_p_mrmir000000862	mmu-miR-7648-5p:MIMAT0029798	8.735872	3.322119818	6.542646	8.329599
RB_p_mrmir0000001778	mmu-miR-7649-3p:MIMAT0029801	4.080789	2.531737725	6.339304	4.434837
RB_p_mrmir0000001856	mmu-miR-7649-5p:MIMAT0029800	7.999881	6.366188123	8.683191	7.990313
RB_p_mrmir0000001410	mmu-miR-7650-3p:MIMAT0029803	8.887188	4.424701976	9.236017	8.7423
RB_p_mrmir000000130	mmu-miR-7650-5p:MIMAT0029802	8.19642	6.439855723	8.143554	5.616904
RB_p_mrmir0000001679	mmu-miR-7651-3p:MIMAT0029805	7.778888	5.827939399	5.802194	6.623892
RB_p_mrmir000000117	mmu-miR-7651-5p:MIMAT0029804	6.72326	4.367721804	7.121862	3.910916
RB_p_mrmir0000001811	mmu-miR-7652-3p:MIMAT0029811	7.098743	6.49343525	8.358303	5.449611
RB_p_mrmir0000001432	mmu-miR-7652-5p:MIMAT0029810	7.576928	7.025824828	6.21638	7.195425
RB_p_mrmir000000846	mmu-miR-7653-3p:MIMAT0029813	7.83119	5.997854452	8.66858	7.201611
RB_p_mrmir0000001433	mmu-miR-7653-5p:MIMAT0029812	11.19836	10.27146977	10.81409	11.20869
RB_p_mrmir000000908	mmu-miR-7654-3p:MIMAT0029815	8.514523	5.712354012	8.120844	7.415848
RB_p_mrmir0000001266	mmu-miR-7654-5p:MIMAT0029814	8.180758	5.018312761	5.11407	3.61538
RB_p_mrmir0000002284	mmu-miR-7655-3p:MIMAT0029817	5.799274	6.775257317	6.96823	8.473909
RB_p_mrmir000000925	mmu-miR-7655-5p:MIMAT0029816	7.059852	4.973479131	4.526271	3.692003
RB_p_mrmir000000179	mmu-miR-7656-3p:MIMAT0029819	6.674396	4.794368648	6.362588	3.289462
RB_p_mrmir0000002136	mmu-miR-7656-5p:MIMAT0029818	4.544151	2.715899345	6.245656	6.087093
RB_p_mrmir0000002216	mmu-miR-7657-3p:MIMAT0029821	6.648166	8.111006367	7.325825	3.468963
RB_p_mrmir000000122	mmu-miR-7657-5p:MIMAT0029820	6.230687	6.547011199	4.714439	3.515786
RB_p_mrmir000000196	mmu-miR-7658-3p:MIMAT0029823	6.991324	6.842141489	7.822903	7.232242
RB_p_mrmir0000002137	mmu-miR-7658-5p:MIMAT0029822	13.69226	12.83187083	10.94623	11.27352
RB_p_mrmir000000384	mmu-miR-7659-3p:MIMAT0029825	6.338406	6.130994594	5.358814	7.250132
RB_p_mrmir000000376	mmu-miR-7659-5p:MIMAT0029824	8.304626	7.190047929	4.918771	4.456474
RB_p_mrmir000000559	mmu-miR-7660-3p:MIMAT0029827	6.821214	4.421673674	8.24147	7.337134
RB_p_mrmir0000002305	mmu-miR-7660-5p:MIMAT0029826	6.019305	4.069476759	5.289767	2.328463
RB_p_mrmir0000002234	mmu-miR-7661-3p:MIMAT0029829	6.593034	5.209422419	7.432185	8.586874
RB_p_mrmir00000075	mmu-miR-7661-5p:MIMAT0029828	5.79224	3.438826326	7.57766	7.290339
RB_p_mrmir0000002003	mmu-miR-7662-3p:MIMAT0029831	7.184496	7.703422825	7.054997	3.497351

RB_p_mrmir000000424	mmu-miR-7662-5p:MIMAT0029830	7.596502	4.438316788	8.690521	6.340632
