

Table 1. Unsupervised hierarchical clustering based on the variation of expression for each miRNA across the specimens

	p-value	Geom mean of intensities in Normal	Geom mean of intensities in Tumor	Fold-change	UniqueID
1	< 1e-07	8088.73	248.87	0.03	hsa-miR-431
2	< 1e-07	13935.67	252.94	0.02	hsa-miR-379
3	< 1e-07	23957.4	315.27	0.01	hsa-miR-494
4	< 1e-07	12995.35	233.68	0.02	hsa-miR-432
5	1.00E-07	17813.87	289.43	0.02	hsa-miR-134
6	2.00E-07	2367.6	111.5	0.05	hsa-miR-409-5p
7	5.00E-07	795.26	2996.65	3.77	HS_52
8	6.00E-07	16484.85	261.16	0.02	hsa-miR-409-3p
9	1.10E-06	394.01	12404.93	31.48	hsa-miR-96
10	1.70E-06	369.81	21322.05	57.66	hsa-miR-106a
11	2.20E-06	21026.11	440.48	0.02	hsa-miR-329
12	5.40E-06	13954.45	338.28	0.02	hsa-miR-370
13	6.70E-06	244.97	1232.44	5.03	hsa-miR-643
14	9.80E-06	1069.37	19716.66	18.44	hsa-miR-378
15	1.14E-05	217.4	12894.87	59.31	hsa-miR-141
16	1.21E-05	916.54	3867.14	4.22	hsa-miR-182*
17	1.28E-05	715.52	1832.76	2.56	HS_71.1
18	1.61E-05	11221.98	468.22	0.04	hsa-miR-485-3p
19	1.62E-05	11684.32	180.3	0.02	hsa-miR-411
20	1.74E-05	189.95	1700.73	8.95	hsa-miR-604
21	1.84E-05	1508.02	29145.32	19.33	hsa-miR-200c
22	1.90E-05	461.96	115	0.25	HS_155
23	2.07E-05	6324.22	165.98	0.03	hsa-miR-299-5p
24	2.15E-05	3096.69	164.72	0.05	hsa-miR-487a
25	2.41E-05	5120.7	200.96	0.04	hsa-miR-154
26	2.70E-05	127.56	174.84	1.37	HS_144
27	2.75E-05	411.45	637.89	1.55	HS_219
28	2.97E-05	3093.61	7340.16	2.37	HS_96
29	3.54E-05	4468.74	182.08	0.04	hsa-miR-382
30	4.43E-05	15196.39	324.44	0.02	hsa-miR-487b
31	4.56E-05	671.98	111.73	0.17	hsa-miR-770-5p
32	4.70E-05	6383.3	280.93	0.04	hsa-miR-495
33	5.42E-05	150.75	184.18	1.22	hsa-miR-202
34	5.78E-05	128.34	181.37	1.41	HS_267
35	6.12E-05	1197.27	124.23	0.1	hsa-miR-376a*
36	6.24E-05	164.6	271.17	1.65	HS_23
37	6.53E-05	3844.3	169.43	0.04	hsa-miR-410
38	6.90E-05	246.76	133.58	0.54	HS_58
39	7.25E-05	28342.14	928.54	0.03	hsa-miR-155
40	7.91E-05	3122.03	328.9	0.11	hsa-miR-433
41	8.61E-05	3423.28	106.13	0.03	hsa-miR-655
42	8.71E-05	209.57	480.97	2.3	HS_304_a
43	0.0001138	145.55	209.09	1.44	hsa-miR-657
44	0.0001186	1528.94	14423.67	9.43	hsa-miR-107
45	0.0001435	488.26	1331.81	2.73	hsa-miR-449b
46	0.0001723	148.85	273.71	1.84	hsa-miR-617
47	0.0001913	361.7	8232.11	22.76	hsa-miR-363
48	0.0002471	4413.03	176.25	0.04	hsa-miR-369-3p
49	0.0002696	1251.25	17875.8	14.29	hsa-miR-183
50	0.000284	6154.4	314.57	0.05	hsa-miR-376a
51	0.0003026	1402.63	4240.54	3.02	HS_244
52	0.000378	463.77	3128.13	6.75	hsa-miR-579
53	0.0003983	22046.94	33196.38	1.51	hsa-miR-30b
54	0.0004625	317.43	3000.35	9.45	hsa-miR-375
55	0.0004938	121.01	184.39	1.52	hsa-miR-623
56	0.000499	110.09	154.67	1.4	hsa-miR-558
57	0.0005137	339.2	176	0.52	hsa-miR-181d
58	0.0005188	670.56	1419.11	2.12	HS_152
59	0.0005362	460.45	938.57	2.04	HS_268
60	0.0006422	860.92	121.99	0.14	hsa-miR-136
61	0.0006737	4842.27	812.32	0.17	hsa-miR-381
62	0.0008639	351.21	119.48	0.34	hsa-miR-432*
63	0.000934	510.84	2028.93	3.97	hsa-miR-570
64	0.0010221	294.57	634.79	2.15	hsa-miR-607
65	0.0010319	1913.8	92.71	0.05	hsa-miR-656

66	0.0012024	99.35	109.79	1.11	HS_107
