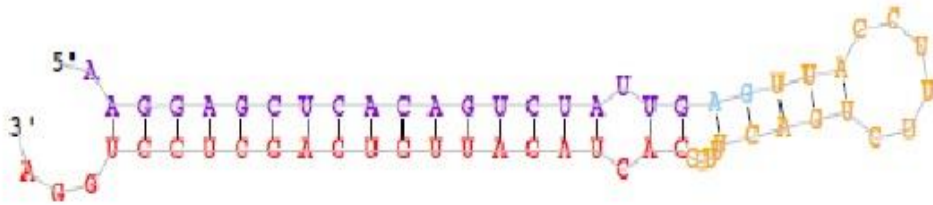
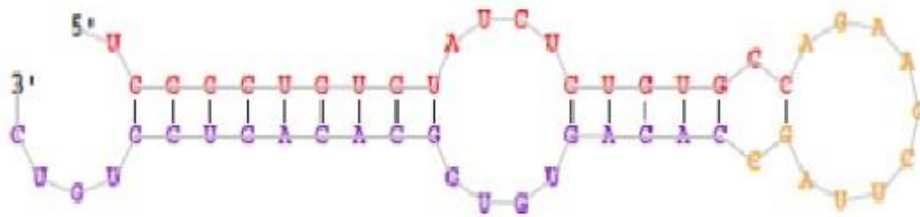


5689m: chr3_8021



5690m: chr7_9293



5691m: chr7_8079

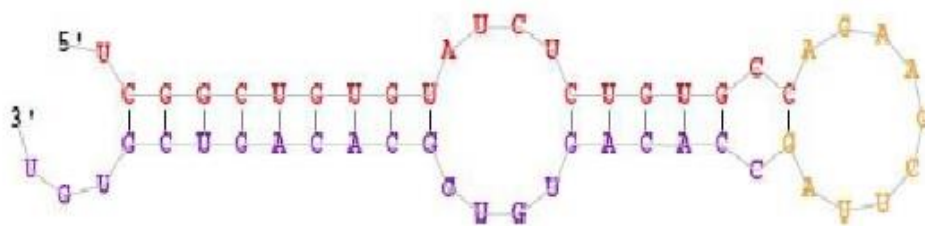
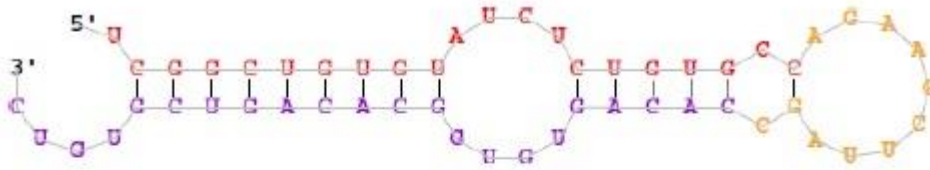
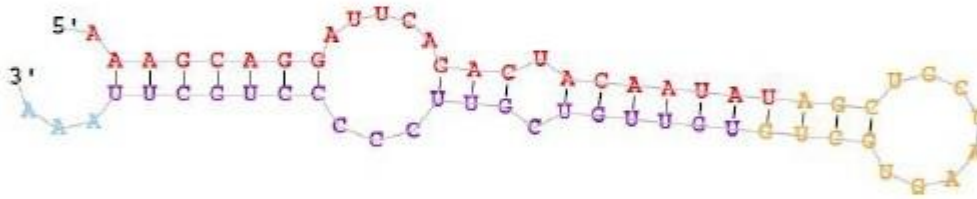


Figure 1a: The structures for the novel miRNAs with the highest read count in each of the breast cancer samples.

4689m: chr7_11969



4690m: chr3_7770



4691m: chr7_8341

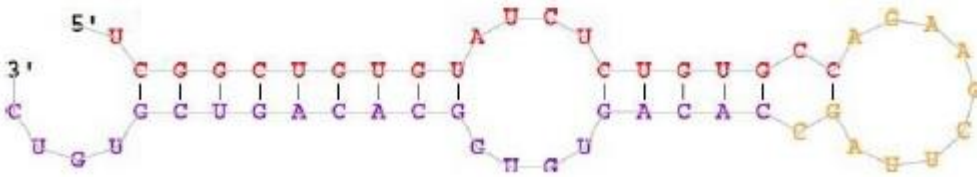


Figure 1b: The structures for the novel miRNAs with the highest read count in each of the control samples

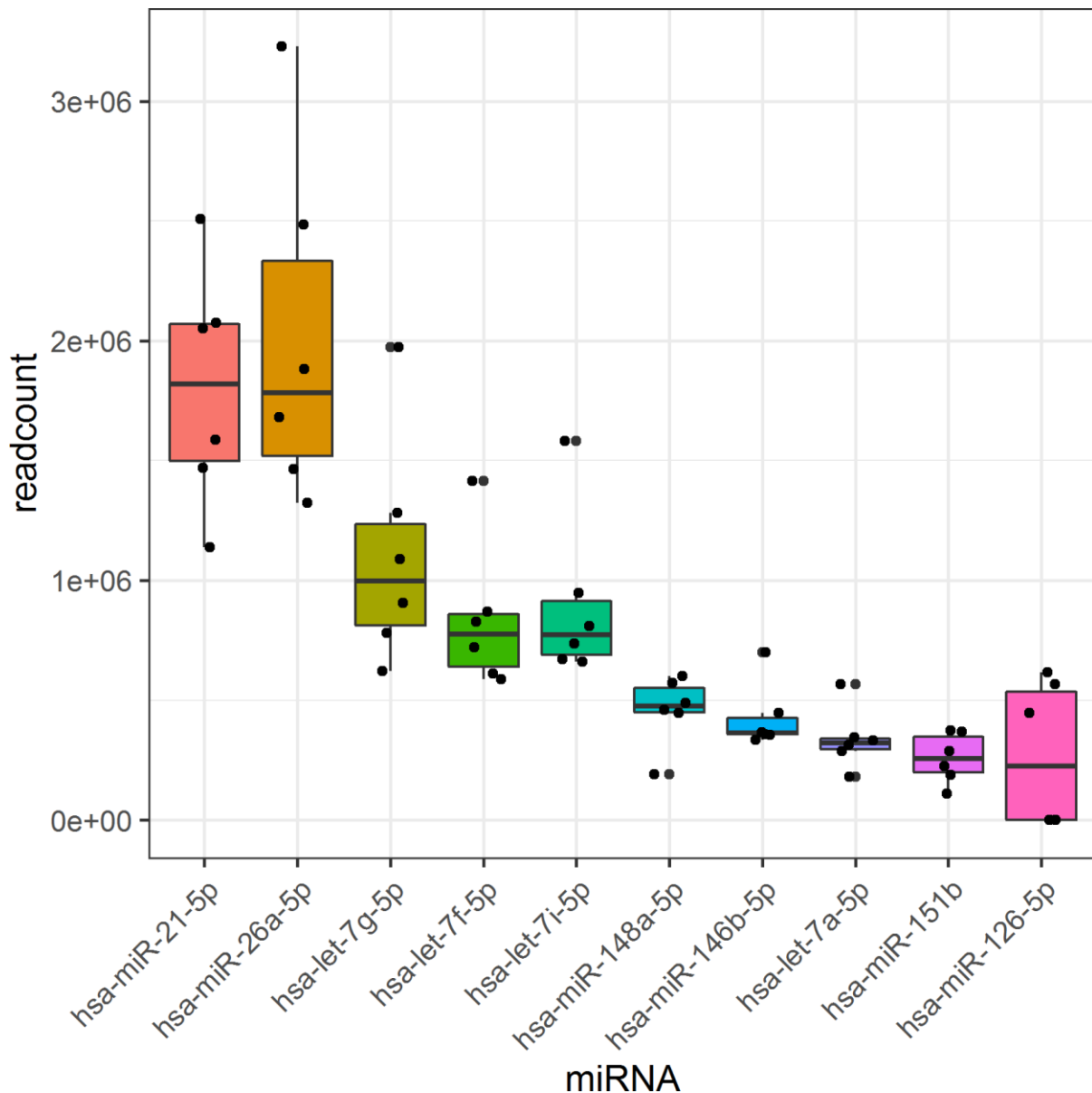


Figure 2: Top ten predominant miRNA comparison across 6 samples The X-axis represent the miRNA and Y-axis represents mapped read count. Expression of top 10 predominant miRNA identified across 6 samples are provided as stacked bar plot. The top most predominant miRNA is hsa-mir-21. The hsa-miR-21 act as a key regulator of oncogenic processes.