RB_p_mrmir000000490	mmu-miR-7663-3p:MIMAT0029833	6.13323	3.275166099	3.905265	0.626099
RB_p_mrmir0000001240	mmu-miR-7663-5p:MIMAT0029832	7.425433	4.199471497	6.130415	4.044182
RB_p_mrmir0000001784	mmu-miR-7664-3p:MIMAT0029835	5.819378	2.658694594	6.581783	2.572034
RB_p_mrmir000000756	mmu-miR-7664-5p:MIMAT0029834	4.733692	4.092176374	6.893471	1.101409
RB_p_mrmir000000343	mmu-miR-7665-3p:MIMAT0029837	7.253081	7.370890092	6.134419	6.812322
RB_p_mrmir000000099	mmu-miR-7665-5p:MIMAT0029836	12.91664	11.69992997	13.18067	12.50598
RB_p_mrmir0000001168	mmu-miR-7666-3p:MIMAT0029839	11.71616	11.1476839	11.42573	11.056
RB_p_mrmir0000001341	mmu-miR-7666-5p:MIMAT0029838	7.723377	5.563206622	8.529709	6.528422
RB_p_mrmir000000414	mmu-miR-7667-3p:MIMAT0029841	7.089433	5.938856616	8.115839	6.437113
RB_p_mrmir0000001145	mmu-miR-7667-5p:MIMAT0029840	6.712149	8.150804133	8.22191	4.123975
RB_p_mrmir000000946	mmu-miR-7668-3p:MIMAT0029843	10.88473	8.875331397	12.02328	10.96469
RB_p_mrmir000000682	mmu-miR-7668-5p:MIMAT0029842	7.251668	7.303086259	6.797344	7.076817
RB_p_mrmir0000001147	mmu-miR-7669-3p:MIMAT0029845	7.314265	7.410888018	8.794825	8.111007
RB_p_mrmir000000460	mmu-miR-7669-5p:MIMAT0029844	4.865348	6.08042908	5.492527	6.521274
RB_p_mrmir0000001929	mmu-miR-767:MIMAT0012773	2.482693	6.97794409	7.242405	4.272528
RB_p_mrmir0000002204	mmu-miR-7670-3p:MIMAT0029847	5.580971	1.663385609	2.957041	3.17059
RB_p_mrmir000000593	mmu-miR-7670-5p:MIMAT0029846	8.182086	7.811004355	7.854661	7.649011
RB_p_mrmir00000083	mmu-miR-7671-3p:MIMAT0029849	12.19389	12.5258769	12.86201	12.81737
RB_p_mrmir000000407	mmu-miR-7671-5p:MIMAT0029848	3.771305	3.208838121	6.262458	6.303069
RB_p_mrmir0000001745	mmu-miR-7672-3p:MIMAT0029851	6.173289	3.474755208	6.848421	3.466898
RB_p_mrmir000000949	mmu-miR-7672-5p:MIMAT0029850	12.93961	13.52192701	10.93053	11.51529
RB_p_mrmir0000002215	mmu-miR-7673-3p:MIMAT0029853	7.806263	7.392740675	7.153518	5.646815
RB_p_mrmir0000002299	mmu-miR-7673-5p:MIMAT0029852	9.930196	5.157524915	10.49925	9.577822
RB_p_mrmir0000001698	mmu-miR-7674-3p:MIMAT0029857	7.983023	7.694831204	7.99189	6.368983
RB_p_mrmir0000001906	mmu-miR-7674-5p:MIMAT0029856	10.88952	7.933330492	10.28985	9.938255
RB_p_mrmir0000002161	mmu-miR-7675-3p:MIMAT0029859	5.159298	7.381514157	5.162115	1.059626
RB_p_mrmir0000001084	mmu-miR-7675-5p:MIMAT0029858	9.498405	7.752869761	10.21736	9.593307
RB_p_mrmir0000001718	mmu-miR-7676-3p:MIMAT0029861	7.498425	5.707724525	7.368596	6.50735
RB_p_mrmir000000420	mmu-miR-7676-5p:MIMAT0029860	5.683459	7.876577602	5.669564	7.091462