67	0.0012073	522.63	1022.56	1.96	HS_20
68	0.0012213	446.49	1068.4	2.39	HS_186
69	0.0012728	341.86	7037.99	20.59	hsa-miR-20b
70	0.0012793	7050.59	17605.53	2.5	hsa-miR-500
71	0.0012861	1187.52	14772.03	12.44	hsa-miR-101
72	0.001346	150.07	233.81	1.56	hsa-miR-567
73	0.0013477	227.42	360.9	1.59	HS_141
74	0.0013683	207.34	410.81	1.98	hsa-miR-206
75	0.0013773	15607.34	703.87	0.05	hsa-miR-218
76	0.0013819	284.64	4184.67	14.7	hsa-miR-9
77	0.0017946	246.8	500.3	2.03	HS_138
78	0.0019672	392.32	968.9	2.47	HS_68
79	0.0020052	260.26	498.06	1.91	HS_79.1
80	0.0021374	527.76	1531.81	2.9	HS_113
81	0.0021546	12877.98	2573.45	0.2	HS_243.1
82	0.0022191	587.58	1055.55	1.8	HS_126
83	0.0022636	151.27	248.67	1.64	HS_283_a
84	0.0022842	254.76	780.64	3.06	HS_265.1
85	0.0024064	591.79	1585.62	2.68	hsa-miR-105
86	0.0026072	113.91	224.19	1.97	hsa-miR-521
87	0.0026927	1258.02	6489.63	5.16	hsa-miR-769-3p
88	0.002693	2294.81	19155.73	8.35	hsa-miR-182
89	0.0028117	2022.06	244.28	0.12	hsa-miR-154*
90	0.0028275	6191.4	27224.4	4.4	hsa-miR-148a
91	0.0028995	267.23	657.95	2.46	HS_160
92	0.0030017	6890.57	16701.36	2.42	hsa-miR-149
93	0.0030141	175.21	328.21	1.87	HS_26.1
94	0.003076	30296.86	39891.66	1.32	hsa-miR-193b
95	0.0032358	566.21	128.98	0.23	hsa-miR-496
96	0.0034948	1813.7	23769.22	13.11	hsa-miR-19a
97	0.0035258	2322.85	11800.03	5.08	hsa-miR-652
98	0.003561	205.45	7176.02	34.93	hsa-miR-205
99	0.0038436	423.85	152.12	0.36	HS_221
100	0.0039072	137.08	453.28	3.31	hsa-miR-653
101	0.0042548	208.05	410.16	1.97	HS_90
102	0.0043407	107.98	132.64	1.23	HS_16
103	0.0044505	490.73	1397.28	2.85	HS_97
104	0.0045107	194.55	307.47	1.58	HS_14.1
105	0.0046548	183.41	537.9	2.93	HS_131
106	0.0048506	1358.01	10602.27	7.81	hsa-miR-18b
107	0.0048598	5112.92	697.24	0.14	hsa-miR-539
108	0.0052122	1699.49	8388.72	4.94	hsa-miR-660
109	0.0053777	1072.01	291.65	0.27	hsa-miR-485-5p
110	0.0058282	683.4	263.53	0.39	hsa-miR-668
111	0.005856	387.12	2519.63	6.51	hsa-miR-9*
112	0.005995	854.67	2553.26	2.99	hsa-miR-517c
113	0.0061214	411.88	1632.14	3.96	hsa-miR-451
114	0.0062516	150.13	94.31	0.63	HS_77
115	0.006269	129.29	173.13	1.34	HS_92
116	0.0065169	201.38	332.13	1.65	hsa-miR-580
117	0.0067343	234.37	472.94	2.02	hsa-miR-302a*
118	0.0067494	310.82	702.87	2.26	hsa-miR-190
119	0.0071144	53940.07	50517.57	0.94	hsa-miR-21
120	0.007418	165.39	212.89	1.29	HS_75.1
121	0.0075495	3591.47	901.85	0.25	hsa-miR-452*
122	0.0076376	41246.86	21842.79	0.53	hsa-let-7i
123	0.0076812	24524	9053.11	0.37	hsa-miR-152
124	0.0078478	395.3	1108.51	2.8	HS_279_a
125	0.0079535	120.99	100.53	0.83	HS_82.1
126	0.0081626	658.52	1438.73	2.18	HS_184
127	0.0086351	142.35	4539.09	31.89	hsa-miR-203
128	0.0088975	3531.51	16791.87	4.75	hsa-miR-186
129	0.009301	477	1155.56	2.42	HS_241.1
130	0.0093839	147.64	189.93	1.29	HS_11.1
131	0.0093992	111.64	137.36	1.23	hsa-miR-552
132	0.0095895	418.51	1026.67	2.45	hsa-miR-636

133	0.00986	3092	11037.36	3.57	hsa-miR-769-5p
134	0.0102107	119.85	175.71	1.47	HS_84
135	0.0102738	1780.66	4423.19	2.48	hsa-miR-345
136	0.010525	94.33	888.24	9.42	hsa-miR-551b