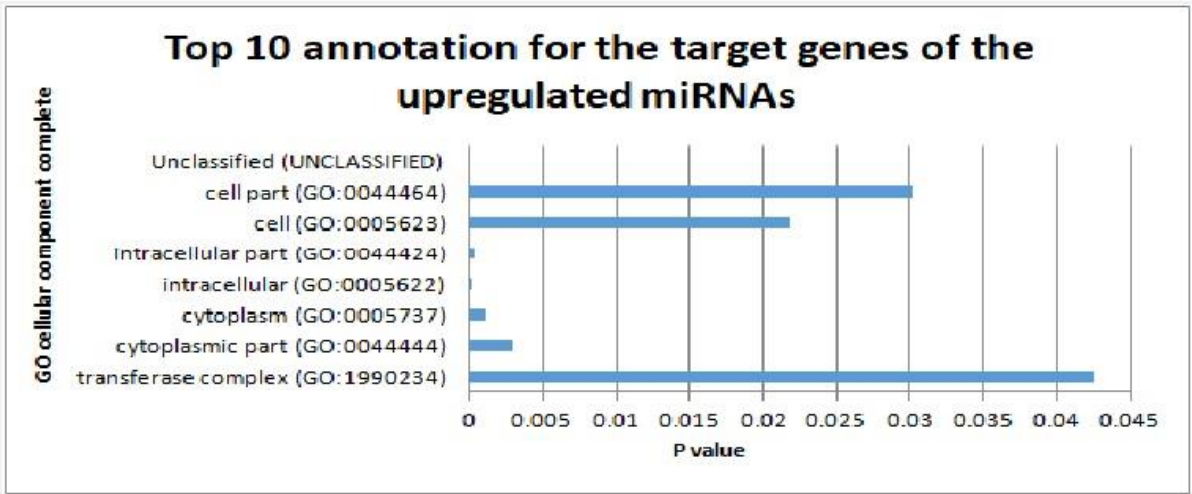
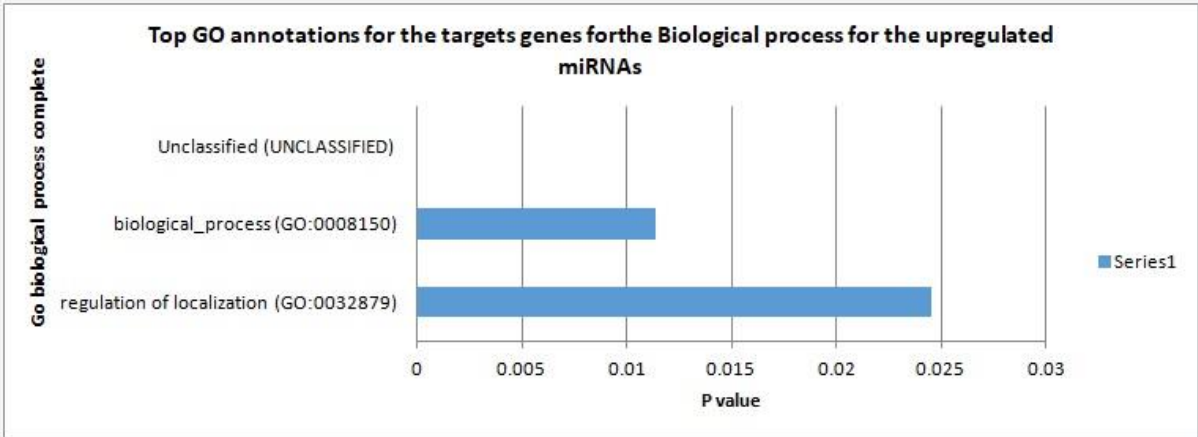


Figure3a: Significant categories under GO annotations ($p < 0.05$): x-axis shows the number of miRNAs annotated and y-axis shows the GO annotations. GO biological process complete and GO cellular component complete for the target genes of up regulated miRNA

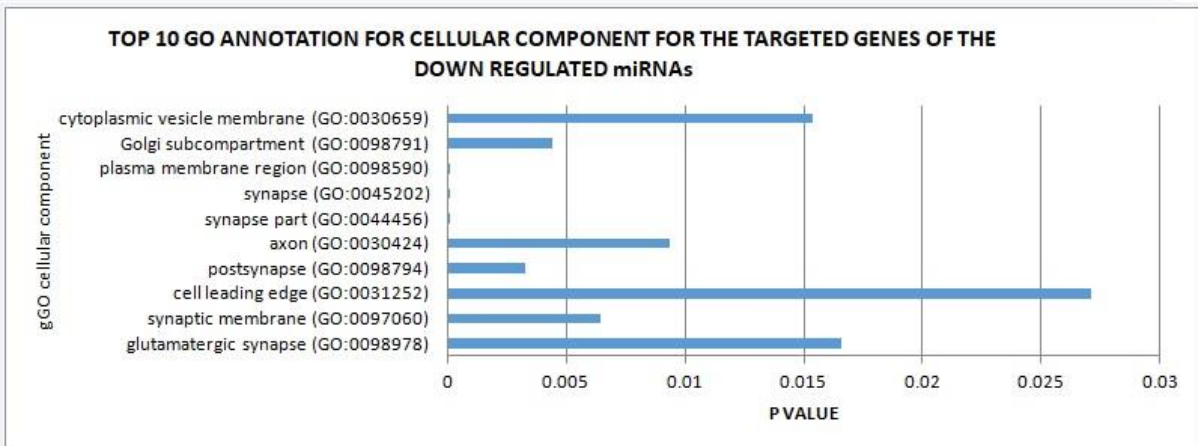
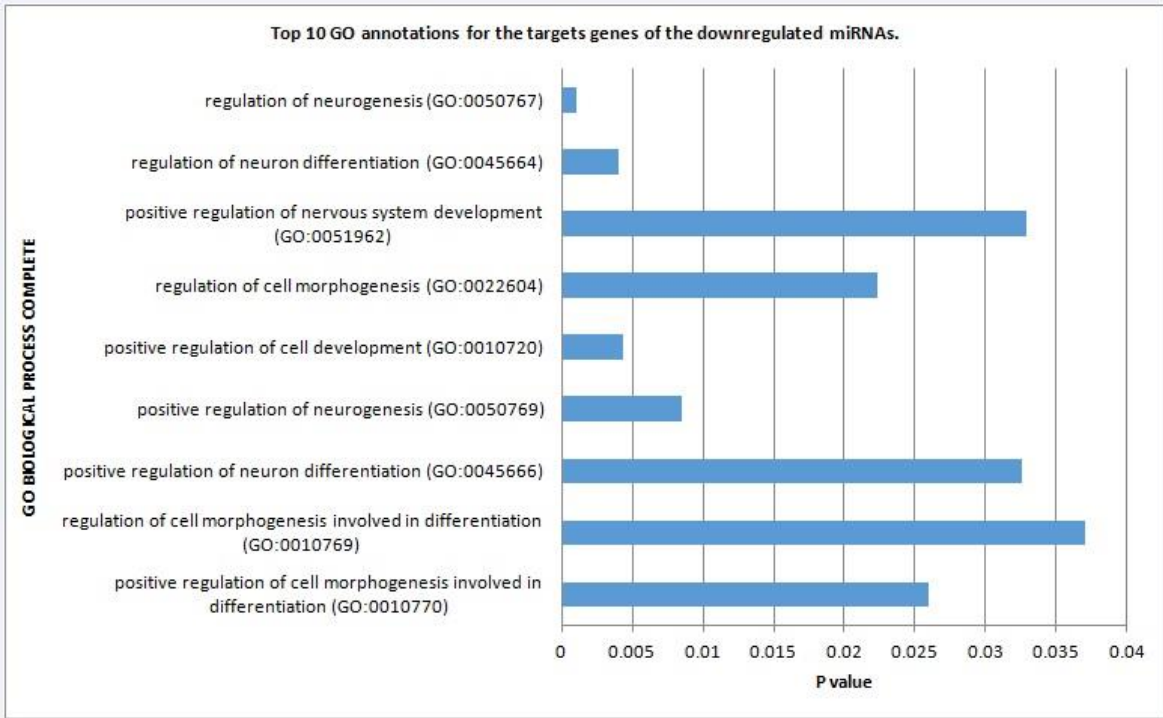


Figure 3b: Significant categories under GO annotations ($p < 0.05$): x-axis shows the number of miRNAs annotated and y-axis shows the GO annotations. GO biological process complete and GO cellular component complete for the target genes of up regulated miRNA

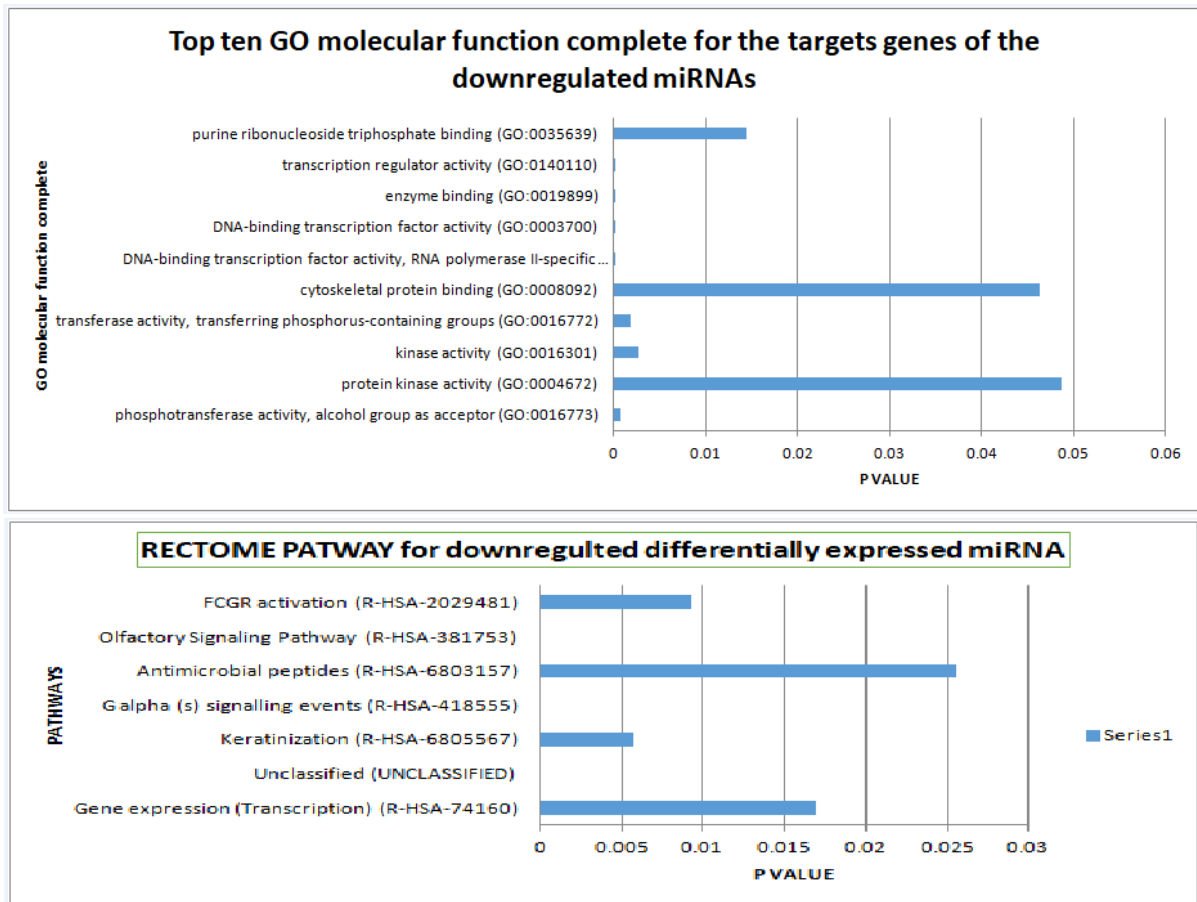


Figure 3c: Significant categories under GO annotations ($p < 0.05$): x-axis shows the number of miRNAs annotated and y-axis shows the GO annotations. GO complete molecular function for the target genes of down regulated miRNA; Reactome pathway analysis