RB_p_mrmir000000864	mmu-miR-7677-3p:MIMAT0029869	4.712325	3.528473265	4.238538	3.882521
RB_p_mrmir000000485	mmu-miR-7677-5p:MIMAT0029868	5.487852	7.779134601	9.181941	7.851947
RB_p_mrmir0000002292	mmu-miR-7678-3p:MIMAT0029871	7.66848	6.951275615	7.707441	3.027914
RB_p_mrmir0000002169	mmu-miR-7678-5p:MIMAT0029870	8.971191	7.075870243	8.356333	8.2733
RB_p_mrmir000000712	mmu-miR-7679-3p:MIMAT0029873	8.464002	5.689352992	7.40279	7.70233
RB_p_mrmir000000409	mmu-miR-7679-5p:MIMAT0029872	6.031143	6.677342987	6.1427	5.692652
RB_p_mrmir000000270	mmu-miR-7680-3p:MIMAT0029875	5.032428	6.529979901	7.710676	3.473
RB_p_mrmir000000595	mmu-miR-7680-5p:MIMAT0029874	7.824961	7.652714927	6.56389	6.532989
RB_p_mrmir000000292	mmu-miR-7681-3p:MIMAT0029883	8.752339	7.707444061	8.858282	8.855771
RB_p_mrmir000000550	mmu-miR-7681-5p:MIMAT0029882	8.052674	5.221048632	4.406286	6.860704
RB_p_mrmir000000892	mmu-miR-7682-3p:MIMAT0029885	8.243047	7.714608155	7.462094	9.41484

RB_p_mrmir000000389	mmu-miR-7682-5p:MIMAT0029884	6.844313	6.772347538	9.439659	6.461963
RB_p_mrmir0000001982	mmu-miR-7683-3p:MIMAT0029887	11.14772	9.604786991	10.9908	11.06585
RB_p_mrmir0000002208	mmu-miR-7683-5p:MIMAT0029886	5.693542	6.821309838	4.616179	5.352306
RB_p_mrmir0000001969	mmu-miR-7684-3p:MIMAT0029891	8.526688	9.054483973	8.228452	6.461907
RB_p_mrmir0000001812	mmu-miR-7684-5p:MIMAT0029890	9.583702	8.862476549	9.996306	9.965463
RB_p_mrmir000000303	mmu-miR-7685-3p:MIMAT0029897	7.832251	2.732655294	7.508731	4.052353
RB_p_mrmir000000214	mmu-miR-7685-5p:MIMAT0029896	3.600956	1.448807581	8.163007	6.454312
RB_p_mrmir0000001042	mmu-miR-7686-3p:MIMAT0029899	7.432176	4.865588659	7.631312	7.92631
RB_p_mrmir000000897	mmu-miR-7686-5p:MIMAT0029898	11.26973	11.38602945	12.6178	12.45508
RB_p_mrmir000000809	mmu-miR-7687-3p:MIMAT0029903	7.735599	9.643701539	6.828293	5.698276
RB_p_mrmir000000404	mmu-miR-7687-5p:MIMAT0029902	10.61133	9.943437984	10.64482	10.51687
RB_p_mrmir0000001810	mmu-miR-7688-3p:MIMAT0029907	2.344905	5.225850218	4.13383	2.847752
RB_p_mrmir0000001527	mmu-miR-7688-5p:MIMAT0029906	7.168033	7.817460718	6.691963	5.625817
RB_p_mrmir0000002174	mmu-miR-7689-3p:MIMAT0029909	4.662809	8.869721304	7.407883	1.064502
RB_p_mrmir000000857	mmu-miR-7689-5p:MIMAT0029908	2.39611	2.70948155	5.62688	2.647442
RB_p_mrmir000000961	mmu-miR-770-3p:MIMAT0003891	10.50646	11.1578535	11.2199	10.34055
RB_p_mrmir000000334	mmu-miR-770-5p:MIMAT0004822	5.347133	3.634940207	4.521875	6.684447
RB_p_mrmir000000625	mmu-miR-7a-1-3p:MIMAT0004670	7.229884	6.636061681	7.603804	7.009681