137	0.010883	4350.91	10510.59	2.42	hsa-miR-34a
138	0.0110515	1912.81	3701.53	1.94	hsa-miR-517a
139	0.0117807	107.07	141.29	1.32	hsa-miR-367
140	0.0118724	8025.85	21992.51	2.74	hsa-miR-425
141	0.0122724	118.98	418.26	3.52	hsa-miR-33b
142	0.0130885	146.68	176.03	1.2	hsa-miR-586
143	0.0133885	2596.41	310.5	0.12	HS_250
144	0.0141937	45025.33	34589.38	0.77	hsa-miR-222
145	0.014636	498.76	1287.99	2.58	hsa-miR-191*
146	0.0148535	159.05	234.33	1.47	HS_47
147	0.0149261	3327.69	7923.61	2.38	hsa-miR-145
148	0.0149657	392.29	1349.08	3.44	hsa-miR-133a
149	0.0151402	5674.79	38965.07	6.87	hsa-miR-19b
150	0.0152284	5341.53	9023.43	1.69	hsa-miR-505
151	0.0160896	4858.67	1142.59	0.24	HS_284.1
152	0.0161691	350.42	118.25	0.34	HS_72
153	0.0167136	242.39	332.52	1.37	hsa-miR-519e
154	0.0179866	345.79	522.8	1.51	HS_110
155	0.0181142	246.51	396.66	1.61	HS_252.1
156	0.018454	2376.02	623.3	0.26	hsa-miR-376b
157	0.0186178	1830.25	4090.68	2.24	HS_260
158	0.018647	292.71	634.64	2.17	hsa-miR-573
159	0.0188297	322.26	196.49	0.61	HS_170
160	0.019244	1841.3	6026.63	3.27	hsa-miR-550
161	0.0195239	399.14	7295.73	18.28	hsa-miR-200a
162	0.0202036	28026.18	7362.9	0.26	hsa-miR-181b
163	0.0203295	102.78	133.23	1.3	hsa-miR-510
164	0.0216973	109.81	362.84	3.3	HS_43.1
165	0.0217214	161.09	467.26	2.9	hsa-miR-522
166	0.0219188	219.46	145.8	0.66	HS_132.1
167	0.0220247	195.62	1984.25	10.14	hsa-miR-200a*
168	0.0220759	468.47	670.85	1.43	hsa-miR-507
169	0.0221147	220.38	280.51	1.27	HS_45.1
170	0.0222887	340.81	708.15	2.08	hsa-miR-603
171	0.0225339	926.74	2088.16	2.25	HS_303_b
172	0.0227193	795.18	1352.37	1.7	HS_19
173	0.0231849	195.99	156.54	0.8	HS_4.1
174	0.0245932	448.92	2163.92	4.82	hsa-miR-589
175	0.0252361	295.42	543.85	1.84	hsa-miR-609
176	0.0262519	222.09	396.99	1.79	hsa-miR-515-3p
177	0.0263741	156.97	219.39	1.4	hsa-miR-384
178	0.0267164	43182.18	14957.6	0.35	hsa-miR-125b
179	0.0270593	313.21	524.25	1.67	hsa-miR-646
180	0.0270687	110.12	93.21	0.85	hsa-miR-373*
181	0.0275308	2932.48	6381.69	2.18	HS_303_a
182	0.0276838	289.9	157.26	0.54	hsa-miR-198
183	0.0290408	127.81	146.78	1.15	HS_216
184	0.0295635	45935.63	9053.69	0.2	hsa-miR-100
185	0.0313662	17909.73	7909.68	0.44	HS_263.1
186	0.0314547	49336.68	41880.54	0.85	hsa-miR-221
187	0.0324696	264.49	376.42	1.42	HS_153
188	0.0328859	246.85	372.48	1.51	HS_242
189	0.0330101	308.98	400.15	1.3	hsa-miR-645
190	0.034152	153.14	123.08	0.8	hsa-miR-488
191	0.0350724	297.5	597.82	2.01	hsa-miR-592
192	0.0364851	205.19	171.73	0.84	hsa-miR-631
193	0.0365887	43903.87	41690.67	0.95	hsa-miR-25
194	0.0375811	163.67	201.68	1.23	HS_201
195	0.0379641	3073.98	7383.11	2.4	hsa-miR-326
196	0.0400477	743.05	1593.05	2.14	hsa-miR-204
197	0.0401329	461.04	612.09	1.33	HS_25
198	0.0406269	214.38	270.82	1.26	HS_3
199	0.0406561	331.98	412.32	1.24	hsa-miR-518c*

200	0.0408391	125.7	106.91	0.85	hsa-miR-658
201	0.0408439	198.47	143.72	0.72	HS_35
202	0.0413325	128.13	151.91	1.19	hsa-miR-633
203	0.0419364	184.33	258.8	1.4	hsa-miR-634
204	0.043013	95.11	485.48	5.1	hsa-miR-577
205	0.0431556	103.05	78.18	0.76	hsa-miR-575
206	0.0436122	153.28	177.05	1.16	HS_121