Table 1: Statistics of read alignment

S.No	Description	4689M	4690M	4691M	5689M	5690M	5691M
1	Reads processed	21587506	17924603	35319344	21723230	27329516	33790994
2	Reads with at least one reported alignment	19754830 (91.51%)	16645615 (92.86%)	33058552 (93.60%)	19549601 (89.99%)	25094707 (91.82%)	26305760 (77.85%)
3	Reads that failed to align	1832676 (8.49%)	1278988 (7.14%)	2260792 (6.40%)	2173629 (10.01%)	2234809 (8.18%)	7485234 (22.15%)

Table 2: Distribution of known and novel miRNA in samples

Sample number	Known miRNA	Novel miRNA	Total
1(control)	486	45	531
2(control)	551	65	616
3(control)	525	88	613
1(case)	582	105	687
2(case)	536	61	597
3()	469	67	536

Table3: List of differentially expressed miRNA with their p-adj value & log2fc

Serial no	Gene	log2FoldChange	padj
1	hsa-miR-192-5p:MIMAT0000222	16.48428868	4.81E-38
2	hsa-miR-24-2-5p:MIMAT0004497	-30	4.97E-12
3	hsa-miR-3609:MIMAT0017986	-20.03981014	2.09E-07
4	hsa-miR-664b-3p:MIMAT0022272	-8.406607914	0.045503546
5	hsa-miR-514a-5p:MIMAT0022702	2.085835277	0.080747199
6	hsa-miR-6511b-5p:MIMAT0025847	-7.907832124	0.105886035
7	hsa-miR-23b-5p:MIMAT0004587	1.791070846	0.19107672
8	hsa-miR-183-5p:MIMAT0000261	-1.039474846	0.394361373
9	hsa-miR-143-5p:MIMAT0004599	-0.976948818	0.509516551
10	hsa-miR-6855-5p:MIMAT0027610	-7.086709467	0.509516551
11	hsa-miR-122-5p:MIMAT0000421	-1.715920573	0.572633139
12	hsa-miR-7850-5p:MIMAT0030425	-5.910698551	0.825233601
13	hsa-miR-378b:MIMAT0014999	6.720058276	0.825233601
14	hsa-miR-23c:MIMAT0018000	6.78472389	0.825233601
15	hsa-miR-652-5p:MIMAT0022709	0.848535088	0.853748276
16	hsa-miR-643:MIMAT0003313	6.626112706	0.853748276
17	hsa-miR-6813-5p:MIMAT0027526	-6.534395382	0.89146932
18	hsa-miR-4659b-5p:MIMAT0019733	8.76010598	0.89146932
19	hsa-miR-21-5p:MIMAT0000076	-0.150669161	0.998300342
20	hsa-miR-26a-5p:MIMAT0000082	0.027747747	0.998300342
21	hsa-let-7i-5p:MIMAT0000415	-0.523688158	0.998300342
22	hsa-let-7g-5p:MIMAT0000414	-0.078965279	0.998300342
23	hsa-let-7f-5p:MIMAT0000067	-0.256489009	0.998300342
24	hsa-miR-148a-5p:MIMAT0004549	0.037971996	0.998300342
25	hsa-miR-126-5p:MIMAT0000444	1.117609922	0.998300342
26	hsa-miR-146b-5p:MIMAT0002809	-0.275510598	0.998300342
27	hsa-let-7a-5p:MIMAT0000062	-0.077134878	0.998300342
28	hsa-miR-151b:MIMAT0010214	0.06402141	0.998300342

29	hsa-miR-150-5p:MIMAT0000451	-0.099562656	0.998300342
30	hsa-miR-30d-5p:MIMAT0000245	0.021117203	0.998300342
31	hsa-miR-92a-1-5p:MIMAT0004507	-0.156012518	0.998300342
32	hsa-miR-92a-2-5p:MIMAT0004508	-0.183309482	0.998300342
33	hsa-miR-423-5p:MIMAT0004748	-0.214928905	0.998300342
34	hsa-miR-146a-5p:MIMAT0000449	-0.03419295	0.998300342
35	hsa-miR-26b-5p:MIMAT0000083	0.190691954	0.998300342
36	hsa-miR-27a-5p:MIMAT0004501	-0.296156964	0.998300342
37	hsa-miR-191-5p:MIMAT0000440	0.393476222	0.998300342
38	hsa-miR-181a-5p:MIMAT0000256	-0.236445681	0.998300342
39	hsa-miR-128-1-5p:MIMAT0026477	-0.043655242	0.998300342
40	hsa-miR-7-5p:MIMAT0000252	-0.516899425	0.998300342
41	hsa-miR-101-2-5p:MIMAT0037312	-0.356771802	0.998300342
42	hsa-miR-101-5p:MIMAT0004513	-0.350328621	0.998300342
43	hsa-miR-30e-5p:MIMAT0000692	-0.255585972	0.998300342
44	hsa-miR-486-5p:MIMAT0002177	-0.39840002	0.998300342
45	hsa-miR-140-5p:MIMAT0000431	0.204540416	0.998300342
46	hsa-miR-24-1-5p:MIMAT0000079	0.071484275	0.998300342
47	hsa-miR-221-5p:MIMAT0004568	0.126965536	0.998300342
48	hsa-miR-148b-5p:MIMAT0004699	0.54953771	0.998300342
49	hsa-miR-29a-5p:MIMAT0004503	-0.12157388	0.998300342
50	hsa-miR-222-5p:MIMAT0004569	-0.101118911	0.998300342
51	hsa-miR-30c-5p:MIMAT0000244	0.227628507	0.998300342
52	hsa-miR-320a-5p:MIMAT0037311	-0.492481665	0.998300342
53	hsa-miR-378a-5p:MIMAT0000731	-0.096895279	0.998300342
54	hsa-miR-27b-5p:MIMAT0004588	0.480667076	0.998300342
55	hsa-miR-361-5p:MIMAT0000703	-0.525712935	0.998300342
56	hsa-miR-103a-2-5p:MIMAT0009196	0.348090215	0.998300342
57	hsa-miR-103a-1-5p:MIMAT0037306	0.347650628	0.998300342
58	hsa-miR-28-5p:MIMAT0000085	-0.127676647	0.998300342
59	hsa-miR-155-5p:MIMAT0000646	-0.077376521	0.998300342
60	hsa-miR-342-5p:MIMAT0004694	-0.328398474	0.998300342
61	hsa-miR-125a-5p:MIMAT0000443	-0.130876131	0.998300342
62	hsa-miR-186-5p:MIMAT0000456	-0.431698506	0.998300342
63	hsa-miR-10a-5p:MIMAT0000253	0.300194293	0.998300342
64	hsa-miR-22-5p:MIMAT0004495	0.257913036	0.998300342
65	hsa-miR-185-5p:MIMAT0000455	-0.115550999	0.998300342
66	hsa-let-7c-5p:MIMAT0000064	-0.167374781	0.998300342
67	hsa-miR-340-5p:MIMAT0004692	0.52385815	0.998300342
68	hsa-miR-199b-5p:MIMAT0000263	0.334613865	0.998300342
69	hsa-miR-99a-5p:MIMAT0000097	-0.383373126	0.998300342
70	hsa-miR-1260b:MIMAT0015041	-0.274404254	0.998300342
71	hsa-miR-16-5p:MIMAT0000069	-0.103333206	0.998300342
72	hsa-miR-106b-5p:MIMAT0000680	0.093620794	0.998300342