RB_p_mrmir000000627	mmu-miR-7a-2-3p:MIMAT0017070	7.947143	5.927043187	6.349678	6.761922
RB_p_mrmir0000001984	mmu-miR-7a-5p:MIMAT0000677	5.054756	4.552536772	6.467264	5.277508
RB_p_mrmir000000626	mmu-miR-7b-3p:MIMAT0017071	6.413984	7.227545809	8.704332	7.474975
RB_p_mrmir0000001985	mmu-miR-7b-5p:MIMAT0000678	6.081279	7.089254022	4.616144	4.588413
RB_p_mrmir000000221	mmu-miR-802-3p:MIMAT0017240	8.045294	6.714776557	6.885373	2.883487
RB_p_mrmir0000001665	mmu-miR-802-5p:MIMAT0004188	3.952742	5.335278634	5.492702	3.123206
RB_p_mrmir0000002119	mmu-miR-804:MIMAT0004210	5.862071	4.148764036	6.299106	7.463771
RB_p_mrmir0000001121	mmu-miR-8090:MIMAT0031391	8.269428	5.212648372	7.895175	7.974839
RB_p_mrmir000000385	mmu-miR-8091:MIMAT0031392	9.018493	8.247024569	8.517936	8.717572
RB_p_mrmir0000001198	mmu-miR-8092:MIMAT0031393	6.121787	5.157732392	4.486715	7.019704
RB_p_mrmir0000002261	mmu-miR-8093:MIMAT0031394	8.199011	8.26530973	9.0413	7.437961
RB_p_mrmir00000067	mmu-miR-8094:MIMAT0031395	10.17692	7.72966961	10.74318	10.16927
RB_p_mrmir00000017	mmu-miR-8095:MIMAT0031396	8.219771	3.083160067	6.144342	5.762725
RB_p_mrmir0000001291	mmu-miR-8096:MIMAT0031398	9.985643	6.44766556	8.749444	8.956706
RB_p_mrmir00000038	mmu-miR-8097:MIMAT0031399	7.405523	8.225282821	7.71472	6.126807
RB_p_mrmir0000001226	mmu-miR-8098:MIMAT0031400	4.950712	7.122667421	6.21215	2.883098
RB_p_mrmir000000800	mmu-miR-8099:MIMAT0031401	5.913909	8.361966891	8.979895	5.77357
RB_p_mrmir000000379	mmu-miR-8100:MIMAT0031403	14.65081	13.89067584	14.45721	14.43386
RB_p_mrmir0000001276	mmu-miR-8101:MIMAT0031405	12.18833	13.2367528	14.92178	14.83309
RB_p_mrmir0000001642	mmu-miR-8102:MIMAT0031406	12.98842	12.1287623	13.22993	12.86955
RB_p_mrmir0000001775	mmu-miR-8103:MIMAT0031407	6.692839	4.63364988	6.774324	4.326032
RB_p_mrmir000000715	mmu-miR-8104:MIMAT0031408	12.25071	11.34534218	12.72624	12.00017
RB_p_mrmir000000400	mmu-miR-8105:MIMAT0031409	9.772413	10.43188215	8.627371	9.109537

RB_p_mrmir0000001864	mmu-miR-8106:MIMAT0031411	6.748585	5.931787922	5.109244	-0.40438
RB_p_mrmir0000001980	mmu-miR-8107:MIMAT0031412	11.59038	10.14147777	10.18562	10.00828
RB_p_mrmir0000001814	mmu-miR-8108:MIMAT0031413	9.080734	7.764750622	8.474516	8.790081
RB_p_mrmir0000001218	mmu-miR-8109:MIMAT0031415	8.837995	5.878718865	6.976279	6.75697
RB_p_mrmir00000084	mmu-miR-8110:MIMAT0031416	14.62654	14.17763586	13.86601	13.92507
RB_p_mrmir000000205	mmu-miR-8111:MIMAT0031417	7.045618	3.668493681	6.680578	4.8649