207	0.0438166	94.96	105.38	1.11	hsa-miR-555
208	0.0450134	124.92	147.65	1.18	HS_63
209	0.0450264	167.09	108.6	0.65	hsa-miR-448
210	0.0451822	1206.22	418.82	0.35	HS_193
211	0.045749	148.58	126.07	0.85	hsa-miR-144
212	0.0461405	1029.71	3610.62	3.51	hsa-miR-651
213	0.0462054	16619.49	30026.02	1.81	hsa-miR-106b
214	0.0463334	30878.04	39999.47	1.3	hsa-miR-30d
215	0.0476172	87.1	94.51	1.09	hsa-miR-562
216	0.0491126	171.84	196.88	1.15	hsa-miR-597
217	0.0492064	13576.58	4865.41	0.36	hsa-miR-196b
218	0.0493094	1487.86	4644.63	3.12	hsa-miR-642
219	0.0495958	1291.81	3497.56	2.71	hsa-miR-212
220	0.0500698	37312.56	45862.14	1.23	hsa-miR-30c
221	0.0510562	121.97	108.97	0.89	HS_218
222	0.0513919	93.8	100.11	1.07	hsa-miR-621
223	0.0518035	6508.5	21276.01	3.27	hsa-miR-148b
224	0.0525149	179.72	307.35	1.71	HS_8
225	0.0544498	12314.43	5616.26	0.46	HS_22.1
226	0.0548636	1312.27	3174.86	2.42	hsa-miR-627
227	0.0590134	321.16	658.94	2.05	hsa-miR-187
228	0.0599245	560.89	303.46	0.54	hsa-miR-299-3p
229	0.0612368	308.34	116.45	0.38	HS_111
230	0.0630863	146.99	187.12	1.27	hsa-miR-613
231	0.0632582	287.78	94.15	0.33	HS_55.1
232	0.0641716	20322.32	29203.8	1.44	hsa-miR-99b
233	0.0656375	37660.45	32763.6	0.87	hsa-miR-23b
234	0.0664964	104.73	117.37	1.12	hsa-miR-630
235	0.0666197	139.79	429.29	3.07	hsa-miR-593
236	0.0687951	326.67	1206.47	3.69	hsa-miR-138
237	0.068882	28558.55	24591.08	0.86	HS_192.1
238	0.0706654	76.6	79.62	1.04	hsa-miR-606
239	0.0715769	36350.56	47062.1	1.29	hsa-miR-20a
240	0.0716487	153.35	131.27	0.86	hsa-miR-608
241	0.071763	164.31	140.97	0.86	hsa-miR-506
242	0.0748037	257.76	438.48	1.7	hsa-miR-618
243	0.0753444	278.85	463.05	1.66	hsa-miR-302c*
244	0.0754728	271.67	170.69	0.63	HS_182.1
245	0.0759829	1557.47	10441.7	6.7	hsa-miR-200b
246	0.0764246	12983.71	19527.79	1.5	hsa-miR-18a*
247	0.0768183	2879.97	1117.61	0.39	HS_166.1
248	0.0777787	1109.05	507.82	0.46	hsa-miR-377
249	0.0786413	80.66	90.16	1.12	hsa-miR-184
250	0.0789586	10762.33	19349.75	1.8	hsa-miR-185
251	0.0790043	1935.58	465.87	0.24	HS_17
252	0.079052	22152.68	12694.86	0.57	hsa-miR-10a
253	0.079831	99.76	135.48	1.36	hsa-miR-520e
254	0.0804259	979.97	2369.74	2.42	hsa-miR-641
255	0.0810116	192.46	292.06	1.52	HS_119
256	0.0810156	401.79	281.12	0.7	HS_33
257	0.0814416	549.8	943.46	1.72	hsa-miR-372
258	0.0817971	1561.85	195.16	0.12	hsa-miR-518e
259	0.0819561	6694.65	10877.58	1.62	hsa-miR-126
260	0.0822534	49370.64	40983.89	0.83	hsa-let-7a
261	0.0826456	525.71	790.83	1.5	hsa-miR-554
262	0.0832031	7771.87	18874.04	2.43	hsa-miR-421
263	0.0840344	358.73	179.77	0.5	HS_206
264	0.0851992	6007.34	16232.21	2.7	hsa-miR-324-5p
265	0.085224	222.35	261.91	1.18	HS_128
266	0.0869328	95.17	329.31	3.46	hsa-miR-518f

267	0.0896004	207.88	372.84	1.79	hsa-miR-32
268	0.0945669	373.79	161.44	0.43	HS_64
269	0.0945902	180.12	225.81	1.25	HS_177
270	0.0946952	20433.58	6563.65	0.32	hsa-miR-503
271	0.0951244	148.42	190.74	1.29	hsa-miR-620
272	0.0961009	144.59	99.16	0.69	hsa-miR-557
273	0.0989512	20865.41	29587.5	1.42	hsa-miR-15a
274	0.0992395	145.27	164.05	1.13	HS_49