73	hsa-miR-532-5p:MIMAT0002888	-0.158048993	0.998300342
74	hsa-miR-98-5p:MIMAT0000096	-0.119425979	0.998300342
75	hsa-miR-363-5p:MIMAT0003385	0.145743542	0.998300342
76	hsa-miR-181b-5p:MIMAT0000257	-0.077264334	0.998300342
77	hsa-miR-409-5p:MIMAT0001638	-0.157038048	0.998300342
78	hsa-miR-328-5p:MIMAT0026486	-0.630448781	0.998300342
79	hsa-miR-625-5p:MIMAT0003294	-0.327815622	0.998300342
80	hsa-miR-4433b-5p:MIMAT0030413	0.047659131	0.998300342
81	hsa-miR-197-5p:MIMAT0022691	-0.767734284	0.998300342
82	hsa-miR-20a-5p:MIMAT0000075	0.187809148	0.998300342
83	hsa-miR-93-5p:MIMAT0000093	0.445006599	0.998300342
84	hsa-miR-127-5p:MIMAT0004604	0.560239151	0.998300342
85	hsa-miR-584-5p:MIMAT0003249	0.181033555	0.998300342
86	hsa-miR-374b-5p:MIMAT0004955	0.806147043	0.998300342
87	hsa-miR-152-5p:MIMAT0026479	0.403975253	0.998300342
88	hsa-miR-139-5p:MIMAT0000250	-0.032472053	0.998300342
89	hsa-miR-374a-5p:MIMAT0000727	0.405348756	0.998300342
90	hsa-let-7e-5p:MIMAT0000066	0.029331258	0.998300342
91	hsa-miR-330-5p:MIMAT0004693	-0.046609878	0.998300342
92	hsa-miR-17-5p:MIMAT0000070	0.397217553	0.998300342
93	hsa-miR-370-5p:MIMAT0026483	-0.106882126	0.998300342
94	hsa-miR-1-3p:MIMAT0000416	-0.868255875	0.998300342
95	hsa-miR-671-5p:MIMAT0003880	-0.439306649	0.998300342
96	hsa-miR-1-5p:MIMAT0031892	-0.894163076	0.998300342
97	hsa-miR-224-5p:MIMAT0000281	0.473464064	0.998300342
98	hsa-miR-29b-2-5p:MIMAT0004515	-0.131078757	0.998300342
99	hsa-miR-29b-1-5p:MIMAT0004514	-0.13458087	0.998300342
100	hsa-miR-543:MIMAT0004954	-0.082158347	0.998300342
101	hsa-miR-381-5p:MIMAT0022862	-0.056093497	0.998300342
102	hsa-miR-30a-5p:MIMAT0000087	0.004983189	0.998300342
103	hsa-miR-182-5p:MIMAT0000259	-0.321538614	0.998300342
104	hsa-miR-335-5p:MIMAT0000765	0.245665562	0.998300342
105	hsa-miR-30b-5p:MIMAT0000420	0.948297145	0.998300342
106	hsa-miR-1301-5p:MIMAT0026639	-0.133261716	0.998300342
107	hsa-miR-32-5p:MIMAT0000090	-0.179973934	0.998300342
108	hsa-miR-144-5p:MIMAT0004600	-0.874419525	0.998300342
109	hsa-miR-194-5p:MIMAT0000460	-0.182189241	0.998300342
110	hsa-miR-548au-5p:MIMAT0022291	-0.527940999	0.998300342
111	hsa-miR-200c-5p:MIMAT0004657	-0.158701311	0.998300342
112	hsa-miR-15b-5p:MIMAT0000417	0.42736781	0.998300342
113	hsa-miR-493-5p:MIMAT0002813	0.181692509	0.998300342
114	hsa-miR-379-5p:MIMAT0000733	0.047556799	0.998300342
115	hsa-miR-1273h-5p:MIMAT0030415	-0.612484243	0.998300342
116	hsa-miR-654-5p:MIMAT0003330	0.327316874	0.998300342

117	hsa-miR-629-5p:MIMAT0004810	-0.009719579	0.998300342
118	hsa-miR-769-5p:MIMAT0003886	0.128315267	0.998300342
119	hsa-miR-3613-5p:MIMAT0017990	-0.348102691	0.998300342
120	hsa-miR-320b:MIMAT0005792	-0.419897383	0.998300342
121	hsa-miR-107:MIMAT0000104	0.468160764	0.998300342
122	hsa-miR-582-5p:MIMAT0003247	0.168275073	0.998300342
123	hsa-miR-576-5p:MIMAT0003241	-0.324770424	0.998300342
124	hsa-miR-505-5p:MIMAT0004776	0.43188947	0.998300342
125	hsa-miR-378c:MIMAT0016847	-0.125389708	0.998300342
126	hsa-miR-9-5p:MIMAT0000441	-0.264006568	0.998300342
127	hsa-miR-664a-5p:MIMAT0005948	0.119584198	0.998300342
128	hsa-miR-125b-5p:MIMAT0000423	-0.692533998	0.998300342
129	hsa-miR-19b-2-5p:MIMAT0004492	0.073355538	0.998300342
130	hsa-miR-19b-1-5p:MIMAT0004491	0.073074113	0.998300342
131	hsa-miR-574-5p:MIMAT0004795	-0.051554567	0.998300342
132	hsa-miR-95-5p:MIMAT0026473	-0.067573277	0.998300342
133	hsa-miR-331-5p:MIMAT0004700	0.176141417	0.998300342
134	hsa-miR-345-5p:MIMAT0000772	-0.097447593	0.998300342
135	hsa-miR-495-5p:MIMAT0022924	-0.069160062	0.998300342
136	hsa-miR-382-5p:MIMAT0000737	0.196662401	0.998300342
137	hsa-miR-19a-5p:MIMAT0004490	0.12671073	0.998300342
138	hsa-miR-145-5p:MIMAT0000437	-0.242377781	0.998300342
139	hsa-miR-500a-5p:MIMAT0004773	0.290624272	0.998300342
140	hsa-miR-181d-5p:MIMAT0002821	0.466261871	0.998300342
141	hsa-miR-424-5p:MIMAT0001341	0.296081042	0.998300342
142	hsa-miR-132-5p:MIMAT0004594	-0.362957205	0.998300342
143	hsa-miR-3690:MIMAT0018119	-0.245456474	0.998300342
144	hsa-miR-323b-5p:MIMAT0001630	-0.1801932	0.998300342
145	hsa-miR-485-5p:MIMAT0002175	-0.220679596	0.998300342
146	hsa-miR-454-5p:MIMAT0003884	0.045903841	0.998300342
147	hsa-miR-92b-5p:MIMAT0004792	-0.176302557	0.998300342
148	hsa-miR-1322:MIMAT0005953	-0.030961769	0.998300342
149	hsa-miR-641:MIMAT0003311	-0.028424911	0.998300342
150	hsa-miR-501-5p:MIMAT0002872	0.541973035	0.998300342
151	hsa-miR-450a-5p:MIMAT0001545	0.40401187	0.998300342
152	hsa-miR-338-5p:MIMAT0004701	0.353586949	0.998300342
153	hsa-miR-411-5p:MIMAT0003329	0.451427179	0.998300342
154	hsa-miR-3909:MIMAT0018183	-0.155800976	0.998300342
155	hsa-miR-548ap-5p:MIMAT0021037	0.771296669	0.998300342
156	hsa-miR-215-5p:MIMAT0000272	-0.399347212	0.998300342
157	hsa-miR-942-5p:MIMAT0004985	-0.181271425	0.998300342
158	hsa-miR-200a-5p:MIMAT0001620	-0.219726025	0.998300342
159	hsa-miR-323a-5p:MIMAT0004696	1.295890847	0.998300342
160	hsa-miR-628-5p:MIMAT0004809	-0.132515439	0.998300342

161	hsa-miR-4446-5p:MIMAT0019233	-0.284383607	0.998300342
162	hsa-miR-6852-5p:MIMAT0027604	-0.402840311	0.998300342
163	hsa-miR-20b-5p:MIMAT0001413	0.336469345	0.998300342
164	hsa-miR-3120-5p:MIMAT0019198	0.232655584	0.998300342
165	hsa-miR-433-5p:MIMAT0026554	-0.852775649	0.998300342
166	hsa-miR-320c:MIMAT0005793	-0.212326287	0.998300342
167	hsa-miR-10b-5p:MIMAT0000254	0.013970877	0.998300342
168	hsa-miR-326:MIMAT0000756	0.728670181	0.998300342
169	hsa-miR-196b-5p:MIMAT0001080	-0.23619745	0.998300342
170	hsa-miR-450b-5p:MIMAT0004909	0.643266679	0.998300342
171	hsa-miR-760:MIMAT0004957	-0.577628492	0.998300342
172	hsa-miR-31-5p:MIMAT0000089	-0.384506046	0.998300342
173	hsa-miR-3158-5p:MIMAT0019211	-0.487278254	0.998300342
174	hsa-miR-181c-5p:MIMAT0000258	0.334697348	0.998300342
175	hsa-miR-1255a:MIMAT0005906	-0.212945568	0.998300342
176	hsa-miR-548e-5p:MIMAT0026736	0.019914871	0.998300342
177	hsa-miR-1304-5p:MIMAT0005892	0.22676128	0.998300342
178	hsa-miR-494-5p:MIMAT0026607	0.769849696	0.998300342
179	hsa-miR-660-5p:MIMAT0003338	0.739372812	0.998300342
180	hsa-miR-432-5p:MIMAT0002814	0.273076522	0.998300342
181	hsa-miR-503-5p:MIMAT0002874	0.51107863	0.998300342
182	hsa-miR-499a-5p:MIMAT0002870	-0.277239961	0.998300342
183	hsa-miR-873-5p:MIMAT0004953	0.863606984	0.998300342
184	hsa-miR-362-5p:MIMAT0000705	0.188717586	0.998300342
185	hsa-miR-15a-5p:MIMAT0000068	0.164818412	0.998300342
186	hsa-miR-502-5p:MIMAT0002873	0.758334699	0.998300342
187	hsa-miR-1249-5p:MIMAT0032029	-1.484656387	0.998300342
188	hsa-miR-106a-5p:MIMAT0000103	0.5847632	0.998300342
189	hsa-miR-369-5p:MIMAT0001621	0.788800201	0.998300342
190	hsa-miR-1976:MIMAT0009451	-0.027600449	0.998300342
191	hsa-miR-642a-5p:MIMAT0003312	0.092654886	0.998300342
192	hsa-miR-329-5p:MIMAT0026555	0.543689263	0.998300342
193	hsa-miR-509-3-5p:MIMAT0004975	0.773494863	0.998300342
194	hsa-miR-1277-5p:MIMAT0022724	0.340743756	0.998300342
195	hsa-miR-301a-5p:MIMAT0022696	0.326824387	0.998300342
196	hsa-miR-4473:MIMAT0019000	-0.127751327	0.998300342
197	hsa-miR-618:MIMAT0003287	-0.042943318	0.998300342
198	hsa-miR-1278:MIMAT0005936	-0.321458635	0.998300342
199	hsa-miR-1271-5p:MIMAT0005796	0.668811988	0.998300342
200	hsa-miR-130a-5p:MIMAT0004593	0.520401227	0.998300342
201	hsa-miR-193a-5p:MIMAT0004614	0.146137008	0.998300342
202	hsa-miR-1291:MIMAT0005881	-0.464908581	0.998300342
203	hsa-miR-4772-5p:MIMAT0019926	0.276199663	0.998300342
204	hsa-miR-651-5p:MIMAT0003321	0.572916108	0.998300342