RB_p_mrmir0000001774	mmu-miR-8112:MIMAT0031418	7.296579	6.647660521	4.656207	6.93437
RB_p_mrmir000000709	mmu-miR-8113:MIMAT0031419	11.02339	9.461719156	10.83381	10.6886
RB_p_mrmir0000001634	mmu-miR-8114:MIMAT0031420	7.260604	6.277805694	5.15397	7.379962
RB_p_mrmir000000859	mmu-miR-8115:MIMAT0031421	7.213545	6.85359014	3.747704	2.709209
RB_p_mrmir00000096	mmu-miR-8116:MIMAT0031422	7.972426	7.067790777	6.210584	5.314859
RB_p_mrmir0000001230	mmu-miR-8117:MIMAT0031423	14.29909	14.43093308	14.83286	14.81539
RB_p_mrmir0000001132	mmu-miR-8118:MIMAT0031424	6.148103	3.399211767	5.923883	3.069957
RB_p_mrmir0000001153	mmu-miR-8119:MIMAT0031425	11.02986	9.620479294	11.45937	9.943493
RB_p_mrmir0000002125	mmu-miR-8120:MIMAT0031426	6.858253	4.789966162	6.900456	5.823677
RB_p_mrmir0000001866	mmu-miR-871-3p:MIMAT0017265	4.011754	6.126349247	6.370408	5.075095
RB_p_mrmir0000001608	mmu-miR-871-5p:MIMAT0004841	4.120933	4.905617729	5.3572	4.938959
RB_p_mrmir0000001843	mmu-miR-872-3p:MIMAT0004935	6.312849	4.495082105	5.439235	3.405358
RB_p_mrmir000000108	mmu-miR-872-5p:MIMAT0004934	4.378676	5.324907796	6.653815	2.704955
RB_p_mrmir0000001140	mmu-miR-873a-3p:MIMAT0017279	8.671184	9.049399509	5.23159	1.446796
RB_p_mrmir0000001191	mmu-miR-873a-5p:MIMAT0004936	4.511366	3.542137455	5.860963	4.11419
RB_p_mrmir000000162	mmu-miR-873b:MIMAT0025177	6.237074	3.881110106	7.074096	8.335143
RB_p_mrmir0000001036	mmu-miR-874-3p:MIMAT0004853	9.381523	4.051505382	7.850948	8.580359
RB_p_mrmir000000927	mmu-miR-874-5p:MIMAT0017268	8.738349	7.809442299	6.839684	8.097147
RB_p_mrmir000000880	mmu-miR-875-3p:MIMAT0004938	4.050374	3.325677589	7.80876	5.488186
RB_p_mrmir0000001572	mmu-miR-875-5p:MIMAT0004937	1.731169	5.727570685	4.307912	7.190699
RB_p_mrmir0000001555	mmu-miR-876-3p:MIMAT0004855	4.705657	4.993148269	6.117892	-0.27818
RB_p_mrmir0000002010	mmu-miR-876-5p:MIMAT0004854	4.273787	1.557782778	4.628586	3.48841
RB_p_mrmir0000002103	mmu-miR-877-3p:MIMAT0004862	7.271964	4.810084554	5.680046	5.199958
RB_p_mrmir0000001340	mmu-miR-877-5p:MIMAT0004861	12.4848	12.03237501	13.44184	12.54345
RB_p_mrmir0000001194	mmu-miR-878-3p:MIMAT0004933	8.053825	6.326376315	7.751728	5.648217
RB_p_mrmir0000001577	mmu-miR-878-5p:MIMAT0004932	2.879741	2.718096928	5.652647	5.311986
RB_p_mrmir0000001251	mmu-miR-879-3p:MIMAT0004843	3.191647	5.236964463	8.555393	-0.12486
RB_p_mrmir000000313	mmu-miR-879-5p:MIMAT0004842	5.016195	7.294490721	4.275453	-0.34439
RB_p_mrmir0000001489	mmu-miR-880-3p:MIMAT0004844	6.029582	6.574058721	6.517627	2.640366
RB_p_mrmir0000001484	mmu-miR-880-5p:MIMAT0017266	5.168027	8.686389079	4.762316	2.461274