275	0.1001137	27126.77	4257.56	0.16	hsa-miR-224
276	0.1002102	34987.74	29777.76	0.85	hsa-let-7e
277	0.1046028	149.82	107.37	0.72	HS_278
278	0.1056675	37260.14	48378.24	1.3	hsa-miR-191
279	0.1057056	95.75	298.25	3.11	hsa-miR-515-5p
280	0.1062697	653.26	198.09	0.3	HS_174.1
281	0.1075223	269.02	198.67	0.74	HS_280_b
282	0.1093995	168.5	190.35	1.13	hsa-miR-325
283	0.1113377	34974.74	12469.32	0.36	hsa-miR-424
284	0.1143529	319.08	118.61	0.37	HS_112
285	0.1146086	175.27	104.03	0.59	HS_55
286	0.1164641	403.75	543.41	1.35	hsa-miR-614
287	0.1201155	347.46	224.91	0.65	hsa-miR-453
288	0.1229248	174.08	140.03	0.8	HS_109
289	0.1252729	1971.83	5065.37	2.57	hsa-miR-551a
290	0.1257596	36585.57	27242.07	0.74	hsa-let-7f
291	0.1260707	4135.14	7598.7	1.84	hsa-miR-766
292	0.126243	534.83	173.93	0.33	hsa-miR-638
293	0.1303989	23379.91	19626.23	0.84	hsa-miR-29b
294	0.1311396	356.22	138.54	0.39	HS_215
295	0.1332037	153.69	103.47	0.67	HS_87
296	0.1336433	1673.17	507.99	0.3	HS_163
297	0.135421	275.31	184.91	0.67	HS_80
298	0.1359374	32117.31	14522.97	0.45	hsa-let-7b
299	0.1372839	112.54	130.2	1.16	HS_88
300	0.1394031	1879.19	6101.07	3.25	hsa-miR-99a
301	0.1400252	4440.63	1015.66	0.23	hsa-miR-624
302	0.1422566	583.2	153.06	0.26	HS_18
303	0.1433221	176.11	315.95	1.79	hsa-miR-561
304	0.1438204	304.86	180.65	0.59	HS_257
305	0.144572	15368.95	20452.01	1.33	hsa-miR-7
306	0.1461735	335.29	151.35	0.45	HS_56
307	0.1483438	182.33	277.83	1.52	hsa-miR-802
308	0.1486272	42443.71	35019.28	0.83	hsa-let-7g
309	0.1488317	92.17	195.16	2.12	hsa-miR-1
310	0.1498052	133.51	346.67	2.6	hsa-miR-383
311	0.1510997	162.86	107.5	0.66	HS_198
312	0.1545203	4616.95	23105.14	5	hsa-miR-544
313	0.1558837	12040.14	25135.22	2.09	hsa-miR-103
314	0.1591258	23855.99	11439.26	0.48	hsa-miR-335
315	0.1592525	1329.81	3642.11	2.74	hsa-miR-675
316	0.1593885	316.04	453.13	1.43	HS_122.1
317	0.162127	422.78	288.46	0.68	HS_175
318	0.1626918	329.11	141.21	0.43	HS_117
319	0.1629911	93	263.59	2.83	hsa-miR-599
320	0.1629945	12343.86	4880.61	0.4	hsa-miR-10b
321	0.1634434	114.22	198.14	1.73	hsa-miR-518c
322	0.1647424	114.54	127.93	1.12	hsa-miR-553
323	0.170619	7641.17	18963.31	2.48	hsa-miR-194
324	0.170711	735.7	417.71	0.57	HS_116
325	0.1707122	783.95	272.29	0.35	HS_254
326	0.1720102	934.42	160.53	0.17	hsa-miR-569
327	0.1728951	628.2	312.05	0.5	hsa-miR-563
328	0.1741307	142.38	153.36	1.08	hsa-miR-649
329	0.175367	293.84	121.36	0.41	HS_146.1
330	0.1769796	419.25	620.92	1.48	HS_114
331	0.1811284	2491.1	10492.69	4.21	hsa-miR-95
332	0.1827119	529.14	268.63	0.51	HS_169
333	0.1838647	583.56	223.14	0.38	hsa-miR-572

334	0.1844993	227.94	287.48	1.26	HS_197
335	0.1851552	548.43	275.18	0.5	HS_305_b
336	0.1855969	491.14	158.29	0.32	HS_76
337	0.1859683	6205.82	12924.46	2.08	hsa-miR-192
338	0.188169	959.11	183.52	0.19	hsa-miR-133b
339	0.1890387	661.57	922.16	1.39	HS_24
340	0.1895407	89.48	96.41	1.08	HS_264.1
341	0.1942571	217.57	157.35	0.72	HS_37
342	0.1944319	206.32	247.52	1.2	HS_65
343	0.1945453	4886.13	841.9	0.17	hsa-miR-153
344	0.1960117	37495.76	22486.31	0.6	hsa-miR-31
345	0.1962045	909.85	2241.94	2.46	hsa-miR-215