205	hsa-miR-659-5p:MIMAT0022710	-0.215300931	0.998300342
206	hsa-miR-196a-5p:MIMAT0000226	-0.442839046	0.998300342
207	hsa-miR-1273c:MIMAT0015017	0.009364581	0.998300342
208	hsa-miR-141-5p:MIMAT0004598	-0.391740958	0.998300342
209	hsa-miR-337-5p:MIMAT0004695	0.109868196	0.998300342
210	hsa-miR-504-5p:MIMAT0002875	-0.383996004	0.998300342
211	hsa-miR-452-5p:MIMAT0001635	0.645970462	0.998300342
212	hsa-miR-210-5p:MIMAT0026475	0.090714172	0.998300342
213	hsa-miR-542-5p:MIMAT0003340	0.522667495	0.998300342
214	hsa-miR-590-5p:MIMAT0003258	0.409680137	0.998300342
215	hsa-miR-1468-5p:MIMAT0006789	-0.694377073	0.998300342
216	hsa-miR-4677-5p:MIMAT0019760	0.236814674	0.998300342
217	hsa-miR-548av-5p:MIMAT0022303	0.333398032	0.998300342
218	hsa-miR-3074-5p:MIMAT0019208	0.112497481	0.998300342
219	hsa-miR-365b-5p:MIMAT0022833	0.205586034	0.998300342
220	hsa-miR-615-5p:MIMAT0004804	-0.683030778	0.998300342
221	hsa-miR-365a-5p:MIMAT0009199	0.269490458	0.998300342
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223	hsa-miR-195-5p:MIMAT0000461	-0.181655729	0.998300342
224	hsa-miR-204-5p:MIMAT0000265	-1.326660511	0.998300342
225	hsa-miR-3173-5p:MIMAT0019214	-0.218255688	0.998300342
226	hsa-miR-487b-5p:MIMAT0026614	0.473904723	0.998300342
227	hsa-miR-5193:MIMAT0021124	-0.350629128	0.998300342
228	hsa-miR-219a-5p:MIMAT0000276	-0.755357474	0.998300342
229	hsa-miR-1275:MIMAT0005929	-0.546967771	0.998300342
230	hsa-miR-320d:MIMAT0006764	-0.008035297	0.998300342
231	hsa-miR-3928-5p:MIMAT0027037	-0.157750766	0.998300342
232	hsa-miR-3934-5p:MIMAT0018349	-0.512184587	0.998300342
233	hsa-miR-550a-3-5p:MIMAT0020925	0.052129474	0.998300342
234	hsa-miR-6513-5p:MIMAT0025482	-0.12073636	0.998300342
235	hsa-miR-3177-5p:MIMAT0019215	-0.062919879	0.998300342
236	hsa-miR-581:MIMAT0003246	-0.209517492	0.998300342
237	hsa-miR-2277-5p:MIMAT0017352	-0.07122511	0.998300342
238	hsa-miR-96-5p:MIMAT0000095	-0.874356687	0.998300342
239	hsa-miR-7976:MIMAT0031179	-0.130810796	0.998300342
240	hsa-miR-556-5p:MIMAT0003220	0.502721142	0.998300342
241	hsa-miR-548ag:MIMAT0018969	0.056227071	0.998300342
242	hsa-miR-6718-5p:MIMAT0025849	0.147569028	0.998300342
243	hsa-miR-1250-5p:MIMAT0005902	-0.150050348	0.998300342
244	hsa-miR-539-5p:MIMAT0003163	0.411881307	0.998300342
245	hsa-miR-6501-5p:MIMAT0025458	-0.39420028	0.998300342
246	hsa-miR-4661-5p:MIMAT0019729	0.437294605	0.998300342
247	hsa-miR-10527-5p:MIMAT0041997	-0.135553634	0.998300342
248	hsa-miR-7854-3p:MIMAT0030429	-0.422384671	0.998300342

249	hsa-miR-1343-5p:MIMAT0027038	-0.688623698	0.998300342
250	hsa-miR-4742-5p:MIMAT0019872	-0.185531603	0.998300342
251	hsa-miR-4662a-5p:MIMAT0019731	-0.233035581	0.998300342
252	hsa-miR-1284:MIMAT0005941	0.272660156	0.998300342
253	hsa-miR-664b-5p:MIMAT0022271	0.069426575	0.998300342
254	hsa-miR-5189-5p:MIMAT0021120	-0.888024227	0.998300342
255	hsa-miR-3913-5p:MIMAT0018187	-0.086248444	0.998300342
256	hsa-miR-4659a-5p:MIMAT0019726	-0.333155032	0.998300342
257	hsa-miR-1185-5p:MIMAT0005798	0.340434508	0.998300342
258	hsa-miR-6866-5p:MIMAT0027632	0.181755612	0.998300342
259	hsa-miR-7848-3p:MIMAT0030423	-0.86253495	0.998300342
260	hsa-miR-133a-5p:MIMAT0026478	0.147645239	0.998300342
261	hsa-miR-190b-5p:MIMAT0004929	-0.046740181	0.998300342
262	hsa-miR-548a-3p:MIMAT0003251	-0.121807074	0.998300342
263	hsa-miR-627-5p:MIMAT0003296	0.011016837	0.998300342
264	hsa-miR-4645-5p:MIMAT0019705	-0.170340997	0.998300342
265	hsa-miR-296-5p:MIMAT0000690	-0.163719572	0.998300342
266	hsa-miR-597-5p:MIMAT0003265	-0.566735078	0.998300342
267	hsa-miR-3150b-5p:MIMAT0019226	-0.902661197	0.998300342
268	hsa-miR-4999-5p:MIMAT0021017	-0.130622794	0.998300342
269	hsa-miR-3150a-5p:MIMAT0019206	-0.525057387	0.998300342
270	hsa-miR-6516-5p:MIMAT0030417	0.569837968	0.998300342
271	hsa-miR-3922-5p:MIMAT0019227	0.016467605	0.998300342
272	hsa-miR-548a-5p:MIMAT0004803	-0.026971729	0.998300342
273	hsa-miR-4422:MIMAT0018935	-0.444573385	0.998300342
274	hsa-miR-1296-5p:MIMAT0005794	0.509616185	0.998300342
275	hsa-miR-4755-5p:MIMAT0019895	-0.339269298	0.998300342
276	hsa-miR-429:MIMAT0001536	0.017319565	0.998300342
277	hsa-miR-1229-3p:MIMAT0005584	-0.806917136	0.998300342
278	hsa-miR-4781-5p:MIMAT0019942	-0.274827411	0.998300342
279	hsa-miR-3127-5p:MIMAT0014990	-0.42122784	0.998300342
280	hsa-miR-218-5p:MIMAT0000275	-0.897405197	0.998300342
281	hsa-miR-3157-5p:MIMAT0015031	-0.370675203	0.998300342
282	hsa-miR-193b-5p:MIMAT0004767	-0.199901523	0.998300342
283	hsa-miR-509-5p:MIMAT0004779	0.571734313	0.998300342
284	hsa-miR-7110-5p:MIMAT0028117	-1.235230224	0.998300342
285	hsa-miR-552-5p:MIMAT0026615	-0.399112097	0.998300342
286	hsa-miR-5001-5p:MIMAT0021021	0.931827111	0.998300342
287	hsa-miR-490-5p:MIMAT0004764	0.273292751	0.998300342
288	hsa-miR-34a-5p:MIMAT0000255	0.432885755	0.998300342
289	hsa-miR-4536-5p:MIMAT0019078	-0.585218471	0.998300342
290	hsa-miR-605-5p:MIMAT0003273	0.544614718	0.998300342
291	hsa-miR-1294:MIMAT0005884	0.019316524	0.998300342
292	hsa-miR-5690:MIMAT0022482	-0.184502344	0.998300342