RB_p_mrmir00000071	mmu-miR-881-3p:MIMAT0004846	5.440529	4.693683556	4.648757	4.313568
RB_p_mrmir000000690	mmu-miR-881-5p:MIMAT0004845	6.219154	4.847511144	6.937075	7.219258
RB_p_mrmir000000375	mmu-miR-882:MIMAT0004847	7.280306	8.662679553	6.577001	7.193363
RB_p_mrmir0000001427	mmu-miR-883a-3p:MIMAT0004849	6.90817	2.032698744	6.700482	4.968778
RB_p_mrmir0000001970	mmu-miR-883a-5p:MIMAT0004848	8.632713	8.59593636	8.460952	8.775901

RB_p_mrmir0000001428	mmu-miR-883b-3p:MIMAT0004851	5.887701	4.986835763	7.767757	1.151137
RB_p_mrmir0000001492	mmu-miR-883b-5p:MIMAT0004850	7.68163	7.015348299	7.607143	8.618248
RB_p_mrmir000000456	mmu-miR-92a-1-5p:MIMAT0017066	7.489275	4.799483294	7.183252	0.437119
RB_p_mrmir000000448	mmu-miR-92a-2-5p:MIMAT0004635	10.39823	8.309726263	8.264717	8.663593
RB_p_mrmir0000001614	mmu-miR-92a-3p:MIMAT0000539	7.02236	6.538402694	4.8085	5.070745
RB_p_mrmir0000001613	mmu-miR-92b-3p:MIMAT0004899	6.87996	8.459541552	7.467919	5.479164
RB_p_mrmir000000413	mmu-miR-92b-5p:MIMAT0017278	11.704	10.53168947	10.17873	10.77204
RB_p_mrmir000000266	mmu-miR-93-3p:MIMAT0004636	5.978783	6.707175004	6.454419	3.836354
RB_p_mrmir000000840	mmu-miR-935:MIMAT0035718	6.59301	7.227213315	4.789069	6.38546
RB_p_mrmir000000619	mmu-miR-93-5p:MIMAT0000540	6.625554	7.572797834	8.245701	5.051872
RB_p_mrmir000000505	mmu-miR-9-3p:MIMAT0000143	6.881989	5.342994223	4.08892	5.74358
RB_p_mrmir0000001831	mmu-miR-9-5p:MIMAT0000142	4.329575	4.347095799	3.801934	4.44918
RB_p_mrmir000000649	mmu-miR-96-3p:MIMAT0017021	5.004977	1.25009862	3.677127	2.744565
RB_p_mrmir0000002308	mmu-miR-96-5p:MIMAT0000541	6.613704	5.385627296	7.852798	6.604492
RB_p_mrmir000000265	mmu-miR-9768-3p:MIMAT0036460	6.575048	6.016560941	7.388716	6.988293
RB_p_mrmir0000002011	mmu-miR-9768-5p:MIMAT0036459	8.852934	7.924749489	9.074554	7.704728
RB_p_mrmir0000001544	mmu-miR-9769-3p:MIMAT0036462	7.76665	6.362750395	4.315787	6.200376
RB_p_mrmir000000388	mmu-miR-9769-5p:MIMAT0036461	7.775361	9.927035581	7.8382	8.151587
RB_p_mrmir000000977	mmu-miR-98-3p:MIMAT0017023	6.692785	4.090948148	4.78195	2.778914
RB_p_mrmir0000001897	mmu-miR-98-5p:MIMAT0000545	3.47131	4.954056583	5.871726	7.750142
RB_p_mrmir000000641	mmu-miR-99a-3p:MIMAT0016981	6.531181	7.156949969	6.411166	4.057481
RB_p_mrmir000000055	mmu-miR-99a-5p:MIMAT0000131	6.265857	6.690543788	4.07638	4.950372
RB_p_mrmir000000640	mmu-miR-99b-3p:MIMAT0004525	7.987806	7.696701557	6.919419	5.88724
RB_p_mrmir000000673	mmu-miR-99b-5p:MIMAT0000132	7.69899	5.465976402	7.103187	8.137581