346	0.1964469	26518.93	22082.42	0.83	hsa-miR-197
347	0.1980919	225.85	185.14	0.82	hsa-miR-568
348	0.1998991	734.63	199.52	0.27	hsa-miR-622
349	0.2052273	1243.88	730.03	0.59	hsa-miR-369-5p
350	0.2054729	632.92	1178.34	1.86	HS_262.1
351	0.2081491	12357.69	22997.29	1.86	hsa-miR-130b
352	0.209398	13328.66	28659.35	2.15	hsa-miR-18a
353	0.2105684	135.16	99.75	0.74	HS_261.1
354	0.2139513	36089.2	33055.26	0.92	HS_100
355	0.2158313	89.86	95.79	1.07	hsa-miR-611
356	0.2181739	34351.73	31006.93	0.9	hsa-miR-29a
357	0.2184074	141.55	182.6	1.29	HS_59
358	0.2204411	122.99	142.87	1.16	HS_95
359	0.2243229	16164.07	12072.52	0.75	hsa-let-7c
360	0.2259911	907.04	1960.59	2.16	hsa-miR-497
361	0.2269904	279.91	124.25	0.44	hsa-miR-595
362	0.2309169	8157.88	2433.29	0.3	hsa-miR-146a
363	0.2341829	87.36	79.1	0.91	HS_183.1
364	0.2343381	138.24	253.69	1.84	hsa-miR-519a
365	0.2356666	159.76	175.97	1.1	hsa-miR-626
366	0.2373927	755.4	481.98	0.64	hsa-miR-571
367	0.2396695	137.3	170.11	1.24	HS_164
368	0.2403056	185.78	363.84	1.96	hsa-miR-605
369	0.2410277	389.28	474.13	1.22	HS_27
370	0.2434775	1202.97	411.02	0.34	hsa-miR-302d
371	0.245392	32696.05	37363.69	1.14	hsa-miR-27b
372	0.2464177	101.61	188.75	1.86	hsa-miR-662
373	0.2465274	659.8	1452.3	2.2	HS_287
374	0.2465452	30001.73	14917.18	0.5	hsa-let-7d
375	0.2502223	126.5	133.16	1.05	hsa-miR-587
376	0.2517312	157.87	109.59	0.69	HS_140
377	0.2591927	1259.2	660.06	0.52	HS_149
378	0.2605779	1484.99	536.4	0.36	HS_108.1
379	0.265417	109.57	84.34	0.77	hsa-miR-373
380	0.2671586	342.08	252.38	0.74	HS_123
381	0.2677551	301.69	208.94	0.69	hsa-miR-202*
382	0.2682639	466.66	307.58	0.66	HS_147
383	0.2692089	526.98	726.36	1.38	hsa-miR-150
384	0.2738639	1933.89	3742.45	1.94	HS_239
385	0.2781067	24710.81	22698.52	0.92	hsa-miR-324-3p
386	0.2786238	104.46	96.09	0.92	HS_154
387	0.2795531	841.92	322.54	0.38	HS_31.1
388	0.2809284	158.71	181.96	1.15	HS_273
389	0.2842555	193.85	118.29	0.61	hsa-miR-639
390	0.2860375	2270.35	753.48	0.33	hsa-miR-591
391	0.2865591	146.77	136.43	0.93	HS_258
392	0.287693	92.44	98.44	1.06	hsa-miR-526b*
393	0.2895664	1214.14	494.39	0.41	hsa-miR-632
394	0.2914517	91.19	87.54	0.96	HS_67
395	0.2948819	253.78	301.86	1.19	hsa-miR-559
396	0.2969548	226.29	198.09	0.88	HS_205.1
397	0.2982563	679.69	1531.12	2.25	hsa-miR-143
398	0.3017791	290.13	500.61	1.73	hsa-miR-135a
399	0.3023132	11674.65	7395.32	0.63	hsa-miR-625
400	0.3042625	974.99	483.53	0.5	hsa-miR-767-5p

401	0.3048424	132.95	119.56	0.9	HS_159
402	0.3061443	789.21	546.35	0.69	HS_285
403	0.306503	109.6	146.81	1.34	hsa-miR-147
404	0.3070705	260.92	330.89	1.27	hsa-miR-602
405	0.308748	1384.87	703.13	0.51	hsa-miR-302b*
406	0.3117224	139.61	110.73	0.79	hsa-miR-142-5p
407	0.3144985	140.45	153.38	1.09	HS_220
408	0.3149179	833.99	1325.25	1.59	HS_99.1
409	0.3150364	477.88	295.67	0.62	HS_120
410	0.31627	131.81	119.75	0.91	HS_253
411	0.317636	106.27	96.59	0.91	hsa-miR-489
412	0.3211695	266.79	158.82	0.6	HS_135
413	0.3217022	1110.59	380.77	0.34	hsa-miR-504
414	0.3218731	3001.47	1422.88	0.47	hsa-miR-542-3p
415	0.3232818	37793.79	41994.66	1.11	hsa-miR-24