293	hsa-miR-511-5p:MIMAT0002808	-0.328616608	0.998300342
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296	hsa-miR-4482-5p:MIMAT0019016	0.133758586	0.998300342
297	hsa-miR-410-5p:MIMAT0026558	0.753436808	0.998300342
298	hsa-miR-6769b-5p:MIMAT0027620	-1.933046371	0.998300342
299	hsa-miR-487a-5p:MIMAT0026559	0.516273004	0.998300342
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301	hsa-miR-3190-5p:MIMAT0015073	-0.886988204	0.998300342
302	hsa-miR-301b-5p:MIMAT0032026	0.635214933	0.998300342
303	hsa-miR-135b-5p:MIMAT0000758	-0.319805801	0.998300342
304	hsa-miR-4424:MIMAT0018939	-0.467654633	0.998300342
305	hsa-miR-3191-5p:MIMAT0022732	-0.326887765	0.998300342
306	hsa-miR-4685-5p:MIMAT0019771	-3.058328843	0.998300342
307	hsa-miR-455-5p:MIMAT0003150	0.041491636	0.998300342
308	hsa-miR-548aj-5p:MIMAT0022739	-0.815711625	0.998300342
309	hsa-miR-4511:MIMAT0019048	0.474205007	0.998300342
310	hsa-miR-5196-5p:MIMAT0021128	-1.137081497	0.998300342
311	hsa-miR-9903:MIMAT0039323	0.041902925	0.998300342
312	hsa-miR-3912-5p:MIMAT0027036	0.209931317	0.998300342
313	hsa-miR-1538:MIMAT0007400	0.674456761	0.998300342
314	hsa-miR-599:MIMAT0003267	-1.608563196	0.998300342
315	hsa-miR-3617-5p:MIMAT0017997	0.358929551	0.998300342
316	hsa-miR-1298-5p:MIMAT0005800	-0.251823677	0.998300342
317	hsa-miR-506-5p:MIMAT0022701	1.115544743	0.998300342
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319	hsa-miR-3620-5p:MIMAT0022967	-1.250670374	0.998300342
320	hsa-miR-129-5p:MIMAT0000242	0.163271212	0.998300342
321	hsa-miR-3155b:MIMAT0019012	-0.058049352	0.998300342
322	hsa-miR-6786-5p:MIMAT0027472	-1.343533138	0.998300342
323	hsa-miR-412-5p:MIMAT0026557	0.434434127	0.998300342
324	hsa-miR-6770-5p:MIMAT0027440	0.49285821	0.998300342
325	hsa-miR-5009-5p:MIMAT0021041	-0.336905879	0.998300342
326	hsa-miR-203a-5p:MIMAT0031890	0.204848048	0.998300342
327	hsa-miR-377-5p:MIMAT0004689	0.667278247	0.998300342
328	hsa-miR-656-5p:MIMAT0026627	1.644847849	0.998300342
329	hsa-miR-4709-5p:MIMAT0019811	-0.95721464	0.998300342
330	hsa-miR-3143:MIMAT0015012	0.697662079	0.998300342
331	hsa-miR-135a-5p:MIMAT0000428	0.376999618	0.998300342
332	hsa-miR-6737-5p:MIMAT0027375	-0.982195811	0.998300342
333	hsa-miR-3194-5p:MIMAT0015078	-0.556485078	0.998300342
334	hsa-miR-374c-5p:MIMAT0018443	0.662863508	0.998300342
335	hsa-miR-6877-5p:MIMAT0027654	0.265234283	0.998300342
336	hsa-miR-642b-5p:MIMAT0022736	0.453116178	0.998300342

337	hsa-miR-6833-5p:MIMAT0027566	0.137282342	0.998300342
338	hsa-miR-624-5p:MIMAT0003293	0.795432548	0.998300342
339	hsa-miR-6810-5p:MIMAT0027520	-0.067274749	0.998300342
340	hsa-miR-4425:MIMAT0018940	-1.512322765	0.998300342
341	hsa-miR-299-5p:MIMAT0002890	-0.036488654	0.998300342
342	hsa-miR-3180-5p:MIMAT0015057	-0.775640495	0.998300342
343	hsa-miR-188-5p:MIMAT0000457	0.296692023	0.998300342
344	hsa-miR-3920:MIMAT0018195	-0.074560302	0.998300342
345	hsa-miR-3688-5p:MIMAT0019223	0.147590101	0.998300342
346	hsa-miR-3679-5p:MIMAT0018104	0.177751865	0.998300342
347	hsa-miR-190a-5p:MIMAT0000458	0.390545548	0.998300342
348	hsa-miR-3940-5p:MIMAT0019229	-0.019639058	0.998300342
349	hsa-miR-3667-5p:MIMAT0018089	0.055334476	0.998300342
350	hsa-miR-1288-5p:MIMAT0026743	0.051283697	0.998300342
351	hsa-miR-616-5p:MIMAT0003284	0.147503381	0.998300342
352	hsa-miR-3164:MIMAT0015038	-0.764800652	0.998300342
353	hsa-miR-4491:MIMAT0019026	-0.295356821	0.998300342
354	hsa-miR-4504:MIMAT0019040	0.116380087	0.998300342
355	hsa-miR-6502-5p:MIMAT0025460	0.701355269	0.998300342
356	hsa-miR-3179:MIMAT0015056	0.313370226	0.998300342
357	hsa-miR-3691-5p:MIMAT0018120	-1.653728627	0.998300342
358	hsa-miR-3939:MIMAT0018355	-0.771275465	0.998300342
359	hsa-miR-7151-5p:MIMAT0028212	-0.499382542	0.998300342
360	hsa-miR-676-5p:MIMAT0018203	-0.213895961	0.998300342
361	hsa-miR-34c-5p:MIMAT0000686	0.029870399	0.998300342
362	hsa-miR-376c-5p:MIMAT0022861	0.689099716	0.998300342
363	hsa-miR-4717-5p:MIMAT0019829	-5.091196351	0.998300342
364	hsa-miR-5586-5p:MIMAT0022287	0.113628242	0.998300342
365	hsa-miR-1914-5p:MIMAT0007889	-1.073234001	0.998300342
366	hsa-miR-6798-5p:MIMAT0027496	0.117838985	0.998300342
367	hsa-miR-935:MIMAT0004978	-0.758940345	0.998300342
368	hsa-miR-3176:MIMAT0015053	-0.134947011	0.998300342
369	hsa-miR-219b-5p:MIMAT0019747	-1.062908077	0.998300342
370	hsa-miR-944:MIMAT0004987	0.132571028	0.998300342
371	hsa-miR-4777-5p:MIMAT0019934	-0.22388341	0.998300342
372	hsa-miR-655-5p:MIMAT0026626	0.249834293	0.998300342
373	hsa-miR-4775:MIMAT0019931	0.379952116	0.998300342
374	hsa-miR-5581-5p:MIMAT0022275	0.316300138	0.998300342
375	hsa-miR-668-5p:MIMAT0026636	0.606006136	0.998300342
376	hsa-miR-6780b-5p:MIMAT0027572	-0.861094072	0.998300342
377	hsa-miR-154-5p:MIMAT0000452	0.479775531	0.998300342
378	hsa-miR-610:MIMAT0003278	-0.360828929	0.998300342
379	hsa-miR-9983-3p:MIMAT0041993	-2.005581915	0.998300342
380	hsa-miR-3124-5p:MIMAT0014986	0.366352833	0.998300342

381	hsa-miR-939-5p:MIMAT0004982	0.219893253	0.998300342
382	hsa-miR-4474-5p:MIMAT0019234	-0.635238878	0.998300342
383	hsa-miR-2115-5p:MIMAT0011158	0.871980647	0.998300342
384	hsa-miR-497-5p:MIMAT0002820	0.833792908	0.998300342
385	hsa-miR-1262:MIMAT0005914	0.681904018	0.998300342
386	hsa-miR-2116-5p:MIMAT0011160	-1.276235185	0.998300342
387	hsa-miR-3180:MIMAT0018178	-1.118732886	0.998300342
388	hsa-miR-7114-5p:MIMAT0028125	-1.797721835	0.998300342
389	hsa-miR-6775-5p:MIMAT0027450	-0.85730715	0.998300342
390	hsa-miR-3121-5p:MIMAT0019199	-2.481679089	0.998300342
391	hsa-miR-3174:MIMAT0015051	-0.141889835	0.998300342
392	hsa-miR-4724-5p:MIMAT0019841	-0.178996845	0.998300342
393	hsa-miR-4669:MIMAT0019749	0.561453495	0.998300342
394	hsa-miR-205-5p:MIMAT0000266	-1.114289338	0.998300342
395	hsa-miR-4697-5p:MIMAT0019791	-4.550179146	0.998300342
396	hsa-miR-9901:MIMAT0039321	-0.785012266	0.998300342
397	hsa-miR-5006-5p:MIMAT0021033	-1.02951994	0.998300342
398	hsa-miR-4795-5p:MIMAT0019968	-4.550179146	0.998300342
399	hsa-miR-6734-5p:MIMAT0027369	-0.625512592	0.998300342
400	hsa-miR-4750-5p:MIMAT0019887	-1.447796448	0.998300342
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403	hsa-miR-7851-3p:MIMAT0030426	-0.714405572	0.998300342
404	hsa-miR-551a:MIMAT0003214	0.170401863	0.998300342
405	hsa-miR-607:MIMAT0003275	-4.260343238	0.998300342
406	hsa-miR-4423-5p:MIMAT0019232	0.254374275	0.998300342
407	hsa-miR-4786-5p:MIMAT0019954	-1.124748198	0.998300342
408	hsa-miR-577:MIMAT0003242	-0.953347778	0.998300342
409	hsa-miR-3130-5p:MIMAT0014995	-0.835679343	0.998300342
410	hsa-miR-885-5p:MIMAT0004947	0.833073432	0.998300342
411	hsa-miR-4494:MIMAT0019029	-3.897241201	0.998300342
412	hsa-miR-3192-5p:MIMAT0015076	-0.05843438	0.998300342
413	hsa-miR-4701-5p:MIMAT0019798	1.890363282	0.998300342
414	hsa-miR-548s:MIMAT0014987	1.35050144	0.998300342
415	hsa-miR-3200-5p:MIMAT0017392	-0.558145025	0.998300342
416	hsa-miR-551b-5p:MIMAT0004794	0.748849402	0.998300342
417	hsa-miR-4800-5p:MIMAT0019978	-0.45586211	0.998300342
418	hsa-miR-1910-5p:MIMAT0007884	-3.087980227	0.998300342
419	hsa-miR-4489:MIMAT0019023	-0.545617905	0.998300342
420	hsa-miR-5683:MIMAT0022472	0.700287783	0.998300342
421	hsa-miR-3136-5p:MIMAT0015003	-0.646829135	0.998300342
422	hsa-miR-4774-5p:MIMAT0019929	-3.087980227	0.998300342
423	hsa-miR-6808-5p:MIMAT0027516	1.133693491	0.998300342
424	hsa-miR-770-5p:MIMAT0003948	-2.671363303	0.998300342

425	hsa-miR-3148:MIMAT0015021	1.624266437	0.998300342
426	hsa-miR-6796-5p:MIMAT0027492	-3.198206292	0.998300342
427	hsa-miR-6746-5p:MIMAT0027392	-2.671363303	0.998300342
428	hsa-miR-199a-5p:MIMAT0000231	0.749320933	0.998300342
429	hsa-miR-100-5p:MIMAT0000098	0.418225843	0.998300342
430	hsa-miR-589-5p:MIMAT0004799	0.162066229	0.998300342
431	hsa-miR-889-5p:MIMAT0026719	1.405691187	0.998300342
432	hsa-miR-1287-5p:MIMAT0005878	1.31514776	0.998300342
433	hsa-miR-708-5p:MIMAT0004926	1.932227004	0.998300342
434	hsa-miR-10398-5p:MIMAT0041627	0.051655074	0.998300342
435	hsa-miR-6894-5p:MIMAT0027688	0.580741374	0.998300342
436	hsa-miR-4464:MIMAT0018988	-2.95151988	0.998300342
437	hsa-miR-133b:MIMAT0000770	0.061518905	0.998300342
438	hsa-miR-3161:MIMAT0015035	-0.432886892	0.998300342
439	hsa-miR-4791:MIMAT0019963	0.291943952	0.998300342
440	hsa-miR-544b:MIMAT0015004	1.166424832	0.998300342
441	hsa-miR-6793-5p:MIMAT0027486	-5.975022288	0.998300342
442	hsa-miR-4802-5p:MIMAT0019981	-0.613471327	0.998300342
443	hsa-miR-376a-5p:MIMAT0003386	2.585299373	0.998300342
444	hsa-miR-3199:MIMAT0015084	-0.997964045	0.998300342
445	hsa-miR-376a-2-5p:MIMAT0022928	1.199617014	0.998300342
446	hsa-miR-4435:MIMAT0018951	-0.431548739	0.998300342
447	hsa-miR-3140-5p:MIMAT0019204	1.223836004	0.998300342
448	hsa-miR-513c-5p:MIMAT0005789	1.148400715	0.998300342
449	hsa-miR-5582-5p:MIMAT0022279	0.995107376	0.998300342
450	hsa-miR-7109-5p:MIMAT0028115	-1.714431611	0.998300342
451	hsa-miR-1537-5p:MIMAT0026765	-1.473515275	0.998300342
452	hsa-miR-7974:MIMAT0031177	1.342415343	0.998300342
453	hsa-miR-496:MIMAT0002818	0.799966125	0.998300342
454	hsa-miR-153-5p:MIMAT0026480	-0.675652677	0.998300342
455	hsa-miR-153-3p:MIMAT0000439	-0.163946916	0.998300342
456	hsa-miR-3146:MIMAT0015018	-1.841474341	0.998300342
457	hsa-miR-4433a-5p:MIMAT0020956	-5.096002159	0.998300342
458	hsa-miR-6879-3p:MIMAT0027659	-1.259577496	0.998300342
459	hsa-miR-4753-5p:MIMAT0019890	-0.599982779	0.998300342
460	hsa-miR-1234-3p:MIMAT0005589	-0.732272001	0.998300342
461	hsa-miR-3065-5p:MIMAT0015066	1.230770472	0.998300342
462	hsa-miR-5697:MIMAT0022490	-0.477799055	0.998300342
463	hsa-miR-33b-5p:MIMAT0003301	0.788850787	0.998300342
464	hsa-miR-4726-5p:MIMAT0019845	-5.334144399	0.998300342
465	hsa-miR-5695:MIMAT0022488	-4.677648118	0.998300342
466	hsa-miR-4657:MIMAT0019724	-4.677648118	0.998300342
467	hsa-miR-449c-5p:MIMAT0010251	-1.315442849	0.998300342
468	hsa-miR-6749-5p:MIMAT0027398	0.550611787	0.998300342

469	hsa-miR-4732-5p:MIMAT0019855	-4.677648118	0.998300342
470	hsa-miR-378e:MIMAT0018927	0.281681541	0.998300342
471	hsa-miR-4723-5p:MIMAT0019838	-1.551120895	0.998300342
472	hsa-miR-3681-5p:MIMAT0018108	-0.740908744	0.998300342
473	hsa-miR-4680-5p:MIMAT0019764	-0.499808956	0.998300342
474	hsa-miR-6750-5p:MIMAT0027400	-0.769183484	0.998300342
475	hsa-miR-1270:MIMAT0005924	0.038560678	0.998300342
476	hsa-miR-4440:MIMAT0018958	0.497041971	0.998300342
477	hsa-miR-4660:MIMAT0019728	-0.182698008	0.998300342
478	hsa-miR-184:MIMAT0000454	0.279405397	0.998300342
479	hsa-miR-4773:MIMAT0019928	-0.546143344	0.998300342
480	hsa-miR-3611:MIMAT0017988	1.336038038	0.998300342
481	hsa-miR-5584-5p:MIMAT0022283	-0.867918937	0.998300342
482	hsa-miR-5698:MIMAT0022491	-4.311310191	0.998300342
483	hsa-miR-380-5p:MIMAT0000734	1.699598884	0.998300342
484	hsa-miR-6716-5p:MIMAT0025844	0.279405397	0.998300342
485	hsa-miR-4466:MIMAT0018993	-4.311310191	0.998300342
486	hsa-miR-4632-5p:MIMAT0022977	-4.086111766	0.998300342
487	hsa-miR-4520-5p:MIMAT0019235	-0.137825965	0.998300342
488	hsa-miR-6758-5p:MIMAT0027416	1.333857137	0.998300342
489	hsa-miR-4796-5p:MIMAT0019970	0.759791287	0.998300342
490	hsa-miR-7108-5p:MIMAT0028113	-4.086111766	0.998300342
491	hsa-miR-4749-5p:MIMAT0019885	-0.695144049	0.998300342
492	hsa-miR-4667-5p:MIMAT0019743	0.426412765	0.998300342
493	hsa-miR-548ai:MIMAT0018989	-4.414317063	0.998300342
494	hsa-miR-6748-5p:MIMAT0027396	1.120774058	0.998300342
495	hsa-miR-4639-5p:MIMAT0019697	-0.277037133	0.998300342
496	hsa-miR-3918:MIMAT0018192	-0.13434677	0.998300342
497	hsa-miR-6851-5p:MIMAT0027602	-0.346305273	0.998300342
498	hsa-miR-548ap-3p:MIMAT0021038	-3.819165709	0.998300342
499	hsa-miR-6732-5p:MIMAT0027365	-0.864210955	0.998300342
500	hsa-miR-466:MIMAT0015002	-3.819165709	0.998300342
501	hsa-miR-214-5p:MIMAT0004564	-3.819165709	0.998300342
502	hsa-miR-7152-5p:MIMAT0028214	-0.540967672	0.998300342
503	hsa-miR-3115:MIMAT0014977	2.348553623	0.998300342
504	hsa-miR-4467:MIMAT0018994	-3.49143036	0.998300342
505	hsa-miR-34b-5p:MIMAT0000685	-3.49143036	0.998300342
506	hsa-miR-665:MIMAT0004952	-3.49143036	0.998300342
507	hsa-miR-2278:MIMAT0011778	1.568388913	0.998300342
508	hsa-miR-4743-5p:MIMAT0019874	-4.74367537	0.998300342
509	hsa-miR-3619-5p:MIMAT0017999	-0.069751529	0.998300342
510	hsa-miR-6805-5p:MIMAT0027510	-3.49143036	0.998300342
511	hsa-miR-4525:MIMAT0019064	-3.49143036	0.998300342
512	hsa-miR-3154:MIMAT0015028	-3.49143036	0.998300342