416	0.325091	248.13	304.68	1.23	hsa-miR-581
417	0.3284818	373.68	213.8	0.57	HS_74
418	0.3294588	124.25	139.02	1.12	hsa-miR-519e*
419	0.3304072	685.3	534.84	0.78	HS_196.1
420	0.3318729	621.25	755.51	1.22	hsa-miR-564
421	0.3326328	243.34	279.79	1.15	HS_282
422	0.3407184	1102.41	621.89	0.56	hsa-miR-566
423	0.3412157	225.52	276.48	1.23	hsa-miR-765
424	0.3454905	4269.55	2616.7	0.61	HS_188
425	0.3460982	561.58	618.64	1.1	HS_78
426	0.3464113	125.89	113.88	0.9	hsa-miR-600
427	0.3486407	7767.09	16994.45	2.19	hsa-miR-210
428	0.3513892	14077.47	8612.85	0.61	hsa-miR-98
429	0.3574213	594.27	898.78	1.51	HS_240
430	0.3589123	228.88	194.7	0.85	HS_304_b
431	0.3593153	45595.88	43062.23	0.94	hsa-miR-23a
432	0.3667365	110.35	125.93	1.14	HS_1
433	0.3744254	202.98	178.21	0.88	hsa-miR-511
434	0.3754249	1200.74	671.69	0.56	HS_42
435	0.377062	193.58	239.35	1.24	HS_13
436	0.3772565	296.36	249.5	0.84	HS_7
437	0.3819949	160.83	203.31	1.26	HS_93
438	0.3932646	1417.56	701.11	0.49	HS_145.1
439	0.3967323	15797.75	21306.33	1.35	hsa-miR-196a
440	0.3986387	3044.16	4841.49	1.59	HS_32
441	0.3994128	400.01	489.83	1.22	hsa-miR-223
442	0.4079106	26334.02	17642.5	0.67	hsa-miR-130a
443	0.411411	152.3	189.56	1.24	hsa-miR-498
444	0.4126705	151.57	132.22	0.87	HS_211
445	0.4133654	39310.62	42813.47	1.09	hsa-miR-27a
446	0.4150735	214.86	238.28	1.11	hsa-miR-619
447	0.4179303	205.21	173.58	0.85	HS_9
448	0.4186966	27761.49	29710.49	1.07	hsa-miR-484
449	0.4232773	435.29	317.85	0.73	HS_176
450	0.4245479	158.3	212.56	1.34	HS_134
451	0.4249939	4861.11	3318.14	0.68	hsa-miR-663
452	0.4288938	223.02	271.93	1.22	HS_136
453	0.4293526	18189.3	16091.44	0.88	hsa-miR-132
454	0.4308028	137.61	116.07	0.84	hsa-miR-514
455	0.4372553	146.47	131.99	0.9	hsa-miR-637
456	0.4413866	317.03	354.9	1.12	HS_208
457	0.4453566	911.36	492.77	0.54	hsa-miR-616
458	0.455384	288.38	167.81	0.58	hsa-miR-512-5p
459	0.4594209	8493.96	4249.53	0.5	hsa-miR-584
460	0.4630445	205.27	344.2	1.68	hsa-miR-519d
461	0.4667567	285.04	191.07	0.67	HS_179
462	0.4749173	154.06	124.05	0.81	hsa-miR-492
463	0.4763741	836.53	620.91	0.74	hsa-miR-610
464	0.4804211	2037.52	1106.18	0.54	hsa-miR-452
465	0.4806238	1013	801.15	0.79	hsa-miR-585
466	0.4931356	144.94	135.2	0.93	hsa-miR-767-3p
467	0.4980578	269.99	299.88	1.11	hsa-miR-412

468	0.4988611	3062.14	3536.56	1.15	HS_5.1
469	0.4994846	7199.26	3689.09	0.51	hsa-miR-137
470	0.5100455	597.46	480.05	0.8	HS_276.1
471	0.5102408	153.99	170.43	1.11	hsa-miR-588
472	0.5160508	33267.76	34800.31	1.05	hsa-miR-93
473	0.5245071	1597.26	1991.44	1.25	HS_6
474	0.5291149	706.61	849.49	1.2	hsa-miR-659
475	0.5338324	268.38	216	0.8	HS_187
476	0.5348449	108.72	117.87	1.08	hsa-miR-526b
477	0.5363753	742.9	882.83	1.19	HS_48.1
478	0.536814	90.98	93.7	1.03	hsa-miR-635
479	0.5382525	2015.47	3120.83	1.55	hsa-miR-135b
480	0.5459111	128.68	115.99	0.9	HS_217
481	0.5651005	341.26	464.36	1.36	HS_280_a
482	0.590615	389.13	410.49	1.05	HS_157
483	0.5918086	14101.83	9710.03	0.69	hsa-miR-181a
484	0.6119217	199.47	178.01	0.89	HS_89
485	0.6123195	9805.58	11653.11	1.19	hsa-miR-126*
486	0.6217251	176.49	208.3	1.18	HS_269