513	hsa-miR-202-5p:MIMAT0002810	-0.95363598	0.998300342
514	hsa-miR-2467-5p:MIMAT0019952	0.637183099	0.998300342
515	hsa-miR-6509-5p:MIMAT0025474	0.733378183	0.998300342
516	hsa-miR-3139:MIMAT0015007	-3.066842712	0.998300342
517	hsa-miR-3942-5p:MIMAT0018358	0.335691596	0.998300342
518	hsa-miR-3165:MIMAT0015039	-3.066842712	0.998300342
519	hsa-miR-6509-3p:MIMAT0025475	-3.066842712	0.998300342
520	hsa-miR-3186-5p:MIMAT0015067	-0.529055947	0.998300342
521	hsa-miR-3677-5p:MIMAT0019221	-3.066842712	0.998300342
522	hsa-miR-6715b-5p:MIMAT0025842	-3.066842712	0.998300342
523	hsa-miR-4779:MIMAT0019938	-3.066842712	0.998300342
524	hsa-miR-2276-5p:MIMAT0026921	0.087908866	0.998300342
525	hsa-miR-4640-5p:MIMAT0019699	0.37388927	0.998300342
526	hsa-miR-6861-5p:MIMAT0027623	-2.463340062	0.998300342
527	hsa-miR-6754-5p:MIMAT0027408	1.884059596	0.998300342
528	hsa-miR-3938:MIMAT0018353	-2.463340062	0.998300342
529	hsa-miR-302b-5p:MIMAT0000714	-2.463340062	0.998300342
530	hsa-miR-7703:MIMAT0030018	-2.463340062	0.998300342
531	hsa-miR-4708-5p:MIMAT0019809	-1.145021597	0.998300342
532	hsa-miR-548ac:MIMAT0018938	0.455114393	0.998300342
533	hsa-miR-320e:MIMAT0015072	-0.160546	0.998300342
534	hsa-miR-7705:MIMAT0030020	0.05622801	0.998300342
535	hsa-miR-4470:MIMAT0018997	1.264983972	0.998300342
536	hsa-miR-138-5p:MIMAT0000430	0.852190452	0.998300342
537	hsa-miR-580-5p:MIMAT0026617	0.826216296	0.998300342
538	hsa-miR-1256:MIMAT0005907	1.325758071	0.998300342
539	hsa-miR-3675-3p:MIMAT0018099	1.895746311	0.998300342
540	hsa-miR-6763-5p:MIMAT0027426	1.020695164	0.998300342
541	hsa-miR-7856-5p:MIMAT0030431	-0.60712318	0.998300342
542	hsa-miR-5571-5p:MIMAT0022257	-4.251034032	0.998300342
543	hsa-miR-6752-5p:MIMAT0027404	-4.159167675	0.998300342
544	hsa-miR-3941:MIMAT0018357	0.325198255	0.998300342
545	hsa-miR-4445-5p:MIMAT0018963	-3.955726573	0.998300342
546	hsa-miR-6762-5p:MIMAT0027424	0.164153057	0.998300342
547	hsa-miR-3128:MIMAT0014991	2.198529015	0.998300342
548	hsa-miR-3684:MIMAT0018112	0.381260998	0.998300342
549	hsa-miR-211-5p:MIMAT0000268	-0.881505075	0.998300342
550	hsa-miR-3944-5p:MIMAT0019231	-3.718757651	0.998300342
551	hsa-miR-4804-5p:MIMAT0019984	-3.583833317	0.998300342
552	hsa-miR-6779-5p:MIMAT0027458	-3.583833317	0.998300342
553	hsa-miR-4444:MIMAT0018962	-3.583833317	0.998300342
554	hsa-miR-541-5p:MIMAT0004919	-0.424970608	0.998300342
555	hsa-miR-4477a:MIMAT0019004	-3.583833317	0.998300342
556	hsa-miR-376b-5p:MIMAT0022923	1.452650839	0.998300342

557	hsa-miR-1179:MIMAT0005824	1.314101016	0.998300342
558	hsa-miR-7843-5p:MIMAT0030411	0.107186077	0.998300342
559	hsa-miR-6879-5p:MIMAT0027658	0.693672412	0.998300342
560	hsa-miR-549a-5p:MIMAT0037328	-0.731052811	0.998300342
561	hsa-miR-6891-5p:MIMAT0027682	-3.08101141	0.998300342
562	hsa-miR-4727-5p:MIMAT0019847	1.430765458	0.998300342
563	hsa-miR-4757-5p:MIMAT0019901	-2.300365166	0.998300342
564	hsa-miR-548g-5p:MIMAT0022722	6.040285426	0.998300342
565	hsa-miR-18b-5p:MIMAT0001412	6.118117889	0.998300342
566	hsa-miR-206:MIMAT0000462	4.569408022	0.998300342
567	hsa-miR-548at-5p:MIMAT0022277	4.453749821	0.998300342
568	hsa-miR-4799-5p:MIMAT0019976	5.367344914	0.998300342
569	hsa-miR-1233-3p:MIMAT0005588	4.190249004	0.998300342
570	hsa-miR-4687-5p:MIMAT0019774	5.118201281	0.998300342
571	hsa-miR-892a:MIMAT0004907	4.719592557	0.998300342
572	hsa-miR-5587-5p:MIMAT0022289	3.451453875	0.998300342
573	hsa-miR-3160-5p:MIMAT0019212	3.451453875	0.998300342
574	hsa-miR-1913:MIMAT0007888	3.823038966	0.998300342
575	hsa-miR-1276:MIMAT0005930	3.187523345	0.998300342
576	hsa-miR-3682-5p:MIMAT0019222	3.187523345	0.998300342
577	hsa-miR-4469:MIMAT0018996	2.864280852	0.998300342
578	hsa-miR-550b-2-5p:MIMAT0022737	4.686291934	0.998300342
579	hsa-miR-4662b:MIMAT0019736	2.864280852	0.998300342
580	hsa-miR-5687:MIMAT0022478	2.864280852	0.998300342
581	hsa-miR-216b-5p:MIMAT0004959	2.447124032	0.998300342
582	hsa-miR-4679:MIMAT0019763	2.447124032	0.998300342
583	hsa-miR-4720-5p:MIMAT0019833	1.858155021	0.998300342
584	hsa-miR-4648:MIMAT0019710	1.858155021	0.998300342
585	hsa-miR-6840-5p:MIMAT0027582	1.858155021	0.998300342
586	hsa-miR-4670-5p:MIMAT0019750	1.858155021	0.998300342
587	hsa-miR-4778-5p:MIMAT0019936	1.858155021	0.998300342
588	hsa-miR-3183:MIMAT0015063	1.858155021	0.998300342
589	hsa-miR-1269a:MIMAT0005923	1.858155021	0.998300342
590	hsa-miR-6861-3p:MIMAT0027624	3.777131948	0.998300342
591	hsa-miR-4776-5p:MIMAT0019932	0.87110554	0.998300342
592	hsa-miR-4762-5p:MIMAT0019910	4.552735586	0.998300342
593	hsa-miR-513a-5p:MIMAT0002877	4.445860241	0.998300342
594	hsa-miR-7855-5p:MIMAT0030430	4.445860241	0.998300342
595	hsa-miR-4797-5p:MIMAT0019972	5.178078166	0.998300342
596	hsa-miR-3675-5p:MIMAT0018098	4.204952191	0.998300342
597	hsa-miR-4654:MIMAT0019720	4.067513036	0.998300342
598	hsa-miR-3144-5p:MIMAT0015014	4.067513036	0.998300342
599	hsa-miR-7844-5p:MIMAT0030419	3.745758854	0.998300342
600	hsa-miR-3198:MIMAT0015083	3.745758854	0.998300342

601	hsa-miR-3661:MIMAT0018082	3.331002611	0.998300342
602	hsa-miR-3685:MIMAT0018113	3.331002611	0.998300342
603	hsa-miR-6739-5p:MIMAT0027379	3.331002611	0.998300342
604	hsa-miR-449a:MIMAT0001541	3.068187245	0.998300342
605	hsa-miR-4794:MIMAT0019967	2.746576983	0.998300342
606	hsa-miR-4457:MIMAT0018979	2.746576983	0.998300342
607	hsa-miR-3142:MIMAT0015011	2.746576983	0.998300342
608	hsa-miR-4635:MIMAT0019692	2.746576983	0.998300342
609	hsa-miR-4761-5p:MIMAT0019908	2.332045457	0.998300342
610	hsa-miR-6742-5p:MIMAT0027385	2.332045457	0.998300342
611	hsa-miR-578:MIMAT0003243	2.332045457	0.998300342
612	hsa-miR-12114:MIMAT0049008	1.748014288	0.998300342
613	hsa-miR-570-5p:MIMAT0022707	4.146619012	0.998300342
614	hsa-miR-5680:MIMAT0022468	4.146619012	0.998300342
615	hsa-miR-491-5p:MIMAT0002807	-0.005921641	0.998361916
616	hsa-miR-4738-5p:MIMAT0019866	-0.023017849	0.998361916
617	hsa-miR-766-5p:MIMAT0022714	-0.001359232	0.998968064
618	hsa-miR-579-5p:MIMAT0026616	0.000829092	0.998968064
619	hsa-miR-3149:MIMAT0015022	0.007699152	0.998968064
620	hsa-miR-4765:MIMAT0019916	-0.00850198	0.998968064
621	hsa-miR-223-5p:MIMAT0004570	-29.77467475	NA
622	hsa-miR-484:MIMAT0002174	0.21169467	NA
623	hsa-miR-130b-5p:MIMAT0004680	-0.420245807	NA
624	hsa-miR-339-5p:MIMAT0000764	-27.08008459	NA
625	hsa-miR-548l:MIMAT0005889	1.524400511	NA
626	hsa-miR-4443:MIMAT0018961	-21.86653078	NA
627	hsa-miR-508-5p:MIMAT0004778	-0.830228168	NA
628	hsa-miR-2355-5p:MIMAT0016895	-1.888477338	NA
629	hsa-miR-5696:MIMAT0022489	-1.380601112	NA
630	hsa-miR-23a-5p:MIMAT0004496	-27.4262979	NA
631	hsa-miR-29c-5p:MIMAT0004673	-1.123789871	NA
632	hsa-miR-128-2-5p:MIMAT0031095	-30	NA
633	hsa-miR-324-5p:MIMAT0000761	-22.23969358	NA
634	hsa-miR-3064-5p:MIMAT0019864	0.412891164	NA
635	hsa-miR-9985:MIMAT0039763	21.10561626	NA
636	hsa-miR-212-5p:MIMAT0022695	21.1724383	NA
637	hsa-miR-142-5p:MIMAT0000433	30	NA
638	hsa-miR-134-5p:MIMAT0000447	24.08308974	NA
639	hsa-miR-18a-5p:MIMAT0000072	23.47213229	NA
640	hsa-miR-548ba:MIMAT0031175	6.914094557	NA