487	0.6254164	34056.62	33567.08	0.99	hsa-miR-15b
488	0.6277949	15449.2	17655.71	1.14	hsa-miR-365
489	0.6334627	233.78	262.34	1.12	hsa-miR-517*
490	0.6348445	155.62	193.81	1.25	HS_143
491	0.6367733	6086.67	5016.86	0.82	hsa-miR-328
492	0.6447652	460.77	368.8	0.8	hsa-miR-34b
493	0.6457851	150.12	135.31	0.9	hsa-miR-302a
494	0.6501247	1785.25	2221.32	1.24	hsa-miR-181c
495	0.6514966	571.22	311.66	0.55	hsa-miR-363*
496	0.6627186	35495.98	37160.35	1.05	hsa-miR-16
497	0.6640706	121.54	112.58	0.93	HS_30
498	0.6664008	22877.72	21331.17	0.93	hsa-miR-92b
499	0.6688709	119.23	122.9	1.03	hsa-miR-648
500	0.6718867	815.2	639.52	0.78	hsa-miR-542-5p
501	0.6735909	124.05	121.35	0.98	hsa-miR-601
502	0.6776956	82.63	80.55	0.97	HS_283_b
503	0.6805693	15849.59	17463.48	1.1	hsa-miR-29c
504	0.6855343	237.71	211.7	0.89	hsa-miR-302b
505	0.6862954	2804.9	4857.02	1.73	hsa-miR-429
506	0.6891297	91.55	89.29	0.98	hsa-miR-422a
507	0.7030683	190.01	200	1.05	HS_51
508	0.7058156	2215.36	2449.86	1.11	HS_139
509	0.7073148	123.16	119.56	0.97	hsa-miR-302c
510	0.7125733	452.32	350.99	0.78	hsa-miR-545
511	0.7131502	308.77	284.8	0.92	HS_231
512	0.7155596	148.5	141.63	0.95	HS_156
513	0.7240339	109.96	105.09	0.96	hsa-miR-650
514	0.733134	782.99	728.61	0.93	HS_2
515	0.7425446	566.58	443.28	0.78	HS_10
516	0.7527039	890.65	714.84	0.8	hsa-miR-549
517	0.7539209	283.54	265.3	0.94	hsa-miR-612
518	0.754749	129.99	131.35	1.01	hsa-miR-644
519	0.7669066	363.55	392.52	1.08	hsa-miR-647
520	0.7722177	169.38	162.28	0.96	HS_127.1
521	0.7754647	23451.98	24944.1	1.06	hsa-miR-22
522	0.7776259	1983.54	2294.49	1.16	hsa-miR-340
523	0.7786172	121.84	118.31	0.97	hsa-miR-640
524	0.7967262	112.02	109.59	0.98	HS_101
525	0.7980355	987.46	1356.43	1.37	hsa-miR-214
526	0.8096895	320.47	297.32	0.93	HS_255
527	0.8145872	39499.55	40351.86	1.02	hsa-miR-26a
528	0.8162795	311.31	273.65	0.88	hsa-miR-142-3p
529	0.8328373	33842.75	32962.25	0.97	hsa-miR-26b
530	0.8395104	1720.28	1529.57	0.89	hsa-miR-629
531	0.8426556	103.18	102.19	0.99	HS_83.1
532	0.845737	193	200.13	1.04	hsa-miR-523
533	0.8517837	150.69	146.37	0.97	HS_85.1
534	0.8574724	243.2	227.13	0.93	HS_104

535	0.8598926	471.04	553.97	1.18	hsa-miR-512-3p
536	0.864604	304.66	293.59	0.96	HS_21
537	0.8689903	155.84	151.87	0.97	hsa-miR-217
538	0.8736609	435.32	452.16	1.04	HS_199
539	0.873672	290.02	282.94	0.98	HS_194
540	0.8839725	333.8	324.63	0.97	hsa-miR-661
541	0.9005411	372.57	381.51	1.02	hsa-miR-583
542	0.91846	319.22	326.94	1.02	HS_200
543	0.9199338	1356.49	1396.09	1.03	HS_94
544	0.9209868	153.19	148.46	0.97	HS_46
545	0.9229657	146.66	144.28	0.98	hsa-miR-520f
546	0.9296015	117.83	118.98	1.01	HS_185.1
547	0.9342833	670.68	733.65	1.09	hsa-miR-346
548	0.9437113	140.97	136.61	0.97	HS_266.1
549	0.9477989	314.87	331.74	1.05	hsa-miR-518b
550	0.9597042	2419.73	2532.38	1.05	hsa-miR-598
551	0.9625438	1672.03	1648.91	0.99	HS_150
552	0.9711523	144.22	142.3	0.99	hsa-miR-520g
553	0.9731352	332.77	329.02	0.99	hsa-miR-596
554	0.9763699	148.82	148.62	1	hsa-miR-211
555	0.9764623	5333.45	5245	0.98	hsa-miR-195
556	0.9824371	313.85	314.99	1	hsa-miR-578